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Inventronics + OSRAM
LED product catalog

英飞特 + 欧司朗
LED产品手册

OSRAM
Digital Systems Eurasia
is now part of
Inventronics

inventronics

LED DRIVER

PRODUCT CATALOG



Building a Brighter Future

inventronics

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 : New Product
CV : Constant-Voltage



For More Information
www.inventronicsglobal.com

Inventronics reserves the right to modify the product spec. described in this manual, without prior notice. Before ordering, please contact our sales for the latest spec.

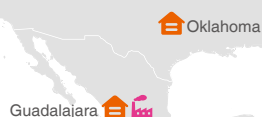


About Inventronics

Established in 2007, Inventronics is a premier worldwide producer of an extensive range of lighting products, including LED drivers, sensors, control systems, and LED modules. Our cutting-edge, reliable, and durable solutions are designed to meet all major international safety and performance standards. Our design teams, situated at our main office in Hangzhou, China, as well as regional hubs in Garching, Germany, Treviso, Italy, Delhi, India, and Shenzhen, China concentrate on developing low, mid, and high-power drivers, network control systems, and accessory products. Manufacturing is carried out at our cutting-edge Science and Technology Park in Tonglu, China, along with additional facilities in Mexico, Italy, and India. We welcome you to tour our factories and experience our unwavering commitment to quality firsthand.

Our mission is to provide superior products, exceptional technical support, and outstanding customer service to our clients. We also strive to generate value for our customers by working to enhance and prolong the return on investment for solid-state lighting systems.

Inventronics' exclusive focus on LED drivers and lighting components empowers us to stay at the forefront of emerging technologies, laying the foundation for the upcoming generation of LED lighting solutions. Our areas of expertise encompass a committed R&D team of numerous professionals, an array of patents, and a diverse product portfolio tailored to various applications. We offer customized solutions for our clients, operate several safety labs to accelerate product launches, and adhere to outstanding product development and design qualification processes. Our internal manufacturing capabilities feature a substantial monthly production capacity, while we also perform thorough product testing and continuous reliability evaluations to guarantee the highest quality standards.



Global Presence

Inventronics is a global organization with a headquarters in China and additional offices across the world. Our strategically located warehouses, combined with our extensive global partner network, enable us to efficiently serve customers worldwide.

Technical Support

Inventronics boasts a dedicated in-house technical support team and customer service team to address any questions or concerns you may have. In addition, our regional lighting representatives are available for in-person consultations.

Global Partners

Inventronics is dedicated to forging partnerships that enable us to create exceptional products for our clients. Our customer-centric approach drives us to develop reliable, user-friendly, and easily installable and upgradeable products. By offering industry-tailored solutions designed to excel in key market applications and focusing on specific industry needs and capabilities, we deliver the utmost value. Our drivers have been successfully implemented in numerous iconic landmarks across the globe.

We invite you to explore our comprehensive product portfolio and get in touch with us today.

Outdoor LED Drivers

Constant-Power	Non-Dimming, Adjustable Output Current	EUM-SV	P05
	1-10V, Programmable Output Current	EUM-Dx	P07
	0-10V, 12V Aux, Panel Mount Connectors	EUM-Mx/MGS	P09
	Built for Smart Lighting, 0-10V, 12V Aux, NFC	EUM-Lx	P11
	Enhanced DALI-2 Driver	EUM-Ex	P13
	D4i Driver, 24V Aux, NFC	EUM-Bx	P15
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	High Input, 0-10V, 2/3 Independent Channel Output	ESM-1K0D/1K2T	P47
	High Input, 0-10V, Slim Form Factor	SSM	P49
	High Input, 0-10V, Panel Mount Connectors and RJ Connectors	SSM-MGS/MGR	P51
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	0-10V&D4i&DMX-RDM, 12V Aux, Non-Isolated	NSM-Gx/Mx	P55
	Premium Driver for Sports Lighting, D4i & DMX-RDM	NSS-BC	P57
	1-10V/D4i, Suitable for Class I/II Luminaires	EBS	P59
	0-10V, 12V Aux	EBM-Mx	P61
	0-10V, 12V Aux, Non-Isolated, Slim Form Factor	NEL	P67
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	Premium Driver for Sports Lighting, D4i & DMX-RDM	NFS-BC	P71
	0-10V, 12V Aux, Non-Isolated, Slim Form Factor	NTL	P73
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Indoor LED Drivers

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E U M - 680 S 560 M G S

Series 1 Alpha Character

E	Outdoor LED Drivers
L	Indoor LED Drivers
S	Slim LED Drivers
N	Non-isolated LED Driver

Input Range 1 Alpha Character

A	90-305Vac with 440Vac IOVP
B	176-305Vac
D	140-305Vac
E	198-457Vac (NEL:180-457Vac)
F	180-528Vac
M	198-264Vac
N	342-457Vac
S	249-528Vac
T	312~528Vac
U	90-305Vac

Type 1 Alpha Character

C	Constant-Current Output
D	Adjustable Output Current with Digital Interface
M	Multiple Variances with AOC Function
N	Adjustable Output Current with NFC
R	Round Shape Design with AOC Function
S	Case with Push Terminals
T	Adjustable Output Current with Resistor
V	Constant-Voltage Output
W	Tunable White
L	Slim Driver

Output Power 3 Numeric Characters

1K2	1200W
680	680W
075	75W

No. of Outputs 1 Alpha Character

D	Dual
S	Single
T	Triple

Output Voltage/Current 3 Numeric Characters

560	560V	12A	12~12.9A
200	200V	999	9.99A
050	50V	140	1400mA
025	25V	105	1050mA
2V5	2.5V	070	700mA
		035	350mA

Case & Application Feature 1 Alpha Character

	First Generation for Indoor/Outdoor Products
2	Second Generation Products
A	Second Generation for Outdoor Products
F	Outdoor/Indoor Long and Slim Metal Case
L	Outdoor/Indoor Long Lifetime
M	Outdoor/Indoor Metal Case (Normal Rectangle)
S	Outdoor/Indoor With Panel Mount Connector
R	Outdoor/Indoor with Rotary Switch

Input Cable Indicator 1 Alpha Character

B	Standard, 3 Pin, BIS
C	Connecting Box
E	Standard, 3 Pin, Class I/II
F	Standard, 3Pin, Flying Leads
G	Standard, 3 Pin, Global
P	Terminals
T	Standard, 3 Pin, UL
V	Standard, 3 Pin, VDE

Options & Modes 1 Alpha Character

B	N-in-1 DALI (with PWM/AC Dim/Push Dimming/Timer)
D	0(1)-10V with or without 0(1)-5V/PWM(10V PWM)/Timer
H	0-10V with Dim-to-Low-Voltage
L	AC Power Monitoring and 0-10V/PWM/Timer with Dim-to-Off
M	0-10V/PWM/Timer with Dim-to-Off
S	Non-Dimming Control
G	DMX512



Inventronics Advantages

- High Efficiency (Up to 94.5%)
- Full Power at Wide Output Current Range (Constant Power)
- Input Voltage Range: 90 ~ 305Vac
- Adjustable Output Current (AOC) with Potentiometer
- Non-dimming Control
- Input Surge Protection: DM 4kV, CM 6kV
- All-Around Protection: OVP, SCP, OTP
- IP66/IP67
- 5-Year Warranty

About EUM-SV

Inventronics EUM-SV series provides a universal input range with high efficiency, and adjustable output current. In addition to IP 66/67 the product has OVP, SCP, and OTP protection.

Ultra-long lifetime reduces maintenance and promotes cost-effectiveness.

Safety Certifications



Power Levels

50W 75W 100W 150W 200W 240W 320W

Output Power (W)	Model No.	Full-power Current Range(mA)	Output Voltage Range (Vdc)	Eff.@ 220Vac	Lifetime (hours)	Dimensions (L×W×H)(mm)
50	EUM-050S090SV	550 ~ 900	28 ~ 91	89.5%	120,000 Tc=70°C	112(95) × 64 × 36.5
	EUM-050S165SV	920 ~ 1650	17 ~ 54	88.0%		
75	EUM-075S105SV	700 ~ 1050	36 ~ 107	90.0%	105,000 Tc=70°C	142(125) × 60 × 36.5
	EUM-075S150SV	1050 ~ 1500	25 ~ 72	90.0%		
	EUM-075S210SV	1400 ~ 2100	18 ~ 54	89.5%		
100	EUM-100S105SV	700 ~ 1050	48 ~ 143	92.0%	114,000 Tc=70°C	148(131) × 60 × 36.5
	EUM-100S150SV	1050 ~ 1500	34 ~ 95	92.0%		
	EUM-100S280SV	1750 ~ 2800	17 ~ 54	90.5%		
150	EUM-150S105SV	700 ~ 1050	72 ~ 214	92.0%	100,000 Tc=70°C	178(161) × 60 × 36.5
	EUM-150S150SV	1050 ~ 1500	50 ~ 143	92.5%		
	EUM-150S210SV	1400 ~ 2100	36 ~ 107	92.0%		
	EUM-150S420SV	2800 ~ 4200	18 ~ 54	91.0%		
200	EUM-200S105SV	700 ~ 1050	95 ~ 286	94.0%	120,000 Tc=70°C	188(171) × 60 × 36.5
	EUM-200S150SV	1050 ~ 1500	67 ~ 190	94.0%		
	EUM-200S280SV	1800 ~ 2800	36 ~ 111	93.0%		
	EUM-200S560SV	3500 ~ 5600	18 ~ 57	92.5%		
240	EUM-240S105SV	700 ~ 1050	115 ~ 343	94.5%	100,000 Tc=70°C	218(201) × 60 × 38.5
	EUM-240S150SV	1050 ~ 1500	80 ~ 229	94.0%		
	EUM-240S350SV	2150 ~ 3500	35 ~ 111	93.0%		
	EUM-240S670SV	4200 ~ 6700	18 ~ 57	92.5%		
320	EUM-320S105SV	700 ~ 1050	153 ~ 457	94.5%	111,000 Tc=70°C	243(224) × 80 × 44.5
	EUM-320S150SV	1050 ~ 1500	107 ~ 305	94.5%		
	EUM-320S250SV	1750 ~ 2500	64 ~ 183	94.0%		
	EUM-320S500SV	2850 ~ 5000	32 ~ 112	93.0%		
	EUM-320S760SV	5350 ~ 7600	21 ~ 60	93.0%		



Inventronics Advantages

- High Efficiency (Up to 94.0%)
- Full Power at Wide Output Current Range (Constant Power)
- Adjustable Output Current (AOC) with Programmability
- Input Voltage Range: 90 ~ 305Vac
- Compact Metal Case with Excellent Thermal Performance
- Output Lumen Compensation
- Input Surge Protection Up to: DM 6kV, CM 10kV
- All-Around Protection: OVP, SCP, OTP
- IP66 / IP67 and UL Dry / Damp / Wet Location
- SELV Output Models Available
- TYPE HL, for Use in a Class I, Division 2 Hazardous (Classified) Location
- 5-Year Warranty

About EUM-Dx

Inventronics EUM-Dx series provides a next-generation platform offering an enhanced transformer design, optimized components that provide lower costs without sacrificing quality or performance and a new design methodology. They also utilize a new global cable suitable for worldwide use to help OEMs reduce inventory SKUs.

Dimming Functions

Isolated 1-5V / 1-10V / 10V PWM / 3-Timer-Modes

Safety Certifications



Power Levels

30W 50W 75W 100W 150W 200W 240W 320W

Output Power (W)	Model No.	Full-power Current Range(mA)	Output Voltage Range (Vdc)	Eff.@ 220Vac	Lifetime (hours)	Dimensions (L×W×H)(mm)
30	EUM-030S050Dx	300 ~ 500	30 ~ 100	88.0%	120,000 Tc= 70°C	112(95) × 64 × 36.5
	EUM-030S105Dx ★	550 ~ 1050	17 ~ 54	87.0%		
50	EUM-050S053Dx	300 ~ 530	47 ~ 167	90.5%	103,000 Tc= 70°C	112(95) × 64 × 36.5
	EUM-050S090Dx	550 ~ 900	28 ~ 91	89.0%		
	EUM-050S150Dx ★	920 ~ 1500	17 ~ 54	88.0%		
75	EUM-075S053Dx	300 ~ 530	70 ~ 250	92.0%	100,000 Tc= 70°C	142(125) × 60 × 36.5
	EUM-075S105Dx	700 ~ 1050	36 ~ 107	90.5%		
	EUM-075S150Dx	1050 ~ 1500	25 ~ 72	90.5%		
	EUM-075S210Dx ★	1400 ~ 2100	18 ~ 54	89.5%		
100	EUM-100S053Dx	350 ~ 530	94 ~ 286	94.0%	114,000 Tc= 70°C	148(131) × 60 × 36.5
	EUM-100S105Dx	700 ~ 1050	48 ~ 143	93.0%		
	EUM-100S150Dx	1050 ~ 1500	34 ~ 95	93.0%		
	EUM-100S280Dx ★	1750 ~ 2800	17 ~ 54	92.0%		
150	EUM-150S070Dx	530 ~ 700	107 ~ 284	93.5%	106,000 Tc= 70°C	178(161) × 60 × 36.5
	EUM-150S105Dx	700 ~ 1050	72 ~ 214	93.0%		
	EUM-150S150Dx	1050 ~ 1500	50 ~ 143	93.5%		
	EUM-150S210Dx	1400 ~ 2100	36 ~ 107	92.0%		
	EUM-150S420Dx	2800 ~ 4200	18 ~ 54	91.5%		
200	EUM-200S070Dx	530 ~ 700	142 ~ 378	94.0%	100,000 Tc= 70°C	188(171) × 60 × 36.5
	EUM-200S105Dx	700 ~ 1050	95 ~ 286	93.5%		
	EUM-200S150Dx	1050 ~ 1500	67 ~ 190	93.0%		
	EUM-200S280Dx	1800 ~ 2800	36 ~ 111	92.5%		
	EUM-200S560Dx	3500 ~ 5600	18 ~ 57	92.0%		
240	EUM-240S070Dx	530 ~ 700	171 ~ 453	94.0%	100,000 Tc= 70°C	218(201) × 60 × 38.5
	EUM-240S105Dx	700 ~ 1050	115 ~ 343	94.0%		
	EUM-240S150Dx	1050 ~ 1500	80 ~ 229	93.5%		
	EUM-240S350Dx	2150 ~ 3500	35 ~ 111	93.0%		
	EUM-240S670Dx	4200 ~ 6700	18 ~ 57	92.5%		
320	EUM-320S105Dx	700 ~ 1050	153 ~ 457	94.0%	111,000 Tc= 70°C	243(224) × 80 × 44.5
	EUM-320S150Dx	1050 ~ 1500	107 ~ 305	94.0%		
	EUM-320S250Dx	1750 ~ 2500	64 ~ 183	94.0%		
	EUM-320S500Dx	2850 ~ 5000	32 ~ 112	93.0%		
	EUM-320S760Dx	5350 ~ 7600	21 ~ 60	93.0%		

★ : Class 2 Model



Common Advantages

- High Efficiency (Up to 96.0%)
- Full Power at Wide Output Current Range (Constant Power)
- Adjustable Output Current (AOC) with Programmability
- Input Voltage Range: 90 ~ 305Vac
- Always-on Auxiliary Power: 12Vdc, 250mA, 3W (Transient Peak Power up to 10W)
- Output Lumen Compensation
- End-of-Life Indicator
- Input Surge Protection: DM 6kV, CM 10kV
- All-Around Protection: IUVP, IOVP, OVP, SCP, OTP
- IP66 / IP67 and UL Dry / Damp / Wet Location
- TYPE HL, for Use in a Class I, Division 2 Hazardous (Classified) Location
- 5-Year Warranty

Dimming Functions

- Isolated 0-10V / PWM / 3-Timer-Modes Dimmable
- INV Digital Dimming, UART Based Communication Protocol
- Dim-to-Off with Standby Power ≤ 0.5 W

Safety Certifications



Power Levels

75W 100W 150W 200W 240W 320W 480W 680W 880W

EUM-MGS Version Features

- Panel Mount Connectors Facilitate Installation
- Brackets Accommodate Variety of Hanging Applications

About EUM-Mx

The EUM-Mx series offers full power at a wide output current range and supply Controls-Ready features such as Dim-to-Off and an Always-On Auxiliary Power of 12Vdc, 250mA with a transient peak up to 10W to better power occupancy and daylight sensors. This provides a cost-optimized solution by removing the need for additional power packs and AC Relays. They offer a reliable performance with a high level of built-in surge protection and added Input Over Voltage (IOV) and Input Under Voltage (IUV) protection to help against poor power quality supplies to the LED driver. The MG series provides a global cable to reduce inventory SKUs, the MT Series are UL Class P recognized and the MB series are BIS certified to offer a solution for a wide range of applications and regions.

About EUM-MGS

The EUM-MGS provides the added convenience of the panel mount connection with brackets for easier installation. They provide design flexibility with full power at a wide output current range. Their Controls-Ready features such as Dim-to-Off and an Always-On Auxiliary Power of 12Vdc, 250mA with a transient peak up to 10W to better power occupancy and daylight sensors.

① : x=G are UL Recognized, ENEC and CCC, etc. models; x=T are UL Class P models.

Output Power (W)	Model No.	Full-power Current Range(mA)	Output Voltage Range (Vdc)	Eff.@ 220Vac	Lifetime (hours)	Dimensions (L×W×H)(mm)
75	EUM-075S105Mx	700 ~ 1050	36 ~ 107	90.5%	101,000 Tc= 70°C	142(125) × 67.5 × 36.5
	EUM-075S150Mx	1050 ~ 1500	25 ~ 72	89.5%		
	EUM-075S210Mx ★	1400 ~ 2100	18 ~ 54	89.0%		
100	EUM-100S105Mx	700 ~ 1050	48 ~ 143	92.5%	112,000 Tc= 70°C	148(131) × 67.5 × 36.5
	EUM-100S150Mx	1050 ~ 1500	34 ~ 95	92.5%		
	EUM-100S280Mx ★	1750 ~ 2800	17 ~ 54	91.0%		
150	EUM-150S105Mx	700 ~ 1050	72 ~ 214	93.5%	104,000 Tc= 70°C	178(161) × 67.5 × 36.5
	EUM-150S150Mx	1050 ~ 1500	50 ~ 143	93.0%		
	EUM-150S210Mx	1400 ~ 2100	36 ~ 107	92.5%		
	EUM-150S420Mx	2800 ~ 4200	18 ~ 54	91.5%		
200	EUM-200S105Mx	700 ~ 1050	95 ~ 286	93.5%	102,000 Tc= 70°C	188(171) × 67.5 × 36.5
	EUM-200S150Mx	1050 ~ 1500	67 ~ 190	93.5%		
	EUM-200S280Mx	1800 ~ 2800	36 ~ 111	93.0%		
	EUM-200S560Mx	3500 ~ 5600	18 ~ 57	92.0%		
240	EUM-240S105Mx	700 ~ 1050	115 ~ 343	94.0%	101,000 Tc= 70°C	218(201) × 67.5 × 38.5
	EUM-240S150Mx	1050 ~ 1500	80 ~ 229	93.5%		
	EUM-240S350Mx	2150 ~ 3500	35 ~ 111	93.0%		
	EUM-240S670Mx	4200 ~ 6700	18 ~ 57	92.5%		
320	EUM-320S105Mx	700 ~ 1050	153 ~ 457	94.5%	112,000 Tc= 70°C	243(224) × 80 × 44.5
	EUM-320S150Mx	1050 ~ 1500	107 ~ 305	94.0%		
	EUM-320S250Mx	1750 ~ 2500	64 ~ 183	94.0%		
	EUM-320S500Mx	2850 ~ 5000	32 ~ 112	93.5%		
	EUM-320S760Mx	5350 ~ 7600	21 ~ 60	92.5%		
480	EUM-480S140Mx	1050 ~ 1400	171 ~ 457	94.5%	102,000 Tc=70°C	262(243) × 90 × 43.5
	EUM-480S280Mx	2100 ~ 2800	86 ~ 228	94.0%		
	EUM-480S420Mx	3150 ~ 4200	57 ~ 152	94.0%		
	EUM-480S560Mx	4350 ~ 5600	43 ~ 110	94.0%		
	EUM-480S10AMx	8600 ~ 10000	24 ~ 56	94.0%		
680	EUM-680S170Mx/MGS	1250 ~ 1700	200 ~ 544	95.5%	107,000 Tc=70°C	Mx: 275(250)×135 x 46 MGS: 300(275) × 151 × 46
	EUM-680S240Mx/MGS	1800 ~ 2400	141.5 ~ 378	94.5%		
	EUM-680S350Mx/MGS	2600 ~ 3500	97.1 ~ 262	95.0%		
	EUM-680S560Mx/MGS	4200 ~ 5600	60.7 ~ 163	94.5%		
	EUM-680S840Mx/MGS	6300 ~ 8400	40.4 ~ 108	95.0%		
	EUM-680S15AMx/MGS	12600 ~ 15000	22.6 ~ 54	95.5%		
880	EUM-880S280Mx/MGS	1950 ~ 2800	157 ~ 452	95.0%	105,000 Tc= 70°C	Mx: 275(250)×144 x 48.5 MGS: 300(275) × 160 × 48.5
	EUM-880S420Mx/MGS	3000 ~ 4200	104 ~ 294	95.5%		
	EUM-880S700Mx/MGS	4900 ~ 7000	63 ~ 180	96.0%		
	EUM-880S11AMx/MGS	8000 ~ 11500	38 ~ 110	95.5%		
	EUM-880S20AMx/MGS	16300 ~ 20000	22 ~ 54	95.5%		

★ : Class 2 Model



Inventronics Advantages

- High Efficiency (Up to 94.5%)
- Full Power at Wide Output Current Range (Constant Power)
- Adjustable Output Current (AOC) with NFC
- Input Voltage Range: 90 ~ 305Vac
- Always-on Auxiliary Power: 12Vdc, 250mA, 3W (Transient Peak Power up to 10W)
- Integrated Power Monitoring with High Accuracy up to $\pm 1\%$
- Output Lumen Compensation
- End-of-Life Indicator
- Thermal Sensing and Protection for LED Module
- Input Surge Protection: DM 6kV, CM 10kV
- All-Around Protection: IUVP, IOVP, OVP, SCP, OTP
- IP66 / IP67 and UL Dry / Damp / Wet Location
- TYPE HL, for Use in a Class I, Division 2 Hazardous(Classified) Location
- 7-Year Warranty

Dimming Functions

- Isolated 0-10V / PWM / 3-Timer-Modes Dimmable
- INV Digital Dimming, UART Based Communication Protocol
Compliant with T / CSA-051
- Dim-to-Off with Standby Power ≤ 0.5 W

Safety Certifications



Power Levels

75W 100W 150W 200W 240W 320W

About EUM-Lx

The EUM-Lx series is Controls-Ready for a cost-optimized smart lighting solution and provide hassle-free production and adaption with wireless programming via Near Field Communication (NFC). They also equip users with the ability to leverage crucial driver information, reduce maintenance costs, and streamline production. The added features of AC power monitoring and Inventronics proprietary digital dimming allow users to properly monitor and diagnose the health of the LED driver and luminaire to ensure optimal performance. The EUM-Lx series also provide multiple isolated dimming controls, Dim-to-Off and Always-On Auxiliary Power. The LG models utilize globally accepted cables that help reduce SKUs, the LT models provide UL Class P certification and the LB models are BIS certified.

① : x=G are UL Recognized, ENEC and CCC, etc. models; x=T are UL Class P models; x=B are BIS models.

Output Power (W)	Model No.	Full-power Current Range(mA)	Output Voltage Range (Vdc)	Eff.@ 220Vac	Lifetime (hours)	Dimensions (L×W×H)(mm)
75	EUM-075S105Lx	700 ~ 1050	36 ~ 107	90.5%	101,000 Tc= 70°C	142(125) × 67.5 × 36.5
	EUM-075S150Lx	1050 ~ 1500	25 ~ 72	89.5%		
	EUM-075S210Lx ★	1400 ~ 2100	18 ~ 54	89.0%		
100	EUM-100S105Lx	700 ~ 1050	48 ~ 143	92.5%	112,000 Tc= 70°C	148(131) × 67.5 × 36.5
	EUM-100S150Lx	1050 ~ 1500	34 ~ 95	92.5%		
	EUM-100S280Lx ★	1750 ~ 2800	17 ~ 54	91.0%		
150	EUM-150S105Lx	700 ~ 1050	72 ~ 214	93.5%	104,000 Tc= 70°C	178(161) × 67.5 × 36.5
	EUM-150S150Lx	1050 ~ 1500	50 ~ 143	93.0%		
	EUM-150S210Lx	1400 ~ 2100	36 ~ 107	92.5%		
	EUM-150S420Lx	2800 ~ 4200	18 ~ 54	91.5%		
200	EUM-200S105Lx	700 ~ 1050	95 ~ 286	93.5%	102,000 Tc= 70°C	188(171) × 67.5 × 36.5
	EUM-200S150Lx	1050 ~ 1500	67 ~ 190	93.5%		
	EUM-200S280Lx	1800 ~ 2800	36 ~ 111	93.0%		
	EUM-200S560Lx	3500 ~ 5600	18 ~ 57	92.0%		
240	EUM-240S105Lx	700 ~ 1050	115 ~ 343	94.0%	101,000 Tc= 70°C	218(201) × 67.5 × 38.5
	EUM-240S150Lx	1050 ~ 1500	80 ~ 229	93.5%		
	EUM-240S350Lx	2150 ~ 3500	35 ~ 111	93.0%		
	EUM-240S670Lx	4200 ~ 6700	18 ~ 57	92.5%		
320	EUM-320S105Lx	700 ~ 1050	153 ~ 457	94.5%	112,000 Tc= 70°C	243(224) × 80 × 44.5
	EUM-320S150Lx	1050 ~ 1500	107 ~ 305	94.0%		
	EUM-320S250Lx	1750 ~ 2500	64 ~ 183	94.0%		
	EUM-320S500Lx	2850 ~ 5000	32 ~ 112	93.5%		
	EUM-320S760Lx	5350 ~ 7600	21 ~ 60	92.5%		

★ : Class 2 Model



Inventronics Advantages

- Full Power at Wide Output Current Range (Constant Power)
- Input Voltage Range: 90 ~ 305Vac
- Adjustable Output Current (AOC) with NFC
- Integrated Power Monitoring with High Accuracy up to $\pm 1\%$
- Output Lumen Compensation
- End-of-Life Indicator
- Input Surge Protection Up to: DM 6kV, CM 10kV
- All-Around Protection: IUV, IOVP, OVP, SCP, OTP
- IP66/IP67
UL Dry/Damp / Wet Location (ET/EG)
- TYPE HL, for use in a Class I, Division 2 Hazardous (Classified) Location (ET/EG)
- Suitable for Luminaires with Protection Class I
- Suitable for Luminaires with Protection Class I and II (EE)
- 5-Year Warranty

Dimming Functions

- 3-Timer-Modes Dimmable
- Dim-to-Off with Standby Power $\leq 0.5W$
- DALI-2 Certified (Part 251 252 253)

Safety Certifications



Power Levels

30W 50W 75W 100W 150W 200W 240W

About EUM-Ex

DALI-2 protocol is developed and maintained by the DALI Alliance. The EUM-Ex series is DALI-2 certified. The drivers offer wireless programmability via Near Field Communication (NFC) to help OEMs streamline production and simplify installation. They allow the luminaire manufacturer to store pertinent fixture information in the driver (Part 251).

The information is read by the DALI-2 control system, stored in a database, and is then useful for asset tracking and informed maintenance (Part 252). They also provide the added convenience of integrated power monitoring, allowing users to measure energy consumption (Part 253). The EG series offers a global cable to reduce inventory SKUs. The ET Series is UL Class P recognized. The EE series is suitable for luminaires with protection Class I and II.

Output Power (W)	Model No.	Full-power Current Range(mA)	Output Voltage Range (Vdc)	Eff.@ 220Vac	Lifetime (hours)	Dimensions (L×W×H)(mm)
30	EUM-030S050Ex	300 ~ 500	30 ~ 100	90.0%	120,000 Tc=70°C	112(94) × 67.5 × 36.5
	EUM-030S105Ex ★	550 ~ 1050	17 ~ 54	87.5%		
50	EUM-050S053Ex	300 ~ 530	47 ~ 167	90.5%	105,000 Tc=70°C	112(94) × 67.5 × 36.5
	EUM-050S090Ex	550 ~ 900	28 ~ 91	89.5%		
	EUM-050S150Ex ★	920 ~ 1500	17 ~ 54	88.5%		
75	EUM-075S053Ex	300 ~ 530	70 ~ 250	92.0%	101,000 Tc=70°C	142(125) × 64 × 36.5
	EUM-075S105Ex	700 ~ 1050	36 ~ 107	91.0%		
	EUM-075S150Ex	1050 ~ 1500	25 ~ 72	90.5%		
	EUM-075S210Ex ★	1400 ~ 2100	18 ~ 54	89.0%		
100	EUM-100S053Ex	350 ~ 530	94 ~ 286	92.0%	101,000 Tc=70°C	148(131) × 64 × 36.5
	EUM-100S105Ex	700 ~ 1050	48 ~ 143	91.5%		
	EUM-100S150Ex	1050 ~ 1500	34 ~ 95	91.5%		
	EUM-100S280Ex ★	1750 ~ 2800	17 ~ 54	90.5%		
150	EUM-150S070Ex	530 ~ 700	107 ~ 284	94.0%	117,000 Tc=70°C	178(161) × 64 × 36.5
	EUM-150S105Ex	700 ~ 1050	72 ~ 214	93.5%		
	EUM-150S150Ex	1050 ~ 1500	50 ~ 143	93.5%		
	EUM-150S210Ex	1400 ~ 2100	36 ~ 107	93.0%		
	EUM-150S420Ex	2680 ~ 4200	18 ~ 56	92.0%		
200	EUM-200S070Ex	530 ~ 700	142 ~ 378	94.0%	104,000 Tc=70°C	188(171) × 64 × 36.5
	EUM-200S105Ex	700 ~ 1050	95 ~ 286	94.0%		
	EUM-200S150Ex	1050 ~ 1500	67 ~ 190	93.0%		
	EUM-200S280Ex	1800 ~ 2800	36 ~ 111	93.0%		
	EUM-200S560Ex	3500 ~ 5600	18 ~ 57	92.5%		
240	EUM-240S070Ex	530 ~ 700	171 ~ 453	94.5%	120,000 Tc=70°C	218(201) × 67.5 × 38.5
	EUM-240S105Ex	700 ~ 1050	115 ~ 343	94.0%		
	EUM-240S150Ex	1050 ~ 1500	80 ~ 229	93.5%		
	EUM-240S350Ex	2150 ~ 3500	35 ~ 111	94.0%		
	EUM-240S670Ex	4200 ~ 6700	18 ~ 57	93.0%		

★ : Class 2 Model



Inventronics Advantages

- High Efficiency (Up to 95.5%)
- Full Power at Wide Output Current Range (Constant Power)
- Adjustable Output Current (AOC) with NFC
- Input Voltage Range: 90 ~ 305Vac
- Always-on Auxiliary Power: 24Vdc, 125mA, 3W (Transient Peak Power up to 10W)
- Integrated 16Vdc Bus Power Supply Based on DALI-2
- Integrated Power Monitoring with High Accuracy up to $\pm 1\%$
- Output Lumen Compensation
- End-of-Life Indicator
- Thermal Sensing and Protection for LED Module
- Input Surge Protection: DM 6kV, CM 10kV
- All-Around Protection: IUVP, IOVP, OVP, SCP, OTP
- IP66 / IP67 and UL Dry / Damp / Wet Location
- TYPE HL, for Use in a Class I, Division 2 Hazardous (Classified) Location
- 7-Year Warranty

Dimming Functions

- DALI-2 and D4i Certified
- 3-Timer-Modes Dimmable
- Dim-to-Off with Standby Power ≤ 0.5 W

Safety Certifications



Power Levels

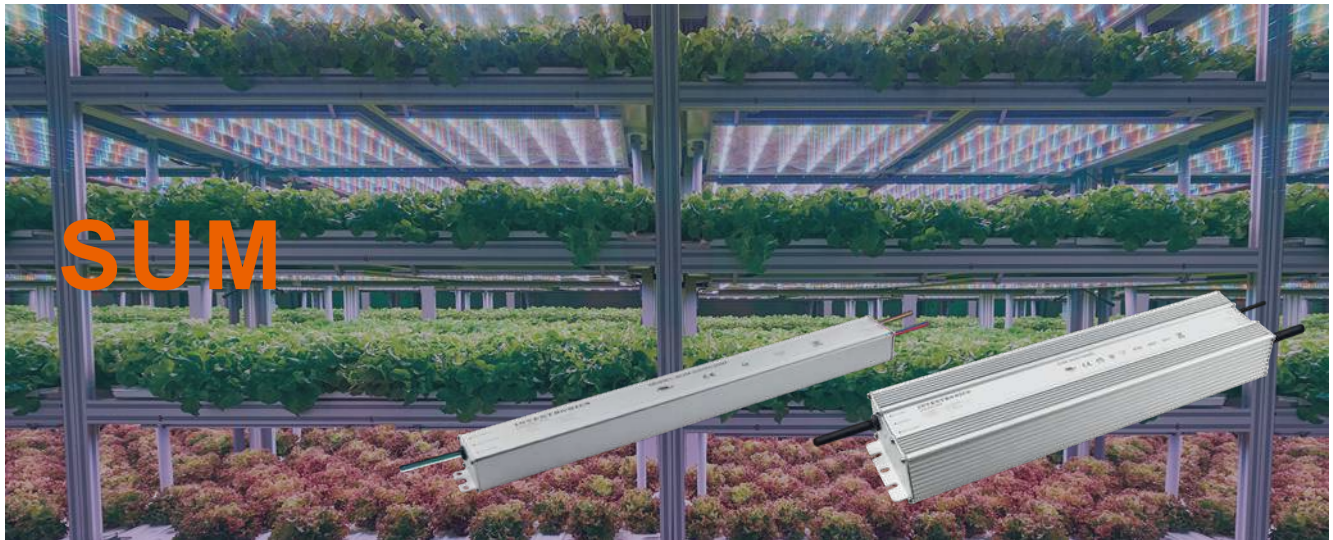
75W 100W 150W 200W 240W 320W 480W 680W

About EUM-Bx

The EUM-Bx series is DALI-2 D4i certified, allowing for extensive health diagnostics tracking for the LED driver, seamless plug-and-play controls, and standardization of intra-luminaire designs. They are extremely flexible with wireless programmability via Near Field Communication (NFC) to help OEMs streamline production and simplify installation. The EUM-Bx series is Controls-Ready with Dim-to-Off and Always-On Auxiliary Power of 24Vdc, 125mA with a transient peak up to 10W. They also provide the added convenience of integrated power monitoring allowing users to measure energy consumption. The BG series provides a global cable to reduce inventory SKUs, the BT Series are UL Class P recognized, and the BB series are BIS certified to offer a solution for a wide range of applications and regions.

Output Power (W)	Model No.	Full-power Current Range(mA)	Output Voltage Range (Vdc)	Eff.@ 220Vac	Lifetime (hours)	Dimensions (L×W×H)(mm)
75	EUM-075S105Bx	700 ~ 1050	36 ~ 107	90.5%	101,000 Tc= 70°C	142(125) × 67.5 × 36.5
	EUM-075S150Bx	1050 ~ 1500	25 ~ 72	89.5%		
	EUM-075S210Bx ★	1400 ~ 2100	18 ~ 54	89.0%		
100	EUM-100S105Bx	700 ~ 1050	48 ~ 143	92.5%	112,000 Tc= 70°C	148(131) × 67.5 × 36.5
	EUM-100S150Bx	1050 ~ 1500	34 ~ 95	92.5%		
	EUM-100S280Bx ★	1750 ~ 2800	17 ~ 54	91.0%		
150	EUM-150S105Bx	700 ~ 1050	72 ~ 214	93.5%	104,000 Tc= 70°C	178(161) × 67.5 × 36.5
	EUM-150S150Bx	1050 ~ 1500	50 ~ 143	93.0%		
	EUM-150S210Bx	1400 ~ 2100	36 ~ 107	92.5%		
	EUM-150S420Bx	2800 ~ 4200	18 ~ 54	91.5%		
200	EUM-200S105Bx	700 ~ 1050	95 ~ 286	93.5%	102,000 Tc= 70°C	188(171) × 67.5 × 36.5
	EUM-200S150Bx	1050 ~ 1500	67 ~ 190	93.5%		
	EUM-200S280Bx	1800 ~ 2800	36 ~ 111	93.0%		
	EUM-200S560Bx	3500 ~ 5600	18 ~ 57	92.0%		
240	EUM-240S105Bx	700 ~ 1050	115 ~ 343	94.0%	101,000 Tc= 70°C	218(201) × 67.5 × 38.5
	EUM-240S150Bx	1050 ~ 1500	80 ~ 229	93.5%		
	EUM-240S350Bx	2150 ~ 3500	35 ~ 111	93.0%		
	EUM-240S670Bx	4200 ~ 6700	18 ~ 57	92.5%		
320	EUM-320S105Bx	700 ~ 1050	153 ~ 457	94.5%	112,000 Tc=70°C	243(224) × 80 × 44.5
	EUM-320S150Bx	1050 ~ 1500	107 ~ 305	94.0%		
	EUM-320S250Bx	1750 ~ 2500	64 ~ 183	94.0%		
	EUM-320S500Bx	2850 ~ 5000	32 ~ 112	93.5%		
	EUM-320S760Bx	5350 ~ 7600	21 ~ 60	92.5%		
480	EUM-480S140BG	1050 ~ 1400	171 ~ 457	95.0%	110,000 Tc=70°C	262(243) × 90 × 43.5
	EUM-480S280BG	2100 ~ 2800	86 ~ 228	95.0%		
	EUM-480S420BG	3150 ~ 4200	57 ~ 152	94.0%		
	EUM-480S560BG	4350 ~ 5600	43 ~ 110	94.0%		
	EUM-480S10ABG	8600 ~ 10000	24 ~ 56	94.0%		
680	EUM-680S170BG	1250 ~ 1700	200 ~ 544	95.5%	107,000 Tc=70°C	275(250) × 135 × 46
	EUM-680S240BG	1800 ~ 2400	141.5 ~ 378	94.5%		
	EUM-680S350BG	2600 ~ 3500	97.1 ~ 262	95.0%		
	EUM-680S560BG	4200 ~ 5600	60.7 ~ 163	94.5%		
	EUM-680S840BG	6300 ~ 8400	40.4 ~ 108	95.0%		
	EUM-680S15ABG	12600 ~ 15000	22.6 ~ 54	95.5%		

★ : Class 2 Model



Common Features

- High Efficiency (Up to 96.0%)
- Full Power at Wide Output Current Range (Constant Power)
- Adjustable Output Current (AOC) with Programmability
- Input Voltage Range: 90 ~ 305Vac
- Fade Time Adjustable
- Output Lumen Compensation
- End-of-Life Indicator
- TYPE HL, for Use in a Class I, Division 2 Hazardous (Classified) Location
- Input Surge Protection Up to: DM 6kV, CM 10kV
- 5-Year Warranty

About SUM

The SUM family encompasses slim products tailored for the horticulture industry and other applications that require a linear form factor and can operate within an input voltage range of 90-305Vac. They provide high efficiency to reduce electricity consumption.

Safety Certifications



Power Levels

110W 220W 330W 440W 760W 1000W 1500W

110W, 220W, 330W, 440W Features

- 43.5mm Width
- Maximum Dimming Level with 9V or 10V Selectable
- Dim-to-Off with Standby Power ≤ 0.5 W (MF Models)
- Dim-to-Low-Voltage(DTLV) with Standby Power ≤ 0.5 W (HF Models)
- Isolated 0-10V / 10V PWM / Resistor / 3-Timer-Modes
- Always-on Auxiliary Power: 12Vdc, 250mA (MF Models)
- Low Inrush Current (Above 220W)
- IP65 and UL Dry / Damp Location
- All-Around Protection: OVP, SCP, OTP

760W, 1000W, 1500W Features

- 90mm Width
- Maximum Dimming Level with 9V or 10V Selectable
- Minimum Dimming Level with 5% or 10% Selectable
- INV Digital Dimming, UART Based Communication Protocol
- Isolated 0-10V / PWM / Resistor / 3-Timer-Modes
- Always-on Auxiliary Power: 12Vdc, 250mA
- Dim-to-Off with Standby Power ≤ 0.5 W
- Hot-Plugging Protection
- Parallel LED Protection
- IP66 / IP67 and UL Dry / Damp / Wet Location
- All-Around Protection: IOVP, IUVP, OVP, SCP, OTP

Output Power (W)	Model No.	Full-power Current Range(mA)	Output Voltage Range (Vdc)	Eff.@ 220Vac	Lifetime (hours)	Dimensions (L×W×H)(mm)
110	SUM-110S105Mx/HF	700 ~ 1050	80 ~ 157	Mx:91.5% HF:91.0%	120,000 Tc=70°C	MF/HF: 210(186) × 43.5 × 31.5 MG/MT: 220(196) × 43.5 × 31.5
	SUM-110S260Mx/HF	1950 ~ 2600	30 ~ 56	Mx:91.0% HF:90.5%	120,000 Tc=70°C	
220	SUM-220S530Mx/HF	4100 ~ 5300	30 ~ 54	94.0%	120,000 TC=70°C	MF/HF: 296(272) × 43.5 × 31.5 MG/MT: 306(282) × 43.5 × 31.5
330	SUM-330S690Mx/HF	6100 ~ 6900	34 ~ 54	Mx:95.5% HF:95.0%	120,000 Tc=70°C	MF/HF: 396(372) × 43.5 × 31.5 MG/MT: 406(382) × 43.5 × 31.5
440	SUM-440S920Mx/HF	8200 ~ 9200	34 ~ 54	94.0%	100,000 TC=70°C	MF/HF: 426(402) × 43.5 × 31.5 MG/MT: 436(412) × 43.5 × 31.5
760	SUM-760S15AMx①	14000 ~ 15800	34 ~ 54	95.5%	102,000 Tc=70°C	379(354) × 90 × 48.5
1000	SUM-1K0S400Mx	3200 ~ 4000	175 ~ 312	95.0%	110,000 Tc=70°C	414(389) × 90 × 48.5
	SUM-1K0S840Mx	6720 ~ 8400	84 ~ 149	95.0%	110,000 Tc=70°C	414(389) × 90 × 48.5
	SUM-1K0S21AMx	18500 ~ 21000	34 ~ 54	95.5%	110,000 Tc=70°C	414(389) × 90 × 48.5
1500	SUM-1K5S600Mx	4000 ~ 6000	175 ~ 375	96.0%	104,000 Tc=70°C	489(464) × 90 × 48.5
	SUM-1K5S12AMx	10000 ~ 12500	84 ~ 150	96.0%	104,000 Tc=70°C	489(464) × 90 × 48.5
	SUM-1K5S31AMx	28000 ~ 31500	34 ~ 54	96.0%	104,000 Tc=70°C	489(464) × 90 × 48.5

① : x = G are UL Recognized, CE, etc. models; x = T are UL Recognized, CE(built-in-use), etc. models.



Common Features

- Ultra High Efficiency (Up to 95.5%)
- Full Power at Wide Output Current Range (Constant Power)
- Input Voltage Range: 90 ~ 305Vac
- Adjustable Output Current (AOC) with Programmability
- INV Digital Dimming, UART Based Communication Protocol
- Minimum Dimming Level with 5% or 10% Selectable
- Maximum Dimming Level with 9V or 10V Selectable
- Fade Time Adjustable
- Always-on Auxiliary Power: 12Vdc, 250mA
- Hot-plugging Protection
- Parallel LED Protection
- Low Inrush Current
- Output Lumen Compensation
- End-of-Life Indicator
- Input Surge Protection: DM 6kV, CM 10kV
- All-Around Protection: IOVP, IUVP, OVP, SCP, OTP
- 5-Year Warranty

SUM-MGS Version Features

- Panel Mount Connectors Facilitate Installation
- IP66/IP67 and UL Dry/Damp/Wet Location
- TYPE HL, for Use in a Class I, Division 2 Hazardous (Classified) Location

SUM-MGR Version Features

- Mount Connectors Facilitates Installation
- Rotary Switch+RJ12 Connector
- IP66 and UL Dry/Damp/Wet Location

About SUM-MGS/MGR

The SUM-MGS/MGR series is a constant-current, programmable LED driver that operates from 90-305Vac input designed for many lighting applications, including high mast, sports, UV-LED, aquaculture, horticulture, etc. It provides panel mount connectors to facilitate installation. It offers a rotary switch, RJ12 connector, and dim-to-off functionality. The dimming control supports 0-10V dimming and two-way communication via Digital Dimming, a UART-based communication protocol. The high efficiency of these drivers and compact metal case enables them to run cooler, significantly improving reliability and extending product life. To ensure a trouble-free operation, protection is provided against input surge, input under-voltage, input over-voltage, output over-voltage, short circuit, and over-temperature.

Dimming Functions

- Isolated 0-10V/PWM/Resistor/3-Timer-Modes Dimmable
- Dim-to-Off with Standby Power $\leq 0.5W$

Safety Certifications



global-mark

Power Levels

760W 1000W

Output Power (W)	Model No.	Full-power Current Range(mA)	Output Voltage Range (Vdc)	Eff.@ 220Vac	Lifetime (hours)	Dimensions (L×W×H)(mm)
760	SUM-760S15AMGS	14000 ~ 15800	34 ~ 54	95.5%	102,000 Tc=70°C	415(390) × 108 × 48.5
	SUM-760S15AMGR	14000 ~ 15800	34 ~ 54	95.5%	102,000 Tc=70°C	415(390) × 108 × 48.5
1000	SUM-1K0S400MGS	3200 ~ 4000	175 ~ 312	95.0%	110,000 Tc=70°C	450(425) × 108 × 48.5
	SUM-1K0S840MGS	6720 ~ 8400	84 ~ 149	95.0%		
	SUM-1K0S20AMGS	18500 ~ 20000	34 ~ 54	95.5%		
	SUM-1K0S400MGR	3200 ~ 4000	175 ~ 312	95.0%	110,000 Tc=70°C	450(425) × 108 × 48.5
	SUM-1K0S840MGR	6720 ~ 8400	84 ~ 149	95.0%		
	SUM-1K0S20AMGR	18500 ~ 20000	34 ~ 54	95.5%		



Inventronics Advantages

- High Efficiency (Up to 94.0%)
- Full Power at Wide Output Current Range (Constant Power)
- Adjustable Output Current (AOC) with Programmability
- Input Voltage Range: 90 ~ 305Vac
- Compact Metal Case with Excellent Thermal Performance
- Output Lumen Compensation
- Input Surge Protection Up to: DM 6kV, CM 10kV
- All-Around Protection: OVP, SCP, OTP
- IP66 / IP67
- SELV Output Models Available
- Suitable for Luminaires with Protection Class I and II
- 5-Year Warranty

Dimming Functions

Isolated 1-5V / 1-10V / 10V PWM / 3-Timer-Modes

Safety Certifications



Power Levels

30W 50W 75W 100W 150W 200W 240W

About EUM-DE

The EUM-DE series is the new generation of LED drivers certified for Class I and Class II luminaires. They are IP66/IP67 rated and offer flexibility for installation reducing production time and reducing assembly costs. They also provide reliability and quality performance with built-in surge protection and output lumen compensation.

Output Power (W)	Model No.	Full-power Current Range(mA)	Output Voltage Range (Vdc)	Eff.@ 220Vac	Lifetime (hours)	Dimensions (L×W×H)(mm)
30	EUM-030S050DE	300 ~ 500	30 ~ 100	88.0%	120,000 Tc=70°C	112(95) × 64 × 36.5
	EUM-030S105DE	550 ~ 1050	17 ~ 54	87.0%		
50	EUM-050S053DE	300 ~ 530	47 ~ 167	90.5%	103,000 Tc=70°C	112(95) × 64 × 36.5
	EUM-050S090DE	550 ~ 900	28 ~ 91	89.0%		
	EUM-050S150DE	920 ~ 1500	17 ~ 54	88.0%		
75	EUM-075S053DE	300 ~ 530	70 ~ 250	92.0%	100,000 Tc=70°C	153(136) × 60 × 36.5
	EUM-075S105DE	700 ~ 1050	36 ~ 107	90.5%		
	EUM-075S150DE	1050 ~ 1500	25 ~ 72	90.5%		
	EUM-075S210DE	1400 ~ 2100	18 ~ 54	89.5%		
100	EUM-100S053DE	350 ~ 530	94 ~ 286	94.0%	114,000 Tc=70°C	153(136) × 60 × 36.5
	EUM-100S105DE	700 ~ 1050	48 ~ 143	93.0%		
	EUM-100S150DE	1050 ~ 1500	34 ~ 95	93.0%		
	EUM-100S280DE	1750 ~ 2800	17 ~ 54	92.0%		
150	EUM-150S070DE	530 ~ 700	107 ~ 284	93.5%	106,000 Tc=70°C	183(166) × 60 × 36.5
	EUM-150S105DE	700 ~ 1050	72 ~ 214	93.0%		
	EUM-150S150DE	1050 ~ 1500	50 ~ 143	93.5%		
	EUM-150S210DE	1400 ~ 2100	36 ~ 107	92.0%		
	EUM-150S420DE	2800 ~ 4200	18 ~ 54	91.5%		
200	EUM-200S070DE	530 ~ 700	142 ~ 378	94.0%	100,000 Tc=70°C	193(176) × 60 × 36.5
	EUM-200S105DE	700 ~ 1050	95 ~ 286	93.5%		
	EUM-200S150DE	1050 ~ 1500	67 ~ 190	93.0%		
	EUM-200S280DE	1800 ~ 2800	36 ~ 111	92.5%		
	EUM-200S560DE	3500 ~ 5600	18 ~ 57	92.0%		
240	EUM-240S070DE	530 ~ 700	171 ~ 453	94.0%	100,000 Tc=70°C	223(206) × 60 × 38.5
	EUM-240S105DE	700 ~ 1050	115 ~ 343	94.0%		
	EUM-240S150DE	1050 ~ 1500	80 ~ 229	93.5%		
	EUM-240S350DE	2150 ~ 3500	35 ~ 111	93.0%		
	EUM-240S670DE	4200 ~ 6700	18 ~ 57	92.5%		



Inventronics Advantages

- High Efficiency (Up to 94.0%)
- Compact Metal Case with Excellent Thermal Performance
- Input Over Voltage Protection (IOVP) at 440Vac with 48 Hours
- Full Power at Wide Output Current Range (Constant Power)
- Input Voltage Range: 90 ~ 305Vac
- Adjustable Output Current (AOC) with Potentiometer (SB Model)
- Adjustable Output Current (AOC) with Programmability (DB Model)
- Non-dimming Control (SB Model)
- Output Lumen Compensation (DB Model)
- Input Surge Protection: DM 4kV, CM 6kV
- All-Around Protection: IOVP, OVP, SCP, OTP
- IP66 / IP67
- SELV Output (DB Model)
- 5-Year Warranty

Dimming Functions

Isolated 0-10V/10V PWM/3-Timer-Modes Dimmable (DB Model)

About EAM-SB/DB

Inventronics EAM family leverages many of the next-generation platform enhancements we introduced in our EUM series but with an advanced circuitry design making it ideal for those markets that face challenging power regulations. This family offers an adjustable output current that provides constant power over a wide range of output currents. For additional protection they are equipped with an added 440Vac input over voltage protection feature and industry-leading surge protection.

Safety Certifications



Power Levels

75W 100W 150W 200W 240W

Output Power (W)	Model No.	Full-power Current Range(mA)	Output Voltage Range (Vdc)	Eff.@ 220Vac	Lifetime (hours)	Dimensions (L×W×H)(mm)
75	EAM-075S105SB	700 ~ 1050	36 ~ 107	90.0%	105,000 Tc= 70°C	142(125) × 60 × 36.5
	EAM-075S150SB	1050 ~ 1500	25 ~ 72	90.0%		
	EAM-075S210SB	1400 ~ 2100	18 ~ 54	89.0%		
100	EAM-100S105SB	700 ~ 1050	48 ~ 143	92.0%	114,000 Tc= 70°C	148(131) × 60 × 36.5
	EAM-100S150SB	1050 ~ 1500	34 ~ 95	91.5%		
	EAM-100S280SB	1750 ~ 2800	17 ~ 54	90.5%		
150 (Update)	EAM-150S105SB/DB	700 ~ 1050	72 ~ 214	SB: 92.0% DB: 94.0%	109,000 Tc= 70°C(SB) 111,000 Tc=70°C(DB)	178(161) × 60 × 36.5(SB) 178(161) × 60 × 33.2(DB)
	EAM-150S150SB	1050 ~ 1500	50 ~ 143	92.5%		
	EAM-150S210SB/DB	1400 ~ 2100	36 ~ 107	SB: 91.5% DB: 92.5%		
	EAM-150S420SB/DB	2800 ~ 4200	18 ~ 54	SB: 91.0% DB: 92.0%		
200	EAM-200S105SB/DB	700 ~ 1050	95 ~ 286	93.5%	120,000 Tc= 70°C(SB) 106,000 Tc= 70°C(DB)	188(171) × 60 × 36.5
	EAM-200S150SB/DB	1050 ~ 1500	67 ~ 190	93.5%		
	EAM-200S280SB/DB	1800 ~ 2800	36 ~ 111	SB: 93.5% DB: 92.5%		
	EAM-200S560SB/DB	3500 ~ 5600	18 ~ 57	SB: 92.5% DB: 92.0%		
240	EAM-240S105SB/DB	700 ~ 1050	115 ~ 343	94.0%	111,000 Tc=70°C	228(211) × 60 × 38.5
	EAM-240S350SB/DB	2150 ~ 3500	35 ~ 111	93.0%		
	EAM-240S670SB/DB	4200 ~ 6700	18 ~ 57	93.0%		



Inventronics Advantages

- High Efficiency (Up to 93.0%)
- Full Power at Wide Output Current Range (Constant Power)
- Adjustable Output Current (AOC) with Programmability
- Input Voltage Range: 90 ~ 305Vac
- 100% Load Max Each Channel
- Adjust Color Temperature Continuously
- Adjust Intensity and Color Temperature Separately
- Flicker-Free
- Output Lumen Compensation
- Complete Independent Two Channels(Optional)
- Dim-to-Off with Standby Power in Independent Mode (Optional)
- Input Surge Protection Up to: DM 6KV, CM10KV
- All-Around Protection: OVP, SCP, OTP
- IP66 / IP67 and UL Dry / Damp Location
- SELV Output Models Available
- TYPE HL, for Use in a Class I, Division 2 Hazardous (Classified) Location
- 5-Year Warranty

About EUW

The EUW Family is IP66/IP67 rated and consists of tunable white LED drivers that provide two separate channels for adjusting intensity and color temperature separately and continuously. They also provide isolated dimming controls, programmability and a compact shape for design versatility.

Dimming Functions

Isolated 1-5V / 1-10V / 10V PWM / 3-Timer-Modes Dimmable

Safety Certifications



Power Levels

40W 60W 100W 150W 200W 240W

Output Power (W)	Model No.	Full-power Current Range(mA)	Output Voltage Range (Vdc)	Eff.@ 220Vac	Lifetime (hours)	Dimensions (L×W×H)(mm)
40	EUW-040D105Dx ①	700 ~ 1050	20 ~ 58	88.5%	120,000 Tc= 70°C	142(125) × 64 × 36.5
60	EUW-060D105Dx	700 ~ 1050	28 ~ 86	89.0%	106,000 Tc= 70°C	142(125) × 64 × 36.5
100	EUW-100D105Dx	700 ~ 1050	53 ~ 143	92.0%	119,000 Tc=70°C	197(180) × 64 × 36.5
	EUW-100D210Dx	1850 ~ 2100	34 ~ 54	91.0%		
150	EUW-150D140Dx	1050 ~ 1400	53 ~ 143	93.0%	106,000 Tc=70°C	197(180) × 64 × 36.5
	EUW-150D320Dx	2800 ~ 3200	34 ~ 54	91.5%		
200	EUW-200D140Dx	1050 ~ 1400	80 ~ 190	93.0%	101,000 Tc=70°C	247(230) × 64 × 36.5
	EUW-200D420Dx	3700 ~ 4200	34 ~ 54	92.0%		
240	EUW-240D140Dx	1050 ~ 1400	80 ~ 228	94.0%	100,000 Tc=70°C	247(230) × 64 × 36.5
	EUW-240D500Dx	4500 ~ 5000	34 ~ 54	92.0%		

①: x = V is CCC model; x = F is UL,FCC model.



Inventronics Advantages

- High Efficiency (Up to 90.0%)
- Low THD, 10% Max up to 240 Vac
- Constant-Current Output
- Input Voltage Range: 90 ~ 305Vac
- Input UVP and Input OVP
- Input Surge Protection: DM 4kV, CM 6kV
- All-Around Protection: OVP, SCP, OTP
- IP66 / IP67 and UL Dry / Damp Location
- Class 2 & SELV Output Models Available
- TYPE HL, for Use in a Class I, Division 2 Hazardous (Classified) Location
- 5-Year Warranty

About EUC-M

Inventronics low power, IP66 / 67 rated EUC family is ideal for projects that need luminaires at lower levels of brightness without the need for programmability. The EUC family is designed to help improve costs without sacrificing performance, and their compact shape offers more flexibility to fit inside a multitude of luminaires. They provide exceptional thermal performance, low THD, and higher surge protection.

Dimming Functions

Isolated 1-10V (DTM / DVM Models)

Safety Certifications



Power Levels

26W 30W 35W 40W 60W

Output Power (W)	Model No.	Full-power Current Range(mA)	Output Voltage Range (Vdc)	Eff.@ 220Vac	Lifetime (hours)	Dimensions (L×W×H)(mm)
26	EUC-026S050STM/SVM0003	350	37 ~ 74	88.5%	84,000 Tc= 70°C	97(80) × 64 × 32
	EUC-026S070STM/SVM0004	500	26 ~ 52	88.0%		
	EUC-026S070STM/SVM0002	600	22 ~ 43	88.0%		
	EUC-026S070STM/SVM	700	20 ~ 37	87.0%		
30	EUC-030S035DTM/DVM	350	37 ~ 75	85.0%	88,000 Tc= 75°C	105(88) × 64 × 32
	EUC-030S050DTM/DVM	500	29 ~ 60	87.0%		
	EUC-030S070DTM/DVM ★	700	20 ~ 43	85.5%		
35	EUC-035S070STM/SVM0004	500	32 ~ 64	87.0%	80,000 Tc= 70°C	97(80) × 64 × 32
	EUC-035S070SVM	700	25 ~ 50	87.0%		
	EUC-035S105STM0007 ★	700	25 ~ 47	86.0%		
	EUC-035S105STM/SVM0004 ★	860	20 ~ 41	86.0%		
	EUC-035S105STM/SVM ★	1050	18 ~ 33	86.0%		
40	EUC-040S070DTM0004	500	40 ~ 80	87.0%	93,000 Tc= 75°C	105(88) × 64 × 32
	EUC-040S070DTM	700	32 ~ 57	86.0%		
	EUC-040S110DTM0005 ★	860	23 ~ 45	86.0%		
	EUC-040S110DTM0001 ★	1050	21 ~ 38	85.0%		
	EUC-040S070DVM0004	500	40 ~ 80	87.0%		
	EUC-040S070DVM	700	32 ~ 57	86.0%		
	EUC-040S105DVM0004	860	23 ~ 47	86.0%		
	EUC-040S105DVM	1050	21 ~ 38	85.0%		
60	EUC-060S070DTM/DVM0004	500	60 ~ 120	90.0%	95,900 Tc= 70°C	112(95) × 64 × 32
	EUC-060S070DTM/DVM	700	48 ~ 86	89.0%		
	EUC-060S105DTM/DVM0004	860	35 ~ 70	89.0%		
	EUC-060S105DTM/DVM	1050	34 ~ 57	89.0%		
	EUC-060S180DTM/DVM0006 ★	1200	25 ~ 50	89.0%		
	EUC-060S180DTM/DVM0004 ★	1400	21 ~ 43	88.0%		
	EUC-060S180DTM/DVM ★	1800	20 ~ 33	87.0%	85,800 Tc= 70°C	112(95) × 64 × 32
	EUC-060S070STM/SVM0004	500	60 ~ 120	90.0%		
	EUC-060S070STM/SVM	700	48 ~ 86	89.0%		
	EUC-060S105STM/SVM0004	860	35 ~ 70	89.0%		
	EUC-060S105STM/SVM	1050	34 ~ 57	89.0%		
	EUC-060S180STM/SVM0006 ★	1200	25 ~ 50	89.0%		
	EUC-060S180STM/SVM0004 ★	1400	21 ~ 43	88.0%		
	EUC-060S180STM/SVM ★	1800	20 ~ 33	87.0%		

★ : Class 2 Model



Inventronics Advantages

- Full Power at Wide Output Current Range (Constant Power)
- Adjustable Output Current (AOC) with Programmability
- Input Voltage Range: 90 ~ 305Vac
- Adjustable Dimming Curve
- Dimming Port Withstand 240Vac Version Optional
- High Reliability & Long Lifetime: 100,000 hrs, at 70°C Case Temperature
- Output Lumen Compensation
- End-of-Life Indicator
- Input Surge Protection: DM 4kV, CM 6kV
- All-Around Protection: OVP, SCP, OTP
- IP66/IP67 and UL Dry/Damp/Wet Location
- SELV Output
- TYPE HL, for use in a Class I, Division 2 Hazardous (Classified) Location
- Suitable for Class I Luminaires
- 5-Year Warranty

Dimming Functions

- Isolated 1(0)-5V/1(0)-10V/10V PWM/3-Timer-Modes
- Dim-to-Low-Voltage with Standby Power $\leq 0.5W$

Safety Certifications



Power Levels

40W 60W

About EUC-Hx

The EUC-Hx series offers full-power at a wide output current range and adjustable dimming curve. They meet IP66/IP67 and support Dim-to-Low-Voltage with standby power less than 0.5W. They also provide reliability and quality performance with built-in surge protection and output lumen compensation. They are created for many lighting applications including tunnel and street, etc.

Output Power (W)	Model No.	Full-power Current Range(mA)	Output Voltage Range (Vdc)	Eff.@ 220Vac	Lifetime (hours)	Dimensions (L×W×H)(mm)
40	EUC-040S070Hx	500 ~ 700	40 ~ 80	87.0%	100,000 Tc=70°C	112(95) x 64 x 32
	EUC-040S105Hx	700 ~ 1050	28 ~ 57	86.0%		
60	EUC-060S070Hx	500 ~ 700	60 ~ 120	89.0%	100,000 Tc=70°C	112(95) x 64 x 32
	EUC-060S105Hx	700 ~ 1050	43 ~ 86	88.0%		
	EUC-060S180Hx	1200 ~ 1800	25 ~ 50	88.0%		



Inventronics Advantages

- High Efficiency (Up to 95.0%)
- Full Power at Wide Output Current Range (Constant Power)
- Adjustable Output Current (AOC) with Programability
- Input Voltage Range: 90 ~ 305Vac
- Thermal Sensing and Protection for LED Module
- Output Lumen Compensation
- Input Surge Protection: DM 6kV, CM 10kV
- All-Around Protection: OVP, SCP, OTP
- IP67 and UL Dry / Damp / Wet Location
- Always-on Auxiliary Power: 12Vdc, 200mA (Transient Peak Current up to 400mA)
- TYPE HL, for Use in a Class I, Division 2 Hazardous (Classified) Location
- 7-Year Warranty

About EUD

Inventronics EUD family of Controls-Ready programmable outdoor drivers is designed to provide additional features to existing product lines. Their Dim-to-Off capabilities make them easier to integrate with sensors and control systems providing optimal flexibility. They also offer superior surge protection, better thermal performance, and higher efficiency and reliability than most competitors.

Dimming Functions

- 0-10V / PWM / 3-Timer-Modes (DT / DV / DTA / DVA Models)
- DALI / 3-Timer-Modes (BT / BV / BTA / BVA Models)
- Dim-to-Off with Standby Power ≤ 0.5 W
- Digital Dimming Optional

Safety Certifications



Power Levels

96W 150W 200W 240W 320W 480W 600W

Output Power (W)	Model No.	Full-power Current Range(mA)	Output Voltage Range (Vdc)	Eff.@ 220Vac	Lifetime (hours)	Dimensions (L×W×H)(mm)
96	EUD-096S070BTA/BVA/DTA/DVA	450 ~ 700	74 ~ 213	91.5%	104,000 Tc= 70°C	201(180) × 67.5 × 36.5
	EUD-096S105BTA/BVA/DTA/DVA	700 ~ 1050	48 ~ 137	92.5%		
	EUD-096S210BTA/BVA/DTA/DVA	1400 ~ 2100	24 ~ 69	93.0%		
	EUD-096S215DTA ★	1750 ~ 2150	24 ~ 55	92.5%		
	EUD-096S350BTA/BVA/DTA/DVA ★	2450 ~ 3500	14 ~ 39	91.0%		
150	EUD-150S105BTA/BVA/DTA/DVA	700 ~ 1050	75 ~ 214	94.0%	100,000 Tc= 70°C	225(204) × 67.5 × 39.7
	EUD-150S210BTA/BVA/DTA/DVA	1400 ~ 2100	38 ~ 107	94.0%		
	EUD-150S350BTA/BVA/DTA/DVA	2450 ~ 3500	22 ~ 61	93.5%		
	EUD-150S560BTA/BVA/DTA/DVA	3850 ~ 5600	14 ~ 39	92.5%		
200	EUD-200S105BTA/BVA/DTA/DVA	700 ~ 1050	95 ~ 286	94.5%	108,000 Tc= 70°C	231(210) × 67.5 × 39.5
	EUD-200S210BTA/BVA/DTA/DVA	1400 ~ 2100	48 ~ 143	94.0%		
	EUD-200S350BTA/BVA/DTA/DVA	2450 ~ 3500	29 ~ 82	93.5%		
	EUD-200S560BTA/BVA/DTA/DVA	3850 ~ 5600	18 ~ 52	93.0%		
240	EUD-240S105BTA/BVA/DTA/DVA	700 ~ 1050	114 ~ 343	94.0%	96,000 Tc= 70°C	240(219) × 67.5 × 39.7
	EUD-240S150BTA/BVA	1050 ~ 1500	80 ~ 229	93.0%		
	EUD-240S210BTA/BVA/DTA/DVA	1400 ~ 2100	57 ~ 171	93.5%		
	EUD-240S420BTA/BVA/DTA/DVA	2800 ~ 4200	29 ~ 86	93.0%		
	EUD-240S670BTA/BVA/DTA/DVA	4450 ~ 6700	18 ~ 54	93.0%		
320	EUD-320S150BT/BV/DT/DV	1050 ~ 1500	107 ~ 305	94.0%	97,000 Tc= 70°C	251(225) × 98 × 44.8
	EUD-320S220BT/BV/DT/DV	1540 ~ 2200	73 ~ 208	93.5%		
	EUD-320S320BT/BV/DT/DV	2240 ~ 3200	50 ~ 143	93.5%		
	EUD-320S460BT/BV/DT/DV	3220 ~ 4600	35 ~ 100	93.5%		
	EUD-320S670BT/BV/DT/DV	4690 ~ 6700	24 ~ 68	93.5%		
480	EUD-480S140DT/DV	1050 ~ 1400	171 ~ 457	95.0%	91,000 Tc= 70°C	262(235) × 125 × 43.5
	EUD-480S280DT/DV	2100 ~ 2800	86 ~ 228	94.0%		
	EUD-480S420DT/DV	3150 ~ 4200	57 ~ 152	94.5%		
	EUD-480S560DT/DV	4350 ~ 5600	43 ~ 110	94.0%		
	EUD-480S10ADT/DV	7500 ~ 10000	24 ~ 64	94.0%		
600	EUD-600S140DT/DV/BT/BV	1100 ~ 1400	214 ~ 545	94.5%	90,000 Tc= 70°C	275(250) × 144 × 48.5
	EUD-600S170DT/DV	1360 ~ 1700	176 ~ 441	94.0%		
	EUD-600S210DT/DV	1680 ~ 2100	143 ~ 357	94.5%		
	EUD-600S280BT/BV/DT/DV	2240 ~ 2800	108 ~ 268	95.0%		
	EUD-600S420BT/BV/DT/DV	3360 ~ 4200	72 ~ 178	94.5%		
	EUD-600S560BT/BV/DT/DV	4480 ~ 5600	54 ~ 134	94.5%		
	EUD-600S740BT/BV/DT/DV	5920 ~ 7400	41 ~ 101	94.0%		
	EUD-600S980BT/BV/DT/DV	7840 ~ 9800	31 ~ 76	94.0%		
	EUD-600S12ADT/DV	10000 ~ 12500	24 ~ 60	94.0%		

★ : Class 2 Model



Inventronics Advantages

- High Efficiency (Up to 93.5%)
- Innovative Design without Electrolytic Capacitors
- Full Power at Wide Output Current Range (Constant Power)
- Adjustable Output Current (AOC) with Programability
- Input Voltage Range: 90 ~ 305Vac
- Always-on Auxiliary Power: 12Vdc, 200mA
- Thermal Sensing and Protection for LED Module
- Output Lumen Compensation
- Input Surge Protection: DM 6kV, CM 10kV
- All-Around Protection: OVP, SCP, OTP
- IP67 and UL Dry / Damp / Wet Location
- Class 2 & SELV Output Models Available
- TYPE HL, for Use in a Class I, Division 2 Hazardous (Classified) Location
- 10-Year Warranty

Dimming Functions

- 0-10V / PWM / 3-Timer-Modes
- Dim-to-Off with Standby Power ≤ 0.5 W

Safety Certifications



Power Levels

96W 150W 240W

About EUD-L

The EUD-DTL / DVL series consists of industry leading Controls-Ready, programmable LED drivers offering an ultra-long lifetime and are backed by a 10-year warranty. Their innovative design removes electrolytic capacitors, which are the primary limitation in the lifespan of traditional driver designs, and integrates other unique design features to provide a more robust driver for applications requiring an extremely long operation life. This series provides a high level of flexibility with several models supplying 96W-240W power ranges, programmable output currents from 450-6700mA, and multiple dimming options.

Output Power (W)	Model No.	Full-power Current Range(mA)	Output Voltage Range (Vdc)	Eff.@ 220Vac	Lifetime (hours)	Dimensions (L×W×H)(mm)
96	EUD-096S070DTL/DVL	450 ~ 700	74 ~ 213	92.5%	100,000 Tc= 85°C	201(180) × 67.5 × 36.5
	EUD-096S105DTL/DVL	700 ~ 1050	48 ~ 137	92.0%		
	EUD-096S210DTL/DVL	1400 ~ 2100	24 ~ 69	91.5%		
	EUD-096S215DTL ★	1750 ~ 2150	24 ~ 55	91.0%		
	EUD-096S350DTL/DVL ★	2450 ~ 3500	14 ~ 39	91.5%		
150	EUD-150S070DTL/DVL	450 ~ 700	117 ~ 333	93.0%	100,000 Tc= 85°C	209(188) × 67.5 × 39.7
	EUD-150S105DTL/DVL	700 ~ 1050	75 ~ 214	93.0%		
	EUD-150S210DTL/DVL	1400 ~ 2100	38 ~ 107	92.5%		
	EUD-150S350DTL/DVL	2450 ~ 3500	22 ~ 61	92.0%		
	EUD-150S560DTL/DVL	3850 ~ 5600	14 ~ 39	91.0%		
240	EUD-240S105DTL/DVL	700 ~ 1050	114 ~ 343	93.5%	100,000 Tc= 85°C	246(225) × 67.5 × 39.7
	EUD-240S210DTL/DVL	1400 ~ 2100	57 ~ 171	93.5%		
	EUD-240S420DTL/DVL	2800 ~ 4200	29 ~ 86	92.5%		
	EUD-240S670DTL/DVL	4450 ~ 6700	18 ~ 54	92.5%		

★ : Class 2 Model



Inventronics Advantages

- High Efficiency (Up to 93.5%)
- Constant-Voltage Output
- Input Voltage Range Up to: 90 ~ 305Vac
- Input Surge Protection Up to: DM 6kV, CM 10kV
- All-Around Protection: OVP, SCP, OTP, OCP
- IP67 and UL Dry / Damp / Wet Location
- Class 2 & SELV Output Models Available
- TYPE HL, for Use in a Class I, Division 2 Hazardous (Classified) Location
- 5-Year Warranty

About EUV

Inventronics EUV Series offers a broad portfolio of constant-voltage LED drivers providing flexibility with a wide range of power and voltage levels. They provide extreme durability with an IP67 rating, encapsulated design for enhanced thermal conduction and protection against vibration, as well as a high level of built-in surge protection.

Dimming Functions

Isolated 0-10V (DTA / DVA Models)

Safety Certifications



Power Levels

150W 200W 250W 300W 600W

Output Power (W)	Model No.	Output Current Range (A)	Output Voltage (Vdc)	Eff. @ 220Vac	Lifetime (hours)	Dimensions (L×W×H)(mm)
150	EUV-150S012ST/SV	0 ~ 12.50	12	92.0%	77,200 Tc= 60°C	226(199) × 67.5 × 39.5
	EUV-150S024ST/SV	0 ~ 6.25	24	93.0%		
	EUV-150S036ST/SV	0 ~ 4.17	36	93.0%		
	EUV-150S042ST/SV	0 ~ 3.57	42	93.0%		
	EUV-150S048ST/SV	0 ~ 3.13	48	93.0%		
	EUV-150S054ST/SV	0 ~ 2.78	54	93.0%		
	EUV-150S012STA/SVA/DTA/DVA	0 ~ 12.50	12	90.0%	89,000 Tc= 70°C	201(180) × 67.5 × 36.5
	EUV-150S024STA/SVA/DTA/DVA	0 ~ 6.25	24	90.5%		
200	EUV-200S012ST/SV	0 ~ 15.00	12	91.0%	95,200 Tc= 60°C	226(199) × 67.5 × 39.5
	EUV-200S024ST/SV	0 ~ 8.33	24	92.0%		
	EUV-200S036ST/SV	0 ~ 5.56	36	92.0%		
	EUV-200S042ST/SV	0 ~ 4.76	42	92.5%		
	EUV-200S048ST/SV	0 ~ 4.17	48	92.5%		
	EUV-200S054ST/SV	0 ~ 3.70	54	92.5%		
250	EUV-250S012ST/SV	0 ~ 18.33	12	91.5%	59,400 Tc= 60°C	251(224) × 90 × 37
	EUV-250S024ST/SV	0 ~ 10.41	24	92.0%		
	EUV-250S028ST/SV	0 ~ 8.93	28	92.0%		
	EUV-250S036ST/SV	0 ~ 6.94	36	92.5%		
	EUV-250S042ST/SV	0 ~ 5.95	42	92.5%		
	EUV-250S048ST/SV	0 ~ 5.20	48	93.0%		
	EUV-250S054ST/SV	0 ~ 4.62	54	93.5%		
300	EUV-300S012ST/SV	0 ~ 22.90	12	91.5%	58,000 Tc= 60°C	251(224) × 98 × 44.5
	EUV-300S024ST/SV	0 ~ 12.50	24	91.0%		
	EUV-300S028ST/SV	0 ~ 10.71	28	91.5%		
	EUV-300S036ST/SV	0 ~ 8.33	36	92.0%		
	EUV-300S042ST/SV	0 ~ 7.14	42	92.0%		
	EUV-300S048ST/SV	0 ~ 6.25	48	92.5%		
	EUV-300S054ST/SV	0 ~ 5.56	54	93.0%		
600	EUV-600S048SV	0 ~ 12.50	48	92.5%	106,000 Tc= 70°C	275(250) × 144 × 48.5
	EUV-600S054SV	0 ~ 11.20	54	93.0%		



Inventronics Advantages

- High Efficiency up to 93.5%
- Constant Output Voltage
- Input Voltage Range Up to: 90 ~ 305Vac
- No-Load Power < 0.5W
- Excellent Thermal Performance up to 50°C Ambient Temperature
- Input Surge Protection: DM 2kV
- All-Around Protection: OCP, OVP, OTP, SCP
- Isolated Plastic Case
- Class II
- SELV Output
- 5-Year Warranty

About LUV

Inventronics LUV series are constant voltage LED drivers with plastic enclosures. These drivers function within an input range of 90-305Vac, are class II drivers with excellent power factor. They are well-suited for use with LED strips, architectural, decorative, and signature lighting applications.

Safety Certifications



Power Levels

100W 150W

Output Power (W)	Model No.	Output Current Range (mA)	Output Voltage (Vdc)	Eff. @ 220Vac	Lifetime (hours)	Dimensions (L×W×H)(mm)
100	LUV-100S012SF	0 ~ 8340	12	92.0%	120,000 Tc=70°C	161 x 58.5 x 37.5
	LUV-100S024SF	0 ~ 4170	24	91.5%		
	LUV-100S036SF	0 ~ 2780	36	92.0%		
	LUV-100S048SF	0 ~ 2090	48	93.0%		
150	LUV-150S012SF	0 ~ 12500	12	91.0%	120,000 Tc=70°C	161 x 58.5 x 37.5
	LUV-150S024SF	0 ~ 6250	24	92.0%		
	LUV-150S036SF	0 ~ 4170	36	92.0%		
	LUV-150S048SF	0 ~ 3130	48	93.0%		



Inventronics Advantages

- Inventronics Patented Metal Case
- High Efficiency (Up to 92.5%)
- Full Power at Wide Output Current Range (Constant Power)
- Input Voltage Range: 90 ~ 305Vac
- Adjustable Output Current (AOC) with Potentiometer (Sx)
- Adjustable Output Current (AOC) with Programmability (Dx)
- Dim-to-Low-Voltage (DTLV) with Standby Power $\leq 0.5W$ (Function Selectable)
- Input Surge Protection: DM 6kV, CM 6kV
- All-Around Protection: OVP, SCP, OTP
- IP65 and UL Dry / Damp / Wet Location
- SELV Output
- TYPE HL, for Use in a Class I, Division 2 Hazardous (Classified) Location
- 5-Year Warranty

Dimming Functions

Isolated 0-10V / 10V PWM / 3-Timer-Modes Dimmable (Dx Models)

Safety Certifications



Power Levels

160W 250W 320W

About EUR

Inventronics EUR Series offers a unique, circular shape making them easier to install while providing a more sleek, streamlined appearance. They are available in packages accommodating rink or hook mounting and three different case colors to fit perfectly with any lighting fixture. The EUR Series is available in both dimming and non-dimming models with programmable or adjustable output currents and longer lifetimes.

Accessories for EUR (160W/250W)



BLT-M1000

Accessories for EUR (320W)



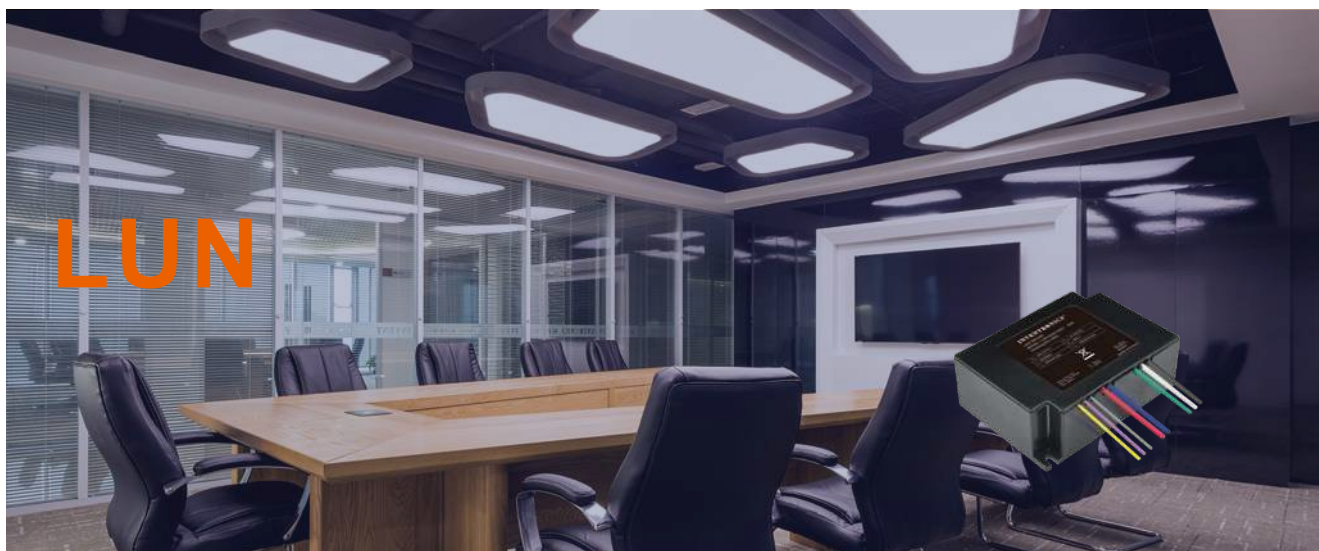
BLT-M1200



HKK-D1500

Output Power (W)	Model No.	Full-power Current Range(mA)	Output Voltage Range (Vdc)	Eff.@ 220Vac	Lifetime (hours)	Dimensions (∅ x H)(mm)
160	EUR-160S420Dx/Sx ①	3000 ~ 4200	34 ~ 54	91.5%	98,000 Tc= 70°C	∅ 130 x 62
250	EUR-250S670Dx/Sx	4600 ~ 6700	34 ~ 54	92.0%	106,000 Tc= 70°C	∅ 145 x 66.5
320	EUR-320S460Dx/Sx	3220 ~ 4600	35 ~ 100	92.5%	75,000 Tc= 70°C	∅ 190 x 79.6
	EUR-320S670Dx/Sx	4690 ~ 6700	24 ~ 68	92.5%		

① : x=G are UL Recognized, ENEC and CCC, etc. models; x=T are UL Class P models.



Inventronics Advantages

- Adjustable Output Current (AOC) with NFC
- Full Power at Wide Output Current Range (Constant Power)
- Input Voltage Range: 90 ~ 305Vac
- Flicker-Free
- Input Surge Protection: DM 2kV, CM 2kV
- IP54 and UL Dry & Damp Location
- Class 2 & SELV Output Models Available
- UL Class P
- Suitable for Class I Luminaires
- 5-Year Warranty

Dimming Functions

Isolated 0-10V (DT Models)

About LUN

Inventronics LUN series introduces wireless programming for an easier installation process without utilizing connection leads and a wide range of constant-power output currents. They provide even more design flexibility with models offering flicker-free isolated 0-10V dimming down to 5% and UL Class P models. The LUN series are IP54 rated and deliver built-in surge protection and long lifetimes.

Safety Certifications



Power Levels

42W

Output Power (W)	Model No.	Full-power Current Range(mA)	Output Voltage Range (Vdc)	Eff.@ 220Vac	Lifetime (hours)	Dimensions (L×W×H)(mm)
42	LUN-042S105DT/ST ★	780 ~ 1050	20 ~ 54	87.5%	87,000 Tc= 70°C	95 × 70 × 32
	LUN-042S150DT/ST ★	1050 ~ 1500	14 ~ 40	86.0%		

★ : Class 2 Model



Inventronics Advantages

- Three Independent Output Channels and Independent Dimming
- Independent Dimming and Dim-to-Off $\leq 0.5W$
- Power Transfer Settable When 100W Channel is Off Status
- Ultra High Efficiency (Up to 95.0%)
- Input Voltage Range: 90 ~ 305Vac
- Full Power at Wide Output Current Range (Constant Power)
- Adjustable Output Current (AOC) with Programmability
- Maximum Dimming Level with 9V or 10V Selectable
- Fade Time Adjustable
- Always-on Auxiliary Power: 12Vdc, 250mA
- Low Inrush Current
- Output Lumen Compensation
- End-of-Life Indicator
- Input Surge Protection: DM 6kV, CM 10kV
- All-Around Protection: IOVP, IUVP, OVP, SCP, OTP
- Hot-Plugging Protection
- Parallel LED Protection
- IP66 / IP67 and UL Dry / Damp / Wet Location
- TYPE HL, for Use in a Class I, Division 2 Hazardous (Classified) Location
- 5-Year Warranty

About EUM-1K0T

Inventronics 1000W multiple channels products support 3-channel luminaires and can adjust the current separately. It provides an auxiliary voltage and dim-to-off functionality for powering low voltage, and wireless controls. Meanwhile, this series provides power transfer function when 100W channel is dimmed to off.

Dimming Functions

- Isolated 0-10V / PWM / 3-Timer-Modes Dimmable
- INV Digital Dimming, UART Based Communication Protocol
- Dim-to-Off with Standby Power

Safety Certifications



Power Levels

1000W

Model No.	Channel	Output Power (W)	Full-power Current Range (mA)	Output Voltage Range (Vdc)	Eff. @ 220Vac	Lifetime (hours)	Dimensions (L×W×H)(mm)
EUM-1K0T14AMx①	1	700	13000 ~ 14500	34 ~ 54	95.0%	100,000 Tc=70°C	359(334) × 144 × 48.5
	2	200	3700 ~ 5500	22 ~ 54			
	3	100	1850 ~ 2100	34 ~ 54			

① : x = G are UL Recognized, CE, etc. models; x = T are UL Recognized, CE(built-in-use), etc. models.



Inventronics Advantages

- High Efficiency (Up to 95.0%)
- Full Power at Wide Output Current Range (Constant Power)
- Adjustable Output Current (AOC) with Programmability
- Input Voltage Range: 249 ~ 528Vac
- Output Lumen Compensation
- End-of-Life Indicator
- Input Surge Protection: DM 6kV, CM 10kV
- All-Around Protection: OVP, SCP, OTP
- IP66 / IP67 and UL Dry / Damp / Wet Location
- TYPE HL, for Use in a Class I, Division 2 Hazardous (Classified) Location
- 5-Year Warranty

About ESM-Dx

The ESM-Dx series utilizes a cost-optimized design, compact housing, and design flexibility without sacrificing quality, performance, or surge protection. They operate at 249-528Vac and deliver versatility with a programmable output current without the need to power the driver and isolated dimming controls. The ESM-Dx series are reliable and rugged with an IP66/IP67 rating and long lifetimes. The DG series provides a global cable to reduce inventory SKUs, the DT Series are UL Class P recognized to offer a solution for a wide range of applications and regions.

Dimming Functions

Isolated 1-10V / 10V PWM / 3-Timer-Modes Dimmable

Safety Certifications



Power Levels

75W 100W 150W 240W 320W

① : x=G are UL Recognized, ENEC and CCC, etc. models; x=T are UL Class P models.

Output Power (W)	Model No.	Full-power Current Range(mA)	Output Voltage Range (Vdc)	Eff.@ 480Vac	Lifetime (hours)	Dimensions (L×W×H)(mm)
75	ESM-075S105Dx	700 ~ 1050	36 ~ 107	91.0%	102,000 Tc=70°C	142(125) × 67.5 × 38.5
	ESM-075S150Dx	1050 ~ 1500	25 ~ 72	89.5%		
	ESM-075S210Dx ★	1400 ~ 2100	18 ~ 54	89.0%		
100	ESM-100S105Dx	700 ~ 1050	48 ~ 143	92.0%	120,000 Tc=70°C	148(131) × 67.5 × 38.5
	ESM-100S150Dx	1050 ~ 1500	34 ~ 95	91.5%		
	ESM-100S280Dx ★	1750 ~ 2800	17 ~ 54	90.0%		
150	ESM-150S105Dx	700 ~ 1050	72 ~ 214	93.5%	105,000 Tc= 70°C	178(161) × 67.5 × 38.5
	ESM-150S150Dx	1050 ~ 1500	50 ~ 143	93.0%		
	ESM-150S210Dx	1400 ~ 2100	36 ~ 107	93.0%		
	ESM-150S420Dx	2800 ~ 4200	18 ~ 54	91.5%		
240	ESM-240S105Dx	700 ~ 1050	115 ~ 343	94.5%	100,000 Tc= 70°C	218(201) × 67.5 × 38.5
	ESM-240S150Dx	1050 ~ 1500	80 ~ 229	94.0%		
	ESM-240S350Dx	2150 ~ 3500	35 ~ 111	94.0%		
	ESM-240S670Dx	4200 ~ 6700	18 ~ 57	93.0%		
320	ESM-320S105Dx	700 ~ 1050	153 ~ 457	95.0%	104,000 Tc= 70°C	243(224) × 80 × 44.5
	ESM-320S150Dx	1050 ~ 1500	107 ~ 305	95.0%		
	ESM-320S250Dx	1750 ~ 2500	64 ~ 183	95.0%		
	ESM-320S500Dx	2850 ~ 5000	32 ~ 112	94.5%		
	ESM-320S760Dx	5350 ~ 7600	21 ~ 60	93.5%		

★ : Class 2 Model



Inventronics Advantages

- High Efficiency (Up to 96.5%)
- Full Power at Wide Output Current Range (Constant Power)
- Adjustable Output Current (AOC) with Programmability
- Input Voltage Range: 249 ~ 528Vac
- Minimum Dimming Level with 5% or 10% Selectable
- Maximum Dimming Level with 9V or 10V Selectable
- Fade Time Adjustable
- Always-on Auxiliary Power: 12Vdc, 250mA, 3W (Transient Peak Power up to 10W)
- Low Inrush Current
- Output Lumen Compensation
- End-of-Life Indicator
- Input Surge Protection: DM 6kV, CM 10kV
- All-Around Protection: IUVP, IOVP, OVP, SCP, OTP
- IP66 / IP67 and UL Dry / Damp / Wet Location
- TYPE HL, for Use in a Class I, Division 2 Hazardous (Classified) Location
- 5-Year Warranty

Dimming Functions

- Isolated 0-10V / PWM / 3-Timer-Modes Dimmable
- INV Digital Dimming, UART Based Communication Protocol
- Dim-to-Off with Low Standby Power

Safety Certifications



Power Levels

150W 240W 320W 480W 680W 880W 1200W

ESM-MGS Version Features

- Panel Mount Connectors Facilitate Installation
- Brackets Accommodates Variety of Hanging Applications

About ESM-Mx

The ESM-Mx family are high input voltage Controls-Ready drivers offering OEMs a cost-optimized solution. They provide design flexibility with full power at a wide output current range. Their Controls-Ready features such as Dim-to-Off and an Always-On Auxiliary Power of 12Vdc, 250mA with a transient peak up to 10W to better power occupancy and daylight sensors. The ESM-Mx operates on a vast array of lighting control networks via a 0-10V dimming input. These IP66/IP67 drivers have industry-leading built-in surge protection and longer lifetimes for harsh environmental applications. They provide the added convenience of UL Class P (MT series) and models with a global cable to reduce inventory SKUs (MG series).

About ESM-MGS

The ESM-MGS provides the added convenience of the panel mount connection with brackets for easier installation. They provide design flexibility with full power at a wide output current range. Their Controls-Ready features such as Dim-to-Off and an Always-On Auxiliary Power of 12Vdc, 250mA with a transient peak up to 10W to better power occupancy and daylight sensors.

① : x=G are UL Recognized, ENEC and CCC, etc. models; x=T are UL Class P models.

Output Power (W)	Model No.	Full-power Current Range(mA)	Output Voltage Range (Vdc)	Eff. @ 480Vac	Lifetime (hours)	Dimensions (L×W×H)(mm)
150	ESM-150S105Mx	700 ~ 1050	72 ~ 214	93.5%	100,000 Tc=70°C	178(161)× 76.5× 38.5
	ESM-150S150Mx	1050 ~ 1500	50 ~ 143	93.0%		
	ESM-150S210Mx	1400 ~ 2100	36 ~ 107	92.5%		
	ESM-150S420Mx	2800 ~ 4200	18 ~ 54	92.0%		
240	ESM-240S105Mx	700 ~ 1050	115 ~ 343	94.0%	106,000 Tc= 70°C	218(201) × 76.5 × 38.5
	ESM-240S150Mx	1050 ~ 1500	80 ~ 229	93.5%		
	ESM-240S350Mx	2150 ~ 3500	35 ~ 111	93.0%		
	ESM-240S670Mx	4200 ~ 6700	18 ~ 57	92.5%		
320	ESM-320S105Mx	700 ~ 1050	153 ~ 457	95.0%	105,000 Tc= 70°C	243(224) × 85 × 44.5
	ESM-320S150Mx	1050 ~ 1500	107 ~ 305	94.5%		
	ESM-320S250Mx	1750 ~ 2500	64 ~ 183	94.5%		
	ESM-320S500Mx	2850 ~ 5000	32 ~ 112	94.0%		
	ESM-320S760Mx	5350 ~ 7600	21 ~ 60	94.0%		
480	ESM-480S140Mx	1050 ~ 1400	171 ~ 457	95.5%	100,000 Tc=70°C	262(243) × 90 × 43.5
	ESM-480S280Mx	2100 ~ 2800	86 ~ 228	95.5%		
	ESM-480S420Mx	3150 ~ 4200	57 ~ 152	95.0%		
	ESM-480S560Mx	4350 ~ 5600	43 ~ 110	95.0%		
	ESM-480S10AMx	8600 ~ 10000	24 ~ 56	95.0%		
680	ESM-680S170Mx/MGS	1250 ~ 1700	200 ~ 544	96.0%	102,000 Tc= 70°C	Mx: 275(250) × 135 x 46 MGS: 300(275) x 151 x 46
	ESM-680S240Mx/MGS	1800 ~ 2400	141.5 ~ 378	95.5%		
	ESM-680S350Mx/MGS	2600 ~ 3500	97.1 ~ 262	95.5%		
	ESM-680S560Mx/MGS	4200 ~ 5600	60.7 ~ 163	95.5%		
	ESM-680S840Mx/MGS	6300 ~ 8400	40.4 ~ 108	95.5%		
	ESM-680S15AMx/MGS	12600 ~ 15000	22.6 ~ 54	94.5%		
880	ESM-880S280Mx/MGS	1950 ~ 2800	157 ~ 452	96.0%	100,000 Tc= 70°C	Mx: 275(250)x144 x 48.5 MGS: 300(275) x 160 x 48.5
	ESM-880S420Mx/MGS	3000 ~ 4200	104 ~ 294	95.5%		
	ESM-880S700Mx/MGS	4900 ~ 7000	63 ~ 180	96.0%		
	ESM-880S11AMx/MGS	8000 ~ 11500	38 ~ 110	95.0%		
	ESM-880S20AMx/MGS	16300 ~ 20000	22 ~ 54	95.5%		
1200	ESM-1K2S350Mx/MGS	2600 ~ 3500	171 ~ 462	96.5%	101,000 Tc= 70°C	Mx: 310(285) × 141 × 48.5 MGS: 330(305) x 166.5 x 49.5
	ESM-1K2S525Mx/MGS	3950 ~ 5250	114 ~ 304	96.0%		
	ESM-1K2S740Mx/MGS	5550 ~ 7400	81 ~ 217	96.5%		



Common Features

- High Efficiency (Up to 96.0%)
- Full Power at Wide Output Current Range (Constant Power)
- Adjustable Output Current (AOC) with NFC
- Input Voltage Range: 249 ~ 528Vac
- Low Inrush Current
- Integrated Power Metering with High Accuracy Up to $\pm 1\%$
- Output Lumen Compensation
- End-of-Life Indicator
- Thermal Sensing and Protection for LED Module
- Input Surge Protection: DM 6kV, CM 10kV
- All-Around Protection: IUVP, IOVP, OVP, SCP, OTP
- IP66 / IP67 and UL Dry / Damp / Wet Location
- TYPE HL, for Use in a Class I, Division 2 Hazardous (Classified) Location
- 5-Year Warranty

ESM-Lx Version Features

- INV Digital Dimming, UART Based Communication Protocol Compliant with T/CSA-051
- Always-on Auxiliary Power: 12Vdc, 250mA, 3W (Transient Peak Power up to 10W)

ESM-Bx Version Features

- DALI-2 and D4i Certified
- Integrated 16Vdc Bus Power Supply based on DALI-2
- Always-on Auxiliary Power: 24Vdc, 125mA, 3W (Transient Peak Power up to 10W)

Dimming Functions

- Dim-to-Off with Low Standby Power
- Isolated 0-10V / PWM / 3-Timer-Modes Dimmable (Lx Models)
- DALI-2 / 3-Timer-Modes (Bx Models)

Safety Certifications



Power Levels

100W 150W 240W 320W 480W 680W

About EUM-Lx

The ESM-Lx series are high input voltage LED drivers that operate on a vast array of lighting control networks via the 0-10V dimming input. They provide OEMs with reduced production and labor costs and increased time savings with wireless programming via NFC. The ESM-Lx series is Controls-Ready with Dim-to-Off and Always-On Auxiliary Power of 12Vdc, 250mA with a transient peak up to 10W. They also provide the added convenience of integrated power monitoring allowing users to measure energy consumption.

For even more convenience, they provide two-way communication via Inventronics proprietary digital dimming providing health monitoring capabilities. These IP66 & IP67 LED driver series have industry-leading built-in surge protection and provide the added convenience of UL Class P models (LT Series) and models with a Global cable to help reduce inventory SKUs (LG Series).

About EUM-Bx

The ESM-Bx series is DALI-2 D4i certified which allows the tracking and monitoring of health diagnostics for LED drivers, provides plug-and-play controls, and standardizes intra-luminaire designs. They are extremely flexible with wireless programmability via Near Field Communication (NFC) to help OEMs streamline production and simplify installation. The ESM-Bx series is Controls-Ready with Dim-to-Off and Always-On Auxiliary Power of 24Vdc, 125mA with a transient peak up to 10W. They also provide the added convenience of integrated power monitoring allowing users to measure energy consumption. The BG models utilize globally accepted cables that help reduce SKUs, the BT models provide UL Class P certification.

Output Power (W)	Model No.	Full-power Current Range(mA)	Output Voltage Range (Vdc)	Eff.@ 480Vac	Lifetime (hours)	Dimensions (L×W×H)(mm)
100	ESM-100S105Bx	700 ~ 1050	48 ~ 143	92.0%	100,000 Tc=70°C	148(131) × 76.5 × 38.5
	ESM-100S150Bx	1050 ~ 1500	34 ~ 95	91.5%		
	ESM-100S280Bx	1750 ~ 2800	17 ~ 54	90.5%		
150	ESM-150S105Bx	700 ~ 1050	72 ~ 214	93.0%	100,000 Tc=70°C	178(161) × 76.5 × 38.5
	ESM-150S150Bx	1050 ~ 1500	50 ~ 143	93.0%		
	ESM-150S210Bx	1400 ~ 2100	36 ~ 107	92.5%		
	ESM-150S420Bx	2800 ~ 4200	18 ~ 54	92.0%		
240	ESM-240S105Lx/Bx	700 ~ 1050	115 ~ 343	94.0%	106,000 Tc=70°C	218(201) × 76.5 × 38.5
	ESM-240S150Lx/Bx	1050 ~ 1500	80 ~ 229	93.5%		
	ESM-240S350Lx/Bx	2150 ~ 3500	35 ~ 111	93.0%		
	ESM-240S670Lx/Bx	4200 ~ 6700	18 ~ 57	92.5%		
320	ESM-320S105Lx/Bx	700 ~ 1050	153 ~ 457	95.0%	105,000 Tc=70°C	243(224) × 85 × 44.5
	ESM-320S150Lx/Bx	1050 ~ 1500	107 ~ 305	94.5%		
	ESM-320S250Lx/Bx	1750 ~ 2500	64 ~ 183	94.5%		
	ESM-320S500Lx/Bx	2850 ~ 5000	32 ~ 112	94.0%		
	ESM-320S760Lx/Bx	5350 ~ 7600	21 ~ 60	94.0%		
480	ESM-480S140BG	1050 ~ 1400	171 ~ 457	95.0%	100,000 Tc=70°C	262(243) × 90 × 43.5
	ESM-480S280BG	2100 ~ 2800	86 ~ 228	94.0%		
	ESM-480S420BG	3150 ~ 4200	57 ~ 152	95.0%		
	ESM-480S560BG	4350 ~ 5600	43 ~ 110	94.5%		
	ESM-480S10ABG	8600 ~ 10000	24 ~ 56	94.5%		
680	ESM-680S170BG	1250 ~ 1700	200 ~ 544	96.0%	102,000 Tc=70°C	275(250) × 135 × 46
	ESM-680S240BG	1800 ~ 2400	141.5 ~ 378	95.5%		
	ESM-680S350BG	2600 ~ 3500	97.1 ~ 262	95.5%		
	ESM-680S560BG	4200 ~ 5600	60.7 ~ 163	95.5%		
	ESM-680S840BG	6300 ~ 8400	40.4 ~ 108	95.5%		
	ESM-680S15ABG	12600 ~ 15000	22.6 ~ 54	94.5%		



Inventronics Advantages

- Three Independent Output Channels and Independent Dimming
- Independent Dimming and Dim-to-Off
- Power Transfer Settable When 100W Channel is Off Status (1K0D)
- 135W Channel Power Transfer (Optional) (1K2T Model)
- Ultra High Efficiency (Up to 95.0%)
- Input Voltage Range: 249 ~ 528Vac
- Full Power at Wide Output Current Range (Constant Power)
- Adjustable Output Current (AOC) with Programmability
- Maximum Dimming Level with 9V or 10V Selectable
- Fade Time Adjustable
- Always-on Auxiliary Power: 12Vdc, 250mA
- Low Inrush Current
- Output Lumen Compensation
- End-of-Life Indicator
- Input Surge Protection: DM 6kV, CM 10kV
- All-Around Protection: IOVP, IUVP, OVP, SCP, OTP
- Hot-Plugging Protection
- Parallel LED Protection
- IP66 / IP67 and UL Dry / Damp / Wet Location
- TYPE HL, for Use in a Class I, Division 2 Hazardous (Classified) Location
- 5-Year Warranty

About ESM-1K0D/1K2T

Inventronics 1000W/1200W products with multiple channels support 2/3-channel luminaires, allowing separate adjustment of current for each channel. These products also offer auxiliary voltage and Dim-to-Off functionality for powering low-voltage wireless controls. Additionally, they feature a power transfer function when a 100W channel is dimmed to off.

Dimming Functions

- Isolated 0-10V/PWM/3-Timer-Modes Dimmable
- INV Digital Dimming, UART Based Communication Protocol
- Dim-to-Off with Standby Power

Safety Certifications



Power Levels

1000W 1200W

Model No.	Channel	Output Power (W)	Full-power Current Range(mA)	Output Voltage Range (Vdc)	Eff.@ 220Vac	Lifetime (hours)	Dimensions (L×W×H)(mm)
ESM-1K0D610Mx ①	1	900	4600 ~ 6100	110 ~ 195	94.5%	119,000 Tc=70°C	349(324) × 144 × 48.5
	2	100	1850 ~ 2100	34 ~ 54			

Model No.	Channel	Output Power (W)	Full-power Current Range(mA)	Output Voltage Range (Vdc)	Eff.@ 480Vac	Lifetime (hours)	Dimensions (L×W×H)(mm)
ESM-1K2T570Mx	1	930	4600 ~ 5700	81 ~ 202	95.0%	120,000 Tc=70°C	379(354) × 144 × 48.5
ESM-1K2T570Mx	2	135	1850 ~ 2100	45 ~ 73	95.0%		
ESM-1K2T570Mx	3	135	1850 ~ 2100	45 ~ 73	95.0%		

① : x = G are UL recognized, ENEC, etc. models; x = T are UL recognized, etc. models.



Common Features

- High Efficiency (Up to 96.0%)
- Full Power at Wide Output Current Range (Constant Power)
- Adjustable Output Current (AOC) with Programmability
- Input Voltage Range: 249 ~ 528Vac
- Fade Time Adjustable
- Output Lumen Compensation
- End-of-Life Indicator
- TYPE HL, for Use in a Class I, Division 2 Hazardous (Classified) Location
- Input Surge Protection Up to: DM 6kV, CM 10kV
- 5-Year Warranty

About SSM

The SSM family are slim products for the horticulture industry and other applications requiring a linear form factor with an input voltage range of 249-528Vac. They provide high efficiency to reduce electricity consumption.

Safety Certifications



Power Levels

220W 330W 440W 760W 1000W 1500W

220W, 330W, 440W Features

- 43.5mm Width
- Maximum Dimming Level with 9V or 10V Selectable
- Dim-to-Off with Standby Power (MF Models)
- Dim-to-Low-Voltage (DTLV) with Standby Power (HF Models)
- Isolated 0-10V / 10V PWM / 3-Timer-Modes
- Always-on Auxiliary Power: 12Vdc, 250mA (MF Models)
- Low Inrush Current (Above 220W)
- IP65 and UL Dry / Damp
- All-Around Protection: OVP, SCP, OTP

760W, 1000W, 1500W Features

- 90mm Width
- Maximum Dimming Level with 9V or 10V Selectable
- Minimum Dimming Level with 5% or 10% Selectable
- INV Digital Dimming, UART Based Communication Protocol
- Isolated 0-10V / PWM / 3-Timer-Modes
- Always-on Auxiliary Power: 12Vdc, 250mA
- Dim-to-Off with Standby Power
- Hot-plugging Protection
- Parallel LED Protection
- IP66 / IP67 and UL Dry / Damp / Wet Location
- All-Around Protection: IOVP, IUVP, OVP, SCP, OTP

Output Power (W)	Model No.	Full-power Current Range(mA)	Output Voltage Range (Vdc)	Eff.@ 480Vac	Lifetime (hours)	Dimensions (L×W×H)(mm)
220	SSM-220S530Mx/HF	4100 ~ 5300	34 ~ 54	94.5%	116,000 Tc=70°C	MF/HF: 336(312) × 43.5 × 31.5 MG/MT: 346(322) × 43.5 × 31.5
330	SSM-330S690Mx/HF	6100 ~ 6900	34 ~ 54	Mx: 95.0% HF: 94.5%	108,000 Tc=70°C	MF/HF: 416(392) × 43.5 × 31.5 MG/MT: 426(402) × 43.5 × 31.5
440	SSM-440S920Mx/HF	8200 ~ 9200	34 ~ 54	95.0%	108,000 Tc=70°C	MF/HF: 426(402) × 43.5 × 31.5 MG/MT: 436(412) × 43.5 × 31.5
760	SSM-760S15AMx①	14000 ~ 15800	34 ~ 54	95.0%	111,000 Tc=70°C	379(354) × 90 × 48.5
1000	SSM-1K0S400Mx	3200 ~ 4000	175 ~ 312	96.0%	100,000 Tc=70°C	414(389) × 90 × 48.5
	SSM-1K0S840Mx	6720 ~ 8400	84 ~ 149	95.5%	100,000 Tc=70°C	414(389) × 90 × 48.5
	SSM-1K0S21AMx	18500 ~ 21000	34 ~ 54	96.0%	100,000 Tc=70°C	414(389) × 90 × 48.5
1500	SSM-1K5S600Mx	4000 ~ 6000	175 ~ 375	96.0%	100,000 Tc=70°C	489(464) × 90 × 48.5
	SSM-1K5S12AMx	10000 ~ 12500	84 ~ 180	95.5%	100,000 Tc=70°C	489(464) × 90 × 48.5
	SSM-1K5S31AMx	28000 ~ 31500	34 ~ 54	96.0%	100,000 Tc=70°C	489(464) × 90 × 48.5

① : x = G are UL Recognized, CE, etc. models; x = T are UL Recognized, CE(built-in-use), etc. models.



Common Features

- Ultra High Efficiency (Up to 95%)
- Full Power at Wide Output Current Range (Constant Power)
- Input Voltage Range: 249 ~ 528Vac
- Adjustable Output Current (AOC) with Programmability
- INV Digital Dimming, UART Based Communication Protocol
- Minimum Dimming Level with 5% or 10% Selectable
- Maximum Dimming Level with 9V or 10V Selectable
- Fade Time Adjustable
- Always-on Auxiliary Power: 12Vdc, 250mA
- Low Inrush Current
- Output Lumen Compensation
- End-of-Life Indicator
- Hot-plugging Protection
- Parallel LED Protection
- Input Surge Protection: DM 6kV, CM 10kV
- All-Around Protection: IOVP, IUVP, OVP, SCP, OTP
- TYPE HL, for Use in a Class I, Division 2 Hazardous(Classified) Location
- 5-Year Warranty

SSM-MGS Version Features

- Panel Mount Connectors Facilitate Installation
- IP66/IP67 and UL Dry/Damp/Wet Location

SSM-MGR Version Features

- Panel Mount Connectors Facilitate Installation
- Rotary Switch+RJ12 Connector
- IP66 and UL Dry/Damp/Wet Location

About SSM-MGS/MGR

The SSM-MGS/MGR series is a constant-current, programmable, and LED driver that operates from 249-528Vac input with excellent power factor. Created for many lighting applications including high mast, sports, UV-LED, aquaculture, and horticulture, etc. It offers panel mount connectors for easy installation, a rotary switch, an RJ12 connector, and Dim-to-Off functionality. The dimming control supports 0-10V dimming as well as two-way communication via Digital Dimming, a UART based communication protocol. The high efficiency of these drivers and compact metal case enables them to run cooler, significantly improving reliability and extending product life. To ensure trouble-free operation, protection is provided against input surge, input under voltage, input over voltage, output over voltage, short circuit, and over temperature.

Dimming Functions

- Isolated 0-10V/PWM/Resistor/3-Timer-Modes Dimmable
- Dim-to-Off

Safety Certifications



Power Levels

760W 1000W

Output Power (W)	Model No.	Full-power Current Range(mA)	Output Voltage Range (Vdc)	Eff.@ 480Vac	Lifetime (hours)	Dimensions (L×W×H)(mm)
760	SSM-760S15AMGS	14000 ~ 15800	34 ~ 54	95.0%	111,000 Tc=70°C	415(390) × 108 × 48.5
	SSM-760S15AMGR	14000 ~ 15800	34 ~ 54	95.0%	111,000 Tc=70°C	415(390) × 108 × 48.5
1000	SSM-1K0S400MGS	3200 ~ 4000	175 ~ 312	96.0%	100,000 Tc=70°C	450(425) × 108 × 48.5
	SSM-1K0S840MGS	6720 ~ 8400	84 ~ 149	95.5%		
	SSM-1K0S20AMGS	18500 ~ 20000	34 ~ 54	96.0%		
	SSM-1K0S400MGR	3200 ~ 4000	175 ~ 312	96.0%	100,000 Tc=70°C	450(425) × 108 × 48.5
	SSM-1K0S840MGR	6720 ~ 8400	84 ~ 149	95.5%		
	SSM-1K0S20AMGR	18500 ~ 20000	34 ~ 54	96.0%		



Inventronics Advantages

- High Efficiency (Up to 95.0%)
- Full Power at Wide Output Current Range (Constant Power)
- Adjustable Output Current (AOC) with Programmability
- Thermal Sensing and Protection for LED Module
- Input Voltage Range: 249 ~ 528Vac
- Always-on Auxiliary Power: 12Vdc, 200mA
- Output Lumen Compensation
- Input Surge Protection Up to: DM 6kV, CM 10kV
- All-Around Protection: OVP, SCP, OTP
- IP67 and UL Dry / Damp / Wet Location
- TYPE HL, for Use in a Class I, Division 2 Hazardous (Classified) Location
- 5-Year Warranty

Dimming Functions

- 0-10V / PWM / 3-Timer-Modes
- Dim-to-Off with Standby Power $\leq 1.5W$

Safety Certifications



Power Levels

150W 240W 320W 480W 600W

About ESD

Inventronics high input voltage, programmable ESD family comprises the broadest portfolio of high-power LED drivers in the industry that operates from 277Vac to 480Vac. These Controls-Ready drivers offer multiple dimming capabilities and programmability providing more project flexibility, better energy savings and more convenience.

Output Power (W)	Model No.	Full-power Current Range(mA)	Output Voltage Range (Vdc)	Eff.@ 480Vac	Lifetime (hours)	Dimensions (L×W×H)(mm)
150	ESD-150S105DT	700 ~ 1050	75 ~ 214	94.5%	99,000 Tc= 70°C	242(221) × 67.5 × 39.7
	ESD-150S210DT	1400 ~ 2100	38 ~ 107	94.0%		
	ESD-150S350DT	2450 ~ 3500	22 ~ 61	93.0%		
	ESD-150S560DT	3850 ~ 5600	14 ~ 39	93.0%		
240	ESD-240S100DT	700 ~ 1000	120 ~ 343	94.0%	114,000 Tc= 70°C	262(241) × 67.5 × 39.7
	ESD-240S150DT	1050 ~ 1500	80 ~ 229	93.5%		
	ESD-240S220DT	1540 ~ 2200	55 ~ 156	93.0%		
	ESD-240S320DT	2240 ~ 3200	38 ~ 107	93.0%		
	ESD-240S460DT	3220 ~ 4600	27 ~ 75	93.0%		
	ESD-240S660DT	4620 ~ 6600	19 ~ 52	92.5%		
320	ESD-320S150DT/DV	1050 ~ 1500	107 ~ 305	94.0%	120,000 Tc= 70°C	261(234) × 98 × 44.8
	ESD-320S220DT/DV	1540 ~ 2200	73 ~ 208	94.5%		
	ESD-320S310DT/DV	2170 ~ 3100	52 ~ 148	94.0%		
	ESD-320S440DT/DV	3080 ~ 4400	37 ~ 104	94.0%		
	ESD-320S620DT/DV	4340 ~ 6200	26 ~ 74	93.5%		
480	ESD-480S140DT/DV	1050 ~ 1400	171 ~ 457	95.0%	102,000 Tc= 70°C	262(235) × 125 × 43.5
	ESD-480S280DT/DV	2100 ~ 2800	86 ~ 228	94.5%		
	ESD-480S420DT/DV	3150 ~ 4200	57 ~ 152	94.0%		
	ESD-480S560DT/DV	4350 ~ 5600	43 ~ 110	93.5%		
	ESD-480S10ADT/DV	7500 ~ 10000	24 ~ 64	93.5%		
600	ESD-600S170DT/DV	1360 ~ 1700	176 ~ 441	95.0%	101,000 Tc= 70°C	276(250) × 144 × 48.5
	ESD-600S210DT/DV	1680 ~ 2100	143 ~ 357	95.0%		
	ESD-600S280DT/DV	2240 ~ 2800	108 ~ 268	94.5%		
	ESD-600S420DT/DV	3360 ~ 4200	72 ~ 178	95.0%		
	ESD-600S560DT/DV	4480 ~ 5600	54 ~ 134	95.0%		
	ESD-600S740DT/DV	5920 ~ 7400	41 ~ 101	94.5%		
	ESD-600S980DT/DV	7840 ~ 9800	31 ~ 76	94.0%		
	ESD-600S12ADT/DV	10000 ~ 12500	24 ~ 60	94.0%		



Common Features

- Input Voltage Range: 249 ~ 528Vac
- Non-Isolated Class I driver
- Low Residual Output Voltage < 2kV
- No Afterglow
- Ultra High Efficiency (Up to 98.0%)
- Full Power at Wide Output Current Range (Constant Power)
- Adjustable Output Current (AOC) with NFC
- Adjustable Dimming Curve
- Hold Time Adjustable
- Fade Time Adjustable
- Always-on Auxiliary Power: 12Vdc, 250mA (Except DMX-RDM mode)
- Minimum Dimming Level Supports 0.1% for DALI-2 and DMX-RDM, 1% for Others (Gx Model)
- Controls Up to 44 fps
- Integrated Power Metering with High Accuracy up to $\pm 1\%$
- Low Inrush Current
- Output Lumen Compensation
- End-of-Life Indicator
- Input Surge Protection: DM 10kV, CM 10kV
- All-Around Protection: OPP, IOVP, IUVP, OVP, SCP, OTP
- IP66/IP67 and UL Dry/Damp/Wet Location
- TYPE HL, for Use in a Class I, Division 2 Hazardous (Classified) Location
- 5-Year Warranty

About NSM-Gx/Mx

The NSM family features a non-isolated design that delivers ultra high efficiency. It incorporates a high input range that covers 249-528Vac and supports multiple dimming methods including DALI-2/D4i, DMX/RDM, 0-10V, and more.

Dimming Functions

- DALI-2 and D4i Certified (Gx Model)
- DALI-2 & DMX-RDM Dimmable & Adjustable 0-10V & PWM & 3-Timer-Modes Dimmable & Resistor (Gx Model)
- Adjustable 0-10V & PWM & 3-Timer-Modes Dimmable & Resistor (Mx Model)
- INV Digital Dimming, UART Based Communication Protocol

Power Levels

880W 1200W 1500W

Safety Certifications



Output Power (W)	Model No.	Full-power Current Range(mA)	Output Voltage Range (Vdc)	Eff.@ 480Vac	Lifetime (hours)	Dimensions (L×W×H)(mm)
880	NSM-880S270Gx/Mx	1760 ~ 2700	150 ~ 500	97.0%	100,000 Tc=70°C	275(256) × 90 × 43.5
1200	NSM-1K2S350Gx/Mx	2400 ~ 3500	150 ~ 500	97.0%	100,000 Tc=70°C	275(250) × 108 × 44.5
1500	NSM-1K5S480Gx/Mx	3000 ~ 4800	150 ~ 500	97.0%	100,000 Tc=70°C	310(288) × 108 × 48.5



Common Features

- Input Voltage Range: 249 ~ 528Vac
- Non-Isolated Class I driver
- Low Residual Output Voltage < 2 kV
- No Afterglow
- Dimming Range: 0.1%-100%
- Adjustable Output Current (AOC) with NFC
- 2*600W Independent Programmable Channels & Support Common Anode Output Connection (NSS-1K5D210BC)
- 3*600W Independent Programmable Channels & Support Common Anode Output Connection (NSS-2K1T210BC)
- Max Remote Distance Up to 300 Meter (Dimming and Output)
- Ultra High Efficiency (Up to 97.0%)
- Full Power at Wide Output Current Range (Constant Power)
- Adjustable Output Current (AOC) via DALI/DMX-RDM
- Single-Channel (1*DT6 or 1*DMX) Operating Mode (Except NSS-700S210BC)
- Multi-Channel (2*DT6 or 2*DMX) Operating Mode (NSS-1K5D210BC)
- Multi-Channel (up to 3*DT6 or 3*DMX) Operating Mode (NSS-2K1T210BC)
- DALI-2/DMX-RDM Controls Up to 44 fps
- Integrated Power Metering with High Accuracy up to $\pm 1\%$
- Thermal Sensing and Protection for LED Module
- Low Inrush Current
- Output Lumen Compensation
- End-of-Life Indicator
- Input Surge Protection: DM 10kV, CM 10kV
- All-Around Protection: IOVP, IUVP, OVP, SCP, OTP, OPP
- IP66
- IK08 Enclosure
- 5-Year Warranty

About NSS-BC

The NSS family features a non-isolated design that achieves ultra high efficiency. It incorporates an exceptionally wide input range from 249-528Vac and supports multiple dimming methods like DALI-2/D4i, DMX/RDM, etc. Additionally, the NSS family includes a junction box to streamline luminaire design and offers 1-CH, 2-CH, and 3-CH output designs.

Dimming Functions

DALI-2 and D4i Certified & DMX-RDM & 3-Timer-Modes Dimmable

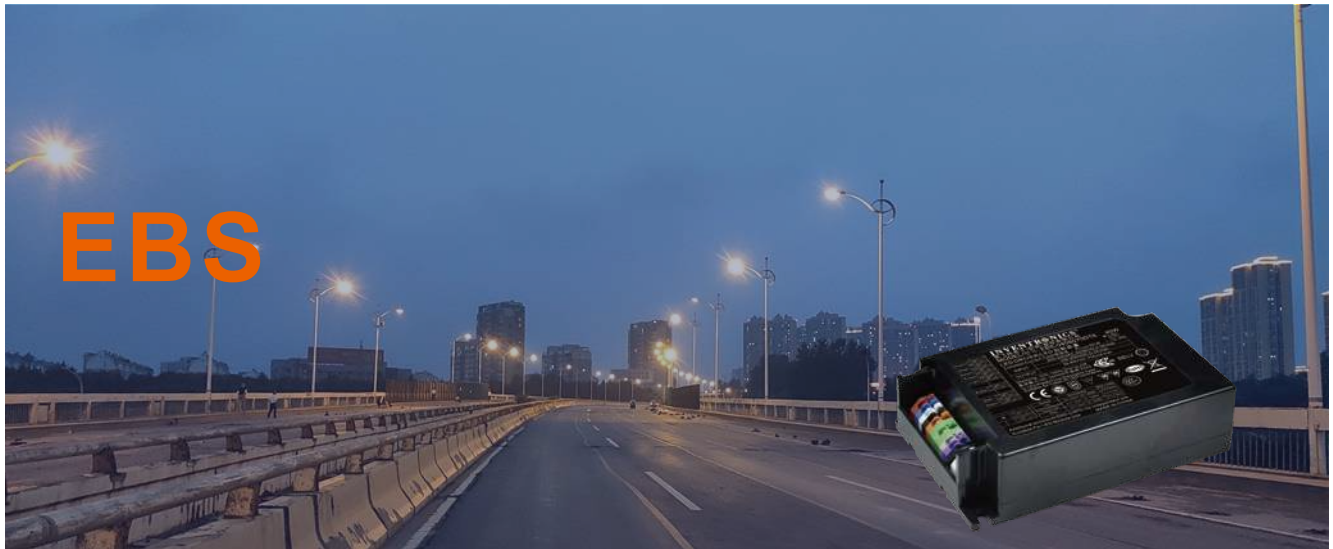
Power Levels

700W 1500W 2100W

Safety Certifications



Output Power (W)	Model No.	Full-power Current Range(mA)	Output Voltage Range (Vdc)	Eff.@480Vac	Lifetime (hours)	Dimensions (L×W×H)(mm)
700	NSS-700S210BC	1400 ~ 2100	176 ~ 500	97.0%	100,000 Tc=70°C	310 × 145 × 70
1500	NSS-1K5D210BC	1500 ~ 2100	176 ~ 500	97.0%	100,000 Tc=70°C	500 × 152 × 80
2100	NSS-2K1T210BC	1400 ~ 2100	176 ~ 500	97.0%	100,000 Tc=70°C	500 × 152 × 80



Common Features

- High Efficiency (Up to 94.0%)
- Full Power at Wide Output Current Range (Constant Power)
- Adjustable Output Current (AOC) with NFC
- Input Voltage Range: 176 ~ 305Vac
- Output Lumen Compensation
- End-of-Life Indicator
- Long Lifetime Over 100K Hours at 75°C Case Temperature
- Input Surge Protection: DM 6kV, CM 10kV
- IP20 Design and Suitable for Outdoor Applications in Luminaires with IP>54
- Suitable for Luminaires with Protection Class I and II
- Complies with Zhaga Interface Specification Book 13
- 8-Year Warranty

Dimming Functions

- Isolated 1-10V / 3-Timer-Modes Dimmable (DT2 Models)
- DALI-2 / AC Dim / 3-Timer-Modes (BT2 Models)
- Dim-to-Off with Standby Power ≤ 0.5 W (BT2 Models)

Power Levels

25W 40W 80W 120W 165W

Safety Certifications



EBS-BT2 Version Features

- DALI-2 and D4i Certified
- Always-on Auxiliary Power: 24Vdc, 125mA, 3W (Transient Peak Power up to 10W)
- Integrated 16Vdc Bus Power Supply Based on DALI-2
- Integrated Power Monitoring with High Accuracy up to $\pm 1\%$
- Thermal Sensing and Protection for LED Module
- All-Around Protection: IUVP, IOVP, OVP, SCP, OTP

EBS-DT2 Version Features

- All-Around Protection: OVP, SCP, OTP

Accessories



END-CAP02
Cable Clamp for Independent Applications

About EBS

EBS-BT2

The EBS-BT2 family comprises DALI-2 D4i LED drivers designed to provide OEMs with crucial driver information, reduced maintenance and product expenses, and simplified installation processes. These drivers include Inventronics Controls-Ready features such as Dim-to-Off and Always-On Auxiliary Power, enabling seamless integration with various lighting control networks. They are compatible with Class I and II luminaires, built-in use, and have a Zhaga compatible form factor. Operating within a voltage range of 176-305Vac, they supply streamlined production with time-saving wireless programming and offer a wide output current range. Additionally, these drivers include AC power monitoring, built-in surge protection, and output lumen compensation for enhanced functionality.

EBS-DT2

The EBS DT2 family represents the next generation of Class I/II drivers, offering a simplified yet highly flexible solution. These drivers feature convenient push terminals, wireless programming via Near Field Communication (NFC), and multiple dimming options. Their streamlined design facilitates easier installation, leading to a reduction in production time and lower installation costs. Additionally, they ensure reliability and quality performance with built-in surge protection, output lumen compensation, and an end-of-life indicator. Designed to meet the Zhaga Interface Book 13 edition 2, the EBS-DT2 drivers can seamlessly integrate into more compact and slim European luminaires.

Output Power (W)	Model No.	Full-power Current Range(mA)	Output Voltage Range (Vdc)	Eff.@ 220Vac	Lifetime (hours)	Dimensions (L×W×H)(mm)
25	EBS-025S045BT2	300 ~ 450	28 ~ 84	88.5%	120,000 Tc=75°C	133x77x33
	EBS-025S070BT2	450 ~ 700	18 ~ 56	88.5%		
	EBS-025S105BT2	700 ~ 1050	12 ~ 36	87.0%		
	EBS-025S045DT2	300 ~ 450	28 ~ 84	88.5%	109,000 Tc=75°C	133x77x33
	EBS-025S070DT2	450 ~ 700	18 ~ 56	88.0%		
	EBS-025S105DT2	700 ~ 1050	12 ~ 36	87.5%		
40	EBS-040S045BT2	300 ~ 450	44 ~ 133	90.5%	110,000 Tc= 75°C	133 x 77 x 33
	EBS-040S070BT2	450 ~ 700	28 ~ 89	90.5%		
	EBS-040S105BT2	700 ~ 1050	19 ~ 57	89.5%		
	EBS-040S045DT2	300 ~ 450	44 ~ 133	90.5%	104,000 Tc= 75°C	133 x 77 x 33
	EBS-040S070DT2	450 ~ 700	28 ~ 89	89.0%		
	EBS-040S105DT2	700 ~ 1050	19 ~ 57	89.5%		
80	EBS-080S070BT2	450 ~ 700	57 ~ 178	92.5%	100,000 Tc= 75°C	133 x 77 x 36
	EBS-080S105BT2	700 ~ 1050	38 ~ 114	92.5%		
	EBS-080S150BT2	1050 ~ 1500	27 ~ 76	92.0%		
	EBS-080S070DT2	450 ~ 700	57 ~ 178	92.5%	120,000 Tc= 75°C	133 x 77 x 36
	EBS-080S105DT2	700 ~ 1050	38 ~ 114	92.5%		
	EBS-080S150DT2	1050 ~ 1500	27 ~ 76	91.5%		
120	EBS-120S070BT2	450 ~ 700	86 ~ 266	93.5%	120,000 Tc=75°C	150 x 85 x 39
	EBS-120S105BT2	700 ~ 1050	57 ~ 171	93.0%		
	EBS-120S150BT2	1050 ~ 1500	40 ~ 114	93.0%		
	EBS-120S070DT2	450 ~ 700	86 ~ 266	93.0%	100,000 Tc=75°C	150 x 85 x 39
	EBS-120S105DT2	700 ~ 1050	57 ~ 171	93.0%		
	EBS-120S150DT2	1050 ~ 1500	40 ~ 114	92.5%		
165	EBS-165S070BT2	450 ~ 700	118 ~ 367	94.0%	120,000 Tc=75°C	170 x 100 x 39
	EBS-165S105BT2	700 ~ 1050	79 ~ 236	94.0%		
	EBS-165S150BT2	1050 ~ 1500	55 ~ 157	93.5%		
	EBS-165S070DT2	450 ~ 700	118 ~ 367	94.0%	115,000 Tc=75°C	170 x 100 x 40
	EBS-165S105DT2	700 ~ 1050	79 ~ 236	94.0%		
	EBS-165S150DT2	1050 ~ 1500	55 ~ 157	94.0%		



Inventronics Advantages

- High Efficiency (Up to 95.5%)
- Compact Metal Case with Excellent Thermal Performance
- Full Power at Wide Output Current Range (Constant Power)
- Input Voltage Range: 176 ~ 305Vac
- Adjustable Output Current (AOC) with Programmability
- Output Lumen Compensation
- End-of-Life Indicator
- Input Surge Protection: DM 6kV, CM 10kV
- Low Inrush Current
- IP66 / IP67
- INV Digital Dimming, UART Based Communication Protocol
- Dim-to-Off with Standby Power ≤ 0.5 W
- Always-on Auxiliary Power: 12Vdc, 250mA
- All-Around Protection: IUVP, IOVP, OVP, SCP, OTP
- 5-Year Warranty

About EBM-Mx

The EBM-1K2SxxxMG series includes additional Controls-Ready functionalities such as Dim-to-Off and Always-On Auxiliary Power, designed to support low-voltage wireless controls.

Dimming Functions

- Isolated 0-10V / PWM / 3-Timer-Modes Dimmable (Mx Models)

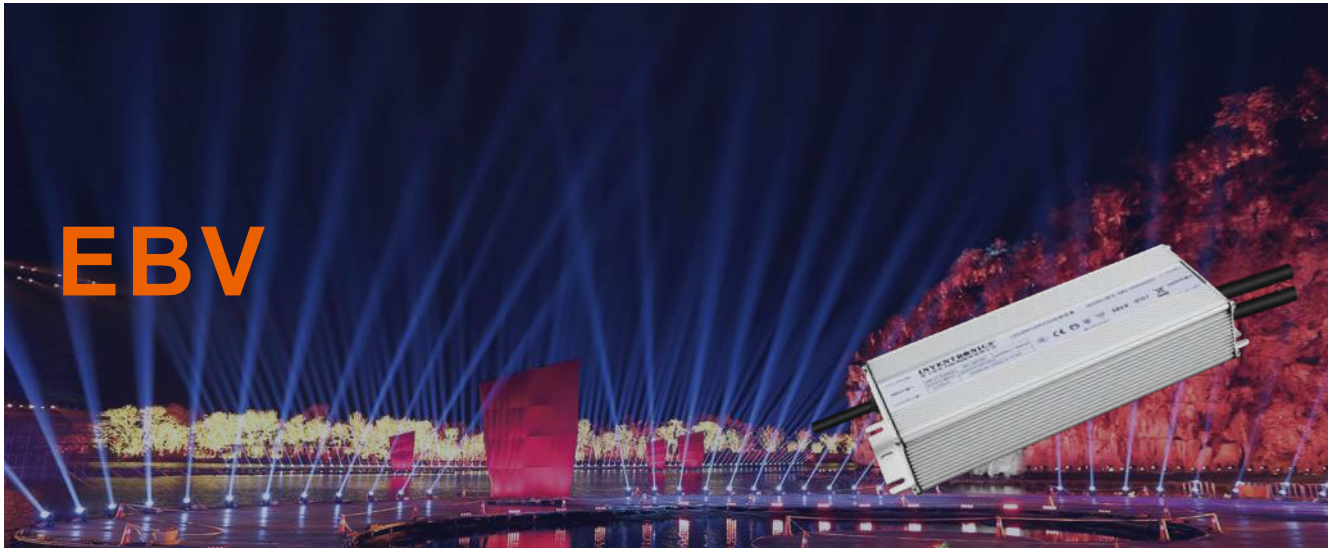
Safety Certifications



Power Levels

1200W

Output Power (W)	Model No.	Full-power Current Range(mA)	Output Voltage Range (Vdc)	Eff.@ 220Vac	Lifetime (hours)	Dimensions (L×W×H)(mm)
1200	EBM-1K2S350Mx	2600 ~ 3500	171 ~ 462	95.5%	100,000 Tc= 70°C	310(285) × 141 × 48.5
	EBM-1K2S525Mx	3950 ~ 5250	114 ~ 304	95.0%		
	EBM-1K2S740Mx	5550 ~ 7400	81 ~ 217	95.0%		



Inventronics Advantages

- High Efficiency (Up to 94.5%)
- Constant-Voltage Output
- Input Voltage Range: 176 ~ 305Vac
- Input Surge Protection: DM 4kV, CM 6kV
- All-Around Protection: OVP, SCP, OTP, OCP
- IP67 and UL Dry / Damp / Wet Location
- SELV Output
- TYPE HL, for Use in a Class I, Division 2 Hazardous (Classified) Location
- 5-Year Warranty

About EBV

Inventronics narrow input voltage drivers offer a wide range of power levels. The EBV series features compact extruded-metal housing, allowing for more creative freedom with the luminaire design. The EBV series is IP67 rated and ideal for challenging applications such as architectural, decorative, signage.

Safety Certifications



Power Levels

60W 75W 100W 150W 200W 250W 350W 400W 500W

Output Power (W)	Model No.	Output Current Range (A)	Output Voltage (Vdc)	Eff.@ 220Vac	Lifetime (hours)	Dimensions (L×W×H)(mm)
60	EBV-060S012SV	0 ~ 5.00	12	84.5%	96,000 Tc= 70°C	116(95) × 67.5 × 36.5
	EBV-060S024SV	0 ~ 2.50	24	88.5%		
	EBV-060S036SV	0 ~ 1.70	36	89.5%		
	EBV-060S048SV	0 ~ 1.30	48	90.5%		
75	EBV-075S024SV	0 ~ 3.20	24	88.0%	97,000 Tc= 70°C	116(95) × 67.5 × 36.5
	EBV-075S036SV	0 ~ 2.10	36	89.0%		
	EBV-075S048SV	0 ~ 1.60	48	90.0%		
100	EBV-100S012SV	0 ~ 8.40	12	85.5%	85,000 Tc= 70°C	166(145) × 67.5 × 36.5
	EBV-100S024SV	0 ~ 4.20	24	90.0%		
	EBV-100S036SV	0 ~ 2.80	36	91.5%		
	EBV-100S048SV	0 ~ 2.10	48	92.0%		
150	EBV-150S012SV	0 ~ 10.00	12	85.5%	83,000 Tc= 70°C	166(145) × 67.5 × 39.7
	EBV-150S024SV	0 ~ 6.30	24	88.5%		
	EBV-150S036SV	0 ~ 4.20	36	91.5%		
	EBV-150S048SV	0 ~ 3.20	48	91.5%		
200	EBV-200S012SV	0 ~ 16.70	12	91.5%	106,000 Tc= 70°C	190(169) × 67.5 × 39.7
	EBV-200S024SV	0 ~ 8.40	24	93.0%		
	EBV-200S036SV	0 ~ 5.60	36	92.5%		
	EBV-200S048SV	0 ~ 4.20	48	93.5%		
250	EBV-250S012SV	0 ~ 18.40	12	91.5%	96,000 Tc= 70°C	190(169) × 67.5 × 39.7
	EBV-250S024SV	0 ~ 10.50	24	93.0%		
	EBV-250S036SV	0 ~ 7.00	36	92.5%		
	EBV-250S048SV	0 ~ 5.30	48	93.5%		
350	EBV-350S012SV	0 ~ 25.00	12	91.5%	114,000 Tc= 70°C	227(200) × 80 × 42
	EBV-350S024SV	0 ~ 14.60	24	93.5%		
	EBV-350S036SV	0 ~ 9.80	36	93.5%		
	EBV-350S048SV	0 ~ 7.30	48	93.0%		
400	EBV-400S012SV	0 ~ 28.40	12	91.0%	97,000 Tc= 70°C	227(200) × 80 × 42
	EBV-400S024SV	0 ~ 16.70	24	93.0%		
	EBV-400S036SV	0 ~ 11.20	36	93.0%		
	EBV-400S048SV	0 ~ 8.40	48	92.5%		
500	EBV-500S024ST/SV	0 ~ 20.83	24	93.5%	117,000 Tc= 60°C	291(264) × 108 × 45.5
	EBV-500S028ST/SV	0 ~ 17.85	28	93.5%		
	EBV-500S036ST/SV	0 ~ 13.88	36	94.0%		
	EBV-500S042ST/SV	0 ~ 11.90	42	94.5%		
	EBV-500S048ST/SV	0 ~ 10.41	48	94.5%		



Inventronics Advantages

- High Efficiency (Up to 91.5%)
- Constant-Voltage Output
- Input Voltage Range: 176 ~ 305Vac
- Input Surge Protection: DM 4kV, CM 6kV
- All-Around Protection: OVP, SCP, OTP, OCP
- IP67
- SELV Output
- 5-Year Warranty

Safety Certifications



About EBV

Inventronics EBV series optimizes the input voltage range allowing for reduced manufacturing costs for regions that accept a narrow range. These compact drivers are equipped with extruded-metal housing, IP67 rated and provide a higher level of input surge protection. They are ideal in architectural, decorative and signage lighting applications.

Power Levels

36W 48W 60W 72W

Output Power (W)	Model No.	Output Current Range (A)	Output Voltage (Vdc)	Eff. @ 220Vac	Lifetime (hours)	Dimensions (L×W×H)(mm)
36	EBV-036S024SVF	0 ~ 1.50	24	86.0%	104,000 Tc= 70°C	155(134) × 40 × 25
	EBV-036S036SVF	0 ~ 1.00	36	86.5%		
	EBV-036S048SVF	0 ~ 0.75	48	87.0%		
48	EBV-048S024SVF	0 ~ 2.00	24	85.0%	104,000 Tc= 70°C	155(134) × 40 × 25
	EBV-048S036SVF	0 ~ 1.34	36	86.5%		
	EBV-048S048SVF	0 ~ 1.00	48	88.0%		
60	EBV-060S024SVF	0 ~ 2.50	24	88.5%	99,000 Tc= 70°C	185(164) × 40 × 25
	EBV-060S036SVF	0 ~ 1.70	36	89.5%		
	EBV-060S048SVF	0 ~ 1.25	48	91.5%		
72	EBV-072S024SVF	0 ~ 3.00	24	88.5%	99,000 Tc= 70°C	185(164) × 40 × 25
	EBV-072S036SVF	0 ~ 2.00	36	89.5%		
	EBV-072S048SVF	0 ~ 1.50	48	91.0%		



Inventronics Advantages

- High Efficiency (Up to 92.5%)
- Low THD, 10% Max up to 240 Vac
- Constant-Current Output
- Input Voltage Range: 140 ~ 305Vac
- Adjustable Output Current (AOC) by Potentiometer (SV2 Model)
- Input Over Voltage Protection (IOVP) at 440Vac with 48 Hours
- Input Surge Protection: DM 4kV, CM 6kV
- High Reliability & Long Lifetime: 120,000 Hrs. at 70°C Case Temperature
- Suitable for Class I Luminaires
- IUVP & IOVP
- IP66 / IP67
- 5-Year Warranty

Safety Certifications



About EDC-SV/SV2

Inventronics EDC series is designed specifically for those markets who face challenging power regulations. They help protect against poor quality supplied to the LED driver, reducing maintenance costs and safeguarding the luminaire. The EDC series provides exceptional input protection, surpassing industry standards, to manage frequent power outages or functions seamlessly with a backup generator. This ensures a dependable and economical solution for various applications.

Power Levels

75W 100W 150W

Output Power (W)	Model No.	Output Current (mA)	Output Voltage Range (Vdc)	Eff.@ 220Vac	Lifetime (hours)	Dimensions (L×W×H)(mm)
75	EDC-075S105SV-0007	700	54 ~ 107	90.5%	101,000 Tc=75°C	131(114) × 64 × 32
	EDC-075S105SV-0004	860	44 ~ 88	90.5%		
	EDC-075S105SV	1050	36 ~ 71	90.0%	106,000 Tc=75°C	131(114) × 60 × 33.2
	EDC-075S105SV2	700 ~ 1050	36 ~ 107	90.0%		
100	EDC-100S105SV-0007	700	71 ~ 143	91.0%	120,000 Tc=70°C	166(145) × 67.5 × 36.5
	EDC-100S105SV-0004	860	58 ~ 116	90.0%		
	EDC-100S105SV	1050	47 ~ 95	90.0%	120,000 Tc=70°C	166(145) × 67.5 × 36.5
	EDC-100S105SV2	700 ~ 1050	47 ~ 143	91.0%		
150	EDC-150S105SV-0007	700	107 ~ 214	92.0%	120,000 Tc=70°C	183(166) × 60 × 36.5
	EDC-150S105SV-0004	860	97 ~ 174	92.5%		
	EDC-150S105SV	1050	97 ~ 143	91.5%	120,000 Tc=70°C	183(166) × 60 × 36.5
	EDC-150S105SV2	700 ~ 1050	97 ~ 214	92.0%		



Common Features

- Ultra High Efficiency (Up to 97.5%)
- Non-Isolated Design with Low Residual Output Voltage < 2kV
- No Afterglow
- Adjustable Output Current (AOC) with Programmability
- Input Voltage Range: 180 ~ 457 Vac
- Always-on Auxiliary Power: 12Vdc, 250mA
- Dim-to-Off with Standby Power ≤0.5W
- Low Inrush Current
- Fade-Time Adjustable
- End-of-Life Indicator
- 5-Year Warranty

400W / 600W Features

- 43mm Width (Mx Model) / 40.5mm Width (MP Model)
- Maximum Dimming Level with 9V or 10V Selectable
- Isolated 0-10V/10V PWM/Resistor/3-Timer-Modes Dimmable
- IP65 and UL Dry/Damp Location (MF Model)
- IP66/IP67 and UL Dry/Damp/Wet Location (MG/MT Models)
- IP20 (MP Model)
- Suitable for Luminaires with Protection Class I
- Input Surge Protection: DM 4 kV, CM 6 kV

1000W Features

- 90mm Width
- Maximum Dimming Level with 9V or 10V Selectable
- Minimum Dimming Level with 5% or 10% Selectable
- INV Digital Dimming, UART Based Communication Protocol
- Isolated 0-10V/PWM/Resistor/3-Timer-Modes Dimmable
- IP66/IP67 and UL Dry/Damp/Wet Location
- All-Around Protection: IOVP, IUVP, OVP, SCP, OTP
- Input Surge Protection: DM 6kV, CM 10kV

About NEL

The NEL family is a non-isolated, slim product designed for the horticulture industry and other applications requiring a linear form factor with a wide input voltage range of 180-457Vac. They provide high efficiency to reduce electricity consumption.

Safety Certifications



Power Levels

400W 600W 1000W

Output Power (W)	Model No.	Output Current (mA)	Output Voltage Range (Vdc)	Eff.@ 400Vac	Lifetime (hours)	Dimensions (L×W×H)(mm)
400	NEL-400S140MP	730 ~ 1400	150 ~ 550	97.0%	102,000 Tc= 70°C	452 × 40.5 × 40
	NEL-400S140Mx ^①	730 ~ 1400	150 ~ 550	97.0%	120,000 Tc=70°C	MF: 452(431) × 43 × 38 MG/MT: 462(441) × 43 × 38
600	NEL-600S220Mx	1100 ~ 2200	150 ~ 550	96.5%	103,000 Tc= 70°C	MF: 452(431) × 43 × 38 MG/MT: 462(441) × 43 × 38
1000	NEL-1K0S400Mx	2000 ~ 4000	150 ~ 500	97.5%	114,000 Tc= 70°C	310(291) × 90 × 43.5

① : P = Push Terminals ; x = F are UL Class P, ENEC, CE, etc. models with flying leads; x = G are UL Recognized, ENEC, CE, etc. models; x = T are UL Class P models



Common Features

- Input Voltage Range: 180 ~ 528Vac
- Non-Isolated Class I Driver
- Low Residual Output Voltage < 2kV
- No Afterglow
- Ultra High Efficiency (Up to 97.5%)
- Full Power at Wide Output Current Range (Constant Power)
- Adjustable Output Current (AOC) with NFC
- Adjustable Dimming Curve
- Hold Time Adjustable
- Fade Time Adjustable
- Always-on Auxiliary Power: 12Vdc, 250mA (Except DMX-RDM Mode)
- Minimum Dimming Level Supports 0.1% for DALI-2 and DMX-RDM, 1% for Others (Gx Model)
- Controls Up to 44 fps
- Integrated Power Metering with High Accuracy Up to ±1%
- Low Inrush Current
- Output Lumen Compensation
- End-of-Life Indicator
- Input Surge Protection: DM 10kV, CM 10kV
- All-Around Protection: OPP, IOVP, IUVP, OVP, SCP, OTP
- IP66/IP67 and UL Dry/Damp/Wet Location
- TYPE HL, for Use in a Class I, Division 2 Hazardous (Classified) Location
- 5-Year Warranty

About NFM-Gx/Mx

The NFM family features a non-isolated design that delivers highly efficient performance. It incorporates an exceptionally wide input range from 180-528Vac and supports multiple dimming methods including DALI-2/D4i, DMX/RDM, 0-10V, and more.

Dimming Functions

- DALI-2 and D4i Certified (Gx Model)
- DALI-2 & DMX-RDM Dimmable & Adjustable 0-10V & PWM & 3-Timer-Modes Dimmable & Resistor (Gx Model)
- Adjustable 0-10V & PWM & 3-Timer-Modes Dimmable & Resistor (Mx Model)
- INV Digital Dimming, UART Based Communication Protocol

Power Levels

680W 880W 1200W

Safety Certifications



global-mark

Output Power (W)	Model No.	Full-power Current Range(mA)	Output Voltage Range (Vdc)	Eff.@ 480Vac	Lifetime (hours)	Dimensions (L×W×H)(mm)
680	NFM-680S270Gx/Mx	1360 ~ 2700	150 ~ 500	97.0%	100,000 Tc=70°C	275(256) × 90 × 43.5
880	NFM-880S350Gx/Mx	1760 ~ 3500	150 ~ 500	97.0%	100,000 Tc=70°C	275(250) × 108 × 44.5
1200	NFM-1K2S480Gx/Mx	2400 ~ 4800	150 ~ 500	97.5%	100,000 Tc=70°C	310(288) × 108 × 48.5



Common Features

- Input Voltage Range: 180 ~ 528Vac
- Non-Isolated Class I Driver
- Low Residual Output Voltage < 2 kV
- No Afterglow
- Dim-to-Off with Standby Power ≤ 0.5W @ 230Vac
- Dimming Range: 0.1%-100%
- Adjustable Output Current (AOC) with NFC
 - 2*600W Independent Programmable Channels & Support Common
- Anode Output Connection (NFS-1K2D210BC)
 - 3*600W Independent Programmable Channels & Support Common
- Anode Output Connection (NFS-1K8T210BC)
- Max Remote Distance Up to 300 Meter (Dimming and Output)
- Ultra High Efficiency (Up to 97.0%)
- Full Power at Wide Output Current Range (Constant Power)
- Adjustable Output Current (AOC) via DALI/DMX-RDM
- Single-Channel (1*DT6 or 1*DMX) Operating Mode (Except NFS-600S210BC)
- Multi-Channel (2*DT6 or 2*DMX) Operating Mode (NFS-1K2D210BC)
- Multi-Channel (up to 3*DT6 or 3*DMX) Operating Mode (NFS-1K8T210BC)
- DALI-2/DMX-RDM Controls Up to 44 fps
- Integrated Power Metering with High Accuracy up to ±1%
- Thermal Sensing and Protection for LED Module
- Low Inrush Current
- Output Lumen Compensation
- End-of-Life Indicator
- Input Surge Protection: DM 10kV, CM 10kV
- All-Around Protection: IOVP, IUVP, OVP, SCP, OTP, OPP
- IP66
- IK08 Enclosure
- 5-Year Warranty

About NFS-BC

The NFS family features a non-isolated design, enhancing its ultrahigh efficiency performance. It incorporates a remarkably wide input range spanning from 180-528Vac and supports various dimming methods like DALI-2/D4i, DMX/RDM, 0-10V, etc. Additionally, the NFS family offers a junction box to streamline the luminaire design and provides 1-CH, 2-CH, and 3-CH output designs.

Dimming Functions

DALI-2 and D4i Certified & DMX-RDM & 3-Timer-Modes Dimmable

Power Levels

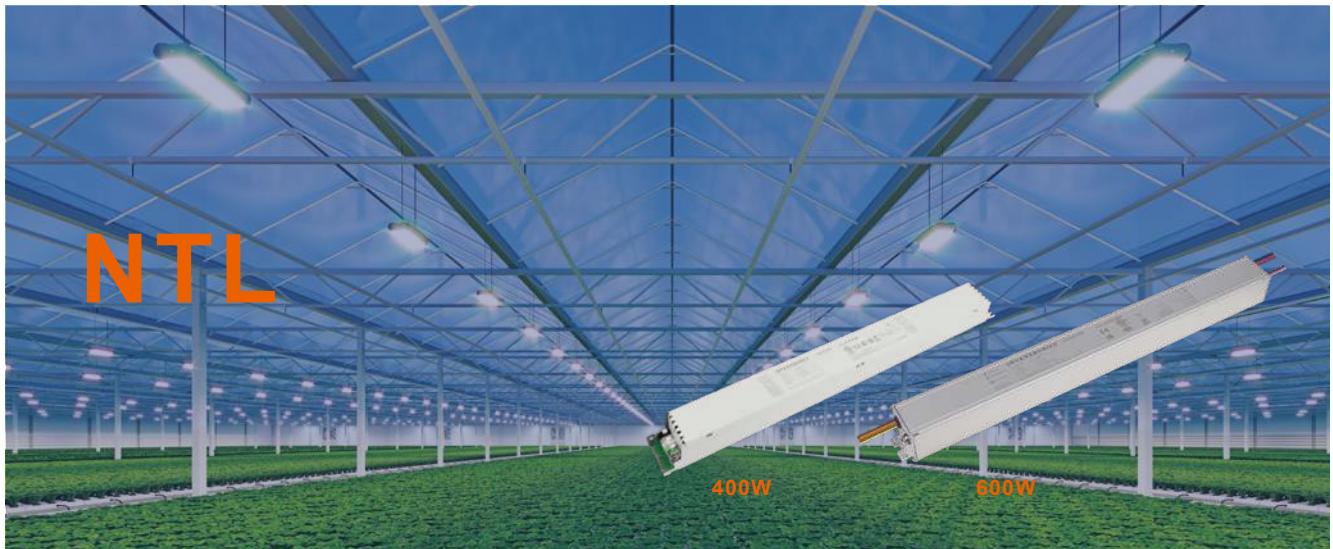
600W 1200W 1800W

Safety Certifications



global-mark

Output Power (W)	Model No.	Full-power Current Range(mA)	Output Voltage Range (Vdc)	Eff.@480Vac	Lifetime (hours)	Dimensions (L×W×H)(mm)
600	NFS-600S210BC	1200 ~ 2100	176 ~ 500	97.0%	100,000 Tc=70°C	310 × 145 × 70
1200	NFS-1K2D210BC	1200 ~ 2100	176 ~ 500	97.0%	100,000 Tc=70°C	500 × 152 × 80
1800	NFS-1K8T210BC	1200 ~ 2100	176 ~ 500	97.0%	100,000 Tc=70°C	500 × 152 × 80



Inventronics Advantages

- Ultra High Efficiency (Up to 97%)
- Non-Isolated Design with Low residual output voltage < 2kV
- No Afterglow
- Full Power at Wide Output Current Range (Constant Power)
- Adjustable Output Current (AOC) with Programmability
- Input Voltage Range: 312 ~ 528Vac
- Maximum Dimming Level with 9V or 10V Selectable
- Fade-Time Adjustable
- Always-on Auxiliary Power: 12Vdc, 250mA
- Low Inrush Current
- Output Lumen Compensation
- End-of-Life Indicator
- Input Surge Protection: DM 4kV, CM 6kV
- All-Around Protection: OVP, SCP, OTP
- Suitable for Luminaires with Protection Class I
- IP20 (MP Models)
- IP65 and UL Dry/Damp Location (MF Models)
- IP66/IP67 and UL Dry/Damp/Wet Location (MG/MT Models)
- 5-Year Warranty

Dimming Functions

- Isolated 0-10V/10V PWM/Resistor/3-Timer-Modes Dimmable
- Dim-to-Off

Safety Certifications



About NTL

The NTL series is a non-isolated, constant-current LED driver that operates from 312-528Vac input with an excellent power factor. It is created for many lighting applications, including high bay and horticulture. The high efficiency of these drivers and slim metal case enables them to run cooler, significantly improving reliability and extending product life. To ensure trouble-free operation, protection is provided against over-voltage, short circuit, and over-temperature.

Power Levels

400W 600W

Output Power (W)	Model No.	Output Current (mA)	Output Voltage Range (Vdc)	Eff.@ 480Vac	Lifetime (hours)	Dimensions (L×W×H)(mm)
400	NTL-400S140MP	730 ~ 1400	150 ~ 550	96.5%	120,000 Tc=70°C	452 × 40.5 × 40
600	NTL-600S220Mx ①	1100 ~ 2200	150 ~ 550	97.0%	101,000 Tc=70°C	MF: 452(431) × 43× 38 MG/MT: 462(441) × 43× 38

① : P = Push Terminals ; x = F are UL Class P, ENEC, CE, etc. models with flying leads; x = G are UL Recognized, ENEC, CE, etc. models; x = T are UL Class P models



Inventronics Advantages

- Ultra High Efficiency (Up to 97.0%)
- Non-Isolated Class I Driver
- No Afterglow
- Dim-to-Off with Standby Power $\leq 0.5W$ @ 230Vac
- Dimming Range: 0.4%-100%
- 3*600W Independent Programmable Channels & Support Common Anode Output Connection
- Max Remote Distance Up to 300 Meters
- Full Power at Wide Output Current Range (Constant Power)
- Adjustable Output Current (AOC) via DALI/DMX-RDM
- Input Voltage Range: 198 ~ 457Vac
- DALI-2 and D4i Certified & DMX-RDM & 3-Timer-Modes Dimmable
- Single-channel (1*DT6 or 1*DMX) Operating Mode
- DALI-2/DMX-RDM Controls Up to 33 fps
- Integrated Power Metering with High Accuracy up to $\pm 1\%$
- Thermal Sensing and Protection for LED Module
- Low Inrush Current
- Output Lumen Compensation
- End-of-Life Indicator
- Input Surge Protection: DM 10kV, CM 10kV
- All-Around Protection: IOVP, IUVP, OVP, SCP, OTP
- IP66
- IK08 Enclosure
- 5-Year Warranty

About NES-1K8

The NES-1K8 is a non-isolated 1800W, three channel, constant-current, programmable LED driver that operates from 198-457Vac input. It provides a Dim-to-Off mode with Low Standby Power and is created for many lighting applications, including sports, high mast, UV-LED, aquaculture, and horticulture. The high efficiency of these drivers and compact metal case enables them to run cooler, significantly improving reliability and extending product life. To ensure trouble-free operation, protection is provided against input surge, output over-voltage, short circuit, and over-temperature.

Power Levels

1800W

Safety Certifications



Output Power (W)	Model No.	Output Current (mA)	Output Voltage Range (Vdc)	Eff. @ 400Vac	Lifetime (hours)	Dimensions (L×W×H)(mm)
1800	NES-1K8T210BC	1200 ~ 2100	176 ~ 500	97.0%	89,000 Tc=70°C	525(500) × 152 × 90

CONTROLS-READY

Driver Health Monitoring and Smart Lighting Solutions

Driver Health Monitoring

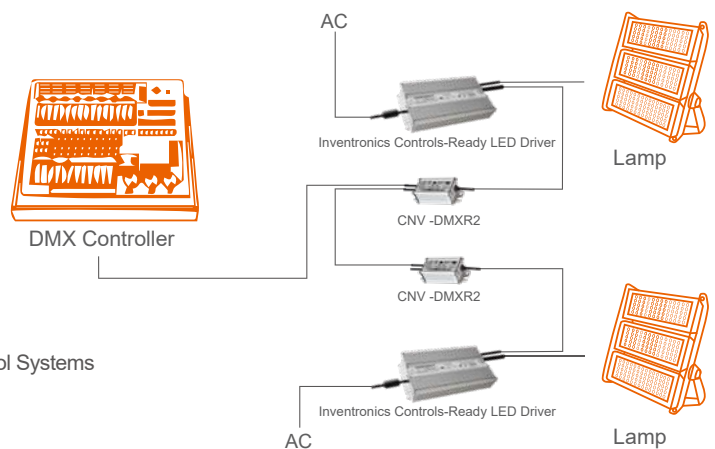
- Inventronics Digital Dimming is Available on Select Controls-Ready Drivers
- Allows Critical Information to be Analyzed by a Control System to Extend Driver Life
- Available Information:
 - Internal and External Temperature
 - Read Output Current and Voltage
 - Dim Driver
 - Read Driver Model Number
 - Program Output Current

Controls-Ready Drivers

- Offer Ease of Controls Integration
 - Auxiliary Supply - Eliminates Need for a Power Pack.
 - Dim-to-Off - Eliminates The Need for an AC Relay.
- Controls Agnostics and is Compatible With a Wide Range of Control Systems

Applications

- NB-IoT
- DMX-RDM
- ZigBee
- PLC
- Synapse
- GPRS



Intelligent Controls

DMX-RDM

CNV-DMXR2

DMX-RDM Stadium/Stage Lighting Management Solutions

Features

- Converts DMX-RDM Signal to 0/1-10V Dimming Signal
- Compatible with RDM over DMX512 Networks with Bi-Directional Communication



UL US FC CB CE

DALI-2

CNV-DALI2

DALI-2 Stadium/Stage Lighting Management Solutions

Features

- Convert DALI-2 Signal to 0/1-10V Dimming Signal
- Comply with DALI-2 Protocol
- Powered By Auxiliary Power with 3-Wire Connection to Driver
- IP66/IP67



UL US FC CB CE



CNV-SNAP-AN0

Synapse Networks: Wireless Control Integration

Features

- Converts Synapse Signal to 0-10V Dimming Signal
- Deployed and Managed Using Synapse SimplySNAP Software
- Typical Application: Stadium, Production and Architectural Lighting



UL US FC CE



CNV-SNAP-DD2

Synapse Networks: Wireless Control Integration

Features

- Synapse to 0-10V and DALI-2 Network Interface Module
- Self-healing 2.4GHz Synapse Mesh Network



UL US FC CE

Programming Tools

PRG-NFC-D2

Features

- For Use with Inventronics NFC Enabled Drivers
- Zhaga Book 24 Compliant
- USB Powered
- IP42
- Connects to Inventronics Multi-Programmer Software



PRG-NFC-H

Features

- For Use with Inventronics NFC Enabled Drivers
- Zhaga Book 24 Compliant
- USB Powered
- IP30
- Connects to Inventronics Multi-Programmer Software



PRG-MUL2

Features

- Programmer for All Inventronics DALI and 0-10V Programmable Drivers
- Offline Programming Capability
- Automatic Programming Mode



FC CE

PRG-CASE2

Features

- Ruggedized Case for the PRG-MUL2
- For Use in Manufacturing Environments
- LED Indicator and Built-in Buzzer for Programming Status
- Quick Connect Terminals for Ease of Connection
- Long Life User Interface Button to Deploy Program to Drivers





PU-20KS10KHT

■ Features

- Compatible with Inventronics LED Drivers
- 90-305Vac Working Input Voltage
- DM, CM Surge Protection Mode
- Maximum Discharge Current (I_{max}) 20kA, 8/20 μ s
- Nominal Discharge Current (I_n) 10kA, 8/20 μ s
- UL1449 Type 5 Recognized Component
- IEEE C62.41.2 Location Category C High Exposure
- High Temperature, 85°C Maximum Surface Temp Rating



PS-20KS10KHT

■ Features

- Compatible with Inventronics LED Drivers
- 249-528Vac Working Input Voltage
- DM, CM Surge Protection Mode
- Maximum Discharge Current (I_{max}) 20kA, 8/20 μ s
- Nominal Discharge Current (I_n) 10kA, 8/20 μ s
- UL1449 Type 5 Recognized Component
- IEEE C62.41.2 Location Category C High Exposure
- High Temperature, 85°C Maximum Surface Temp Rating



PU-20Kx10KTxx

■ Features

- Compatible with Inventronics LED Drivers
- 90-305Vac Working Input Voltage
- 15 kA Maximum, 10 kA Nominal (15 strikes) Surge Current Rating Using Industry Standard 8/20 μ s Wave
- UL1449 Type 4, EN 61643-11 – Surge Protective Devices T2 & T3
- IEEE C62.41.2 Location Category C High
- High Temperature, 85°C Maximum Ambient
- Flameproof Plastic Enclosure
- IP66



PU-10Kx05KBxA

■ Features

- 90-305Vac Working Input Voltage
- U_{oc} =10kV & I_n =5kA
- Certified for both EN 61643-11 - T2 & T3
- Protection Mode for TN, TT and IT-Systems
- Available for Series & Parallel Installation
- Available for Class I & Class II luminaires
- Double Thermally Protected
- End-of-life LED Indicator
- High Temperature, 85°C Maximum Surface Temp
- Input Over Voltage Protection at 440Vac with 48 Hours
- IP66 / IP67

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www.inventronics-light.com



OSRAM Indoor Constant Current LED Drivers_Compact 欧司朗室内恒流LED驱动电源_紧凑形

05/2024

OSRAM

OSRAM Indoor Constant Current LED Drivers_Compact 欧司朗室内恒流LED驱动电源_紧凑型

																										
OTI DALI 15/220-240/1A0 NFC TW I	OTI DALI 35/220-240/1A0 NFC TW	OTI DALI 40/220-240/1A0 NFC T-B	OTI DALI 15/220-240/1A0 NFC	OTI DALI 10/220-240/700 NFC	OTI DALI 10/220-240/700 NFC I	OT Wi 15/220-240/1A0 NFC BL LP I	OT Wi 15/220-240/1A0 NFC CA LP	OT Wi 15/220-240/1A0 NFC CA LP I	OT Wi 40/220-240/1A0 NFC CA T-B	IT DALI 15/220-240/360 CS																
Product Family 系列	Product Name 产品名称	EAN10 订货号	Dimmable 调光方式	TouchSEL/ DIM 按键 调光	SELV/ Non Isolated 隔离/ 非隔离	Input Voltage 输入电压 [V]	Output Power 输出功率 [W]	Output Voltage 输出电压 [V]	Output Current 输出电流 [mA]	Max Efficiency 最大效率 [%]	Ripple (100Hz) 纹波电流 [%]	Pst LM ≤1 at full load	SVI ≤0.4 at full load	Power Factor 功率 因数 (满载)	THD% (Full load) 总谐波 (满载)	Dimensions 外形尺寸 (LxWxH) [mm]	Ambient temperature range 工作环境温度[°C]	Max Tc 最高温度 [°C]	Lifetime 产品寿命 [h]	IP Rating 防护等级	EL (Emergency Lighting) 应急照明	Suitable Luminaire Protection Class 适用灯具 防护等级	Cable Clamp 压线夹	Programmer Tool 编程工具	Standard pack 标准包装 [pcs.]	Certificates & Approbations 认证
OTI DALI Tunable White	OTI DALI 15/220-240/1A0 NFC TW I	4062172211543	DALI-2	Yes	SELV	220-240	3-18	7.5-54	150-1050	85	<2	Yes	Yes	≥0.9	<15	203x44x34	-25...+50	70	50K ⁽¹⁾ /100K ⁽²⁾	IP20	Yes	I/II	Integrated	DALI Magic,NFC programmer	20	CE,UKCA,BNEC,CCC,ROM,EAC,BIS,KC
	OTI DALI 25/220-240/700 NFC TW I	4062172211567	DALI-2	Yes	SELV	220-240	3-25	12-54	180-700	87	<2	Yes	Yes	≥0.9	<15	203x44x34	-25...+50	70	50K ⁽¹⁾ /100K ⁽²⁾	IP20	Yes	I/II	Integrated	DALI Magic,NFC programmer	20	CE,UKCA,BNEC,CCC,ROM,EAC,BIS,KC
	OTI DALI 35/220-240/1A0 NFC TW	4062172123501	DALI-2	Yes	SELV	220-240	5.25-38	15-54	350-1050	90	<1	Yes	Yes	≥0.95	<20	135x75x25	-25...+60	75	50K ⁽¹⁾ /100K ⁽²⁾	IP20	Yes	I/II	A-STYLE A-STYLE TL	DALI Magic,NFC programmer	20	CE,UKCA,BNEC,CCC,ROM,EAC,BIS,KC
	OTI DALI 50/220-240/1A4 NFC TW	4062172123525	DALI-2	Yes	SELV	220-240	9-55	15-54	600-1400	91	<1	Yes	Yes	≥0.95	<20	135x75x25	-25...+50	75	50K ⁽¹⁾ /100K ⁽²⁾	IP20	Yes	I/II	A-STYLE A-STYLE TL	DALI Magic,NFC programmer	20	CE,UKCA,BNEC,CCC,ROM,EAC,BIS,KC
OTI DEXAL D4I	OTI DX 25/220-240/700 NFC	4062172017947	DEXAL(D4I)	N/A	SELV	220-240	7-27	15-54	180-700	88	<3	Yes	Yes	≥0.98	<10	103x67x29.5	-25...+55	75	50K ⁽¹⁾ /100K ⁽²⁾	IP20	Yes	I/II	B-STYLE B-STYLE TL	DALI Magic,NFC programmer	20	CE,UKCA,BNEC,CCC,ROM,EAC,BIS,KC*
	OTI DX 35/220-240/1A0 NFC	4062172017961	DEXAL(D4I)	N/A	SELV	220-240	14-35	15-54	350-1050	90	<3	Yes	Yes	≥0.98	<10	103x67x29.5	-25...+50	80	50K ⁽¹⁾ /100K ⁽²⁾	IP20	Yes	I/II	B-STYLE B-STYLE TL	DALI Magic,NFC programmer	20	CE,UKCA,BNEC,CCC,ROM,EAC,BIS,KC*
	OTI DX 50/220-240/1A4 NFC	4062172061865	DEXAL(D4I)	N/A	SELV	220-240	22-55	15-54	600-1400	91	<3	Yes	Yes	≥0.95	<10	110x75x25	-25...+50	80	50K ⁽¹⁾ /100K ⁽²⁾	IP20	Yes	I/II	A-STYLE A-STYLE TL	DALI Magic,NFC programmer	20	CE,UKCA,BNEC,CCC,ROM,EAC,BIS,KC*
OTI DALI SELV NFC Track-Black NEW! OTI DALI SELV NFC Track-White NEW! OTI DALI SELV NFC Track-Grey NEW!	OTI DALI 40/220-240/1A0 NFC T-BVS200SRAM	4062172310475	DALI-2	Yes	SELV	220-240	2.7-40	18-42	150-1050	86	<5	Yes	Yes	≥0.95	<10	205x46x31	-20...+35	90	50K ⁽¹⁾ /100K ⁽²⁾	IP20	NO	N.A.	N.A.	DALI Magic,NFC programmer	20	CE,UKCA,BNEC,CCC,ROM,BIS,KC*
	OTI DALI 40/220-240/1A0 NFC T-WVS200SRAM	4062172310529	DALI-2	Yes	SELV	220-240	2.7-40	18-42	150-1050	86	<5	Yes	Yes	≥0.95	<10	205x46x31	-20...+35	90	50K ⁽¹⁾ /100K ⁽²⁾	IP20	NO	N.A.	N.A.	DALI Magic,NFC programmer	20	CE,UKCA,BNEC,CCC,ROM,BIS,KC*
	OTI DALI 40/220-240/1A0 NFC T-GVS200SRAM	4062172350105	DALI-2	Yes	SELV	220-240	2.7-40	18-42	150-1050	86	<5	Yes	Yes	≥0.95	<10	205x46x31	-20...+35	90	50K ⁽¹⁾ /100K ⁽²⁾	IP20	NO	N.A.	N.A.	DALI Magic,NFC programmer	20	CE,UKCA,BNEC,CCC,ROM,BIS,KC*
OTI DALI SELV NFC	OTI DALI 15/220-240/1A0 NFC	4062172061766	DALI-2	Yes	SELV	220-240	3-18	7.5-54	150-1050	88	<2	Yes	Yes	0.95	<10	95x53x30	-20...+50	80	50K ⁽¹⁾ /100K ⁽²⁾	IP20	Yes	I/II	F-STYLE	DALI Magic,NFC programmer	20	CE,UKCA,BNEC,CCC,ROM,EAC,BIS*,KC,TIS*
	OTI DALI 25/220-240/700 NFC	4062172017909	DALI-2	Yes	SELV	220-240	7-27	15-54	180-700	88	<3	Yes	Yes	≥0.98	<10	103x67x29.5	-20...+50	75	50K ⁽¹⁾ /100K ⁽²⁾	IP20	Yes	I/II	B-STYLE B-STYLE TL	DALI Magic,NFC programmer	20	CE,UKCA,BNEC,CCC,ROM,EAC,BIS*,KC,TIS*
	OTI DALI 35/220-240/1A0 NFC	4062172017923	DALI-2	Yes	SELV	220-240	14-35	15-54	350-1050	90	<3	Yes	Yes	≥0.98	<10	103x67x29.5	-20...+50	75	50K ⁽¹⁾ /100K ⁽²⁾	IP20	Yes	I/II	B-STYLE B-STYLE TL	DALI Magic,NFC programmer	20	CE,UKCA,BNEC,CCC,ROM,EAC,BIS*,KC,TIS*
	OTI DALI 50/220-240/1A4 NFC	4062172061889	DALI-2	Yes	SELV	220-240	22-55	15-54	600-1400	91	<3	Yes	Yes	≥0.95	<10	110x75x25	-20...+50	80	50K ⁽¹⁾ /100K ⁽²⁾	IP20	Yes	I/II	A-STYLE A-STYLE TL	DALI Magic,NFC programmer	20	CE,UKCA,BNEC,CCC,ROM,EAC,BIS*,KC,TIS*
OTI DALI SELV NFC LP (Low Profile 21mm height)	OTI DALI 10/220...240/700 NFC	4062172250269	DALI-2	N/A	SELV	220-240	1.5-10	2.5-45	150-700	82	<2	Yes	Yes	>0.95	<15	123x31x21	-20...+50	75	50K ⁽¹⁾ /100K ⁽²⁾	IP20	Yes	I/II	N-STYLE	DALI Magic,NFC programmer	20	CE,UKCA,BNEC,CCC,ROM,EAC,BIS,KC,TIS
	OTI DALI 15/220-240/1A0 NFC LP	4062172227674	DALI-2	Yes	SELV	220-240	3-18	10-54	150-1050	87.5	<3	Yes	Yes	≥0.95	<10	97x43x22	-20...+50	80	50K ⁽¹⁾ /100K ⁽²⁾	IP20	Yes	I/II	Not applicable	DALI Magic,NFC programmer	20	CE,UKCA,BNEC,CCC,ROM,EAC,BIS*,KC,TIS*
	OTI DALI 25/220-240/700 NFC LP	4062172227698	DALI-2	Yes	SELV	220-240	3.6-27	10-54	180-700	88	<3	Yes	Yes	≥0.95	<10	97x43x22	-20...+50	85	50K ⁽¹⁾ /100K ⁽²⁾	IP20	Yes	I/II	Not applicable	DALI Magic,NFC programmer	20	CE,UKCA,BNEC,CCC,ROM,EAC,BIS*,KC,TIS*
	OTI DALI 40/220-240/1A0 NFC LP	4062172227711	DALI-2	Yes	SELV	220-240	7-38	10-54	350-1050	88	<3	Yes	Yes	≥0.95	<10	97x43x22	-20...+45	85	50K ⁽¹⁾ /100K ⁽²⁾	IP20	Yes	I/II	Not applicable	DALI Magic,NFC programmer	20	CE,UKCA,BNEC,CCC,ROM,EAC,BIS*,KC,TIS*
	OTI DALI 50/220-240/1A4 NFC LP	4062172224024	DALI-2	Yes	SELV	220-240	9-55	15-54	600-1400	90	<5	Yes	Yes	≥0.95	<10	103x67x22	-20...+50	75	50K ⁽¹⁾ /100K ⁽²⁾	IP20	Yes	I/II	Not applicable	DALI Magic,NFC programmer	20	CE,UKCA,BNEC,CCC,ROM,EAC,BIS*,KC,TIS*
OTI DALI SELV - Independent NFC LP(Low Profile 22mm height)	OTI DALI 10/220-240/700 NFC I	4062172151252	DALI-2	Yes	SELV	220-240	1.5-10	2.5-45	150-700	82	<2	Yes	Yes	>0.95	<15	166x30x22	-20...+50	75	50K ⁽¹⁾ /100K ⁽²⁾	IP20	Yes	I/II	Integrated	DALI Magic,NFC programmer	20	CE,UKCA,BNEC,CCC,ROM,EAC,BIS,KC,TIS*
	OTI DALI 15/220-240/1A0 NFC LP I	4062172227735	DALI-2	Yes	SELV	220-240	3-18	10-54	150-1050	87.5	<3	Yes	Yes	≥0.95	<10	150x43x22	-20...+50	80	50K ⁽¹⁾ /100K ⁽²⁾	IP20	Yes	I/II	Integrated	DALI Magic,NFC programmer	20	CE,UKCA,BNEC,CCC,ROM,EAC,BIS,KC,TIS*
	OTI DALI 25/220-240/700 NFC LP I	4062172227759	DALI-2	Yes	SELV	220-240	3.6-27	10-54	180-700	88	<3	Yes	Yes	≥0.95	<10	150x43x22	-20...+50	85	50K ⁽¹⁾ /100K ⁽²⁾	IP20	Yes	I/II	Integrated	DALI Magic,NFC programmer	20	CE,UKCA,BNEC,CCC,ROM,EAC,BIS,KC,TIS*
	OTI DALI 40/220-240/1A0 NFC LP I	4062172227773	DALI-2	Yes	SELV	220-240	7-38	10-54	350-1050	88	<3	Yes	Yes	≥0.95	<10	150x43x22	-20...+45	85	50K ⁽¹⁾ /100K ⁽²⁾	IP20	Yes	I/II	Integrated	DALI Magic,NFC programmer	20	CE,UKCA,BNEC,CCC,ROM,EAC,BIS,KC,TIS*
OT Wi SELV -Hubsense NFC LP (Low Profile 22mm height)	OT Wi 15/220-240/1A0 NFC BL LP	4062172227810	QBM(qualified bluetooth mesh)	N/A	SELV	220-240	3-18	10-54	15																	

OSRAM Indoor Constant Current LED Drivers_Compact 欧司朗室内恒流LED驱动电源_紧凑型



Product Family 系列	Product Name 产品名称	EAN10 订货号	Dimmable 调光方式	Touch DIM 按键 调光	SELV/ Non Isolated 隔离/ 非隔离	Input Voltage 输入电压 [V]	Output Power 输出功率 [W]	Output Voltage 输出电压 [V]	Output Current 输出电流 [mA]	Max Efficiency 最大效率 [%]	Ripple (100Hz) 纹波电流 [%]	Pst LM≤1 at full load	SVM≤0.4 at full load	Power Factor 功率 因数 (满载)	THD% (Full load) 总谐波 (满载)	Dimensions 外形尺寸 (LxWxH) [mm]	Ambient temperature range 工作环境温度[°C]	Max Tc 最高温度 [°C]	Lifetime 产品寿命 [h]	IP Rating 防护等级	EL (Emergency Lighting) 应急照明	Suitable Luminaire Protection Class 适用灯具 防护等级	Cable Clamp 压线夹	Programmer Tool 编程工具	Standard pack 标准包装 [pcs.]	Certificates & Approbations 认证
IT 0-10V(DIM) SELV Dip Switch	IT DIM 12/220-240/300 CS I	4062172321334	0-10V	N/A	SELV	220-240	2.3-12.6	23-42	80/100/120/150/180/200/250/300	83	<3	Yes	Yes	>0.9	<10	130x30x20	-20...+50	75	50K ⁽¹⁾	IP20	No	II	Integrated	Dip switch	20	CE/UKCA/ENEC/CCC/ROM/BS/AC/TSI
	IT DIM 20/220-240/500 CS I	4062172321402	0-10V	N/A	SELV	220-240	3.5-21	23-42	150/200/250/300/350/400/450/500	85	<3	Yes	Yes	>0.9	<10	150x42x28	-20...+50	75	50K ⁽¹⁾	IP20	No	II	Integrated	Dip switch	20	CE/UKCA/ENEC/CCC/ROM/BS/AC/TSI
	IT DIM 40/220-240/1A0 CS I	4062172321426	0-10V	N/A	SELV	220-240	12.7-44.1	23-42	550/600/700/750/800/850/900/1050	87	<3	Yes	Yes	>0.9	<10	150x42x28	-20...+50	80	50K ⁽¹⁾	IP20	No	II	Integrated	Dip switch	20	CE/UKCA/ENEC/CCC/ROM/BS/AC/TSI
OT FIT PhaseCut (PC) SELV Dip switch	OT FIT 7/220-240/180 CS PC	4062172286541	Leading/Trailing edge	N/A	SELV	220-240	2.7-7.2	27-40	100/120/150/180	79	<5	Yes	Yes	>0.95	<20	130x30x22.2	-20...+50	70	50K ⁽¹⁾	IP20	No	I/II	Integrated	Dip switch	20	CE/UKCA/ENEC/CCC/ROM/BS/AC/TSI*
	OT FIT 8/220-240/180 CS PC	40621722007535	Leading/Trailing edge	N/A	SELV	220-240	2.7-7.2	27-40	100/120/150/180	80	<5	Yes	Yes	>0.95	<20	95x50x22	-20...+50	70	35K ⁽¹⁾ /50K ⁽²⁾	IP20	No	I/II	Integrated	Dip switch	20	CE/UKCA/ENEC/CCC/ROM/EAC/BS/AC/TSI
	OT FIT 14/220-240/350 CS PC	4062172286503	Leading/Trailing edge	N/A	SELV	220-240	5.4-14	27-40	200/250/300/350	81	<5	Yes	Yes	>0.95	<20	130x30x22.2	-20...+50	80	50K ⁽¹⁾	IP20	No	I/II	Integrated	Dip switch	20	CE/UKCA/ENEC/CCC/ROM/BS/AC/TSI*
	OT FIT 18/220-240/450 CS PC	4062172007559	Leading/Trailing edge	N/A	SELV	220-240	6.3-18	27-40	225/300/350/450	82	<5	Yes	Yes	>0.95	<20	95x50x22	-20...+50	80	35K ⁽¹⁾ /50K ⁽²⁾	IP20	No	I/II	Integrated	Dip switch	20	CE/UKCA/ENEC/CCC/ROM/EAC/BS/AC/TSI
	OT FIT 30/220-240/700 CS PC	4052899629226	Leading/Trailing edge	N/A	SELV	220-240	13.5-29.6	27-40	500/600/700/800	85	<3	Yes	Yes	>0.95	<20	95x53x30	-20...+50	75	35K ⁽¹⁾ /50K ⁽²⁾	IP20	No	I/II	E-STYLE	Dip switch	20	CE/UKCA/ENEC/CCC/ROM/EAC/BS/AC/TSI*
	OT FIT 40/220-240/1A0 CS PC	4052899617261	Leading/Trailing edge	N/A	SELV	220-240	21.6-42	27-40	800/900/950/1050	86	<5	Yes	Yes	>0.95	<20	108x67x22	-20...+50	80	35K ⁽¹⁾ /50K ⁽²⁾	IP20	No	I/II	Integrated	Dip switch	20	CE/UKCA/ENEC/CCC/ROM/EAC/BS/TSI
	OT FIT 40/220-240/1A0 CS PC SC	4062172131438	Leading/Trailing edge	N/A	SELV	220-240	21.6-42	27-40	800/900/950/1050	86	<5	Yes	Yes	>0.95	<20	108x67x22	-20...+50	80	35K ⁽¹⁾ /50K ⁽²⁾	IP20	No	I/II	Integrated	Dip switch	20	CE/UKCA/ENEC/CCC/EAC/BS/TSI
	OT FIT PhaseCut (PC) SELV Tunable White	OT FIT 10/220-240/255 TW	4062172174671	Trailing edge	N/A	SELV	220-240	4.9-9.7	27-38	180/205/230/255	78	<5	Yes	Yes	>0.90	<20	102x51x22	-20...+50	80	50K ⁽¹⁾	IP20	No	I/II	Integrated	Dip switch	20
OT FIT PhaseCut (PC) SELV Phase Cut Dimmer	OT FIT 18/220-240/450 TW	4062172110280	Trailing edge	N/A	SELV	220-240	8.1-17.1	27-38	300/350/400/450	82	<3	Yes	Yes	>0.95	<20	95x53x30	-20...+50	75	50K ⁽²⁾	IP20	No	I/II	E-STYLE	Dip switch	20	CE/UKCA/CCC/ROM/EAC/BS/AC/TSI*
	OT FIT 40/220-240/1A0 TW	4062172174718	Trailing edge	N/A	SELV	220-240	18.9-38	27-38	700/800/900/1000	85	<5	Yes	Yes	>0.95	<20	108x67x22	-20...+50	80	50K ⁽¹⁾	IP20	No	I/II	Integrated	Dip switch	20	CE/UKCA/ENEC/CCC/ROM/EAC/BS/AC/TSI*
	MCU TE TW	4062172123570	Trailing edge	N/A	N/A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	CE/UKCA/ENEC/CCC/ROM/EAC/BS/AC/TSI*
	OT FIT SELV NFC	OT FIT 15/220-240/350 NFC	4052899617179	Non-DIM	N/A	SELV	220-240	2.7-14	18-40	150-350	85	<5	Yes	Yes	>0.95	<10	97x43x29.5	-20...+50	70	50K ⁽¹⁾ /100K ⁽²⁾	IP20	No	I/II	D-STYLE	NFC	20
IT FIT CS I SELV - built in Dip switch	NEW! IT FIT 20/220-240/500 CS	4062172326346	Non-DIM	N/A	SELV	220-240	3.45-21	23-42	150/200/250/300/350/400/450/500	89	<3	Yes	Yes	>0.97	<10	97x43x29.5	-20...+50	70	50K ⁽¹⁾	IP20	No	I/II	D-STYLE	Dip switch	50	CE/UKCA/ENEC/CCC/ROM/BS/AC/TSI*
	NEW! IT FIT 30/220-240/700 CS	4062172326360	Non-DIM	N/A	SELV	220-240	8.5-29.4	23-42	350/400/450/500/550/600/650/700	90	<3	Yes	Yes	>0.97	<10	97x43x29.5	-20...+50	80	50K ⁽¹⁾	IP20	No	I/II	D-STYLE	Dip switch	50	CE/UKCA/ENEC/CCC/ROM/BS/AC/TSI*
	NEW! IT FIT 40/220-240/1A0 CS	4062172326384	Non-DIM	N/A	SELV	220-240	16.1-44.1	23-42	700/750/800/850/900/950/1000/1050	91	<3	Yes	Yes	>0.97	<10	97x43x29.5	-20...+50(45°)	80	50K ⁽¹⁾	IP20	No	I/II	D-STYLE	Dip switch	50	CE/UKCA/ENEC/CCC/ROM/BS/AC/TSI*
	NEW! IT FIT 60/220-240/1A4 CS	4062172306072	Non-DIM	N/A	SELV	220-240	22.3-60	27-57	825/900/975/1050/1100/1200/1300/1400	90	<3	Yes	Yes	>0.98	<10	103x67x29.5	-20...+50	80	50K ⁽¹⁾	IP20	No	I/II	B-STYLE	Dip switch	20	CE/UKCA/ENEC/CCC/ROM/BS/AC/TSI*
OT FIT CS Dip switch	OT FIT 75/220...240/1A6 CS	4052899999565	Non-DIM	N/A	SELV	220-240	32.5-77	27-57@1200/1350 27-42@1500/1650	1200/1350/1500/1650	91	<5	Yes	Yes	>0.98	<10	103x67x29.5	-20...+50/45°	80	35K ⁽¹⁾ /50K ⁽²⁾	IP20	No	I/II	B-STYLE TL B-STYLE	Dip switch	20	CE/UKCA/ENEC/CCC/ROM/AC/TSI
IT FIT CS I SELV - Independent Dip switch	NEW! IT FIT 20/220-240/500 CS I	4062172326285	Non-DIM	N/A	SELV	220-240	3.45-21	23-42	150/200/250/300/350/400/450/500	89	<3	Yes	Yes	0.97	<10	145x43x28	-20...+45	80	50K	IP20	No	II	Integrated	Dip switch	50	CE/UKCA/ENEC/CCC/ROM/BS/AC/TSI*
	NEW! IT FIT 30/220-240/700 CS I	4062172326308	Non-DIM	N/A	SELV	220-240	8.5-29.4	23-42	350/400/450/500/550/600/650/700	90	<3	Yes	Yes	0.97	<10	145x43x28	-20...+45	80	50K	IP20	No	II	Integrated	Dip switch	50	CE/UKCA/ENEC/CCC/ROM/BS/AC/TSI*
	NEW! IT FIT 40/220-240/1A0 CS I	4062172326322	Non-DIM	N/A	SELV	220-240	16.1-44.1	23-42	700/750/800/850/900/950/1000/1050	91	<3	Yes	Yes	0.97	<10	145x43x28	-20...+45	80	50K	IP20	No	II	Integrated	Dip switch	50	CE/UKCA/ENEC/CCC/ROM/BS/AC/TSI*
IT FIT CS I SELV - Independent Dip switch	IT FIT 4/220-240/400 CS I	4062172199261	Non-DIM	N/A	SELV	220-240	0.25-4	2.5-10	100/200/300/400	75	<5	Yes	Yes	>0.8	<10	104x30x26	-20...+55	70	50K	IP20	No	I/II	Integrated	Dip switch	20	CE/UKCA/ENEC/CCC/ROM/AC/TSI*
	IT FIT 7/220-240/700 CS I	4062172199285	Non-DIM	N/A	SELV	220-240	0.875-7.7	2.5-11	350/400/450/500/550/600/650/700	80	<5	Yes	Yes	>0.9	10	104x30x26	-20...+50	70	50K	IP20	No	I/II	Integrated	Dip switch	20	CE/UKCA/ENEC/CCC/ROM/AC/TSI*
	IT FIT 11/220-240/500 CS I	4062172199308	Non-DIM	N/A	SELV	220-240	3.85-10.5	11-21	350/400/450/500mA	86	<5	Yes	Yes	>0.95	10	104x30x26	-20...+50	75	50K	IP20	No	I/II	Integrated	Dip switch	20	CE/UKCA/ENEC/CCC/ROM/AC/TSI*
	IT FIT 15/220-240/700 CS I	4062172199322	Non-DIM	N/A	SELV	220-240	6.05-14.7	11-21	550/600/650/700mA	86	<5	Yes	Yes	>0.95	10	104x30x26	-20...+50	80	50K	IP20	No	I/II	Integrated	Dip switch	20	CE/UKCA/ENEC/CCC/ROM/AC/TSI*
IT FIT SELV (PSE Certificate) Dip Switch	NEW! OT FIT 10/100-242/600	4062172326698	Non-DIM	N/A	SELV	100-242	1.5-10.54	10-40	150/200/250/300/310/350/360/400/450/500/550/600	>81	<5	Yes	Yes	>0.9	<20	220x43x41	-25...+50	70	50K ⁽¹⁾ /100K ⁽²⁾	IP20	No	I	Not applicable	Dip switch	20	
	NEW! OT FIT 25/100-242/600	4062172326711	Non-DIM	N/A	SELV	100-242	4.75-25.2	19-60	250/300/350/400/450/500/550/600	>83	<5	Yes	Yes	>0.95	<20	220x43x41	-25...+50	70	50K ⁽¹⁾ /100K ⁽²⁾	IP20	No	I	Not applicable	Dip switch	20	
	NEW! OT FIT 35/100-242/800	4062172326735	Non-DIM	N																						

OSRAM Indoor Constant Current LED Drivers_Compact 欧司朗室内恒流LED驱动电源_紧凑型



Product Family 系列	Product Name 产品名称	EAN10 订货号	Dimming 调光方式	Touch DIM 按键 调光	SELV/ Non Isolated 隔离/ 非隔离	Input Voltage 输入电压 [V]	Output Power 输出功率 [W]	Output Voltage 输出电压 [V]	Output Current 输出电流 [mA]	Max Efficiency 最大效率 [%]	Ripple (100Hz) 纹波电流 [%]	Pst LM ≤1 at full load	SVM ≤0.4 at full load	Power Factor 功率 因数 (满载)	THD% (Full load) 总谐波 (满载)	Dimensions 外形尺寸 (LxWxH) [mm]	Ambient temperature range 工作环境温度[°C]	Max Tc 最高温度 [°C]	Lifetime 产品寿命 [h]	IP Rating 防护等级	EL (Emergency Lighting) 应急照明	Suitable Luminaire Protection Class 适用灯具 防护等级	Cable Clamp kit 压线夹	Programmer Tool 编程工具	Standard pack 标准包装 [pcs.]	Certificates & Approbations 认证
ELEMENT SELV Suitable for Class II luminaires	NEW! EM 20/220-240/500 II	4055462434265	Non-DIM	N/A	SELV	220-240	15-21	30-42	500	87	<5	Yes	Yes	0.95	<15	119x37x27.5	-20...+40	70	35K ⁽¹⁾ /50K ⁽²⁾	IP20	No	II	Integrated	N/A	100	CE,UKCA,BNEN,CQC,RoHS,KC
	NEW! EM 25/220-240/600 II	4055462434289	Non-DIM	N/A	SELV	220-240	18-25.2	30-42	600	87	<5	Yes	Yes	0.95	<15	119x37x27.5	-20...+40	70	35K ⁽¹⁾ /50K ⁽²⁾	IP20	No	II	Integrated	N/A	100	CE,UKCA,BNEN,CQC,RoHS,KC
	NEW! EM 30/220-240/700 II	4055462434302	Non-DIM	N/A	SELV	220-240	21-29.4	30-42	700	88	<5	Yes	Yes	0.95	<15	119x37x27.5	-20...+40	75	35K ⁽¹⁾ /50K ⁽²⁾	IP20	No	II	Integrated	N/A	100	CE,UKCA,BNEN,CQC,RoHS,KC
	NEW! EM 34/220-240/800 II	4055462434326	Non-DIM	N/A	SELV	220-240	24-33.6	30-42	800	88	<5	Yes	Yes	0.95	<15	119x37x27.5	-20...+40	75	35K ⁽¹⁾ /50K ⁽²⁾	IP20	No	II	Integrated	N/A	100	CE,UKCA,BNEN,CQC,RoHS,KC
	NEW! EM 38/220-240/900 II	4055462434340	Non-DIM	N/A	SELV	220-240	27-37.8	30-42	900	89	<5	Yes	Yes	0.95	<15	119x37x27.5	-20...+40	75	35K ⁽¹⁾ /50K ⁽²⁾	IP20	No	II	Integrated	N/A	100	CE,UKCA,BNEN,CQC,RoHS,KC
	NEW! EM 42/220-240/1A0 II	4055462434364	Non-DIM	N/A	SELV	220-240	31.5-42	30-42	1050	89	<5	Yes	Yes	0.95	<15	119x37x27.5	-20...+40	75	35K ⁽¹⁾ /50K ⁽²⁾	IP20	No	II	Integrated	N/A	100	CE,UKCA,BNEN,CQC,RoHS,KC
	NEW! EM 50/220-240/1A2 II	4055462434388	Non-DIM	N/A	SELV	220-240	36-48	30-40	1200	90	<5	Yes	Yes	0.95	<15	119x37x27.5	-20...+40	75	35K ⁽¹⁾ /50K ⁽²⁾	IP20	No	II	Integrated	N/A	100	CE,UKCA,BNEN,CQC,RoHS,KC
IT FIT Track SELV_4wires-1circuit Dip Switch	NEW! IT FIT 30/220-240/700 CS T-B	4062172379847	Non-DIM	N/A	SELV	220-240	6.75-29.4	27-42	250/350/400/450/500/550/600/700	90%	<3	Yes	Yes	>0.98	<10	158x31x42.2	-20...+35	70	50K ⁽¹⁾	IP20	No	N/A	N/A	Dip switch	20	CE,UKCA,BNEN,CQC,RoHS,BIS,KC
	NEW! IT FIT 30/220-240/700 CS T-G	4062172379861	Non-DIM	N/A	SELV	220-240	6.75-29.4	27-42	250/350/400/450/500/550/600/700	90%	<3	Yes	Yes	>0.98	<10	158x31x42.2	-20...+35	70	50K ⁽¹⁾	IP20	No	N/A	N/A	Dip switch	20	CE,UKCA,BNEN,CQC,RoHS,BIS,KC
	NEW! IT FIT 30/220-240/700 CS T-W	4062172379885	Non-DIM	N/A	SELV	220-240	6.75-29.4	27-42	250/350/400/450/500/550/600/700	90%	<3	Yes	Yes	>0.98	<10	158x31x42.2	-20...+35	70	50K ⁽¹⁾	IP20	No	N/A	N/A	Dip switch	20	CE,UKCA,BNEN,CQC,RoHS,BIS,KC
	NEW! IT FIT 40/220-240/1A0 CS T-B	4062172379908	Non-DIM	N/A	SELV	220-240	18.9-44.1	27-42	700/750/800/850/900/950/1000/1050	90%	<3	Yes	Yes	>0.98	<10	158x31x42.2	-20...+35	80	50K ⁽¹⁾	IP20	No	N/A	N/A	Dip switch	20	CE,UKCA,BNEN,CQC,RoHS,BIS,KC
	NEW! IT FIT 40/220-240/1A0 CS T-G	4062172379922	Non-DIM	N/A	SELV	220-240	18.9-44.1	27-42	700/750/800/850/900/950/1000/1050	90%	<3	Yes	Yes	>0.98	<10	158x31x42.2	-20...+35	80	50K ⁽¹⁾	IP20	No	N/A	N/A	Dip switch	20	CE,UKCA,BNEN,CQC,RoHS,BIS,KC
ELEMENT Track SELV 3wires-1circuit	NEW! IT FIT 40/220-240/1A0 CS T-W	4062172379946	Non-DIM	N/A	SELV	220-240	18.9-44.1	27-42	700/750/800/850/900/950/1000/1050	90%	<3	Yes	Yes	>0.98	<10	158x31x42.2	-20...+35	80	50K ⁽¹⁾	IP20	No	N/A	N/A	Dip switch	20	CE,UKCA,BNEN,CQC,RoHS,BIS,KC
	ELEMENT 15/220-240/350 CS T S B	4062172277556	Non-DIM	N/A	SELV	220-240	7.5-14.7	30-42	250/350	85	≤3	Yes	Yes	0.95	<20%	130.6x34x38.3	-20...+35	70	30K ⁽¹⁾	IP20	No	II	N/A	Dip switch	40	CQC,BIS
	ELEMENT 15/220-240/350 CS T S W	4062172277655	Non-DIM	N/A	SELV	220-240	7.5-14.7	30-42	250/350	85	≤3	Yes	Yes	0.95	<20%	130.6x34x38.3	-20...+35	70	30K ⁽¹⁾	IP20	No	II	N/A	Dip switch	40	CQC,BIS
	ELEMENT 25/220-240/600 CS T S B	4062172277570	Non-DIM	N/A	SELV	220-240	15-25.2	30-42	500/600	86	≤3	Yes	Yes	0.95	<20%	130.6x34x38.3	-20...+35	70	30K ⁽¹⁾	IP20	No	II	N/A	Dip switch	40	CQC,BIS
	ELEMENT 25/220-240/600 CS T S W	4062172277679	Non-DIM	N/A	SELV	220-240	15-25.2	30-42	500/600	86	≤3	Yes	Yes	0.95	<20%	130.6x34x38.3	-20...+35	70	30K ⁽¹⁾	IP20	No	II	N/A	Dip switch	40	CQC,BIS
	ELEMENT 30/220-240/750 CS T S B	4062172277594	Non-DIM	N/A	SELV	220-240	21-31.5	30-42	700/750	87	≤3	Yes	Yes	0.95	<20%	130.6x34x38.3	-20...+35	75	30K ⁽¹⁾	IP20	No	II	N/A	Dip switch	40	CQC,BIS
	ELEMENT 30/220-240/750 CS T S W	4062172277693	Non-DIM	N/A	SELV	220-240	21-31.5	30-42	700/750	87	≤3	Yes	Yes	0.95	<20%	130.6x34x38.3	-20...+35	75	30K ⁽¹⁾	IP20	No	II	N/A	Dip switch	40	CQC,BIS
	ELEMENT 36/220-240/850 CS T S B	4062172277617	Non-DIM	N/A	SELV	220-240	24-35.7	30-42	800/850	87	≤3	Yes	Yes	0.95	<20%	130.6x34x38.3	-20...+35	75	30K ⁽¹⁾	IP20	No	II	N/A	Dip switch	40	CQC,BIS
	ELEMENT 36/220-240/850 CS T S W	4062172277716	Non-DIM	N/A	SELV	220-240	24-35.7	30-42	800/850	87	≤3	Yes	Yes	0.95	<20%	130.6x34x38.3	-20...+35	75	30K ⁽¹⁾	IP20	No	II	N/A	Dip switch	40	CQC,BIS
	ELEMENT 40/220-240/1A0 CS T S B	4062172277631	Non-DIM	N/A	SELV	220-240	27-44.1	30-42	900/1050	88	≤3	Yes	Yes	0.95	<20%	130.6x34x38.3	-20...+35	75	30K ⁽¹⁾	IP20	No	II	N/A	Dip switch	40	CQC,BIS
Cable Clamp	ELEMENT 40/220-240/1A0 CS T S W	4062172277747	Non-DIM	N/A	SELV	220-240	27-44.1	30-42	900/1050	88	≤3	Yes	Yes	0.95	<20%	130.6x34x38.3	-20...+35	75	30K ⁽¹⁾	IP20	No	II	N/A	Dip switch	40	CQC,BIS
	OT CABLE CLAMP N – STYLE	4062172046732																								
	OT CABLE CLAMP F – STYLE	4052899325555																								
	OT CABLE CLAMP B – STYLE	4052899077881																								
	OT CABLE CLAMP B – STYLE TL	4052899948051																								
	OT CABLE CLAMP B – STYLE LP TL	4052899530997																								
	OT CABLE CLAMP A – STYLE	4052899089570																								
	OT CABLE CLAMP A – STYLE TL	4052899325982																								
	OT CABLE CLAMP D – STYLE	4052899077904																								
	OT CABLE CLAMP D-STYLE DA TL	4062172349208																								
Track Accessories	OT CABLE CLAMP D-STYLE TL	4062172349185																								
	OT CABLE CLAMP E – STYLE	4052899167896																								
	TRACK JOINT	4062172228183																								
	BLACK RING (RAL9011)	4062172138567																								
	WHITE RING (RAL9010)	4062172138550																								
	GREY RING (RAL7040)	4062172138543																								

备注：
(1) 运行在最高Tc温度下的产品寿命，最大失效率为10%
(2) 运行的Tc温度比最高Tc温度低10°C下的产品寿命，最大失效率为10%
★ 认证准备中

Remark:
(1) At Tc max. temperature, max. failure rate of 10 %
(2) Operating at 10 °C lower than Tc, max. failure rate of 10 %
★ In preparation



授权合作伙伴:

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OSRAM Constant Voltage LED Drivers 欧司朗恒压LED驱动电源

05/2024

OSRAM

CHN/版本号/2024/05 本手册仅作市场宣传, 如有更改, 恕不另行通知。具体参数及规格, 请以产品说明书为准。

OSRAM Constant Voltage LED Drivers 欧司朗恒压LED驱动电源



Product Family 产品系列	Product Name 产品名称	EAN10 订货号	Dimming method 调光方式	Output Power 输出功率 [W]	Input Voltage 输入电压 [V]	Output Voltage 输出电压 [V]	Max Efficiency 最大效率 [%]	Voltage Ripple 纹波电流 [%]	Surge Protection 浪涌保护 [KV]	Power Factor 功率因数	THD 总谐波	Dimmable Range 调光范围	Dimensions 外形尺寸 (LxWxH) [mm]	Ambient temperature range 工作环境温度[°C]	Max Tc 最高温度 [°C]	Lifetime 产品寿命 [h]	IP Rating IP防护等级	Suitable Luminaire Protection Class 适用灯具防护等级	Input&Output Connection Type 输入&输出连接方式	Programmer Tool 编程工具	Standard pack 标准包装 [pcs.]	Certificates & Approbations 认证	
Connected (Wireless)	OTI BLE 24V CASAMBI	NEW! OT Wi 50/220-240/24 4CH	CASAMBI	50	220-240	24.2	92	<1	1/2	0.82-0.99	<5	0.4-100%	346x32x22	-20...+45	70	50K/100K	IP20	I / II	Screw terminal	/	20	CE,ENEC,ROM,CCC,BIS,KC	
		NEW! OT Wi 80/220-240/24 4CH	CASAMBI	80	220-240	24.2	93	<1	1/2	0.95-0.99	<5	0.4-100%	346x32x22	-20...+45	85	50K/100K	IP20	I / II	Screw terminal	/	20	CE,ENEC,ROM,CCC,BIS,KC	
		NEW! OT Wi 160/220-240/24 2CH	CASAMBI	160	220-240	24.2	93	<1	1/2	>0.98	<5	0.4-100%	300x50x35	-20...+45	90	50K/100K	IP20	I / II	Screw terminal	/	20	CE,ENEC,ROM,CCC,BIS,KC	
Connected (DALI)	OTI DALI 24V 4CH DT8	OTI DALI 50/220-240/24 4CH DT6/8	DALI-2	50	220-240	24.2	92	<1	1/2	0.95	<5	0.1-100%	346x32x22	-20...+45	70	50K/100K	IP20	I / II	Screw terminal	DALI MAGIC	20	CE,ENEC,ROM,CCC,BIS,KC	
		OTI DALI 80/220-240/24 4CH DT6/8	DALI-2	80	220-240	24.2	93	<1	1/2	0.95	<5	0.1-100%	346x32x22	-20...+45	85	50K/100K	IP20	I / II	Screw terminal	DALI MAGIC	20	CE,ENEC,ROM,CCC,BIS,KC	
		OTI DALI 160/220-240/24 2CH DT6/8	DALI-2	160	220-240	24.2	93	<1	1/2	0.99	<5	0.1-100%	300x50x35	-20...+45	90	50K/100K	IP20	I / II	Screw terminal	DALI MAGIC	20	CE,ENEC,ROM,CCC,BIS,KC	
	OTI DALI 24V	OTI DALI 30/220-240/24 1CH	4062172329767	DALI-2	30	220-240	24.2	88	<1	1/2	0.95	<10	1-100%	103x67x30	-20...+50	80	50K/100K	IP20	I / II	Push in	DALI MAGIC	30	CE,ENEC,ROM,CCC,BIS,KC
		OTI DALI 50/220-240/24 1CH	4062172274340	DALI-2	50	220-240	24.2	92	<1	1/2	0.95	<5	0.1-100%	346x32x22	-20...+45	70	50K/100K	IP20	I / II	Screw terminal	DALI MAGIC	20	CE,ENEC,ROM,CCC,BIS,KC
		OTI DALI 80/220-240/24 1CH	4062172274364	DALI-2	80	220-240	24.2	93	<1	1/2	0.95	<5	0.1-100%	346x32x22	-20...+45	85	50K/100K	IP20	I / II	Screw terminal	DALI MAGIC	20	CE,ENEC,ROM,CCC,BIS,KC
		OTI DALI 160/220-240/24 1CH	4062172274388	DALI-2	160	220-240	24.2	93	<1	1/2	0.99	<5	0.1-100%	300x50x35	-20...+45	90	50K/100K	IP20	I / II	Screw terminal	DALI MAGIC	20	CE,ENEC,ROM,CCC,BIS,KC
	Simple DIM (Phase Cut)	OT FIT PC 24V	OT FIT 36/220-240/24 PC	Phase Cut	36	220-240	24.2	85	<5	1/2	0.45C-0.98	<15	3-100%	103x67x29.5	-20...+50	80	50K/100K	IP20	I / II	Push in	/	20	CE,ENEC,ROM,CCC,BIS,KC
			OT FIT 75/220-240/24 PC	Phase Cut	000075	220-240	24.2	92	<5	1/2	>0.95	<15	3-100%	110x75x30	-20...+45	80	50K/100K	IP20	I / II	Push in	/	20	CE,ENEC,ROM,CCC,BIS,KC
			OT FIT 150/220-240/24 PC	Phase Cut	150	220-240	24.2	92	<5	1/2	>0.95	<15	3-100%	170x76x30	-20...+45	80	50K/100K	IP20	I / II	Push in	/	10	CE,ENEC,ROM,CCC,BIS,KC
Non Dim (ON OFF)	OTI SLIM 24V	OT SLIM 30/220-240/24	Non-DIM	30	20-240	24	86	<5	1/2	0.95	<5	NA	270x30x17.5	-20...+45	86	50K/100K	IP20	I / II	Screw terminal	/	50	CE,ENEC,ROM,CCC,BIS,KC	
		OT SLIM 60/220-240/24	Non-DIM	60	220-240	24	88	<5	1/2	0.95	<5	NA	338x30x17.5	-20...+45	90	50K/100K	IP20	I / II	Screw terminal	/	30	CE,ENEC,ROM,CCC,BIS,KC	
		OT SLIM 100/220-240/24	Non-DIM	100	220-240	24	91	<5	1/2	0.95	<5	NA	374x30x18.5	-20...+45	91	50K/100K	IP20	I / II	Screw terminal	/	30	CE,ENEC,ROM,CCC,BIS,KC	
		OT SLIM 160/220-240/24	Non-DIM	160	220-240	24	92	<5	1/2	0.95	<5	NA	404x30x21.5	-20...+45	92	50K/100K	IP20	I / II	Screw terminal	/	30	CE,ENEC,ROM,CCC,BIS,KC	
		OT SLIM 250/220-240/24	Non-DIM	250	220-240	24	92	<5	1/2	0.95	<8	NA	343x60x31.5	-20...+45	92	50K/100K	IP20	I / II	Screw terminal	/	10	CE,ENEC,ROM,CCC,BIS,KC	
	IT FIT 24V	IT FIT 30/220-240 /24	Non-DIM	30	220-240	24	86	<5	1/2	0.95	<5	NA	170x40x30	-20...+50	80	50K/100K	IP20	I / II	Screw terminal	/	50	CE,ENEC,ROM,CCC,BIS,KC	
		IT FIT 60/220-240 /24	Non-DIM	60	220-240	24	88	<5	1/2	0.95	<5	NA	224x40x30	-20...+50	85	50K/100K	IP20	I / II	Screw terminal	/	30	CE,ENEC,ROM,CCC,BIS,KC	
		IT FIT 120/220-240 /24	Non-DIM	100	220-240	24	89	<5	1/2	0.95	<5	NA	284x40x30	-20...+50	90	50K/100K	IP20	I / II	Screw terminal	/	30	CE,ENEC,ROM,CCC,BIS,KC	
		IT FIT 180/220-240 /24	Non-DIM	180	220-240	24	91	<5	1/2	0.95	<5	NA	324x40x30	-20...+50	90	50K/100K	IP20	I / II	Screw terminal	/	20	CE,ENEC,ROM,CCC,BIS,KC	
		IT FIT 250/220-240 /24	Non-DIM	250	220-240	24	92	<5	1/2	0.95	<5	NA	375x50x35	-20...+50	90	50K/100K	IP20	I / II	Screw terminal	/	10	CE,ENEC,ROM,CCC,BIS,KC	
	ELEMENT 24V G2	ELEMENT 30/220...240/24 G2	4052899605503	Non-DIM	30	220-240	24	86	<5	1/2	0.95	<15	NA	145x40x26.5	-20...+50	75	30K/50K	IP20	I / II	Screw terminal	/	40	CE,ENEC,ROM,CCC,BIS,KC
		ELEMENT 60/220...240/24 G2	4052899605527	Non-DIM	60	220-240	24	88	<5	1/2	0.95	<15	NA	200x40x31	-20...+50	85	30K/50K	IP20	I / II	Screw terminal	/	30	CE,ENEC,ROM,CCC,BIS,KC
		ELEMENT 120/22...240/24 G2	4052899605541	Non-DIM	120	220-240	24	89	<5	1/2	0.95	<15	NA	260x40x31	-20...+50	90	30K/50K	IP20	I / II	Screw terminal	/	20	CE,ENEC,ROM,CCC,BIS,KC
		ELEMENT 180/220...240/24 G2	4052899605565	Non-DIM	180	220-240	24	91	<5	1/2	0.95	<15	NA	300x40x31	-20...+50	90	30K/50K	IP20	I / II	Screw terminal	/	20	CE,ENEC,ROM,CCC,BIS,KC
		ELEMENT 250/220-240/24 G2	4062172333467	Non-DIM	250	220-240	24	92	<3	1/2	0.95	<15	NA	375x50x35	-20...+50	90	30K/50K	IP20	I / II	Screw terminal	/	10	CE,ENEC,ROM,CCC,BIS,KC
	ELEMENT 12V G2	ELEMENT 30/220-240/12 G2	4062172277846	Non-DIM	30	220-240	12	86	<3	1/2	0.95	<15	NA	145x40x26.5	-20...+50	80	30K/50K	IP20	I / II	Screw terminal	/	40	CE,ENEC,ROM,CCC,BIS,KC
		ELEMENT 60/220-240/12 G2	4062172277860	Non-DIM	60	220-240	12	88	<3	1/2	0.95	<15	NA	200x40x31	-20...+50	85	30K/50K	IP20	I / II	Screw terminal	/	30	CE,ENEC,ROM,CCC,BIS,KC
		ELEMENT 120/220-240/12 G2	4062172277884	Non-DIM	120	220-240	12	89	<3	1/2	0.95	<15	NA	260x40x31	-20...+50	90	30K/50K	IP20	I / II	Screw terminal	/	20	CE,ENEC,ROM,CCC,BIS,KC
		ELEMENT 180/220-240/12 G2	4062172277907	Non-DIM	180	220-240	12	91	<3	1/2	0.95	<15	NA	300x40x31	-20...+50	90	30K/50K	IP20	I / II	Screw terminal	/	20	CE,ENEC,ROM,CCC,BIS,KC
Connected (DALI) (Outdoor)	OTI DALI 24V P 1-4CH	OTI DALI 100/220-240/24 1-4CH P	DALI-2	100	220-240	24	93	<5	6/8	0.95	<5	0.1-100%	237x69x37	-30...+60	80	50K/100K	IP66&IP67	I / II	Lead wire	DALI MAGIC	6	CE,ENEC,ROM	
		OTI DALI 210/220-240/24 1-4 CH P	DALI-2	210	220-240	24	93	<5	6/8	0.95	<5	0.1-100%	330x69x37	-30...+60	85	50K/100K	IP66&IP67	I / II	Lead wire	DALI MAGIC	6	CE,ENEC,ROM	
Simple Dim (1 - 10V) (Outdoor)	OT DIM 24V P	OT 20/220-240/24 DIM P	1-10V	20	220-240	24	83	<10	4/6	0.95	<15	178x43x25	-30...+55	85	50K/100K	IP66	I/II	Lead wire		20	CE,ENEC,ROM,CCC,BIS,KC		
		OT 40/220-240/24 DIM P	1-10V	40	220-240	24	85	<10	4/6	0.95	<15	208x43x26	-30...+55	90	50K/100K	IP66	I/II	Lead wire		20	CE,ENEC,ROM,CCC,BIS,KC		
		OT 60/220-240/24 DIM P	1-10V	60	220-240	24	87	<10	4/6	0.95	<15	208x43x26	-30...+50	90	50K/100K	IP66	I/II	Lead wire		20	CE,ENEC,ROM,CCC,BIS,KC		
		OT 100/220-240/24 DIM P	1-10V	106	220-240	24	90	<1.5	4/6	0.95	<15	240x50x34	-30...+55	80	50K/100K	IP67	I/II	Lead wire		20	CE,ENEC,ROM,CCC,BIS,KC		
		OT 130/220-240/24 DIM P	1-10V	140	220-240	24	91	<1.5	4/6	0.95	<15	220x63x37	-30...+55	80	50K/100K	IP67	I/II	Lead wire		20	CE,ENEC,ROM,CCC,BIS,KC		
		OT 250/220-240/24 DIM P	1-10V	250	220-240	24	92	<1.5	4/6	0.95	<15	265x68x39.5	-30...+55	85	50K/100K	IP67	I/II	Lead wire		20	CE,ENEC,ROM,CCC,BIS,KC		
Simple Dim (PWM) (Outdoor)	OT DIM 24V P (PSE)	OT 30/100-242/24 DIM P G3	PWM DIM	30	100-242	24	86	<2	4/6	0.95	<10	195x51x33											

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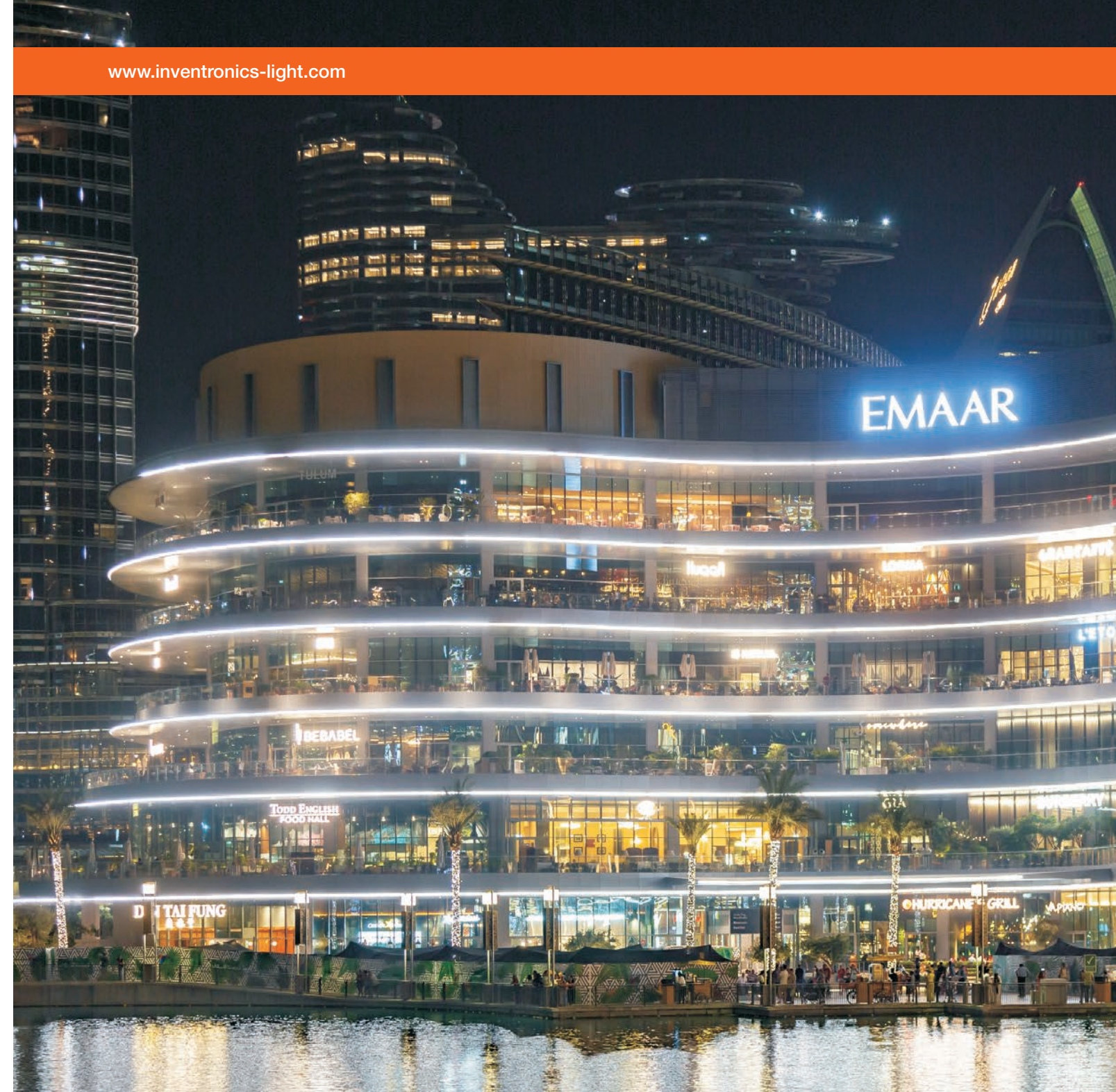
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OSRAM Constant Voltage Flex Portfolio 欧司朗恒压灯带产品

05/2024

OSRAM

OSRAM Constant Voltage Flex Portfolio 欧司朗恒压灯带产品

Flexible Solution:LED Strips for Individualized Applications

产品分类	Product Name 产品名称	EAN 订货号	Nomina Voltage 额定电压 [V]	Nominal wattage per meter 额定功率/米 [W]	Luminous Efficacy 光效 [lm/W]	Luminous Flux Per Meter 光通量/米 [lm]	Color Rendering Index 显色指数 Ra	Color Temperature 色温 [K]	SDCM 色容差	Number of LEDs Per Meter LED颗数/米	Length (smallest unit) 最小剪切单元 [mm]	Lowest Bending Radius 最小弯曲半径 [mm]	Ta 工作环境温度 [°C]	Length 长度 [mm]	Width 宽度 [mm]	Height 高度 [mm]	Type of Protection 保护等级	Lifetime 寿命
LINEARlight Flex (IPOO)	LF500I-G1-824-48-18 L1	4062172380751	48	4	140	560	80	2400	≤3	80	100	30	-30...+55	18000	8	16	IPOO	>60000hrs@L90B10
	LF500I-G1-827-48-18 L1	4062172380775	48	4	146.3	585	80	2700	≤3	80	100	30	-30...+55	18000	8	16	IPOO	>60000hrs@L90B10
	LF500I-G1-830-48-18 L1	4062172380799	48	4	157.5	630	80	3000	≤3	80	100	30	-30...+55	18000	8	16	IPOO	>60000hrs@L90B10
	LF500I-G1-840-48-18 L1	4062172380812	48	4	162.5	650	80	4000	≤3	80	100	30	-30...+55	18000	8	16	IPOO	>60000hrs@L90B10
	LF500I-G1-924-48-18 L1	4062172380836	48	4	116.3	465	90	2400	≤3	80	100	30	-30...+55	18000	8	16	IPOO	>60000hrs@L90B10
	LF500I-G1-927-48-18 L1	4062172380850	48	4	120	480	90	2700	≤3	80	100	30	-30...+55	18000	8	16	IPOO	>60000hrs@L90B10
	LF500I-G1-930-48-18 L1	4062172380874	48	4	128.8	515	90	3000	≤3	80	100	30	-30...+55	18000	8	16	IPOO	>60000hrs@L90B10
	LF500I-G1-940-48-18 L1	4062172380898	48	4	135	540	90	4000	≤3	80	100	30	-30...+55	18000	8	16	IPOO	>60000hrs@L90B10
	LF1500I-G1-824-48-12 L1	4062172380911	48	4	141.7	1360	80	2400	≤3	80	100	30	-30...+55	12000	8	16	IPOO	>60000hrs@L90B10
	LF1500I-G1-827-48-12 L1	4062172380935	48	4	146.9	1410	80	2700	≤3	80	100	30	-30...+55	12000	8	16	IPOO	>60000hrs@L90B10
	LF1500I-G1-830-48-12 L1	4062172380959	48	4	158.3	1520	80	3000	≤3	80	100	30	-30...+55	12000	8	16	IPOO	>60000hrs@L90B10
	LF1500I-G1-840-48-12 L1	4062172380973	48	4	164.6	1580	80	4000	≤3	80	100	30	-30...+55	12000	8	16	IPOO	>60000hrs@L90B10
	LF1500I-G1-924-48-12 L1	4062172380997	48	4	117.7	1130	90	2400	≤3	80	100	30	-30...+55	12000	8	16	IPOO	>60000hrs@L90B10
	LF1500I-G1-927-48-12 L1	4062172381017	48	4	121.9	1170	90	2700	≤3	80	100	30	-30...+55	12000	8	16	IPOO	>60000hrs@L90B10
	LF1500I-G1-930-48-12 L1	4062172381031	48	4	130.2	1250	90	3000	≤3	80	100	30	-30...+55	12000	8	16	IPOO	>60000hrs@L90B10
	LF1500I-G1-940-48-12 L1	4062172381055	48	4	136.5	1310	90	4000	≤3	80	100	30	-30...+55	12000	8	16	IPOO	>60000hrs@L90B10
	LF3000I-G1-824-48-06 L1	4062172381079	48	4	139.6	2680	80	2400	≤3	80	100	30	-30...+55	6000	8	16	IPOO	>60000hrs@L90B10
	LF3000I-G1-827-48-06 L1	4062172381093	48	4	144.8	2780	80	2700	≤3	80	100	30	-30...+55	6000	8	16	IPOO	>60000hrs@L90B10
	LF3000I-G1-830-48-06 L1	4062172381116	48	4	156.3	3000	80	3000	≤3	80	100	30	-30...+55	6000	8	16	IPOO	>60000hrs@L90B10
	LF3000I-G1-840-48-06 L1	4062172381130	48	4	161.5	3100	80	4000	≤3	80	100	30	-30...+55	6000	8	16	IPOO	>60000hrs@L90B10
	LF3000I-G1-924-48-06 L1	4062172381154	48	4	116.1	2230	90	2400	≤3	80	100	30	-30...+55	6000	8	16	IPOO	>60000hrs@L90B10
	LF3000I-G1-927-48-06 L1	4062172381178	48	4	120.3	2310	90	2700	≤3	80	100	30	-30...+55	6000	8	16	IPOO	>60000hrs@L90B10
	LF3000I-G1-930-48-06 L1	4062172381192	48	4	128.6	2470	90	3000	≤3	80	100	30	-30...+55	6000	8	16	IPOO	>60000hrs@L90B10
	LF3000I-G1-940-48-06 L1	4062172381215	48	4	134.9	2590	90	4000	≤3	80	100	30	-30...+55	6000	8	16	IPOO	>60000hrs@L90B10
	LF4000I-G1-824-48-06 L1	4062172382717	48	4	138	3560	80	2400	≤3	80	100	30	-30...+55	6000	8	16	IPOO	>60000hrs@L90B10
	LF4000I-G1-827-48-06 L1	4062172382731	48	4	143.8	3710	80	2700	≤3	80	100	30	-30...+55	6000	8	16	IPOO	>60000hrs@L90B10
	LF4000I-G1-830-48-06 L1	4062172382755	48	4	155	4000	80	3000	≤3	80	100	30	-30...+55	6000	8	16	IPOO	>60000hrs@L90B10
	LF4000I-G1-840-48-06 L1	4062172382779	48	4	158.9	4100	80	4000	≤3	80	100	30	-30...+55	6000	8	16	IPOO	>60000hrs@L90B10
	LF4000I-G1-924-48-06 L1	4062172382793	48	4	114.3	2950	90	2400	≤3	80	100	30	-30...+55	6000	8	16	IPOO	>60000hrs@L90B10
	LF4000I-G1-927-48-06 L1	4062172382816	48	4	117.1	3020	90	2700	≤3	80	100	30	-30...+55	6000	8	16	IPOO	>60000hrs@L90B10
	LF4000I-G1-930-48-06 L1	4062172382830	48	4	125.2	325	90	3000	≤3	80	100	30	-30...+55	6000	8	16	IPOO	>60000hrs@L90B10
	LF4000I-G1-940-48-06 L1	4062172382854	48	4	133.7	3450	90	4000	≤3	80	100	30	-30...+55	6000	8	16	IPOO	>60000hrs@L90B10
	LF500I-G1-824-24-09 L1 FS1	4062172370929	24	4	141.3	565	80	2400	≤3	80	50	20	-30...+55	9000	8	16	IPOO	>60000hrs@L90B10
	LF500I-G1-827-24-09 L1 FS1	4062172370943	24	4	147.5	590	80	2700	≤3	80	50	20	-30...+55	9000	8	16	IPOO	>60000hrs@L90B10
	LF500I-G1-830-24-09 L1 FS1	4062172370967	24	4	157.5	630	80	3000	≤3	80	50	20	-30...+55	9000	8	16	IPOO	>60000hrs@L90B10
	LF500I-G1-840-24-09 L1 FS1	4062172370981	24	4	163.8	655	80	4000	≤3	80	50	20	-30...+55	9000	8	16	IPOO	>60000hrs@L90B10
	LF500I-G1-924-24-09 L1 FS1	4062172371001	24	4	116.3	465	90	2400	≤3	80	50	20	-30...+55	9000	8	16	IPOO	>60000hrs@L90B10
	LF500I-G1-927-24-09 L1 FS1	4062172371025	24	4	122.5	490	90	2700	≤3	80	50	20	-30...+55	9000	8	16	IPOO	>60000hrs@L90B10
	LF500I-G1-930-24-09 L1 FS1	4062172371049	24	4	130	520	90	3000	≤3	80	50	20	-30...+55	9000	8	16	IPOO	>60000hrs@L90B10
	LF500I-G1-940-24-09 L1 FS1	4062172371063	24	4	135	540	90	4000	≤3	80	50	20	-30...+55	9000	8	16	IPOO	>60000hrs@L90B10
	LF1500I-G1-824-24-06 L1 FS1	4062172371087	24	9.4	142.6	1340	80	2400	≤3	80	50	20	-30...+55	6000	8	16	IPOO	>60000hrs@L90B10
	LF1500I-G1-827-24-06 L1 FS1	4062172371100	24	9.4	148.9	1400	80	2700	≤3	80	50	20	-30...+55	6000	8	16	IPOO	>60000hrs@L90B10
	LF1500I-G1-830-24-06 L1 FS1	4062172371124	24	9.4	159.6	1500	80	3000	≤3	80	50	20	-30...+55	6000	8	16	IPOO	>60000hrs@L90B10
	LF1500I-G1-840-24-06 L1 FS1	4062172371148	24	9.4	167	1570	80	4000	≤3	80	50	20	-30...+55	6000	8	16	IPOO	>60000hrs@L90B10
	LF1500I-G1-924-24-06 L1 FS1	4062172371162	24	9.4	118.1	1110	90	2400	≤3	80	50	20	-30...+55	6000	8	16	IPOO	>60000hrs@L90B10
	LF1500I-G1-927-24-06 L1 FS1	4062172371186	24	9.4	123.4	1160	90	2700	≤3	80	50	20	-30...+55	6000	8	16	IPOO	>60000hrs@L90B10
	LF1500I-G1-930-24-06 L1 FS1	4062172371209	24	9.4	130.9	1230	90	3000	≤3	80	50	20	-30...+55	6000	8	16	IPOO	>60000hrs@L90B10
	LF1500I-G1-940-24-06 L1 FS1	4062172371223	24	9.4	138.3	1300	90	4000	≤3	80	50	20	-30...+55	6000	8	16	IPOO	>60000hrs@L90B10
LF3000I-G1-824-24-03 L1 FS1	4062172371247	24	19.2	140.6	2700	80	2400	≤3	80	50	20	-30...+55	3000	8	16	IPOO	>60000hrs@L90B10	
LF3000I-G1-827-24-03 L1 FS1	4062172371261	24	19.2	146.4	2810	80	2700	≤3	80	50	20	-30...+55	3000	8	16	IPOO	>60000hrs@L90B10	
LF3000I-G1-830-24-03 L1 FS1	4062172371285	24	19.2	157.3	3020	80	3000	≤3	80	50	20	-30...+55	3000	8	16	IPOO	>60000hrs@L90B10	
LF3000I-G1-840-24-03 L1 FS1	4062172371308	24	19.2	162.5	3120	80	4000	≤3	80	50	20	-30...+55	3000	8	16	IPOO	>60000hrs@L90B10	
LF3000I-G1-924-24-03 L1 FS1	4062172371322	24	19.2	115.6	2220	90	2400	≤3	80	50	20	-30...+55	3000	8	16	IPOO	>60000hrs@L90B10	
LF3000I-G1-927-24-03 L1 FS1	4062172371360	24	19.2	120.3	2310	90	2700	≤3	80	50	20	-30...+55	3000	8	16	IPOO	>60000hrs@L90B10	
LF3000I-G1-930-24-03 L1 FS1	4062172371384	24	19.2	128.6	2470	90	3000	≤3	80	50	20	-30...+55	3000	8	16	IPOO	>60000hrs@L90B10	
LF3000I-G1-940-24-03 L1 FS1	4062172371407	24	19.2	135.4	2600	90	4											

OSRAM Constant Voltage Flex Portfolio 欧司朗恒压灯带产品

Flexible Solution:LED Strips for Individualized Applications

Class 产品分类	Product Name 产品名称	EAN 订货号	Nomina Voltage 额定电压 [V]	Nominal wattage per meter 额定功率/米 [W]	Luminous Efficacy 光效 [lm/W]	Luminous Flux Per Meter 光通量/米 [lm]	Color Rendering Index 显色指数 Ra	Color Temperature 色温 [K]	SDCM 色容差	Number of LEDs Per Meter LED颗数/米	Length (smallest unit) 最小剪切单元 [mm]	Lowest Bending Radius 最小弯曲半径 [mm]	Ta 工作环境温度 [°C]	Length 长度 [mm]	Width 宽度 [mm]	Height 高度 [mm]	Type of Protection 保护等级	Lifetime 寿命
LINEARlight Flex Protect Uniformity	LFP1200S-G5-927R-05 L1	4062172304139	24	14	89	1200	95	2700	≤3	140	50	50	-30...+50	5000	11.1	4.5	IP68	>60000hrs@ L90B10
	LFP1200S-G5-930-10 L1	4062172304016	24	11.6	103	1100	90	3000	≤3	140	50	50	-30...+50	10000	11.1	4.5	IP68	>60000hrs@ L90B10
	LFP1200S-G5-930R-05 L1	4062172304153	24	12	100	1240	95	3000	≤3	140	50	50	-30...+50	5000	11.1	4.5	IP68	>60000hrs@ L90B10
	LFP1200S-G5-940-10 L1	4062172304054	24	10.9	110	1200	90	4000	≤3	140	50	50	-30...+50	10000	11.1	4.5	IP68	>60000hrs@ L90B10
	LFP1200S-G5-940R-05 L1	4062172304191	24	10.6	113	1200	95	4000	≤3	140	50	50	-30...+50	5000	11.1	4.5	IP68	>60000hrs@ L90B10
	LFP2000S-G5-825-05 L1	4062172304214	24	19.6	107	2100	80	2500	≤3	140	50	50	-30...+50	5000	11.1	4.5	IP68	>60000hrs@ L90B10
	LFP2000S-G5-925R-05 L1	4062172304511	24	21	88	1850	95	2700	≤3	140	50	50	-30...+50	5000	11.1	4.5	IP68	>60000hrs@ L90B10
	LFP2000S-G5-827-05 L1	4062172304238	24	18.1	113	2050	80	2700	≤3	140	50	50	-30...+50	5000	11.1	4.5	IP68	>60000hrs@ L90B10
	LFP2000S-G5-830-05 L1	4062172304252	24	17.3	118	2050	80	3000	≤3	140	50	50	-30...+50	5000	11.1	4.5	IP68	>60000hrs@ L90B10
	LFP2000S-G5-840-05 L1	4062172304290	24	15.2	132	2000	80	4000	≤3	140	50	50	-30...+50	5000	11.1	4.5	IP68	>60000hrs@ L90B10
	LFP2000S-G5-927-05 L1	4062172304375	24	21	90	1900	90	2700	≤3	140	50	50	-30...+50	5000	11.1	4.5	IP68	>60000hrs@ L90B10
	LFP2000S-G5-930-05 L1	4062172304399	24	19.6	102	2000	90	3000	≤3	140	50	50	-30...+50	5000	11.1	4.5	IP68	>60000hrs@ L90B10
	LFP2000S-G5-930R-05 L1	4062172304535	24	19.5	103	2000	95	3000	≤3	140	50	50	-30...+50	5000	11.1	4.5	IP68	>60000hrs@ L90B10
	LFP2000S-G5-935-05 L1	4062172304412	24	18.5	108	2000	90	3500	≤3	140	50	50	-30...+50	5000	11.1	4.5	IP68	>60000hrs@ L90B10
	LFP2000S-G5-940-05 L1	4062172304436	24	18.5	132	2000	90	4000	≤3	140	50	50	-30...+50	5000	11.1	4.5	IP68	>60000hrs@ L90B10
	LFP2000S-G5-940R-05 L1	4062172304573	24	18.1	110	2000	95	4000	≤3	140	50	50	-30...+50	5000	11.1	4.5	IP68	>60000hrs@ L90B10
LINEARlight Flex Tunable White	LF1100TW-G5-925.940-09 L2	4062172189279	24	10.4	111	1156	90	3200	≤3	187	75	20	-20...+50	9000	8	1.4	IP00	>60000hrs@ L90B10
	LF1100TW-G5-922.935-09 L2	4062172189255	24	10.9	102	1111	90	2700	≤3	187	75	20	-20...+50	9000	8	1.4	IP00	>60000hrs@ L90B10
	LF1100TW-G5-927.957-09 L2	4062172189293	24	9.8	118	1156	90	3800	≤3	187	75	20	-20...+50	9000	8	1.4	IP00	>60000hrs@ L90B10
	LF1100TW-G5-927.965-09 L2	4062172263696	24	9.8	118	1156	90	4180	≤3	187	75	20	-20...+50	9000	8	1.4	IP00	>60000hrs@ L90B10
LINEARlight Flex Protect Uniformity	LFP1100TW-G5-825.940-09 L2	4062172196567	24	9.9	117	1156	80	3100	≤3	187	75	50	-30...+50	9000	11.1	4.5	IP67	>60000hrs@ L90B10
	LFP1100TW-G5-927.957-09 L2	4062172196581	24	10.2	111	1134	90	3700	≤3	187	75	50	-30...+50	9000	11.1	4.5	IP67	>60000hrs@ L90B10
	LF3400TW-G5-925.940-03 L1	4062172189330	24	32.4	105	3400	90	3100	≤3	187	75	20	-20...+50	3000	8	1.4	IP00	>60000hrs@ L90B10
	LF3400TW-G5-922.935-03 L1	4062172189316	24	34.7	98	3400	90	2700	≤3	187	75	20	-20...+50	3000	8	1.4	IP00	>60000hrs@ L90B10
LINEARlight Flex Tunable White	LF3400TW-G5-927.957-03 L1	4062172189354	24	30.2	113	3400	90	3800	≤3	187	75	20	-20...+50	3000	8	1.4	IP00	>60000hrs@ L90B10
	LF3400TW-G5-927.965-03 L1	4062172263719	24	30.9	110	3400	90	4130	≤3	187	75	20	-20...+50	3000	8	1.4	IP00	>60000hrs@ L90B10
	LFP3400TW-G5-825.940-03 L1	4062172196604	24	30.9	108	3356	80	3100	≤3	187	75	50	-30...+50	3000	11.1	4.5	IP67	>60000hrs@ L90B10
	LFP3400TW-G5-927.957-03 L1	4062172196628	24	32	105	3356	90	3700	≤3	187	75	50	-30...+50	3000	11.1	4.5	IP67	>60000hrs@ L90B10
LINEARlight Flex Protect Uniformity	LF1300RGBW-G1-922-05 L2	4062172283724	24	19.6	78	1160	90	2200	≤3	120	100	20	-20...+50	5100	10	1.7	IP00	>60000hrs@ L90B10
	LF1300RGBW-G1-927-05 L2	4062172283748	24	18.6	94	1205	90	2700	≤3	120	100	20	-20...+50	5100	10	1.7	IP00	>60000hrs@ L90B10
	LF1300RGBW-G1-930-05 L2	4062172283762	24	18.6	95	1217	90	3000	≤3	120	100	20	-20...+50	5100	10	1.7	IP00	>60000hrs@ L90B10
	LF1300RGBW-G1-940-05 L2	4062172283786	24	18.6	103	1275	90	4000	≤3	120	100	20	-20...+50	5100	10	1.7	IP00	>60000hrs@ L90B10
LINEARlight Flex Colormix	LF1300RGBW-G1-965-05 L2	4062172283809	24	18.6	99	1240	90	6500	≤3	120	100	20	-20...+50	5100	10	1.7	IP00	>60000hrs@ L90B10
	LF600RGB-G5-06 L1	4062172283281	24	16.4	35	575	n.a	n.a	n.a	50	100	20	-20...+50	6000	8	2.2	IP00	>60000hrs@ L90B10
	LFP600RGB-G5-06 L1	4062172283526	24	15.6	37	570	n.a	n.a	n.a	50	100	50	-30...+50	6000	11.1	4.5	IP68	>60000hrs@ L90B10
	TF300-G1-827-05	4062172107020	24	2.8	125.0	350	80	2740	≤3	70	100	20	-25...+50	5000	8	1.5	IP00	>60000hrs@ L70B50
TEC Flex IP00	TF300-G1-830-05	4062172107044	24	2.8	128.6	360	80	3080	≤3	70	100	20	-25...+50	5000	8	1.5	IP00	>60000hrs@ L70B50
	TF300-G1-840-05	4062172107068	24	2.8	132.1	370	80	4070	≤3	70	100	20	-25...+50	5000	8	1.5	IP00	>60000hrs@ L70B50
	TF300-G1-850-05	4062172107082	24	2.8	135.7	380	80	5160	≤3	70	100	20	-25...+50	5000	8	1.5	IP00	>60000hrs@ L70B50
	TF300-G1-865-05	4062172107105	24	2.8	132.1	370	80	6780	≤3	70	100	20	-25...+50	5000	8	1.5	IP00	>60000hrs@ L70B50
	TF1000-G1-827-05	4062172107129	24	9.5	116.8	1110	80	2740	≤3	70	100	20	-25...+50	5000	8	1.5	IP00	>60000hrs@ L70B50
	TF1000-G1-830-05	4062172107143	24	9.5	126.3	1200	80	3080	≤3	70	100	20	-25...+50	5000	8	1.5	IP00	>60000hrs@ L70B50
	TF1000-G1-840-05	4062172107167	24	9.5	127.4	1210	80	4070	≤3	70	100	20	-25...+50	5000	8	1.5	IP00	>60000hrs@ L70B50
	TF1000-G1-850-05	4062172107181	24	9.5	130.5	1240	80	5160	≤3	70	100	20	-25...+50	5000	8	1.5	IP00	>60000hrs@ L70B50
	TF1000-G1-865-05	4062172107204	24	9.5	129.5	1230	80	6780	≤3	70	100	20	-25...+50	5000	8	1.5	IP00	>60000hrs@ L70B50
	TF2000-G1-827-05	4062172107228	24	15.5	118.1	1830	80	2740	≤3	70	100	20	-25...+50	5000	8	1.5	IP00	>60000hrs@ L70B50
	TF2000-G1-830-05	4062172107242	24	15.5	129.0	2000	80	3080	≤3	70	100	20	-25...+50	5000	8	1.5	IP00	>60000hrs@ L70B50
	TF2000-G1-840-05	4062172107266	24	15.5	132.9	2060	80	4070	≤3	70	100	20	-25...+50	5000	8	1.5	IP00	>60000hrs@ L70B50
	TF2000-G1-850-05	4062172107280	24	15.5	136.1	2110	80	5160	≤3	70	100	20	-25...+50	5000	8	1.5	IP00	>60000hrs@ L70B50
	TF2000-G1-865-05	4062172107303	24	15.5	132.9	2060	80	6780	≤3	70	100	20	-25...+50	5000	8	1.5	IP00	>60000hrs@ L70B50
TEC Flex ShortPitch	TF600S-G1-827-05	4062172133821	24	5.5	112.7	620	80	2740	≤3	140	50	20	-20...+50	5000	8	1.5	IP00	>60000hrs@ L70B50
	TF600S-G1-830-05	4062172133883	24	5.5	120	660	80	3080	≤3	140	50	20	-20...+50	5000	8	1.5	IP00	>60000hrs@ L70B50
	TF600S-G1-840-05	4062172133906	24	5.5	121.8	670	80	4070	≤3	140	50	20	-20...+50	5000	8	1.5	IP00	>60000hrs@ L70B50
	TF600S-G1-850-05	4062172133920	24	5.5	125.5	690	80	5160	≤3	140	50	20	-20...+50	5000	8	1.5	IP00	>60000hrs@ L70B50
	TF600S-G1-865-05	4062172133944	24	5.5	123.6	680	80	6780	≤3	140	50	20	-20...+50					

OSRAM Constant Voltage Flex Portfolio 欧司朗恒压灯带产品

Flexible Solution:LED Strips for Individualized Applications

Class 产品分类	Product Name 产品名称	EAN 订货号	Nomina Voltage 额定电压 [V]	Nominal wattage per meter 额定功率/米 [W]	Luminous Efficacy 光效 [lm/W]	Luminous Flux Per Meter 光通量/米 [lm]	Color Rendering Index 显色指数 Ra	Color Temperature 色温 [K]	SDCM 色容差	Number of LEDs Per Meter LED颗数/米	Length (smallest unit) 最小单位单元 [mm]	Lowest Bending Radius 最小弯曲半径 [mm]	Ta 工作环境温度 [°C]	Length 长度 [mm]	Width 宽度 [mm]	Height 高度 [mm]	Type of Protection 保护 等级	Lifetime 寿命
BASIC Flex G3 Shortpitch (IPO0)	BF1000S-G3- 827-05	4062172231459	24	7.6	106.6	980	80	2700	≤3	120	50	50	-20...+55	5000	8	1.1	IP00	>50000hrs@L70B50
	BF1000S-G3- 830-05	4062172231473	24	7.6	111.3	1020	80	3000	≤3	120	50	50	-20...+55	5000	8	1.1	IP00	>50000hrs@L70B50
	BF1000S-G3-840-05	4062172231497	24	7.6	118.4	1050	80	4000	≤3	120	50	50	-20...+55	5000	8	1.1	IP00	>50000hrs@L70B50
	BF1000S-G3-865-05	4062172231510	24	7.6	116.1	1030	80	6500	≤3	120	50	50	-20...+55	5000	8	1.1	IP00	>50000hrs@L70B50
	BF1500S-G3-827-05	4062172231619	24	12.4	105.2	1440	80	2700	≤3	120	50	50	-20...+55	5000	8	1.1	IP00	>50000hrs@L70B50
	BF1500S-G3-830-05	4062172231633	24	12.4	108.9	1510	80	3000	≤3	120	50	50	-20...+55	5000	8	1.1	IP00	>50000hrs@L70B50
	BF1500S-G3-840-05	4062172231657	24	12.4	111	1550	80	4000	≤3	120	50	50	-20...+55	5000	8	1.1	IP00	>50000hrs@L70B50
	BF1500S-G3-865-05	4062172231671	24	12.4	109.7	1530	80	6500	≤3	120	50	50	-20...+55	5000	8	1.1	IP00	>50000hrs@L70B50
BASIC Flex G3 Protect Shortpitch	BFP400S-G3-827-05	4062172231695	24	3.3	107.9	370	80	2700	≤3	150	40	50	-25...+50	5000	10.3	4	IP66	>50000hrs@L70B50
	BFP400S-G3-830-05	4062172231718	24	3.3	112.7	390	80	3000	≤3	150	40	50	-25...+50	5000	10.3	4	IP66	>50000hrs@L70B50
	BFP400S-G3-840-05	4062172231732	24	3.3	118.2	415	80	4000	≤3	150	40	50	-25...+50	5000	10.3	4	IP66	>50000hrs@L70B50
	BFP400S-G3-865-05	4062172231756	24	3.3	115.2	400	80	6500	≤3	150	40	50	-25...+50	5000	10.3	4	IP66	>50000hrs@L70B50
	BFP1000S-G3-827-05	4062172231893	24	7.6	101.6	910	80	2700	≤3	120	50	50	-25...+50	5000	10.3	4	IP66	>50000hrs@L70B50
	BFP1000S-G3-830-05	4062172231916	24	7.6	103.9	950	80	3000	≤3	120	50	50	-25...+50	5000	10.3	4	IP66	>50000hrs@L70B50
	BFP1000S-G3-840-05	4062172231930	24	7.6	110	975	80	4000	≤3	120	50	50	-25...+50	5000	10.3	4	IP66	>50000hrs@L70B50
	BFP1000S-G3-865-05	4062172231954	24	7.6	107.9	960	80	6500	≤3	120	50	50	-25...+50	5000	10.3	4	IP66	>50000hrs@L70B50
	BFP1500S-G3-827-05	4062172232050	24	12.4	97.7	1340	80	2700	≤3	120	50	50	-25...+50	5000	10.3	4	IP66	>50000hrs@L70B50
	BFP1500S-G3-830-05	4062172232074	24	12.4	101.1	1400	80	3000	≤3	120	50	50	-25...+50	5000	10.3	4	IP66	>50000hrs@L70B50
	BFP1500S-G3-840-05	4062172232098	24	12.4	103.2	1440	80	4000	≤3	120	50	50	-25...+50	5000	10.3	4	IP66	>50000hrs@L70B50
	BFP1500S-G3-865-05	4062172232111	24	12.4	101.9	1420	80	6500	≤3	120	50	50	-25...+50	5000	10.3	4	IP66	>50000hrs@L70B50

Dotless Solution:LED Strips for Quality Aesthetic Applications

AFLIGHT Flex Diffuse	LPD400S-G1-830-06	4052899581807	24	7.2	63	450	>80	2845	≤3	140	50	100	-30...+50	6000	14.1	10.8	IP66/IP67	>60000hrs@L90B10
	LPD400S-G1-835-06	4062172001052	24	7.2	63	450	>80	3575	≤3	140	50	100	-30...+50	6000	14.1	10.8	IP66/IP67	>60000hrs@L90B10
	LPD400S-G1-840-06	4052899581821	24	7.2	63	450	>80	4065	≤3	140	50	100	-30...+50	6000	14.1	10.8	IP66/IP67	>60000hrs@L90B10
	LPD400S-G1-865-06	4052899581845	24	7.2	53	380	>80	6900	≤3	140	50	100	-30...+50	6000	14.1	10.8	IP66/IP67	>60000hrs@L90B10
	LPD400S-G1-924-06	4062172025621	24	7.2	47	340	≥90	2305	≤3	140	50	100	-30...+50	6000	14.1	10.8	IP66/IP67	>60000hrs@L90B10
	LPD400S-G1-935-06	4062172025669	24	7.2	54	390	≥90	3595	≤3	140	50	100	-30...+50	6000	14.1	10.8	IP66/IP67	>60000hrs@L90B10
	LPD400S-G1-940-06	4062172025683	24	7.2	54	390	≥90	4085	≤3	140	50	100	-30...+50	6000	14.1	10.8	IP66/IP67	>60000hrs@L90B10
	LPD400S-G1-965-06	4062172025706	24	7.2	53	380	≥90	6790	≤3	140	50	100	-30...+50	6000	14.1	10.8	IP66/IP67	>60000hrs@L90B10
	LPD600S-G1-840-06	4052899582064	24	11.5	59	680	>80	4080	≤3	140	50	100	-30...+50	6000	14.1	10.8	IP66/IP67	>60000hrs@L90B10
	LPD600S-G1-865-06	4052899582088	24	11.5	49	560	>80	6420	≤3	140	50	100	-30...+50	6000	14.1	10.8	IP66/IP67	>60000hrs@L90B10
	LPD600S-G1-924-06	4062172025829	24	11.5	44	510	≥90	2300	≤3	140	50	100	-30...+50	6000	14.1	10.8	IP66/IP67	>60000hrs@L90B10
	LPD600S-G1-935-06	4062172025867	24	11.5	49	570	≥90	3560	≤3	140	50	100	-30...+50	6000	14.1	10.8	IP66/IP67	>60000hrs@L90B10
	LPD400S-G2-824-10	4062172273992	24	8.9	44	390	80	2440	≤3	140	50	100	-30...+50	10000	14.1	10.8	IP68	>60000hrs@L90B10
	LPD400S-G2-827-10	4062172274012	24	8.9	49	440	80	2815	≤3	140	50	100	-30...+50	10000	14.1	10.8	IP68	>60000hrs@L90B10
	LPD400S-G2-830-10	4062172274036	24	8.9	52	460	80	3075	≤3	140	50	100	-30...+50	10000	14.1	10.8	IP68	>60000hrs@L90B10
	LPD400S-G2-840-10	4062172274074	24	8.9	52	460	80	3875	≤3	140	50	100	-30...+50	10000	14.1	10.8	IP68	>60000hrs@L90B10
	LPD400S-G2-924-10	4062172274111	24	8.9	44	390	90	2395	≤3	140	50	100	-30...+50	10000	14.1	10.8	IP68	>60000hrs@L90B10
	LPD400S-G2-927-10	4062172274135	24	8.9	45	400	90	2730	≤3	140	50	100	-30...+50	10000	14.1	10.8	IP68	>60000hrs@L90B10
	LPD400S-G2-930-10	4062172274159	24	8.9	48	430	90	2985	≤3	140	50	100	-30...+50	10000	14.1	10.8	IP68	>60000hrs@L90B10
	LPD400S-G2-940-10	4062172274197	24	8.9	44	390	90	3820	≤3	140	50	100	-30...+50	10000	14.1	10.8	IP68	>60000hrs@L90B10
	LPD600S-G2-824-06	4062172270618	24	13.5	44	590	80	2440	≤3	140	50	100	-30...+50	6000	14.1	10.8	IP68	>60000hrs@L90B10
	LPD600S-G2-827-06	4062172270632	24	13.5	47	630	80	2815	≤3	140	50	100	-30...+50	6000	14.1	10.8	IP68	>60000hrs@L90B10
	LPD600S-G2-830-06	4062172270656	24	13.5	50	680	80	3075	≤3	140	50	100	-30...+50	6000	14.1	10.8	IP68	>60000hrs@L90B10
	LPD600S-G2-840-06	4062172270694	24	13.5	51	690	80	3875	≤3	140	50	100	-30...+50	6000	14.1	10.8	IP68	>60000hrs@L90B10
	LPD600S-G2-924-06	4062172270731	24	13.5	40	540	90	2395	≤3	140	50	100	-30...+50	6000	14.1	10.8	IP68	>60000hrs@L90B10
	LPD600S-G2-927-06	4062172270755	24	13.5	44	600	90	2730	≤3	140	50	100	-30...+50	6000	14.1	10.8	IP68	>60000hrs@L90B10
	LPD600S-G2-930-06	4062172270779	24	13.5	44	600	90	2985	≤3	140	50	100	-30...+50	6000	14.1	10.8	IP68	>60000hrs@L90B10
	LPD600S-G2-940-06	4062172270816	24	13.5	46	620	90	3820	≤3	140	50	100	-30...+50	6000	14.1	10.8	IP68	>60000hrs@L90B10
	LPD1000S-G2-824-04	4062172271097	24	21	40	830	80	2440	≤3	140	50	100	-30...+50	4000	14.1	10.8	IP68	>60000hrs@L90B10
	LPD1000S-G2-827-04	4062172271110	24	21	48	1000	80	2815	≤3	140	50	100	-30...+50	4000	14.1	10.8	IP68	>60000hrs@L90B10
	LPD1000S-G2-830-04	4062172271134	24	21	47	980	80	3075	≤3	140	50	100	-30...+50	4000	14.1	10.8	IP68	>60000hrs@L90B10
	LPD1000S-G2-840-04	4062172271172	24	21	50	1050	80	3875	≤3	140	50	100	-30...+50	4000	14.1	10.8	IP68	>60000hrs@L90B10
	LPD1000S-G2-927-04	4062172271233	24	21	40	840	90	2730	≤3	140	50	100	-30...+50	4000	14.1	10.8	IP68	>60000hrs@L90B10
	LPD1000S-G2-930-04	4062172271257	24	21	43	900	90	2985	≤3	140	50	100	-30...+50	4000	14.1	10.8	IP68	>60000hrs@L90B10
	LPD1000S-G2-940-04	4062172271295	24	21	43	900	90	3820	≤3	140	50	100	-30...+50	4000	14.1	10.8	IP68	>60000hrs@L90B10
	LPD400S-G1-850-06	4062172007658	24	7.2	60	430	≥80	5075	≤3	140	50	100	-30...+50	6000	14.1	10.8	IP67	>60000hrs@L90B10
	LPD400T-G2-824-10	4062172273756	24	7.3	71	520	80	2500	≤3	140	50	100	-30...+50	10000	14.1	10.8	IP68	>60000hrs@L90B10
	LPD400T-G2-827-10	4062172273770	24	7.3	77	560	80	2900	≤3	140	50	100	-30...+50	10000	14.1	10.8	IP68	>60000hrs@L90B10
	LPD400T-G2-830-10	4062172273794	24	7.3	82	600	80	3150	≤3	140	50	100	-30...+50	10000	14.1	10.8	IP68	>60000hrs@L90B10
	LPD400T-G2-840-10	4062172273831	24	7.3	82	600	80	4030	≤3	140	50	100	-30...+50	10000	14.1	10.8	IP68	>60000hrs@L90B10
	LPD400T-G2-924-10	4062172273879	24	7.3	63	460	90	2440	≤3	140	50	100	-30...+50	10000	14.1	10.8	IP68	>60000hrs@L90B10
	LPD400T-G2-927-10	4062172273893	24	7.3	66	480	90	2790	≤3	140	50	100	-30...+50	10000	14.1	10.8	IP68	>60000hrs@L90B10
	LPD400T-G2-930-10	4062172273916	24	7.3	70	510	90	3060	≤3	140	50	100	-30...+50	10000	14.1	10.8	IP68	>60000hrs@L90B10
	LPD400T-G2-940-10	4062172273954	24	7.3	70	510	90	3950	≤3	140	50	100	-30...+50	10000	14.1	10.8	IP68	>60000hrs@L90B10
	LPD800T-G2-824-06	4062172270373	24	13.5	70	950	80	2500	≤3	140	50	100	-30...+50	6000	14.1	10.8	IP68	>60000hrs@L90B10
	LPD800T-G2-827-06	4062172270397	24	13.5	74	1000	80	2900	≤3	140	50	100	-30...+50	6000	14.1	10.8	IP68	>60000hrs@L90B10
	LPD800T-G2-830-06	4062172270410	24	13.5	78	1050	80	3150	≤3	140	50	100	-30...+50	6000	14.1	10.8	IP68	>60000hrs@L90B10
	LPD800T-G2-840-06	4062172270458	24	13.5	78	1050	80	4030	≤3	140	50	100	-30...+50	6000	14.1	10.8	IP68	>60000hrs@L90B10
	LPD800T-G2-924-06	4062172270496	24	13.5	59	800	90	2440	≤3	140	50	100	-30...+50	6000	14.1	10.8	IP68	>60000hrs@L90B10
	LPD800T-G2-927-06	4062172270519	24	13.5	64	870	90	2790	≤3	140	50	100	-30...+50	6000	14.1	10.8	IP68	>60000hrs@L90B10
	LPD800T-G2-930-06	4062172270533	24	13.5	64	870	90	3060	≤3	140	50	100	-30...+50	6000	14.1	10.8	IP68	>60000hrs@L90B10
	LPD800T-G2-940-06	4062172270571	24	13.5	67	910	90	3950	≤3	140	50	100	-30...+50	6000	14.1	10.8	IP68	>60000hrs@L90B10
	LPD1300T-G2-824-04	4062172270854	24	21	64	1350	80	2500	≤3	140	50	100	-30...+50	4000	14.1	10.8	IP68	>60000hrs@L90B10
	LPD1300T-G2-827-04	4062172270878	24	21	71	1500	80	2900	≤3	140	50	100	-30...+50	4000	14.1	10.8	IP68	>60000hrs@L90B10
	LPD1300T-G2-830-04	4062172270892	24	21	71	1500	80	3150	≤3	140	50	100	-30...+50	4000	14.1	10.8	IP68	>60000hrs@L90B10
	LPD1300T-G2-840-04	4062172270939	24	21	74	1550	80	4030	≤3	140	50	100	-30...+50	4000	14.1	10.8	IP68	>60000hrs@L90B10
	LPD1300T-G2-927-04	4062172270991	24	21		1230	90	2700		140	50	100	-30...+50	4000	14.1	10.8	IP68	>60000hrs@L90B10
	LPD1300T-G2-930-04	4062172271011	24	21	64	1340	90	3060	≤3	140	50	100	-30...+50	4000	14.1	10.8	IP68	>60000hrs@L90B10
	LPD1300T-G2-940-04	4062172271059	24	21	64	1340	90	3950	≤3	140	50	100	-30...+50	4000	14.1	10.8	IP68	>60000hrs@L90B10
GINOLED Flex Side	GFDS400-G1-827-05	4062172194242	24	6	68.33	410	80	2700	≤3	144	41.7	100	-40...+55	5000	11	10.5	IP67	>50000hrs@L70B50
	GFDS400-G1-830-05	4062172194648	24	6	68.33	410	80	3000	≤3	144	41.7	100	-40...+55	5000	11	10.5	IP67	>50000hrs@L70B50
	GFDS400-G1-835-05	4062172194709	24	6	73.3	440	80	3500	≤3	144	41.7	100	-40...+55	5000	11	10.5	IP67	>50000hrs@L70B50
	GFDS400-G1-840-05	4062172194723	24	6	73.3	440	80	4000	≤3	144	41.7	100	-40...+55	5000	11	10.5	IP67	>50000hrs@L70B50
	GFDS400-G1-850-05	4062172194747	24	6	71.67	430	80	5000	≤3	144	41.7	100	-40...+55	5000	11	10.5	IP67	>50000hrs@L70B50
	GFDS400-G1-857-05	4062172194761	24	6	70.83	425	80	5700	≤3	144	41.7	100	-40...+55	5000	11	10.5	IP67	>50000hrs@L70B50
	GFDS400-G1-827-01	4062172270786	24	6	68.33	410	80											

OSRAM Indoor Constant Current LED Drivers_Linear 欧司朗室内恒流LED驱动电源_长条形



Product Family 系列	Product Name 产品名称	EAN10 订货号	Dimming method 调光方式	Touch DIM 按键调光	SELV/ Non isolated 隔离/非隔离	Output Power 输出功率 [W]	Input Voltage 输入电压 [V]	Output Voltage 输出电压 [V]	Output Current 输出电流 [mA]	Max Efficiency 最大效率 [%]	Voltage Ripple 纹波电流 [%]	Power Factor 功率 因数	THD 总谐波	Dimensions 外形尺寸 (LxWxH) [mm]	Ambient temperature range 工作环境温度[°C]	Max Tc 最高温度 [°C]	Lifetime 产品寿命 [h]	IP Rating 防护等级	EL emergency lighting 防护等级	Safety Protection Class 适用灯具 防护等级	Cable clamp kit 压线夹	Programmer Tool 编程工具	Standard pack 标准包装 [pcs.]	Certificates & Approbations 认证
Connected (Wireless)	OT WI 35/220...240/400 D NFC CA L	4062172267434	Casambi	No	Non-isolated	4-38	198-264	54...240	75...400	92	<1	≥0.95		280x30x21	-25...+60	75	100K	IP20	Yes	I	N/A	NFC programmer	20	CE,UKA,ENEC,CCC,RoM,EAC,BIS,KC,TISI*
	OT WI 75/220...240/550 D NFC CA L	4062172267458	Casambi	No	Non-isolated	6.5-75	198-264	54...240	125...550	93	<1	≥0.95		280x30x21	-25...+50	75	100K	IP20	Yes	I	N/A	NFC programmer	20	CE,UKA,ENEC,CCC,RoM,EAC,BIS,KC,TISI*
	OT WI 100/220...240/750 D NFC CA L	4062172267472	Casambi	No	Non-isolated	5.4-100	198-264	54...240	100...750	94	<1	≥0.95		280x30x21	-25...+50	75	100K	IP20	Yes	I	N/A	NFC programmer	20	CE,UKA,ENEC,CCC,RoM,EAC,BIS,KC,TISI*
Connected (DALI)	OTI DEXAL -Non isolated D4i	OTI DX 35/220...240/400 D NFC L OTI DX 75/220...240/600 D NFC L	DEXAL(D4i) DEXAL(D4i)	No	Non-isolated	4-38 6.75-75	220-240 220-240	54-240 54-240	75-400 120-600	90 93	<4 <4	>0.95 >0.95	<10 <10	360x30x21 360x30x21	-25...+60 -25...+55	75 75	50K ⁽¹⁾ /100K ⁽²⁾ 50K ⁽¹⁾ /100K ⁽²⁾	IP20 IP20	Yes Yes	I I	N/A N/A	DALI Magic, NFC programmer DALI Magic, NFC programmer	20 20	CE,UKA,ENEC,CCC,RoM,EAC,BIS,KC,TISI CE,UKA,ENEC,CCC,RoM,EAC,BIS,KC,TISI
	OTI DEXAL -Non isolated	OTI DX 100/220...240/700 D NFC IND L OTI DX 150/220...240/850 D NFC IND L	DEXAL(D4i) DEXAL(D4i)	No	Non-isolated	23-100 43-150	220-240 220-240	64-300 64-300	200-700 250-850	up to 93 up to 95	<1 <1	>0.95 >0.95	<10 <10	425x30x21 425x30x21	-40...+70 -40...+65	85 85	50K ⁽¹⁾ /100K ⁽²⁾ 50K ⁽¹⁾ /100K ⁽²⁾	IP20 IP20	No No	I I	N/A N/A	DALI Magic, NFC programmer DALI Magic, NFC programmer	20 20	CE,UKA,ENEC,CCC,RoM,EAC,BIS,KC,TISI CE,UKA,ENEC,CCC,RoM,EAC,BIS,KC,TISI
	OTI DALI-Non isolated LEDSET-2 Ultra Flat (11mm Height)	OTI DAU 35/220...240/400 D LT2 UF L OTI DAU 75/220...240/700 D LT2 UF L	DALI	Yes	Non-isolated	4-38 8-75	220-240 220-240	54-240 54-240	75-400 150-700	93 93	<1 <1	>0.98 >0.98	<10 <10	360x30x11 360x30x11	-20...+60 -25...+50	75 75	50K ⁽¹⁾ /100K ⁽²⁾ 50K ⁽¹⁾ /100K ⁽²⁾	IP20 IP20	Yes Yes	I I	N/A N/A	DALI Magic DALI Magic	20 20	CE,UKA,ENEC,CCC,RoM,EAC,KC,TISI CE,UKA,ENEC,CCC,RoM,EAC,KC,TISI
	OTI DALI - Non isolated NFC Tunable White (DT8)	OTI DAU 35/220...240/400 D NFC TW L OTI DAU 75/220...240/700 D NFC TW L	DALI	Yes	Non-isolated	4-38 8.1-75	220-240 220-240	45-240 50-240	75-400 125-700	90 91	<1 <1	>0.95 >0.95	<10 <10	360x30x21 360x30x21	-25...+60 -25...+50	75 75	50K ⁽¹⁾ /100K ⁽²⁾ 50K ⁽¹⁾ /100K ⁽²⁾	IP20 IP20	Yes Yes	I I	N/A N/A	DALI Magic, NFC programmer DALI Magic, NFC programmer	20 20	CE,UKA,ENEC,CCC,RoM,EAC,BIS,KC,TISI CE,UKA,ENEC,CCC,RoM,EAC,BIS,KC,TISI
	OTI DALI - SELV NFC Tunable White(DT8)	OTI DAU 35/220-240/700 NFC TW L OTI DAU 75/220-240/1A4 NFC TW L	DALI	Yes	SELV	4-38 8-75	220-240 220-240	15-54 15-54	200-700 400-1400	90 90	<1 <1	>0.95 >0.95	<10 <10	360x30x21 360x30x21	-25...+60 -25...+50	75 75	50K ⁽¹⁾ /100K ⁽²⁾ 50K ⁽¹⁾ /100K ⁽²⁾	IP20 IP20	Yes Yes	I I	N/A N/A	DALI Magic, NFC programmer DALI Magic, NFC programmer	20 20	CE,UKA,ENEC,CCC,RoM,EAC,BIS,KC,TISI CE,UKA,ENEC,CCC,RoM,EAC,BIS,KC,TISI
	OTI DALI Industrial -Non isolated NFC	OTI DAU 75/220-240/550 D NFC IND L	DALI	Yes	Non-isolated	8-75	220-240	64-300	125-500	94	<1	>0.95	<10	360x30x21	-40...+70	85	50K ⁽¹⁾ /100K ⁽²⁾	IP20	Yes	I	N/A	DALI Magic, NFC programmer	20	CE,UKA,ENEC,CCC*,RoM,EAC,BIS,KC,TISI
		OTI DAU 100/220...240/700 D NFC IND L	DALI	Yes	Non-isolated	28-100	220-240	64-300	200-700	94	<1	>0.98	<8	360x30x21	-40...+60	85	50K ⁽¹⁾ /100K ⁽²⁾	IP20	Yes	I	N/A	DALI Magic, NFC programmer	20	CE,UKA,ENEC,CCC,RoM,EAC,BIS,KC,TISI
		OTI DAU 150/220...240/1A0 D NFC IND L	DALI	Yes	Non-isolated	43-150	220-240	64-300	250-1000	95	<1	>0.98	<8	425x30x21	-40...+60	85	50K ⁽¹⁾ /100K ⁽²⁾	IP20	Yes	I	N/A	DALI Magic, NFC programmer	20	CE,UKA,ENEC,CCC,RoM,EAC,BIS,KC,TISI
		OTI DAU 300/220...240/1A6 D NFC IND L	DALI	Yes	Non-isolated	80-300	220-240	60...300	250...1550	96	<1	>0.99		360x45x28	-40...+65	85	50K ⁽¹⁾ /100K ⁽²⁾	IP20	Yes	I	N/A	DALI Magic, NFC programmer	20	CE,UKA,ENEC,RoM,EAC,BIS,KC,TISI
	OTI DALI - Non isolated NFC Flat (16mm Height)	OTI DAU 25/220-240/200 D NFC F L	DALI	Yes	Non-isolated	2.7-25	220-240	54-240	35-300	90.5	<1	>0.95	<9.5	280x30x16	-25...+60	75	50K ⁽¹⁾ /100K ⁽²⁾	IP20	Yes	I	N/A	DALI Magic, NFC programmer	20	CE,UKA,ENEC,CCC,RoM,EAC,BIS,KC,TISI
		OTI DAU 35/220-240/400 D NFC F L	DALI	Yes	Non-isolated	4-38	220-240	54-240	75-400	92	<1	>0.97	<8	280x30x16	-25...+60	75	50K ⁽¹⁾ /100K ⁽²⁾	IP20	Yes	I	N/A	DALI Magic, NFC programmer	20	CE,UKA,ENEC,CCC,RoM,EAC,BIS,KC,TISI
		OTI DAU 75/220-240/500 D NFC F L	DALI	Yes	Non-isolated	6-75	220-240	54-240	125-500	94	<1	>0.98	<5.5	280x30x16	-25...+60	75	50K ⁽¹⁾ /100K ⁽²⁾	IP20	Yes	I	N/A	DALI Magic, NFC programmer	20	CE,UKA,ENEC,CCC,RoM,EAC,BIS,KC,TISI
	OTI DALI- Non isolated LEDSET-2	OTI DAU 35/220...240/400 D LT2 L	DALI	Yes	Non-isolated	4-38	220-240	54-240	75-400	92	<1	>0.95	<10	280x30x21	-25...+60	75	50K ⁽¹⁾ /100K ⁽²⁾	IP20	Yes	I	N/A	DALI Magic	20	CE,UKA,ENEC,CCC,RoM,EAC,BIS,KC,TISI
		OTI DAU 60/220...240/550 D LT2 L	DALI	Yes	Non-isolated	6.4-60	220-240	54-240	120-550	93	<1	>0.95	<10	280x30x21	-25...+60	75	50K ⁽¹⁾ /100K ⁽²⁾	IP20	Yes	I	N/A	DALI Magic	20	CE,UKA,ENEC,CCC,RoM,EAC,BIS,KC,TISI
		OTI DAU 90/220...240/1A0 LT2 L	DALI	Yes	Non-isolated	13.5-90	220-240	54-240	250-1000	94	<1	>0.95	<10	280x30x21	-25...+50	75	50K ⁽¹⁾ /100K ⁽²⁾	IP20	Yes	I	N/A	DALI Magic	20	CE,UKA,ENEC,CCC,RoM,EAC,BIS,KC,TISI
		OTI DAU 90/220-240/700 D LT2 L	DALI	Yes	Non-isolated	13.5-90	220-240	54-240	250-700	93	<1	>0.95	<10	280x30x21	-25...+50	75	50K ⁽¹⁾ /100K ⁽²⁾	IP20	Yes	I	N/A	DALI Magic	20	CE,UKA,ENEC,KC,TISI
	OTI DALI-Non isolated NFC	OTI DAU 100/220...240/750 D NFC L	DALI	Yes	Non-isolated	5.4-100	220-240	54-260	100-750	94	<1	>0.95	<10	280x30x21	-25...+50	75	50K ⁽¹⁾ /100K ⁽²⁾	IP20	Yes	I	N/A	DALI Magic, NFC programmer	20	CE,UKA,ENEC,CCC,RoM,EAC,BIS,KC,TISI
	OTI DALI G2-SELV LEDSET-2	OTI DAU 35/220...240/700 LT2 L G2	DALI	Yes	SELV	4-37	220-240	15-54	200-700	90	<1	>0.95	<15	360x30x21	-25...+50	75	50K ⁽¹⁾ /100K ⁽²⁾	IP20	Yes	I	N/A	DALI Magic	20	CE,UKA,ENEC,CCC,RoM,EAC,BIS,KC,TISI
		OTI DAU 50/220...240/1A4 LT2 L G2	DALI	Yes	SELV	12-50	220-240	15-54	600-1400	91	<1	>0.95	<15	360x30x21	-25...+50	75	50K ⁽¹⁾ /100K ⁽²⁾	IP20	Yes	I	N/A	DALI Magic	20	CE,UKA,ENEC,CCC,RoM,EAC,BIS,KC,TISI
		OTI DAU 80/220...240/1A6 LT2 L	DALI	Yes	SELV	32-80	220-240	20-54	600-1550	90	<1	>0.95	<20	360x30x21	-25...+50	80	50K ⁽¹⁾ /100K ⁽²⁾	IP20	Yes	I	N/A	DALI Magic	20	CE,UKA,ENEC,CCC,RoM,EAC,BIS,KC,TISI
		OTI DAU 80/220...240/2A1 LT2 L	DALI	Yes	SELV	32-80	220-240	20-54	1000-2100	90	<1	>0.95	<20	360x30x21	-25...+45	80	50K ⁽¹⁾ /100K ⁽²⁾	IP20	Yes	I	N/A	DALI Magic	20	CE,UKA,ENEC,CCC,RoM,EAC,BIS,KC,TISI
	OTI DALI-SELV NFC	OTI DAU 25/220-240/700 NFC L	DALI	Yes	SELV	2-28	220-240	15-54	180-700	90	<3	>0.95	<15	280x30x21	-25...+60	75	50K ⁽¹⁾ /100K ⁽²⁾	IP20	Yes	I	N/A	DALI Magic, NFC programmer	20	CE,UKA,ENEC,CCC,RoM,EAC,BIS,KC,TISI
		OTI DAU 35/220-240/1A0 NFC L	DALI	Yes	SELV	4-37	220-240	15-54	200-1050	90	<3	>0.95	<15	280x30x21	-25...+60	75	50K ⁽¹⁾ /100K ⁽²⁾	IP20	Yes	I	N/A	DALI Magic, NFC programmer	20	CE,UKA,ENEC,CCC,RoM,EAC,BIS,KC,TISI
		OTI DAU 50/220-240/1A4 NFC L	DALI	Yes	SELV	12-54	220-240	15-54	400-1400	91	<3	>0.95	<15	280x30x21	-25...+50	75	50K ⁽¹⁾ /100K ⁽²⁾	IP20	Yes	I	N/A	DALI Magic, NFC programmer	20	CE,UKA,ENEC,CCC,RoM,EAC,BIS,KC,TISI
		OTI DAU 80/220...240/2A1 NFC L	DALI	Yes	SELV	32.0-80	220-240	20-54	600-2100	91	<3	>0.95	<15	360x30x21	-25...+50	80	50K ⁽¹⁾ /100K ⁽²⁾	IP21	Yes	I	N/A	DALI Magic, NFC programmer	21	CE,UKA,ENEC,CCC,RoM,EAC,BIS,KC,TISI
	ETI DALI-SELV LEDSET-2	ETI DAU 25/220-240/500 LT2 L	DALI	N/A	SELV	3.6-25.5	220-240	20-51	180-500	86	<3	>0.95	<15	280x30x21	-25...+50	75	50K ⁽¹⁾ /100K ⁽²⁾	IP20	Yes	I	N/A	DALI Magic	20	CE,UKA,ENEC,CCC,RoM,EAC,BIS,KC,TISI
		ETI DAU 35/220-240/700 LT2 L	DALI	N/A	SELV	7-35.7	220-240	20-51	350-700	87	<3	>0.98	<15	280x30x21	-25...+50	80	50K ⁽¹⁾ /100K ⁽²⁾	IP20	Yes	I	N/A	DALI Magic	20	CE,UKA,ENEC,CCC,RoM,EAC,BIS,KC,TISI
		ETI DAU 75/220-240/1A4 LT2 L	DALI	N/A	SELV	12-71.4	220-240	20-51	600-1400	89	<3	>0.98	<15	280x30x21	-25...+50	75	50K ⁽¹⁾ /100K ⁽²⁾	IP20	Yes	I	N/A	DALI Magic	20	CE,UKA,ENEC,CCC,RoM,EAC,BIS,KC,TISI
	ETI DALI-Non isolated LEDSET-2	ETI DAU 25/220-240/300 D LT2 L	DALI	N/A	Non-isolated	3.0-25	220-240	54-240	35-300	90	<4	>0.95	<10	280x30x21	-25...+60	75	50K ⁽¹⁾ /100K ⁽²⁾	IP20	Yes	I	N/A	DALI Magic	20	CE,UKA,ENEC,CCC,RoM*,EAC*,BIS*,KC*,TISI*
		ETI DAU 35/220-240/400 D LT2 L	DALI	N/A	Non-isolated	4.0-38	220-240	54-240	75-400	92	<4	>0.95	<10	280x30x21	-25...+60	75	50K ⁽¹⁾ /100K ⁽²⁾	IP20	Yes	I	N/A	DALI Magic	20	CE,UKA,ENEC,CCC,RoM*,EAC*,BIS*,KC*,TISI*
		ETI DAU 75/220-240/500 D LT2 L	DALI	N/A	Non-isolated	8.0-75	220-240	54-240	125-500	94	<4	>0.95	<10	280x30x21	-25...+50	75	50K ⁽¹⁾ /100K ⁽²⁾	IP20	Yes	I	N/A	DALI Magic	20	CE,UKA,ENEC,CCC,RoM*,EAC*,BIS*,KC*,TISI*
Simple Dim Element 0-10V-SELV (0-10V)	EM DIM 35/220-240/700 CS F L	4062172311120	0-10V	N/A	SELV	15-37.8	220-240	30-54	500/570/620/700	85	<5	≥0.95	<15	260x23x16.5	-25...+50	75	35K ⁽¹⁾ /50K ⁽²⁾	IP20	No	I	N/A	Dip switch	30	CE,UKA,ENEC,CCC,RoM,EAC,BIS,KC,TISI
	Dip Switch	4062172311144	0-10V	N/A	SELV	30-67.5	220-240	30-45	1000/1250/1400/1500	88	<5	≥0.95	<15	310x23x16.5	-25...+50	75	35K ⁽¹⁾ /50K ⁽²⁾	IP20	No	I	N/A	Dip switch	30	CE,UKA,ENEC,CCC,RoM,EAC,BIS,KC,TISI
		4062172311168	0-10V	N/A	SELV	45-90	220-240	30-45	1500/1750/1850/2000	89	<5	≥0.95	<15	360x23x16.5	-25...+50	80	35K ⁽¹⁾ /50K ⁽²⁾	IP20	No	I	N/A	Dip switch	30	CE,UKA,ENEC,CCC,RoM,EAC,BIS,KC,TISI

备注：
(1) 运行在最高Tc温度下的产品寿命，最大失效率为10%
(2) 运行的Tc温度比最高Tc温度低10°C下的产品寿命，最大失效率为10%
★ 认证准备中

Remark:
(1) At max. Tc temperature, max. failure rate of 10 %
(2) Operating at 10 °°C lower than max. Tc, max. failure rate of 10 %
★ In preparation

授权合作伙伴：

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OSRAM Indoor Constant Current LED Drivers_Linear 欧司朗室内恒流LED驱动电源_长条形

																									
OT FIT 35/220-240/400 D LT2 UF L	OT FIT 100/220-240/700 D NFC IND L	OT FIT 25/220-240/250 D NFC F L	OT FIT 35/220-240/350 D NFC L	OT FIT 75/220-240/1A4 NFC L	OT FIT 120/220-240/750 D LT2 L	OT FIT 18/220-240/350 D CS L	IT FIT 18/220-240/350 CS D L	IT FIT 18/220-240/350 CS L	IT DIM 40 / HF LS/PD KIT																
Product Family 系列	Product Name 产品名称	EAN10 订货号	Dimming method 调光方式	Touch DIM 按键调光	SELV/ Non isolated 隔离/非隔离	Output Power 输出功率 [W]	Input Voltage 输入电压 [V]	Output Voltage 输出电压 [V]	Output Current 输出电流 [mA]	Max Efficiency 最大效率 [%]	Voltage Ripple 纹波电流 [%]	Power Factor 功率因数	THD 总谐波	Dimensions 外形尺寸 LxWxH [mm]	Ambient temperature range 工作环境温度[°C]	Max Tc 最高温度 [°C]	Lifetime 产品寿命 [h]	IP Rating 防护等级	EL emergency lighting 防护等级	Suitable Luminaire 适用灯具 防护等级	Cable clamp kit 压线夹	Programmer Tool 编程工具	Standard pack 标准包装 [pcs]	Certificates & Approbations 认证	
Non Dim (ON OFF)	OT FIT Ultra flat -Non isolated	OT FIT 35/220-240/400 D LT2 UF L OT FIT 75/220-240/700 D LT2 UF L	4052899590960 4052899590984	Non-DIM Non-DIM	Not applicable Not applicable	Non-isolated Non-isolated	4-38 8-75	220-240 220-240	54-240 54-240	75-400 150-700	93 93	<1 <1	>0.95 >0.95	<10 <10	360x30x11 360x30x11	-25...+60 -25...+50	75 75	50K ⁽¹⁾ /100K ⁽²⁾ 50K ⁽¹⁾ /100K ⁽²⁾	IP20 IP20	Yes Yes	I I	N/A N/A	Ledset Ledset	20 20	CE,UKCA,BNEC,CCC,RoM,EAC,KC,TISI CE,UKCA,BNEC,CCC,RoM,EAC,KC,TISI
	OT FIT D NFC IND L -Non isolated	OT FIT 75/220-240/550 D NFC IND L OT FIT 100/220...240/700 D NFC IND L OT FIT 150/220...240/1A0 D NFC IND L NEW! OT FIT 300/220-240/1A6 D NFC IND L	4062172139694 4052899990128 4052899990142 4062172186179	Non-DIM Non-DIM Non-DIM Non-DIM	N/A N/A N/A N/A	Non-isolated Non-isolated Non-isolated Non-isolated	8-75 28-100 43-150 40-300	220-240 220-240 220-240 220-240	64-300 64-300 64-300 64-300	125-550 200-700 250-1000 250-1550	95 96 95 96	<1 <1 <1 <1	>0.98 >0.98 >0.98 >0.99	<10 <7 <7 <10	360x30x21 360x30x21 360x30x21 360x46x28	-40...+75 -40...+70 -40...+70 -40...65	85 85 85 85	50K ⁽¹⁾ /100K ⁽²⁾ 50K ⁽¹⁾ /100K ⁽²⁾ 50K ⁽¹⁾ /100K ⁽²⁾ 50K ⁽¹⁾ /100K ⁽²⁾	IP20 IP20 IP20 IP20	Yes Yes Yes Yes	I I I I	N/A N/A N/A N/A	NFC programmer, Ledset NFC programmer, Ledset NFC programmer, Ledset NFC programmer, Ledset	20 20 20 20	CE,UKCA,BNEC,CCC,RoM,EAC CE,UKCA,BNEC,CCC,RoM,EAC CE,UKCA,BNEC,CCC,RoM,EAC CE,UKCA,BNEC,CCC,RoM,EAC
	OT FIT Flat Non isolated	NEW! OT FIT 25/220-240/250 D NFC F L NEW! OT FIT 35/220-240/400 D NFC F L NEW! OT FIT 75/220-240/500 D NFC F L	4062172063920 4062172063944 4062172063968	Non-DIM Non-DIM Non-DIM	Not applicable Not applicable Not applicable	Non-isolated Non-isolated Non-isolated	4-25 10-75 10-75	220-240 220-240 220-240	54-216 54-216 54-216	35-250 75-400 125-500	91 93 94	<1 <1 <1	>0.94 >0.96 >0.95	<10 <10 <10	280x30x16 280x30x16 280x30x16	-25...+60 -25...+60 -25...+50	75 75 75	50K ⁽¹⁾ /100K ⁽²⁾ 50K ⁽¹⁾ /100K ⁽²⁾ 50K ⁽¹⁾ /100K ⁽²⁾	IP20 IP20 IP20	Yes Yes Yes	I I I	N/A N/A N/A	NFC programmer NFC programmer NFC programmer	20 20 20	CE,UKCA,BNEC,CCC,RoM,EAC,KC,TISI CE,UKCA,BNEC,CCC,RoM,EAC,KC,TISI CE,UKCA,BNEC,CCC,RoM,EAC,KC,TISI
	OT FIT NFC -Non isolated	OT FIT 35/220...240/350 D NFC L OT FIT 75/220...240/550 D NFC L OT FIT 100/220-240/750 D NFC L	4052899990166 4052899990180 4062172122863	Non-DIM Non-DIM Non-DIM	Not applicable Not applicable Not applicable	Non-isolated Non-isolated Non-isolated	6-35 10-75 13-100	220-240 220-240 220-240	54-216 54-216 54-216	75-350 125-550 250-550	93 94 95	<1 <1 <1	>0.95 >0.95 >0.95	<10 <10 <7	280x30x21 280x30x21 280x30x21	-25...+60 -25...+50 -25...+50	75 75 75	50K ⁽¹⁾ /100K ⁽²⁾ 50K ⁽¹⁾ /100K ⁽²⁾ 50K ⁽¹⁾ /100K ⁽²⁾	IP20 IP20 IP20	Yes Yes Yes	I I I	N/A N/A N/A	NFC programmer NFC programmer NFC programmer	20 20 20	CE,UKCA,BNEC,CCC,RoM,EAC,KC,TISI CE,UKCA,BNEC,CCC,RoM,EAC,KC,TISI CE,UKCA,BNEC,CCC,RoM,EAC,KC,TISI
	OT FIT-SELV NFC	OT FIT 25/220-240/500 NFC L OT FIT 35/220-240/700 NFC L OT FIT 55/220-240/1A0 NFC L OT FIT 75/220-240/1A4 NFC L	4062172063982 4062172064002 4062172064026 4062172064040	Non-DIM Non-DIM Non-DIM Non-DIM	Not applicable Not applicable Not applicable Not applicable	SELV SELV SELV SELV	8-25 13-35 21-55 29-75	220-240 220-240 220-240 220-240	20-51 20-51 20-51 20-51	170-500 250-700 400-1050 600-1400	87 86 90 91	<4 <4 <4 <4	>0.91 >0.97 >0.97 >0.98	<10 <10 <10 <10	280x30x21 280x30x21 280x30x21 280x30x21	-25...+60 -25...+60 -25...+50 -25...+50	75 75 75 75	50K ⁽¹⁾ /100K ⁽²⁾ 50K ⁽¹⁾ /100K ⁽²⁾ 50K ⁽¹⁾ /100K ⁽²⁾ 50K ⁽¹⁾ /100K ⁽²⁾	IP20 IP20 IP20 IP20	Yes Yes Yes Yes	I I I I	N/A N/A N/A N/A	NFC programmer NFC programmer NFC programmer NFC programmer	20 20 20 20	CE,UKCA,BNEC,CCC,RoM,EAC,BIS,KC,TISI CE,UKCA,BNEC,CCC,RoM,EAC,BIS,KC,TISI CE,UKCA,BNEC,CCC,RoM,EAC,BIS,KC,TISI CE,UKCA,BNEC,CCC,RoM,EAC,BIS,KC,TISI
	OT FIT D LT2 L -Non isolated LEDSET-2	OT FIT 120/220...240/750 D LT2 L	4052899497900	Non-DIM	Not applicable	Non-isolated	13.5-120	220-240	54-216	250-750	93	<1	>0.98	<5	360x30x21	-25...+50	75	50K ⁽¹⁾ /100K ⁽²⁾	IP20	Yes	I	N/A	Ledset	20	CE,UKCA,BNEC,CCC,RoM,EAC,BIS,TISI
	OT FIT CS D L -Non isolated Dip switch	NEW! OT FIT 18/220-240/350 D CS L NEW! OT FIT 35/220...240/700 CS L AP NEW! OT FIT 60/220-240/350 D CS L NEW! OT FIT 75/220-240/550 D CS L	4062172285054 4062172285278 4062172285292 4062172285315	Non-DIM Non-DIM Non-DIM Non-DIM	Not applicable Not applicable Not applicable Not applicable	Non-isolated Non-isolated Non-isolated Non-isolated	5-18.9 13.5-37.8 18-61.2 31.5-75	220-240 220-240 220-240 220-240	32-54 60-120 90-175 90-216@300/350 90-188@400 90-167@450 90-150@500 90-136@550	100/150/200/250/300/350 100/150/200/250/300/350 100/150/200/250/300/350 300/350/400/450/500/550	86 87 92 92	<3 <3 <3 <3	≥0.95 ≥0.95 ≥0.95 ≥0.95	<15 <15 <15 <15	210x30x21 210x30x21 210x30x21 210x30x21	-25...+60 -25...+55 -25...+50 -25...+50	75 75 75 75	50K ⁽¹⁾ /100K ⁽²⁾ 50K ⁽¹⁾ /100K ⁽²⁾ 50K ⁽¹⁾ /100K ⁽²⁾ 50K ⁽¹⁾ /100K ⁽²⁾	IP20 IP20 IP20 IP20	Yes Yes Yes Yes	I I I I	N/A N/A N/A N/A	Dip switch Dip switch Dip switch Dip switch	20 20 20 20	CE,UKCA,BNEC,CCC,RoM,EAC,BIS,TISI CE,UKCA,BNEC,CCC,RoM,EAC,BIS,KC,TISI CE,UKCA,BNEC,CCC,RoM,EAC,BIS,KC,TISI CE,UKCA,BNEC,CCC,RoM,EAC,BIS,KC,TISI
	OT FIT CS L AP-SELV Dip switch	Phase out OT FIT 18/220...240/350 CS L AP P Phase out OT FIT 35/220...240/700 CS L AP Phase out OT FIT 55/220...240/1050 CS L AP Phase out OT FIT 75/220...240/1400 CS L AP G2	4052899531475 4052899458413 4052899458437 4062172036108	Non-DIM Non-DIM Non-DIM Non-DIM	Not applicable Not applicable Not applicable Not applicable	SELV SELV SELV SELV	4-17.9 13.5-37.8 21-56.7 30-75	220-240 220-240 220-240 220-240	20-51 27-54 27-54 27-54	200/250/300/350 500/600/700/800 800/900/975/1050 1100/1200/1300/1400	86 87 90 91	<5 <5 <5 <5	>0.95 ≥0.98 ≥0.98 ≥0.98	<10 <10 <10 <10	210x30x21 280x30x21 280x30x21 280x30x21	-25...+50 -20...+50 -20...+50 -20...+50	70 80 80 80	50K ⁽¹⁾ /100K ⁽²⁾ 50K ⁽¹⁾ /100K ⁽²⁾ 50K ⁽¹⁾ /100K ⁽²⁾ 50K ⁽¹⁾ /100K ⁽²⁾	IP20 IP20 IP20 IP20	No No No No	I I I I	N/A N/A N/A N/A	Dip switch Dip switch Dip switch Dip switch	20 20 20 20	CE,UKCA,BNEC,CCC,RoM,EAC,BIS,KC,TISI CE,UKCA,BNEC,CCC,RoM,EAC,BIS,KC,TISI CE,UKCA,BNEC,CCC,RoM,EAC,BIS,KC,TISI CE,UKCA,BNEC,CCC,RoM,EAC,BIS,KC,TISI
	IT FIT CS L -Non isolated Dip switch	IT FIT 18/220-240/350 CS D L IT FIT 40/220-240/350 CS D L IT FIT 60/220-240/350 CS D L IT FIT 75/220-240/550 CS D L	4062172212649 4062172212687 4062172212748 4062172212786	Non-DIM Non-DIM Non-DIM Non-DIM	Not applicable Not applicable Not applicable Not applicable	Non-isolated Non-isolated Non-isolated Non-isolated	5-18.9 8-42 18-61.2 31.5-75	220-240 220-240 220-240 220-240	25-54 40-120 90-175 90-216	200/250/300/350 200/250/300/350 350/400/500/550	87 92 93 93	<5 <5 <5 <5	>0.95 ≥0.98 ≥0.98 ≥0.98	<15 <10 <10 <10	210x30x21 210x30x21 210x30x21 210x30x21	-25...+50 -25...+50 -25...+50 -25...+50	75 75 75 75	50K ⁽¹⁾ /100K ⁽²⁾ 50K ⁽¹⁾ /100K ⁽²⁾ 50K ⁽¹⁾ /100K ⁽²⁾ 50K ⁽¹⁾ /100K ⁽²⁾	IP20 IP20 IP20 IP20	No No No No	I I I I	N/A N/A N/A N/A	Dip switch Dip switch Dip switch Dip switch	20 20 20 20	CE,UKCA,BNEC,CCC,RoM,EAC,BIS,KC,TISI CE,UKCA,BNEC,CCC,RoM,EAC,BIS,KC,TISI CE,UKCA,BNEC,CCC,RoM,EAC,BIS,KC,TISI CE,UKCA,BNEC,CCC,RoM,EAC,BIS,KC,TISI
	IT FIT CS L-SELV Dip switch	IT FIT 18/220-240/350 CS L IT FIT 40/220-240/800 CS L IT FIT 60/220-240/1A2 CS L IT FIT 75/220-240/1A6 CS L	4062172212663 4062172212700 4062172212724 4062172212762	Non-DIM Non-DIM Non-DIM Non-DIM	Not applicable Not applicable Not applicable Not applicable	SELV SELV SELV SELV	4-6-17.8 11.5-40.8 20.7-64.8 29.9-75.2	220-240 220-240 220-240 220-240	23-51 23-61 23-54 23-54	200/250/300/350 500/600/700/800 900/1050/1100/1200 1300/1400/1500/1600	84 86 87 87	<5 <5 <5 <5	>0.96 ≥0.96 ≥0.98 ≥0.98	<15 <10 <10 <10	210x30x21 210x30x21 210x30x21 280x30x21	-25...+50 -25...+50 -25...+50 -25...+50	75 75 75 75	50K ⁽¹⁾ /100K ⁽²⁾ 50K ⁽¹⁾ /100K ⁽²⁾ 50K ⁽¹⁾ /100K ⁽²⁾ 50K ⁽¹⁾ /100K ⁽²⁾	IP20 IP20 IP20 IP20	No No No No	I I I I	N/A N/A N/A N/A	Dip switch Dip switch Dip switch Dip switch	20 20 20 20	CE,UKCA,BNEC,CCC,RoM,EAC,BIS,KC,TISI CE,UKCA,BNEC,CCC,RoM,EAC,BIS,KC,TISI CE,UKCA,BNEC,CCC,RoM,EAC,BIS,KC,TISI CE,UKCA,BNEC,CCC,RoM,EAC,BIS,KC,TISI
	Element CS L-SELV Dip switch	Phase out EM FIT 18/220-240/350 CS L Phase out EM FIT 40/220-240/800 CS L Phase out EM FIT 60/220-240/1A2 CS L Phase out EM FIT 75/220-240/1A6 CS L	4062172219976 4062172219990 4062172220019 4062172220033	Non-DIM Non-DIM Non-DIM Non-DIM	Not applicable Not applicable Not applicable Not applicable	SELV SELV SELV SELV	5.4-17.85 13.5-40.8 24.3-61.2 35.1-81.6	220-240 220-240 220-240 220-240	27-51 27-51 27-51 27-51	200/250/300/350 500/600/700/800 900/1050/1100/1200 1300/1400/1500/1600	84 87 88 89	<10 <10 <10 <10	>0.95 ≥0.95 ≥0.95 ≥0.95	<20 <20 <20 <20	210x30x21 210x30x21 280x30x21 280x30x21	-20...+50 -20...+50 -20...+50 -20...+50	65 75 75 75	35K ⁽¹⁾ /50K ⁽²⁾ 35K ⁽¹⁾ /50K ⁽²⁾ 35K ⁽¹⁾ /50K ⁽²⁾ 35K ⁽¹⁾ /50K ⁽²⁾	IP20 IP20 IP20 IP20	No No No No	I I I I	N/A N/A N/A N/A	Dip switch Dip switch Dip switch Dip switch	20 20 20 20	CE,UKCA,BNEC,CCC,RoM,KC,TISI CE,UKCA,BNEC,CCC,RoM,KC,TISI CE,UKCA,BNEC,CCC,RoM,KC,TISI CE,UKCA,BNEC,CCC,RoM,KC,TISI
	Element CS L -Non isolated Dip switch	Phase out EM FIT 18/220-240/350 D CS L Phase out EM FIT 40/220-240/350 D CS L Phase out EM FIT 60/220-240/350 D CS L Phase out EM FIT 75/220-240/550 D CS L	4062172219891 4062172219914 4062172219938 4062172219952	Non-DIM Non-DIM Non-DIM Non-DIM	Not applicable Not applicable Not applicable Not applicable	Non-isolated Non-isolated Non-isolated Non-isolated	5-18.9 8-42 18-61.3 31.5-75.6	220-240 220-240 220-240 220-240	27-54 40-120 90-175 90-216	200/250/300/350 200/250/300/350 200/250/300/350 350/400/500/550	88 90 91 92	<10 <10 <10 <10	>0.95 ≥0.95 ≥0.95 ≥0.95	<20 <20 <20 <20	210x30x21 210x30x21 210x30x21 210x30x21	-20...+60 -20...+60 -20...+50 -20...+50	60 75 75 75	35K ⁽¹⁾ /50K ⁽²⁾ 35K ⁽¹⁾ /50K ⁽²⁾ 35K ⁽¹⁾ /50K ⁽²⁾ 35K ⁽¹⁾ /50K ⁽²⁾	IP20 IP20 IP20 IP20	No No No No	I I I I	N/A N/A N/A N/A	Dip switch Dip switch Dip switch Dip switch	20 20 20 20	CE,UKCA,BNEC,CCC,RoM,KC,TISI CE,UKCA,BNEC,CCC,RoM,KC,TISI CE,UKCA,BNEC,CCC,RoM,KC,TISI CE,UKCA,BNEC,CCC,RoM,KC,TISI
	Element CS F L-SELV Dip switch (F=Flat, 16.5mm height)	NEW! EM FIT 35/220-240/700 CS F L NEW! EM FIT 65/220-240/1A5 CS F L NEW! EM FIT 90/220-240/2A0 CS F L	4062172310666 4062172310680 4062172310727	Non-DIM Non-DIM Non-DIM	Not applicable Not applicable Not applicable	SELV SELV SELV	15-37.8 30-67.5 45-90	220-240 220-240 220-240	30-54 30-45 30-45	500/570/620/700 1000/1250/1400/1500 1500/1750/1850/2000	85 88 89	<5 <5 <5	≥0.95 ≥0.95 ≥0.95	<15 <15 <15	260x23x16.5 310x23x16.5 360x23x16.5	-20...+50 -20...+50 -20...+50	75 75 80	35K ⁽¹⁾ /50K ⁽²⁾ 35K ⁽¹⁾ /50K ⁽²⁾ 35K ⁽¹⁾ /50K ⁽²⁾	IP20 IP20 IP20	No No No	I I I	N/A N/A N/A	Dip switch Dip switch Dip switch	30 30 30	CE,UKCA,BNEC,CCC,RoM,KC,TISI CE,UKCA,BNEC,CCC,RoM,KC,TISI CE,UKCA,BNEC,CCC,RoM,KC,TISI
	Connected IT DALI-Non isolated (DALI)	NEW! IT DALI 40/220-240/450 D LT2 L NEW! IT DALI 75/220-240/550 D LT2 L NEW! IT DALI 100/220-240/800 D LT2 L	4062172380096 4062172380119 4062172380133	DALI DALI DALI	Yes Yes Yes	Non-isolated Non-isolated Non-isolated	5.4-40 18-75 27-100	220-240 220-240 220-240	54-240 90-240 90-240	100-450 200-550 300-800	92 94 94	<4 <4 <4	>0.97 ≥0.98 ≥0.98	<10 <10 <10	280x30x21 280x30x21 280x30x21	-25...+60 -25...+50 -25...+50	75 75 75	50K ⁽¹⁾ /100K ⁽²⁾ 50K ⁽¹⁾ /100K ⁽²⁾ 50K ⁽¹⁾ /100K ⁽²⁾	IP20 IP20 IP20	Yes Yes Yes	I I I	N/A			

授权合作伙伴：

CHN/版本号/2024/05 本手册仅作市场宣传，如有更改，恕不另行通知。具体参数及规格，请以产品说明书为准。

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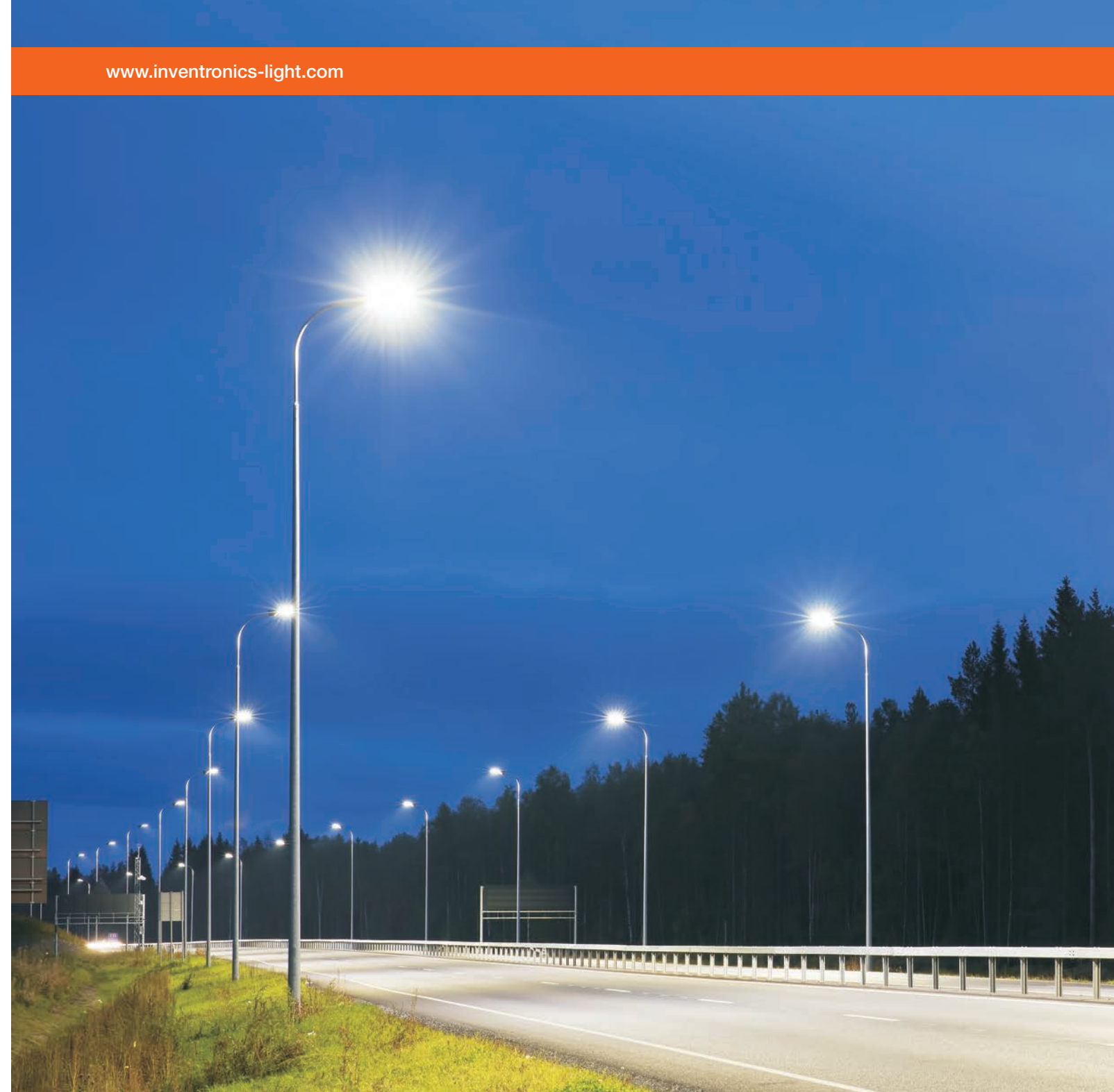


inventronics

OSRAM Outdoor Constant Current LED Drivers 欧司朗户外恒流LED驱动电源

05/2024

OSRAM



OSRAM Outdoor Constant Current LED Drivers 欧司朗户外恒流LED驱动电源

Product Family 系列	Product Name 产品名称	EAN10 订货号	Dimming Method 调光方式	Input Voltage 输入电压 [V]	Output Power 输出功率 [W]	Output Voltage 输出电压 [V]	Output Current 输出电流 [mA]	Max Efficiency 效率 (max.)[%]	Ripple current 纹波电流[%]	Surge Protection 浪涌保护 [KV]	Power Factor 功率因数	THD 总谐波	Dimmable Range 调光范围	Dimensions 外形尺寸 (LxWxH) [mm]	Ambient temperature range 工作环境温度[°C]	Max Tc 最高温度 [°C]	Lifetime 产品寿命 [h]	IP Rating IP防护等级	Installation 安装方式	Substrate Protection Class 适用灯具防护等级	Input&Output Connection Type 输入&输出连接方式	Programmer Tool 编程工具	Certificates & Approbations 认证	Standard pack 标准包装 [pcs.]	
	OT DEXAL LT2 D4i	OT DX 40/220-240/1A0 DIMA LT2E	4052899999664	DEXAL/D4/DALI/AstroDIM/Step-dim	220-240	3-40	15-56	200-1050	89.0	<5	6 ⁹ /10 ⁹	>0.95	<10	10-100%	133x77x40	-40...+55	80	50K ¹⁰ /100K ⁹	IP20	Build-in	I/II	Push-in Terminal	DALI Magic/NFC Programmer	CE,UKCA,ENEC,CCC,EAC,BIS,KC,TISI	20
		OT DX 75/220-240/1A0 DIMA LT2E	4052899999671	DEXAL/D4/DALI/AstroDIM/Step-dim	220-240	7-75	35-115	200-1050	93.0	<5	6 ⁹ /10 ⁹	>0.95	<10	10-100%	150x90x40	-40...+55	85	50K ¹⁰ /100K ⁹	IP20	Build-in	I/II	Push-in Terminal	DALI Magic/NFC Programmer	CE,UKCA,ENEC,CCC,EAC,BIS,KC,TISI	10
		OT DX 110/220-240/1A0 DIMA LT2E	4052899999688	DEXAL/D4/DALI/AstroDIM/Step-dim	220-240	16-110	75-220	200-1050	93.0	<5	6 ⁹ /10 ⁹	>0.95	<10	10-100%	170x100x40	-40...+55	85	50K ¹⁰ /100K ⁹	IP20	Build-in	I/II	Push-in Terminal	DALI Magic/NFC Programmer	CE,UKCA,ENEC,CCC,EAC,BIS,KC,TISI	10
		OT DX 165/220-240/1A0 DIMA LT2E	4052899999695	DEXAL/D4/DALI/AstroDIM/Step-dim	220-240	26-165	130-260	200-1050	94.0	<5	6 ⁹ /10 ⁹	>0.95	<10	10-100%	170x100x40	-40...+55	90	50K ¹⁰ /100K ⁹	IP20	Build-in	I/II	Push-in Terminal	DALI Magic/NFC Programmer	CE,UKCA,ENEC,CCC,EAC,BIS,KC,TISI	10
	OT DEXAL G2 D4i+NFC	OT DX40/170-240/1A0 DIMA NFC G2 CE	4052899631649	DEXAL/D4/DALI/AstroDIM/Step-dim	170-240	3-40	15-65	150-1050	90.0	<4	6 ⁹ /10 ⁹	>0.95	<5	3-100%	133x77x40	-40...+55	75	50K ¹⁰ /100K ⁹	IP20	Build-in	I/II	Push-in Terminal	DALI Magic/NFC Programmer	CE,UKCA,ENEC,CCC,RoM,EAC,BIS,KC,TISI	18
		NEW OT DX75/170-240/1A0 DIMA NFC G2 CE	4052899631663	DEXAL/D4/DALI/AstroDIM/Step-dim	170-240	6-75	35-150	150-1050	93.0	<4	6 ⁹ /10 ⁹	>0.95	<5	3-100%	150x90x40	-40...+55	85	50K ¹⁰ /100K ⁹	IP20	Build-in	I/II	Push-in Terminal	DALI Magic/NFC Programmer	CE,UKCA,ENEC,CCC,RoM,EAC,BIS,KC,TISI	12
		NEW OT DX110/170-240/1A0 DIMA NFC G2 CE	4052899631694	DEXAL/D4/DALI/AstroDIM/Step-dim	170-240	10-110	65-230	150-1050	93.0	<4	6 ⁹ /10 ⁹	>0.95	<5	3-100%	150x90x40	-40...+55	85	50K ¹⁰ /100K ⁹	IP20	Build-in	I/II	Push-in Terminal	DALI Magic/NFC Programmer	CE,UKCA,ENEC,CCC,RoM,EAC,BIS,KC,TISI	12
		NEW OT DX165/170-240/1A0 DIMA NFC G2 CE	4052899631717	DEXAL/D4/DALI/AstroDIM/Step-dim	170-240	14-165	90-260	150-1050	94.0	<4	6 ⁹ /10 ⁹	>0.95	<5	3-100%	150x90x40	-40...+55	95	50K ¹⁰ /100K ⁹	IP20	Build-in	I/II	Push-in Terminal	DALI Magic/NFC Programmer	CE,UKCA,ENEC,CCC,RoM,EAC,BIS,KC,TISI	12
		NEW OT DX200/170-240/1A0 DIMA NFC G2 CE	4052899631731	DEXAL/D4/DALI/AstroDIM/Step-dim	170-240	21-200	140-300	150-1050	93.0	<4	6 ⁹ /10 ⁹	>0.95	<5	3-100%	170x100x40	-40...+55	90	50K ¹⁰ /100K ⁹	IP20	Build-in	I/II	Push-in Terminal	DALI Magic/NFC Programmer	CE,UKCA,ENEC,CCC,RoM,EAC,BIS,KC,TISI	8
	OT 4DIM G2 CE LEDSET-2	OT 20/170...240/1A0 4DIMLT2 G2 CE	4052899981928	DALI/StepDIM/AstroDIM/MainsDIM	170-240	2-22	10-38	200-1050	87.0	<5	6 ⁹ /10 ⁹	>0.95	<10	10-100%	123x79x33	-40...+60	75	50K ¹⁰ /100K ⁹	IP20	Build-in	I/II	Push-in Terminal	DALI Magic/NFC Programmer	CE,UKCA,ENEC,CCC,RoM,EAC,BIS,KC,TISI	20
		OT 40/170...240/1A0 4DIMLT2 G2 CE	4052899981935	DALI/StepDIM/AstroDIM/MainsDIM	170-240	3-40	15-56	200-1050	90.0	<5	6 ⁹ /10 ⁹	>0.95	<10	10-100%	123x79x33	-40...+60	80	50K ¹⁰ /100K ⁹	IP20	Build-in	I/II	Push-in Terminal	DALI Magic/NFC Programmer	CE,UKCA,ENEC,CCC,RoM,EAC,BIS,KC,TISI	20
		OT 75/170...240/1A0 4DIMLT2 G2 CE	4052899981942	DALI/StepDIM/AstroDIM/MainsDIM	170-240	7-75	35-115	200-1050	93.0	<5	6 ⁹ /10 ⁹	>0.95	<10	10-100%	133x77x40	-40...+55	80	50K ¹⁰ /100K ⁹	IP20	Build-in	I/II	Push-in Terminal	DALI Magic/NFC Programmer	CE,UKCA,ENEC,CCC,RoM,EAC,BIS,KC,TISI	20
		OT 110/170...240/1A0 4DIMLT2 G2 CE	4052899981959	DALI/StepDIM/AstroDIM/MainsDIM	170-240	16-110	80-220	200-1050	93.0	<5	6 ⁹ /10 ⁹	>0.95	<10	10-100%	150x90x40	-40...+55	85	50K ¹⁰ /100K ⁹	IP20	Build-in	I/II	Push-in Terminal	DALI Magic/NFC Programmer	CE,UKCA,ENEC,CCC,RoM,EAC,BIS,KC,TISI	20
		OT 165/170...240/1A0 4DIMLT2 G2 CE	4062172053952	DALI/StepDIM/AstroDIM/MainsDIM	170-240	26-165	130-260	200-1050	93.5	<5	6 ⁹ /10 ⁹	>0.98	<7	10-100%	170x100x40	-40...+55	90	50K ¹⁰ /100K ⁹	IP20	Build-in	I/II	Push-in Terminal	DALI Magic/NFC Programmer	CE,UKCA,ENEC,CCC,RoM,EAC,BIS,KC,TISI	20
	OT 4DIM G3 CE NFC+LEDSET-2	OT 20/170-240/1A0 4DIM NFC G3 CE	4062172218917	DALI/StepDIM/AstroDIM/MainsDIM	170-240	2-22	10-38	150-1050	87.0	<4	6 ⁹ /10 ⁹	≥0.95	<10	10-100%	123x79x33	-40...+60	75	50K ¹⁰ /100K ⁹	IP20	Build-in	I/II	Push-in Terminal	DALI Magic/NFC Programmer	CE,UKCA,ENEC,CCC,RoM,EAC,TISI	18
		NEW OT 40/170-240/0A7 4DIM NFC G3 CE	4062172218931	DALI/StepDIM/AstroDIM/MainsDIM	170-240	5-40	30-77	150-700	90.0	<4	6 ⁹ /10 ⁹	≥0.95	<10	10-100%	123x79x33	-40...+60	80	50K ¹⁰ /100K ⁹	IP20	Build-in	I/II	Push-in Terminal	DALI Magic/NFC Programmer	CE,UKCA,ENEC,CCC,RoM,EAC,TISI	18
		NEW OT 40/170-240/1A0 4DIM NFC G3 CE	4062172218955	DALI/StepDIM/AstroDIM/MainsDIM	170-240	3-40	15-56	150-1050	90.0	<4	6 ⁹ /10 ⁹	≥0.95	<10	10-100%	123x79x33	-40...+60	80	50K ¹⁰ /100K ⁹	IP20	Build-in	I/II	Push-in Terminal	DALI Magic/NFC Programmer	CE,UKCA,ENEC,CCC,RoM,EAC,TISI	18
		NEW OT 75/170-240/0A7 4DIM NFC G3 CE	4062172218979	DALI/StepDIM/AstroDIM/MainsDIM	170-240	8-75	50-150	150-700	92.0	<4	6 ⁹ /10 ⁹	≥0.95	<10	10-100%	123x79x33	-40...+55	85	50K ¹⁰ /100K ⁹	IP20	Build-in	I/II	Push-in Terminal	DALI Magic/NFC Programmer	CE,UKCA,ENEC,CCC,RoM,EAC,TISI	18
		NEW OT 75/170-240/1A0 4DIM NFC G3 CE	4062172218993	DALI/StepDIM/AstroDIM/MainsDIM	170-240	5-75	35-115	150-1050	92.0	<4	6 ⁹ /10 ⁹	≥0.95	<10	10-100%	123x79x33	-40...+55	90	50K ¹⁰ /100K ⁹	IP20	Build-in	I/II	Push-in Terminal	DALI Magic/NFC Programmer	CE,UKCA,ENEC,CCC,RoM,EAC,TISI	18
		NEW OT 75/170-240/1A5 4DIM NFC G3 CE	4062172219013	DALI/StepDIM/AstroDIM/MainsDIM	170-240	9-75	25-75	350-1500	92.0	<4	6 ⁹ /10 ⁹	≥0.98	<10	10-100%	133x77x40	-40...+60	85	50K ¹⁰ /100K ⁹	IP20	Build-in	I/II	Push-in Terminal	DALI Magic/NFC Programmer	CE,UKCA,ENEC,CCC,RoM,EAC,TISI	18
		NEW OT 110/170-240/1A0 4DIM NFC G3 CE	4062172219037	DALI/StepDIM/AstroDIM/MainsDIM	170-240	12-110	80-220	150-700	93.0	<4	6 ⁹ /10 ⁹	≥0.98	<10	10-100%	133x77x40	-40...+55	85	50K ¹⁰ /100K ⁹	IP20	Build-in	I/II	Push-in Terminal	DALI Magic/NFC Programmer	CE,UKCA,ENEC,CCC,RoM,EAC,TISI	18
		NEW OT 110/170-240/0A7 4DIM NFC G3 CE	4062172219051	DALI/StepDIM/AstroDIM/MainsDIM	170-240	8-110	55-157	150-1050	93.0	<4	6 ⁹ /10 ⁹	≥0.98	<10	10-100%	133x77x40	-40...+55	85	50K ¹⁰ /100K ⁹	IP20	Build-in	I/II	Push-in Terminal	DALI Magic/NFC Programmer	CE,UKCA,ENEC,CCC,RoM,EAC,TISI	18
		NEW OT 165/170-240/1A0 4DIM NFC G3 CE	4062172219075	DALI/StepDIM/AstroDIM/MainsDIM	170-240	10-165	90-260	150-1050	93.5	<4	6 ⁹ /10 ⁹	≥0.98	<10	10-100%	150x90x40	-40...+55	90	50K ¹⁰ /100K ⁹	IP20	Build-in	I/II	Push-in Terminal	DALI Magic/NFC Programmer	CE,UKCA,ENEC,CCC,RoM,EAC,TISI	12
		NEW OT 200/170-240/1A0 4DIM NFC G3 CE	4062172219105	DALI/StepDIM/AstroDIM/MainsDIM	170-240	21-200	140-300	150-1050	93.5	<4	6 ⁹ /10 ⁹	≥0.98	<10	10-100%	170x100x40	-40...+55	95	50K ¹⁰ /100K ⁹	IP20	Build-in	I/II	Push-in Terminal	DALI Magic/NFC Programmer	CE,UKCA,ENEC,CCC,RoM,EAC,TISI	8
	IT DALI E	IT DALI 20/220-240/1A0 E	4052899620254	DALI/AstroDIM	220-240	6-20	15-29	350-1050	84	<5	6 ⁹ /10 ⁹	>0.95	<10	10-100%	103x67x30	-40...+70	75	50K ⁹ /100K ⁸	IP20	Build-in	I/II	Push-in Terminal	DALI Magic	CE,UKCA,ENEC,CCC,EAC,BIS,KC	20
		IT DALI 40/220-240/1A0 E	4052899620261	DALI/AstroDIM	220-240	11-40	29-57	350-1050	86	<5	6 ⁹ /10 ⁹	>0.95	<10	10-100%	103x67x30	-40...+65	85	50K ⁹ /100K ⁸	IP20	Build-in	I/II	Push-in Terminal	DALI Magic	CE,UKCA,ENEC,CCC,RoM,EAC,TISI	20
		IT DALI 75/220-240/1A0 E	4052899620278	DALI/AstroDIM	220-240	20-75	55-107	350-1050	92	<5	6 ⁹ /10 ⁹	>0.95	<10	10-100%	123x79x33	-40...+60	100	50K ⁹ /100K ⁸	IP20	Build-in	I/II	Push-in Terminal	DALI Magic	CE,UKCA,ENEC,CCC,EAC,BIS,KC	20
		IT DALI 110/220-240/1A0 E	4052899620285	DALI/AstroDIM	220-240	27-110	75-157	350-1050	92.5	<5	6 ⁹ /10 ⁹	>0.95	<10	10-100%	133x77x40	-40...+60	90	50K ⁹ /100K ⁸	IP20	Build-in	I/II	Push-in Terminal	DALI Magic	CE,UKCA,ENEC,CCC,EAC,BIS,KC	20
		IT DALI 150/220-240/1A0 E	4052899620292	DALI/AstroDIM	220-240	39-150	110-214	350-1050	92.5	<5	6 ⁹ /10 ⁹	>0.95	<10	10-100%	150x90x40	-40...+55	85	5							

OSRAM Outdoor Constant Current LED Drivers 欧司朗户外恒流LED驱动电源

Product Family 系列	Product Name 产品名称	EAN10 订货号	Dimming method 调光方式	Input Voltage 输入电压 [V]	Output Power 输出功率 [W]	Output Voltage 输出电压 [V]	Output Current 输出电流 [mA]	Max Efficiency 效率 (max.)[%]	Ripple current @100Hz 纹波电流[%]	Surge Protection 浪涌保护 [kV]	Power Factor 功率 因数	THD 总谐波	Dimmable Range 调光范围	Dimensions 外形尺寸 (LxWxH) [mm]	Ambient temperature range 工作环境温度[°C]	Max Tc 最高温度 [°C]	Lifetime 产品寿命 [h]	IP Rating IP防护 等级	Installation 安装方式	Suitable Luminaire Protection Class 适用灯具 防护等级	Input&Output Connection Type 输入&输出 连接方式	Programmer Tool 编程工具	Certificates & Approbations 认证	Standard pack 标准包装 [pcs.]			
	Simple Dim (AstroDIM)	OT 1 DIM	Phase out	OT 60/220...240/1A4 1DIMA P7	4052899495012	AstroDIM	220-240	30-60	36-86	700-1400	89.0	<5	6 [®] /10 [®]	>0.97	<10	25-100%	138x82x37	-40...+55	85	50K ⁽¹⁾ /100K ^(®)	IP67	Independent	I/II	Lead wire	NFC Programmer	CE,UKCA,ENEC,CCC,KC	20
		Astro P7	Phase out	OT 100/220...240/1A4 1DIMA P7	4052899495036	AstroDIM	220-240	50-100	61-144	700-1400	91.0	<5	6 [®] /10 [®]	>0.98	<10	25-100%	174.4x68.6x37	-40...+55	85	50K ⁽¹⁾ /100K ^(®)	IP67	Independent	I	Lead wire	NFC Programmer	CE,UKCA,ENEC,CCC,KC	10
		NFC	Phase out	OT 150/220...240/1A4 1DIMA P7	4052899495050	AstroDIM	220-240	75-150	91-214	700-1400	92.0	<5	6 [®] /10 [®]	>0.97	<10	25-100%	214.4x68.6x37	-40...+55	85	50K ⁽¹⁾ /100K ^(®)	IP67	Independent	I	Lead wire	NFC Programmer	CE,UKCA,ENEC,CCC,KC	10
			Phase out	OT 200/220...240/1A4 1 DIMA P7	4052899495074	AstroDIM	220-240	100-200	121-286	700-1400	93.0	<5	6 [®] /10 [®]	>0.98	<10	25-100%	226.2x68.6x37	-40...+55	90	50K ⁽¹⁾ /100K ^(®)	IP67	Independent	I	Lead wire	NFC Programmer	CE,UKCA,ENEC,CCC,KC	10
		OT 1 DIM	Phase out	OT 60/220...240/1A4 1DIMA P7 WP	4052899495128	AstroDIM	220-240	30-60	36-86	700-1400	89.0	<5	6 [®] /10 [®]	>0.97	<10	25-100%	138x82x37	-40...+55	85	50K ⁽¹⁾ /100K ^(®)	IP67	Independent	I/II	Lead wire/M15 connector	NFC Programmer	CE,UKCA,ENEC,CCC,KC	20
		Astro P7	Phase out	OT 100/220...240/1A4 1DIMA P7 WP	4052899495173	AstroDIM	220-240	50-100	61-144	700-1400	91.0	<5	6 [®] /10 [®]	>0.98	<10	25-100%	174.4x68.6x37	-40...+55	85	50K ⁽¹⁾ /100K ^(®)	IP67	Independent	I	Lead wire/M15 connector	NFC Programmer	CE,UKCA,ENEC,CCC,KC	10
		WP NFC	Phase out	OT 150/220...240/1A4 1DIMA P7 WP	4052899495197	AstroDIM	220-240	75-150	91-214	700-1400	92.0	<5	6 [®] /10 [®]	>0.97	<10	25-100%	214.4x68.6x37	-40...+55	85	50K ⁽¹⁾ /100K ^(®)	IP67	Independent	I	Lead wire/M15 connector	NFC Programmer	CE,UKCA,ENEC,CCC,KC	10
			Phase out	OT 200/220...240/1A4 1 DIMA P7 WP	4052899495210	AstroDIM	220-240	100-200	121-286	700-1400	93.0	<5	6 [®] /10 [®]	>0.98	<10	25-100%	226.2x68.6x37	-40...+55	90	50K ⁽¹⁾ /100K ^(®)	IP67	Independent	I	Lead wire/M15 connector	NFC Programmer	CE,UKCA,ENEC,CCC,KC	10
	OT 1 DIM G1 CE NFC+LEDSET-2	Phase out	OT 20/170...240/1A0 1DIMLT2 G1 CE	4052899517400	AstroDIM	170-240	2-22	10-38	200-1050	87.0	<5	6 [®] /8 [®]	0.95	<10	10-100%	123x79x33	-40...+60	75	50K ⁽¹⁾	IP20	Build-in	I/II	Push-in Terminal	NFC Programmer	CE,UKCA,ENEC,CCC,EAC,BIS,TSI	20	
		Phase out	OT 40/170...240/1A0 1DIMLT2 G1 CE	4052899517424	AstroDIM	170-240	3-40	15-56	200-1050	90.0	<5	6 [®] /8 [®]	0.95	<10	10-100%	123x79x33	-40...+60	80	50K ⁽¹⁾	IP20	Build-in	I/II	Push-in Terminal	NFC Programmer	CE,UKCA,ENEC,CCC,EAC,BIS,TSI	20	
		Phase out	OT 75/170...240/1A0 1DIMLT2 G1 CE	4052899541092	AstroDIM	170-240	7-75	35-115	200-1050	93.0	<5	6 [®] /10 [®]	0.98	<5	10-100%	123x77x40	-40...+60	80	50K ⁽¹⁾	IP20	Build-in	I/II	Push-in Terminal	NFC Programmer	CE,UKCA,ENEC,CCC,EAC,BIS,TSI	20	
		Phase out	OT 110/170...240/1A0 1DIMLT2 G1 CE	4052899541115	AstroDIM	170-240	16-110	80-220	200-1050	93.0	<5	6 [®] /10 [®]	0.97	<5	10-100%	150x90x40	-40...+55	85	50K ⁽¹⁾	IP20	Build-in	I/II	Push-in Terminal	NFC Programmer	CE,UKCA,ENEC,CCC,EAC,BIS,TSI	10	
	Simple Dim (1 - 10V)	OT 1 DIM G1 CE	Phase out	OT 75/220...240/1A0 1DIM G2 CE	4052899605367	AstroDIM	220-240	7-75	35-115	200-1050	92.0	<5	6 [®] /10 [®]	>0.98	<5	10-100%	133x77x40	-40...+55	85	50K ⁽²⁾ /100K ^(®)	IP20	Build-in	I/II	Push-in Terminal	NFC Programmer	CE,UKCA,ENEC,CCC,EAC,BIS,TSI	10
		NFC	Phase out	OT 165/220...240/1A0 1DIM G2 CE	4052899605381	AstroDIM	220-240	26-165	130-260	200-1050	93.0	<5	6 [®] /10 [®]	>0.98	<5	10-100%	150x90x40	-40...+55	90	50K ⁽²⁾ /100K ^(®)	IP20	Build-in	I/II	Push-in Terminal	NFC Programmer	CE,UKCA,ENEC,CCC,EAC,BIS,TSI	10
	OT 1 DIM G3 CE NFC+LEDSET-2	NEW	OT 20/170-240/1A0 1DIM NFC G3 CE	4052899631861	AstroDIM	170-240	2-22	10-38	150-1050	87.0	<4	6 [®] /10 [®]	≥0.95	<5	10-100%	123x79x33	-40...+60	75	50K ⁽¹⁾ /100K ^(®)	IP20	Build-in	I/II	Push-in Terminal	NFC Programmer	CE,UKCA,ENEC,CCC,ROM,EAC,BIS,TSI	18	
		NEW	OT 40/170-240/0A7 1DIM NFC G3 CE	4052899631878	AstroDIM	170-240	5-40	30-77	150-700	90.0	<4	6 [®] /10 [®]	≥0.95	<5	10-100%	123x79x33	-40...+60	80	50K ⁽¹⁾ /100K ^(®)	IP20	Build-in	I/II	Push-in Terminal	NFC Programmer	CE,UKCA,ENEC,CCC,ROM,EAC,BIS,TSI	18	
		NEW	OT 40/170-240/1A0 1DIM NFC G3 CE	4052899631885	AstroDIM	170-240	3-40	15-56	150-1050	90.0	<4	6 [®] /10 [®]	≥0.95	<5	10-100%	123x79x33	-40...+60	80	50K ⁽¹⁾ /100K ^(®)	IP20	Build-in	I/II	Push-in Terminal	NFC Programmer	CE,UKCA,ENEC,CCC,ROM,EAC,BIS,TSI	18	
		NEW	OT 75/170-240/0A7 1DIM NFC G3 CE	4052899631892	AstroDIM	170-240	8-75	50-150	150-700	92.0	<4	6 [®] /10 [®]	≥0.95	<5	10-100%	123x79x33	-40...+55	90	50K ⁽¹⁾ /100K ^(®)	IP20	Build-in	I/II	Push-in Terminal	NFC Programmer	CE,UKCA,ENEC,CCC,ROM,EAC,BIS,TSI	18	
		NEW	OT 75/170-240/1A0 1DIM NFC G3 CE	4052899631908	AstroDIM	170-240	5-75	35-115	150-1050	92.0	<4	6 [®] /10 [®]	≥0.95	<5	10-100%	123x79x33	-40...+55	90	50K ⁽¹⁾ /100K ^(®)	IP20	Build-in	I/II	Push-in Terminal	NFC Programmer	CE,UKCA,ENEC,CCC,ROM,EAC,BIS,TSI	18	
		NEW	OT 110/170-240/0A7 1DIM NFC G3 CE	4052899631915	AstroDIM	170-240	12-110	80-220	150-700	93.0	<4	6 [®] /10 [®]	≥0.98	<5	10-100%	133x77x40	-40...+55	80	50K ⁽¹⁾ /100K ^(®)	IP20	Build-in	I/II	Push-in Terminal	NFC Programmer	CE,UKCA,ENEC,CCC,ROM,EAC,BIS,TSI	18	
		NEW	OT 110/170-240/1A0 1DIM NFC G3 CE	4052899631922	AstroDIM	170-240	8-110	55-157	150-1050	93.0	<4	6 [®] /10 [®]	≥0.98	<5	10-100%	133x77x40	-40...+55	85	50K ⁽¹⁾ /100K ^(®)	IP20	Build-in	I/II	Push-in Terminal	NFC Programmer	CE,UKCA,ENEC,CCC,ROM,EAC,BIS,TSI	18	
		NEW	OT 165/170-240/1A0 1DIM NFC G3 CE	4052899631939	AstroDIM	170-240	10-165	90-260	150-1050	94.0	<4	6 [®] /10 [®]	≥0.98	<5	10-100%	150x90x40	-40...+55	90	50K ⁽¹⁾ /100K ^(®)	IP20	Build-in	I/II	Push-in Terminal	NFC Programmer	CE,UKCA,ENEC,CCC,ROM,EAC,BIS,TSI	12	
		OT DIM P7 IP67	Phase out	OT 100/220-240/2A8 DIM P7	4062172087230	1-10V	220-240	10-100	27-48	1500-2800	90.5	<5	6 [®] /10 [®]	>0.95	<5	10-100%	167x60x35	-40...+55	90	50K ⁽²⁾ /100K ^(®)	IP67	Independent	I	Lead wire	Potentiometer	CE,UKCA,ENEC,CCC,KC	15
			Phase out	OT 150/220-240/4A2 DIM P7	4062172087254	1-10V	220-240	15-150	27-48	2200-4200	93.5	<5	6 [®] /10 [®]	>0.95	<5	10-100%	188x60x35	-40...+55	90	50K ⁽²⁾ /100K ^(®)	IP67	Independent	I	Lead wire	Potentiometer	CE,UKCA,ENEC,CCC,KC	15
Phase out			OT 200/220-240/5A6 DIM P7	4062172087278	1-10V	220-240	20-200	27-48	2900-5600	93.5	<5	6 [®] /10 [®]	>0.95	<5	10-100%	213x60x35	-40...+55	90	50K ⁽²⁾ /100K ^(®)	IP67	Independent	I	Lead wire	Potentiometer	CE,UKCA,ENEC,CCC,KC	15	
OT DIM P6 IP66			OT 20/120-277/400 DIM P6	4062172343688	1-10V	120-277	9-20	36-50	250-400	85.0	<3	4 [®] /6 [®]	>0.95	<10	10-100%	115x65x33	-40...+65	75	50K	IP66	Independent	II	Lead wire	Potentiometer	CE,UKCA,ENEC,CCC,ROM	20	
			OT 30/120-277/850 DIM P6	4062172198684	1-10V	120-277	15-30	27-54	400-850	87	<3	4 [®] /6 [®]	>0.95	<5	10-100%	105x63x33	-40...+55	90	50K ⁽³⁾	IP66							

Surge Protection Device 抗浪涌保护器

Product Family 系列	Product Name 产品名称	EAN10 订货号	Max. continuous operating voltage Uc (L-N) 最大连续输入 工作电压 [V]	Open-circuit Voltage Uoc 额定开路电压 (冲击电压) [kV]	Nominal Discharge Current In (L-N) 额定可承载 冲击电流 [kA]	Nominal Discharge Current In (L-GND) 额定可承载 冲击电流 [kA]	Nominal Discharge Current In (N-GND) 额定可承载 冲击电流 [kA]	Max. Voltage Protection Level At in (L-N) Up (L-GND) 最大限制电压 [kV]	Max. Voltage Protection Level At in (L-GND) Up (L-GND) 最大限制电压 [kV]	Max. Voltage Protection Level At in (N-GND) Up (N-GND) 最大限制电压 [kV]	Max. Over Current Protection 最大过电 流保护值 [A]	Max Earth Leakage Current At Uc 最大对地 漏电流 [μA]	Nominal Current 额定工 作电流 [A]	Max Discharge current (Imax) 最大放电 电流 [kA]	Power Consumption @ System loading 功耗 [%]	Dimensions 外形尺寸 (LxWxH) [mm]	Ambient temperature range 工作环境 温度范围 [°C]	Max Tc Tc点 最高 温度 [°C]	Classification acc. IEC 61643-11 产品类别- 基于 IEC 61643-11	Classification of installation 安装方式	IP Rating 防护 等级	Suitable Luminaire Protection Class 适用灯具 防护等级	Connection Type 连接方式	Certificates & Approbations 认证	
	SPD G1 <i>Phase out</i>	SPD 10 / 275 P5	4052899549821	275	10	5	5	1.5	2	2	15	50	4	7.5	0.1	70.5x42.5x33	-40...+70	80	T3	Built in	65	I/II	Lead wire	CE,VDE,TUV,CQC	
	<i>Phase out</i>	SPD 15 / 275 P5	4052899549845	275	15	7.5	7.5	1.5	2	2	15	50	4	10	0.1	70.5x42.5x33	-40...+70	80	T3	Built in	65	I/II	Lead wire	CE,VDE,TUV,CQC	
	SPD ClassII <i>Phase out</i>	SPD 10 / 275 / D	4062172110037	275	10	5	N/A	N/A	1.5	N/A	15	50	4	7.5	0.1	86.5x33.5x33	-40...+70	80	T3	Built in	20	II	Push-in terminal	CE,VDE,TUV	
	<i>Phase out</i>	SPD 15 / 275 / D	4062172110013	275	15	7.5	N/A	N/A	1.5	N/A	N/A	15	50	4	10	0.1	86.5x33.5x33	-40...+70	80	T3	Built in	20	II	Push-in terminal	CE,VDE,TUV
	SPD G2	SPD 10/275 G2	4062172145381	275	10	5	5	1.5	2	2	15	50	4	10	0.1	61.5x37.5x33	-40...+70	80	T3	Built in	20	I/II	Push-in terminal	CE,VDE,TUV	
		SPD 15/275 G2	4062172145428	275	15	7.5	5	5	1.5	2	2	15	50	4	15	0.1	61.5x37.5x33	-40...+70	80	T3	Built in	20	I/II	Push-in terminal	CE,VDE,TUV
		SPD 20/275 G2	4062172145466	275	20	10	7.5	1.5	2	2	15	50	4	20	0.1	61.5x37.5x33	-40...+70	80	T3	Built in	20	I/II	Push-in terminal	CE,VDE,TUV	
		SPD 10/275 P5 G2	4062172145404	275	10	5	5	5	1.5	2	2	15	50	4	10	0.1	61.5x37.5x33	-40...+70	80	T3	Built in	65	I/II	Lead wire	CE,VDE,TUV
		SPD 15/275 P5 G2	4062172145442	275	15	7.5	5	5	1.5	2	2	15	50	4	15	0.1	61.5x37.5x33	-40...+70	80	T3	Built in	65	I/II	Lead wire	CE,VDE,TUV
		SPD 20/275 P5 G2	4062172145480	275	20	10	7.5	7.5	1.5	2	2	15	50	4	20	0.1	61.5x37.5x33	-40...+70	80	T3	Built in	65	I/II	Lead wire	CE,VDE,TUV
	SPD G3 <i>NEW!</i>	SPD10/320 G3	6977078992695	320	10	5	5	5	1.5	2	2	15	50	5	10	0.1	60.5x40.5x17	-40...+80	85	T2+T3	Built in	20	I/II	Push-in terminal	CE,VDE,TUV
	<i>NEW!</i>	SPD20/320 G3	6977078992725	320	20	10	7.5	7.5	1.8	2	2	15	50	5	20	0.1	60.5x40.5x17	-40...+80	85	T2+T3	Built in	20	I/II	Push-in terminal	CE,VDE,TUV
	<i>NEW!</i>	SPD10/320 P5 G3	6977078992749	320	10	5	5	5	1.5	2	2	15	50	5	10	0.1	60.5x40.5x20	-40...+80	85	T2+T3	Built in	65	I/II	Lead wire	CE,VDE,TUV
	<i>NEW!</i>	SPD20/320 P5 G3	6977078992763	320	20	10	7.5	7.5	1.8	2	2	15	50	5	20	0.1	60.5x40.5x20	-40...+80	85	T2+T3	Built in	65	I/II	Lead wire	CE,VDE,TUV
	<i>NEW!</i>	SPD10/320 PL P5 G3	6977078992787	320	10	5	5	5	1.5	2	2	15	50	NA	10	0.1	60.5x40.5x20	-40...+80	85	T2+T3	Built in	65	I/II	Lead wire	CE,VDE,TUV
	<i>NEW!</i>	SPD20/320 PL P5 G3	6977078992800	320	20	10	7.5	7.5	1.8	2	2	15	50	NA	20	0.1	60.5x40.5x20	-40...+80	85	T2+T3	Built in	65	I/II	Lead wire	CE,VDE,TUV
	<i>NEW!</i>	SPD10/320 D G3	6977078992824	320	10	5	5	5	1.5	2	2	15	50	5	10	0.1	60.5x40.5x17	-40...+80	85	T2+T3	Built in	20	II	Push-in terminal	CE,VDE,TUV
	<i>NEW!</i>	SPD20/320 D G3	6977078992848	320	20	10	7.5	7.5	1.8	2	2	15	50	5	20	0.1	60.5x40.5x17	-40...+80	85	T2+T3	Built in	20	II	Push-in terminal	CE,VDE,TUV

备注：
(1) 运行在最高Tc温度下的产品寿命，最大失效率为10%
(2) 运行的Tc温度比最高Tc温度低10°C下的产品寿命，最大失效率为10%
(3) L/N (线对线，差模，IEC 61547)
(4) L/PE,N/PE,LN/PE (线对地，共模，IEC 61547)
★ 认证中

Remark:
(1) At max. Tc temperature, max. failure rate of 10 %
(2) Operating at 10 °C lower than max. Tc, max. failure rate of 10 %
(3) L/N acc to. EN 61547
(4) L/PE,N/PE,LN/PE acc. IEC 61547
★ In preparation



AstroDIM
AstroDIM可提供多段时间和功率设定功能，进行降低夜间的系统功耗从而实现节能，且无需额外的外部辅助控制。根据预先设定的时间和输出功率以及电源关闭时间自动执行定点定时调光。



Constant Lumen
为确保系统的维护间隔，光照度必须在使用寿命期间达到一定的水平。由于光衰问题，为了保证使用寿命末期的照度水平，系统在一开始必须升额使用从而导致能量消耗增加。因此可通过使用恒流调光输出功能来不断调整输出从而补偿流明损失并实现节能。



0-10V
通过0-10V的接口，驱动电源可以集成工作在像欧司朗路灯等照明控制系统里。这种单向接口允许调整系统的光输出。



StepDIM
StepDIM(bi-power)模式允许驱动电源在两个输出功率间切换工作，分别是“正常”模式和“降功率”模式。在“降功率”模式中，驱动电源可以通过减少光输出来降低能耗，且光输出等级可以灵活的预先设置。



Presence-controlled
在这种调光方式中，每一个照明点的输出可以即时被外部运动感应器调整，这种感应器是通过市电连接的。这种工作方式可同时工作在AstroDIM模式下。



NFC
(近场通讯技术)这种技术可以简单便捷的通过无接触方式进行驱动电源的编程。



DALI
在DALI的模式中，驱动电源可以集成工作在一个照明控制系统，如欧司朗路灯控制系统。标准化的DALI接口允许驱动电源和照明管理系统间进行双向通信并管理，这意味着对每个灯具进行无级调光，以及状态监控和定位都能成为可能。



MainsDIM
这个功能主要与户外的电感镇流器混合使用。通过降低输入电压而减少光输出。可通过配电箱中的控制器进行电源电压的降低。

Programmer 编程工具

Product Name 产品名称	EAN10 订货号
 OT Programmer	4052899209640
Product Name 产品名称	EAN10 订货号
 DALI Magic	4052899039551

Product Name 产品名称	EAN10 订货号
 NFC Programmer PRH101-USB	4055462165152

Product Name 产品名称	EAN10 订货号
 NFC Programmer CPR30-USB	4055462165169

ProductName 产品名称	EAN10 订货号
 OT Programmer-S	4052899629172

备注：
(1) 运行在最高Tc温度下的产品寿命，最大失效率为10%
(2) 运行的Tc温度比最高Tc温度低5°C下的产品寿命，最大失效率为10%
(3) 运行的Tc温度比最高Tc温度低10°C下的产品寿命，最大失效率为10%
(4) 运行的Tc温度比最高Tc温度低15°C下的产品寿命，最大失效率为10%
(5) L/N (线对线，差模，IEC 61547)
(6) L/PE,N/PE,LN/PE (线对地，共模，IEC 61547)
(7) L/PE,N/PE,LN/PE (线对地，共模，一次脉冲，IEC 61547)

Remark:
(1) At max. Tc temperature, max. failure rate of 10 %
(2) Operating at 5 °C lower than max. Tc, max. failure rate of 10 %
(3) Operating at 10 °C lower than max. Tc, max. failure rate of 10 %
(4) Operating at 15 °C lower than max. Tc, max. failure rate of 10 %
(5) L/N acc to. IEC 61547
(6) L/PE,N/PE,LN/PE acc. IEC 61547
(7) L/PE,N/PE,LN/PE 1 strike acc. IEC 61547

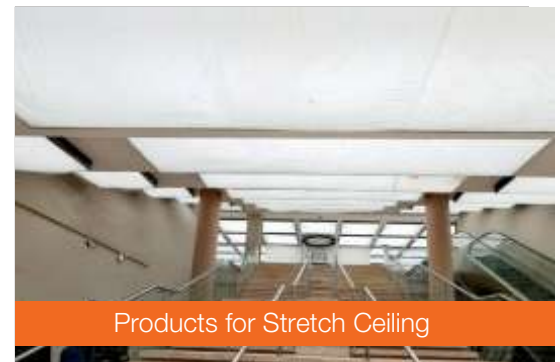
OSRAM Digital Systems is now a part of Inventronics



Products for Channel Letters



Products for Single-Sided light boxes



Products for Stretch Ceiling



Products for Double-Sided Light Boxes

Impressive Signage and Backlighting Solutions

OSRAM

Attracting attention, transforming environments: BackLED® and BoxLED® create highlights

In exterior and interior applications, Inventronics offers the most reliable and best performance product, BackLED® and BoxLED® families, to bring optimal visual experience in light boxes, channel letters and stretched ceilings.

Through continuous innovation, the advanced technology in sophisticated optics and brilliant compact module design can achieve high uniformity with precise optical control and deliver the highest design freedom to realize impressive illumination effect.





Channel letters

- Professional letter effect to strengthen brand image
- Slim letter design with ultra compact modules
- High consistency in color and brightness



Single-sided light boxes

- Homogeneous back-lighting with BackLED® technology
- High efficiency and lumen maintenance for energy saving
- Best reliability to reduce maintenance cost



Double-sided light boxes

- Homogeneous side-lighting with BoxLED® technology
- Easier installation on edges
- Best reliability to reduce maintenance cost



Stretched ceiling

- Low glare for general lighting purpose
- Flexible scene settings by changing ambience
- Human centric lighting with Tunable White solution

One-stop-shop components for optimal visual experience

A highly functional system not only requires high-performance LED modules, but also perfectly matched LED drivers, hands-on mounting accessories and an intelligent light management. For all of the above, Inventronics offers a complete portfolio, including comprehensive services and guaranteeing.

Complete systems from Inventronics: Comprehensive and reliable solutions

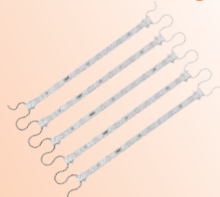
As one of the world's leading light manufacturers, Inventronics can support you during the implementation of your project: from system planning and the selection of matching components to the comprehensive product guarantee.

BackLED® for direct backlighting



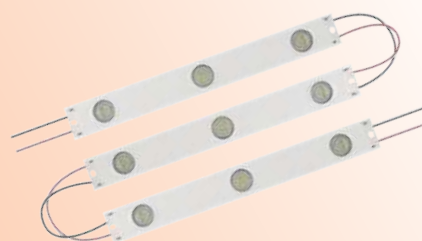
Ideally suitable for backlighting of flat and slim installation

BackLED Linear for direct backlighting



Ideally for high flux level requirement application

BoxLED® for backlighting by side injection



Designed for light boxes of various dimensions, especially for double-sided application

* Details about our terms of guarantee can be found at https://www.inventronics-light.com/Multilevel_Guarantee

Light Management Systems (LMS)



Smart light management systems for dynamic lighting scenes, human centric lighting effects and energy saving installations

OPTOTRONIC® LED drivers



Efficient constant-voltage LED drivers for 12V and 24V LED modules for indoor and outdoor areas

Service LED deSIGNer

The online tool helps calculating the necessary amount of LED modules, LED drivers and mounting profiles

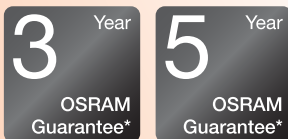
High-Performance System

Accessories Mounting profiles

Mounting profiles, matched to the individual modules for quick and easy installation: they save about 25 % time in comparison to a screw connection of individual modules

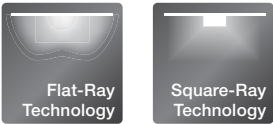


Guarantee



Comprehensive guaranteeing for best product quality and high-quality lighting systems

Innovative optics for optimal light effect



Optics improve illumination and reduce the number of required LED modules

Flat-Ray® Technology:

Optimized light distribution for optimal experience

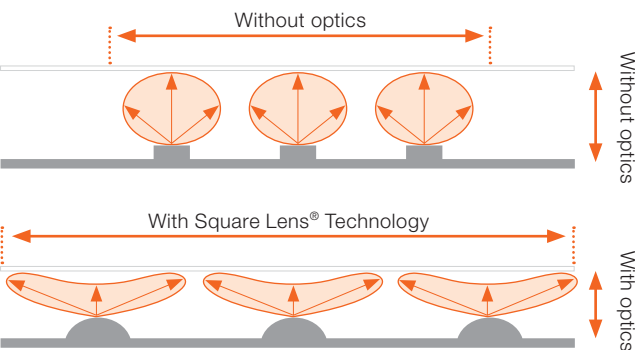
Special optics can achieve homogeneous light distribution between individual modules even when the pitch between these LEDs is large. Overall, this means less modules is required for a perfect effect, and system cost can be further optimized. Moreover, another approach is to reduce the distance between the LED module and the backlit surface, and enables a slim and compact light box design.

Square Lens® Technology:

Global patented and ideal solution for backlighting

With this premium feature from inventronics, system efficiency and light effect can be escalated to even higher level. By means of quadrant-symmetric light distribution, square lenses can achieve seamless illumination in an array and avoiding shadows appeared batwing-lens solution. This technology integrated in BackLED® Plus and CP families is an ideal solution of premium light boxes and stretched ceilings.

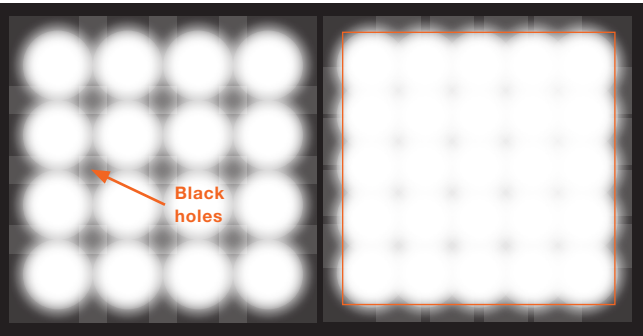
Homogeneous light distribution through OSRAM Square Lens®Technology



Installation and Design Guideline

Module Solution	Recommendation		
	Installation Min. Depth (mm)	Module Pitch (mm)	Depth: Pitch Ratio
BackLED XL CP G5	50	88-450	1:3
BackLED L CP G5	50	55-300	1:3
BackLED M-HO CP G4	40	60-200	1:2
BackLED M- HO CP G5	35	45-200	1:2
BackLED M CP G4	40	60-200	1:2
BackLED M CP G5	35	45-200	1:2
BackLED S CP G4	40	60-135	1:2
BackLED S CP G5	35	45-135	1:2
BackLED Mini-M CP G4	25	35-75	1:1.5
BackLED Mini-S CP G4	25	20-40	1:1.5
BackLED L CX G4	80	90-200	1:1.5
BackLED ECO M G2	60	60-200	1:1.1
BackLED RGBW Plus G2	100	140-400	1:2
BackLED TW CP G5	100	88-450	1:3
Dragon Wing G1	100	110-500	1:1.5

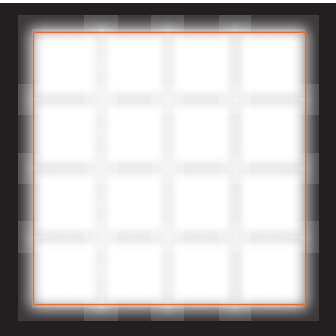
Normal lenses without special optics control



Shadow effect with black holes in 4x4 array

Improve unifomrity by adding more modules for 5x5 array in the same area

Square Lens® Technology



Homogeneous illumination without black shadow in 4x4 array

Disadvantages:

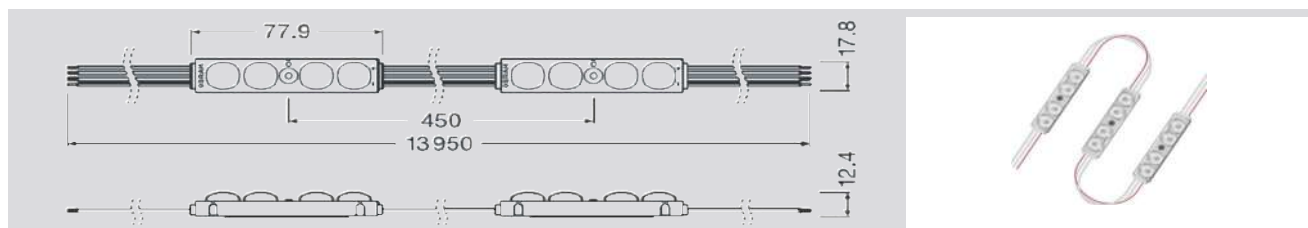
- Inhomogeneous illumincation, unless using more modules
- Highly system cost is required to achieve fairly good effect
- Higher labor cost is incurred in installation

Features:

- Homogeneous illumination, even in compact light box
- Optimized system and installation cost
- Innovative, patented lens technology from inventronics

BackLED® TW CP G5 24V

IP66



Product Description	EAN10	Color Temp (K)	Module Qty per Chain (pcs)	Module Pitch	Flux per Module (lm)	Beam Angle (°)	Voltage (V)*	Power per Module (W)	Power per Chain (W)	IP Rating	L70B50 Lifetime (khrs)	Warranty (yrs)	S-Unit
BA-TW-CP-827.865-24-G5	4052899627253	2700K-6500K	30	450	127-150	155	24	2	60	66	50	5	10

Product Features

- Tunable CCT range: 2700K to 6500K
- Type of protection (modules): IP66
- Color rendering index Ra: > 80
- High color consistency: < 3 SDCM
- CE marked, ENEC certified, UL recognized, BIS certified

Applications

- Dynamic white backlighting
- Human centric lighting
- Permanent outdoor use in enclosed light boxes
- Recommended Minimal light box depth: 150mm
- Recommended ratio of Depth : Pitch = 1 : 2

Product Benefits

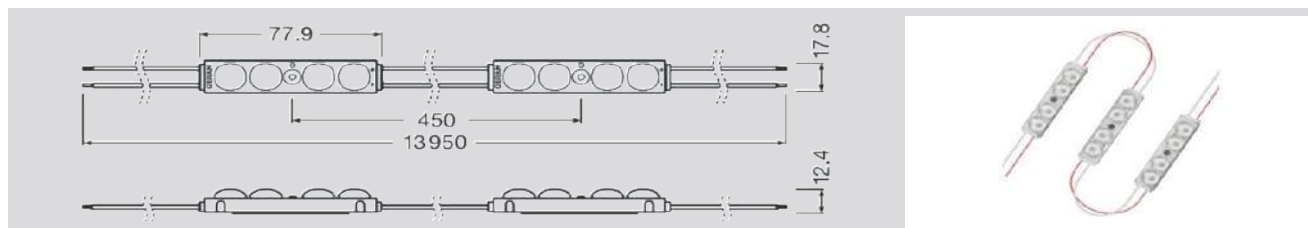
- Wide color gamut through color mixing
- 2 channels independently control
- Compatible with OTi DALI TW Constant voltage drivers
- Simple fixing with M3 screws
- High reliability with L70B50 Lifetime in 50Khrs
- 5 year guarantee

Accessories

- Mounting profile BA-MP-L-G5-2M (EAN 4052899629189)
- Cable clip BA-CLIP-L-G5 (EAN 4052899629325)
- Click and Play: quick and easy click-in of the LED modules, no tools needed

BackLED® XL CP G5 24V

IP66



Product Description	EAN10	Color	CCT (K)*	Module Qty per Chain (pcs)	Module Pitch	Flux per Module (lm)	Beam Angle (°)	Voltage (V)*	Power per Module (W)	Power per Chain (W)	IP Rating	L70B50 Lifetime (khrs)	Warranty (yrs)	S-Unit
BA-XL-CP-865-24-G5	4052899627222	Cool White	6500	30	450	274	155	24	2	60	66	50	5	10
BA-XL-CP-840-24-G5	4052899627239	Neutral White	4000	30	450	274	155	24	2	60	66	50	5	10
BA-XL-CP-830-24-G5	4062172223737	Warm White	3000	30	450	277	155	24	2	60	66	50	5	10
BA-XL-CP-827-24-G5	4052899627246	Warm White	2700	30	450	254	155	24	2	60	66	50	5	10

Product Features

- High flux output: Up to 277lm/module
- Type of protection (modules): IP66
- Color rendering index Ra: > 80
- Single bin LEDs for all CCTs
- High color consistency: < 3 SDCM
- CE marked, ENEC certified, UL recognized, BIS certified

Applications

- Backlighting of medium to large size channel letters
- Backlighting of luminous ceilings and areas
- Permanent outdoor use in enclosed light boxes
- Recommended Minimal light box depth: 100mm
- Recommended ratio of Depth : Pitch = 1 : 3

Product Benefits

- Square Lens® technology to achieve optimal uniformity
- High efficacy up to 139 lm/W for energy saving
- 1-100% Dimming operation with OT DIM, OT DALI DIM
- High reliability with L70B50 Lifetime in 50Khrs (at Tc 75 °C)
- 5 year guarantee

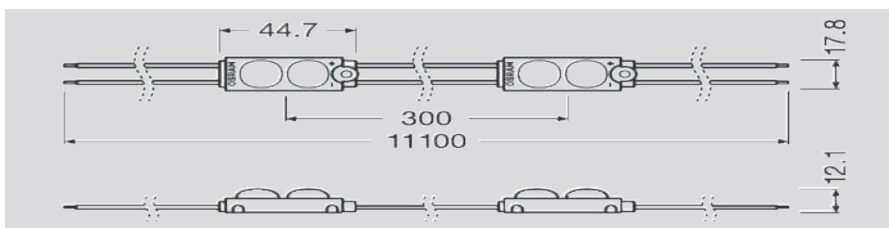
Accessories

- Mounting profile BA-MP-L-G5-2M (EAN 4052899629189)
- Cable clip BA-CLIP-L-G5 (EAN 4052899629325)
- Click and Play: quick and easy click-in of the LED modules, no tools needed

*Due to the special conditions of the manufacturing processes of LED the typical data of technical parameters can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product which could differ from the typical data;
All values are tested at Ta25 °C.

BackLED L CP G5 (24V)

IP66



Product Description	EAN10	Color	Color Temp (K)	Module Qty per Chain (pcs)	Module Pitch	Flux per Module (lm)	Beam Angle (°)	Voltage (V)*	Power per Module (W)	Power per Chain (W)	IP Rating	L70B50 Lifetime (khrs)	Warranty (yrs)	S-Unit
BA-L-CP-810-G5	4052899627390	Ultra-Cool white	10000	36	300	150	155	24	1.2	43.2	66	50	5	15
BA-L-CP-880-G5	4052899627406	Cool White	8000	36	300	150	155	24	1.2	43.2	66	50	5	15
BA-L-CP-871-G5	4052899627413	Cool White	7100	36	300	160	155	24	1.2	43.2	66	50	5	15
BA-L-CP-865-G5	4052899627420	Cool White	6500	36	300	160	155	24	1.2	43.2	66	50	5	15
BA-L-CP-840-G5	4052899627437	Neutral White	4000	36	300	160	155	24	1.2	43.2	66	50	5	15
BA-L-CP-830-G5	4052899627444	Warm White	3000	36	300	153	155	24	1.2	43.2	66	50	5	15

Product Features

- High flux output: Up to 160lm/module
- Type of protection (modules): IP66
- Color rendering index Ra: > 80
- Single bin LEDs for all CCTs
- High color consistency: < 3 SDCM
- CE marked, ENEC certified, UL recognized, BIS certified

Product Benefits

- Square Lens® technology to achieve optimal uniformity
- High efficacy up to 133 lm/W for energy saving
- 1~100% Dimming operation with OT DIM, OT DALI DIM
- High reliability with L70B50 Lifetime in 50Khrs (at Tc 75 °C)
- 5 year guarantee

Applications

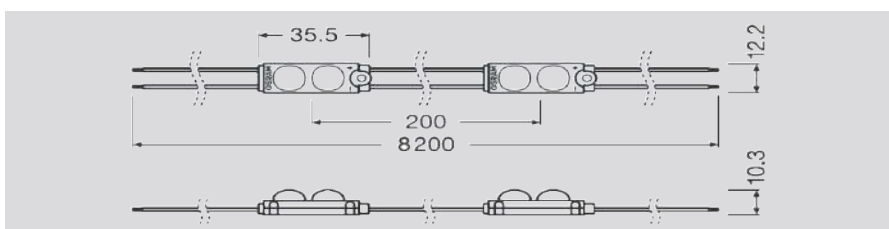
- Backlighting of medium to large size channel letters
- Backlighting of luminous ceilings and areas
- Permanent outdoor use in enclosed light boxes
- Recommended Minimal light box depth: 80mm
- Recommended ratio of Depth : Pitch = 1 : 3

Accessories

- Mounting profile BA-MP-L-G5-2M (EAN 4052899629189)
- Cable clip BA-CLIP-L-G5 (EAN 4052899629325)
- Click and Play: quick and easy click-in of the LED modules, no tools needed

BackLED M HO (24V)

IP66



Product Description	EAN10	Color	Color Temp (K)	Module Qty per Chain (pcs)	Module Pitch	Flux per Module (lm)	Beam Angle (°)	Voltage (V)*	Power per Module (W)	Power per Chain (W)	IP Rating	L70B50 Lifetime (khrs)	Warranty (yrs)	S-Unit
BA-M-HO-CP-810-24-G5	4052899627550	Ultra-Cool white	10000	40	200	124	155	24	1	40	66	50	5	30
BA-M-HO-CP-880-24-G5	4052899627567	Cool White	8000	40	200	129	155	24	1	40	66	50	5	30
BA-M-HO-CP-871-24-G5	4052899627574	Cool White	7100	40	200	133	155	24	1	40	66	50	5	30
BA-M-HO-CP-865-24-G5	4052899627581	Cool White	6500	40	200	135	155	24	1	40	66	50	5	30
BA-M-HO-CP-840-24-G5	4052899627598	Neutral White	4000	40	200	129	155	24	1	40	66	50	5	30
BA-M-HO-CP-830-24-G5	4052899627604	Warm White	3000	40	200	124	155	24	1	40	66	50	5	30

Product Features

- High flux output: Up to 135lm/module
- Type of protection (modules): IP66
- Color rendering index Ra: > 80
- Single bin LEDs for all CCTs
- High color consistency: < 3 SDCM
- CE marked, ENEC certified, UL recognized, BIS certified

Product Benefits

- Square Lens® technology to achieve optimal uniformity
- High efficacy up to 135 lm/W for energy saving
- 1~100% Dimming operation with OT DIM, OT DALI DIM
- High reliability with L70B50 Lifetime in 50Khrs (at Tc 70 °C)
- 5 year guarantee

Applications

- Backlighting of medium to large size channel letters
- Backlighting of luminous ceilings and areas
- Backlighting of medium light boxes
- Recommended Minimal light box depth: 60mm
- Recommended ratio of Depth : Pitch = 1 : 2

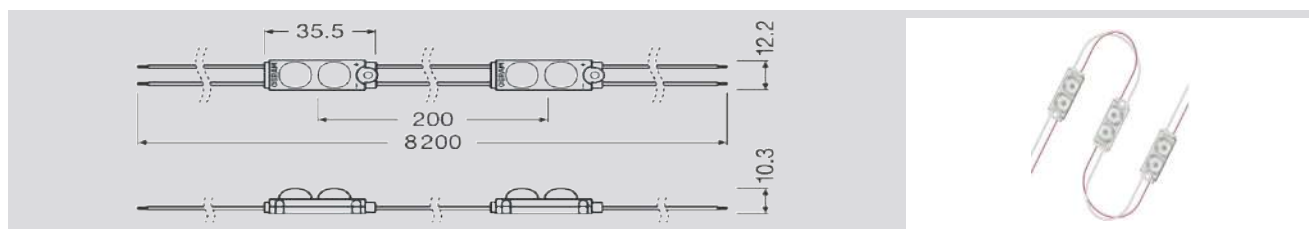
Accessories

- Mounting profile BA-MP-SM-G5-2M (EAN 4052899629196)
- Cable clip BA-CLIP-SM-G5 (EAN 4052899629349)
- Click and Play: quick and easy click-in of the LED modules, no tools needed

*Due to the special conditions of the manufacturing processes of LED the typical data of technical parameters can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product which could differ from the typical data;
All values are tested at Ta25 °C.

BackLED M CP G5 (24V)

IP66



Product Description	EAN10	Color	Color Temp (K)	Module Qty per Chain (pcs)	Module Pitch	Flux per Module (lm)	Beam Angle (°)	Voltage (V)*	Power per Module (W)	Power per Chain (W)	IP Rating	L70B50 Lifetime (khrs)	Warranty (yrs)	S-Unit
BA-M-CP-810-24-G5	4052899627734	Ultra-Cool White	10000	40	200	77	155	24	0.6	24	66	50	5	30
BA-M-CP-880-24-G5	4052899627741	Cool White	8000	40	200	77	155	24	0.6	24	66	50	5	30
BA-M-CP-871-24-G5	4052899627758	Cool White	7100	40	200	77	155	24	0.6	24	66	50	5	30
BA-M-CP-865-24-G5	4052899627765	Cool White	6500	40	200	83	155	24	0.6	24	66	50	5	30
BA-M-CP-840-24-G5	4052899627772	Neutral White	4000	40	200	80	155	24	0.6	24	66	50	5	30
BA-M-CP-830-24-G5	4052899627789	Warm White	3000	40	200	80	155	24	0.6	24	66	50	5	30

BackLED M CP G5 (24V)

Product Features

- High flux output: Up to 83lm/module
- Type of protection (modules): IP66
- Color rendering index Ra: > 80
- Single bin LEDs for all CCTs
- High color consistency: < 3 SDCM
- CE marked, ENEC certified, UL recognized, BIS certified

Applications

- Backlighting of medium to large size channel letters
- Backlighting of luminous ceilings and areas
- Backlighting of medium light boxes
- Recommended Minimal light box depth: 60mm
- Recommended ratio of Depth : Pitch = 1 : 2

Product Benefits

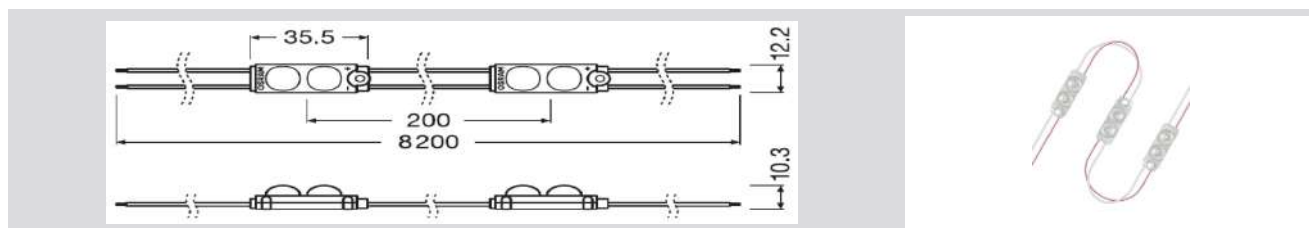
- Square Lens® technology to achieve optimal uniformity
- High efficacy up to 138 lm/W for energy saving
- 1~100% Dimming operation with OT DIM, OT DALI DIM
- High reliability with L70B50 Lifetime in 50Khrs (at Tc 70 °C)
- 5 year guarantee

Accessories

- Mounting profile BA-MP-SM-G5-2M (EAN 4052899629196)
- Cable clip BA-CLIP-SM-G5 (EAN 4052899629349)
- Click and Play: quick and easy click-in of the LED modules, no tools needed

BackLED M CP G5 HF (24V)

IP66



Product Description	EAN10	Color	Color Temp (K)	Module Qty per Chain (pcs)	Module Pitch	Flux per Module (lm)	Beam Angle (°)	Voltage (V)*	Power per Module (W)	Power per Chain (W)	IP Rating	L70B50 Lifetime (khrs)	Warranty (yrs)	S-Unit
BA-M-CP-810-24-G5-HF	4052899627888	Ultra-Cool White	10000	40	200	77	155	24	0.6	24	66	50	5	30
BA-M-CP-880-24-G5-HF	4052899627895	Cool White	8000	40	200	77	155	24	0.6	24	66	50	5	30
BA-M-CP-871-24-G5-HF	4052899627901	Cool White	7100	40	200	77	155	24	0.6	24	66	50	5	30
BA-M-CP-865-24-G5-HF	4052899627918	Cool White	6500	40	200	83	155	24	0.6	24	66	50	5	30
BA-M-CP-840-24-G5-HF	4052899627925	Neutral White	4000	40	200	80	155	24	0.6	24	66	50	5	30
BA-M-CP-830-24-G5-HF	4052899627932	Warm White	3000	40	200	80	155	24	0.6	24	66	50	5	30

Product Features

- LED chain comprising 40 LED modules connected by flexible cables
- Each LED module contains 2 LEDs
- LED module pitch variable between 60 and ~ 200 mm
- Compatible with OSRAM OPTOTRONIC constant voltage drivers / dimmers
- Color consistency in 3 SDCM
- Patented Square Lens technology
- Wide CCT and color options available
- IP66 rating
- Lifetime (L80/B10): 50,000 h (temperature at Tc= 70 °C)
- 5-year warranty @ Ta = 70 °C

Product Benefits

- High module efficacy: up to 135 lm/W
- Uniform light pattern design for 60-200 mm lightbox depth
- Backside injection technology for high protection level
- Halogen free without gas hazard
- Flammability resistance material selection fit UL-94 V0

Applications

- Channel letters
- Signage boxes
- Luminous areas and ceilings

*Due to the special conditions of the manufacturing processes of LED the typical data of technical parameters can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product which could differ from the typical data;
All values are tested at Ta25 °C.

BackLED M-HO CP G5 12V

IP66



Product Description	Nominal voltage	Nominal wattage per chain	Nominal wattage per LED module	Accidental reverse input voltage protection up to	Input voltage range	Type of current
BA-M-HO-CP -810-12-G5	12.0 V	25.00 W	1 W	13 V	12.1~12.9 V	DC
BA-M-HO-CP -830-12-G5	12.0 V	25.00 W	1 W	13 V	12.1~12.9 V	DC
BA-M-HO-CP -840-12-G5	12.0 V	25.00 W	1 W	13 V	12.1~12.9 V	DC
BA-M-HO-CP -865-12-G5	12.0 V	25.00 W	1 W	13 V	12.1~12.9 V	DC
BA-M-HO-CP -871-12-G5	12.0 V	25.00 W	1 W	13 V	12.1~12.9 V	DC
BA-M-HO-CP -880-12-G5	12.0 V	25.00 W	1 W	13 V	12.1~12.9 V	DC



Product Features

- LED chain comprising 40 LED modules connected by flexible cables
- Each LED module contains 2 LEDs
- LED module pitch variable between 60 and ~ 200 mm
- Compatible with OSRAM OPTOTRONIC constant voltage drivers / dimmers
- Color consistency in 3 SDCM
- Patented Square Lens technology
- Wide CCT and color options available
- IP66 rating
- Lifetime (L80/B10): 50,000 h (temperature at Tc= 70 °C)
- 5-year warranty @ Ta = 70 °C

Product Benefits

- High module efficacy: up to 135 lm/W
- Uniform light pattern design for 60-200 mm lightbox depth
- Backside injection technology for high protection level

Applications

- Channel letters
- Signage boxes
- Luminous areas and ceilings

BackLED M CP G5 12V

IP66



Product Description	Nominal voltage	Nominal wattage per chain	Nominal wattage per LED module	Accidental reverse input voltage protection up to	Input voltage range	Type of current
BA-M-CP -810-12-G5	12.0 V	24.00 W	0.6 W	13 V	12.1~12.9 V	DC
BA-M-CP -830-12-G5	12.0 V	24.00 W	0.6 W	13 V	12.1~12.9 V	DC
BA-M-CP -840-12-G5	12.0 V	24.00 W	0.6 W	13 V	12.1~12.9 V	DC
BA-M-CP -865-12-G5	12.0 V	24.00 W	0.6 W	13 V	12.1~12.9 V	DC
BA-M-CP -871-12-G5	12.0 V	24.00 W	0.6 W	13 V	12.1~12.9 V	DC
BA-M-CP -880-12-G5	12.0 V	24.00 W	0.6 W	13 V	12.1~12.9 V	DC



Product Features

- LED chain comprising 40 LED modules connected by flexible cables
- Each LED module contains 2 LEDs
- LED module pitch variable between 60 and ~ 200 mm
- Compatible with OSRAM OPTOTRONIC constant voltage drivers / dimmers
- Color consistency in 3 SDCM
- Patented Square Lens technology
- Wide CCT and color options available
- IP66 rating
- Lifetime (L80/B10): 50,000 h (temperature at Tc= 70 °C)
- 5-year warranty @ Ta = 70 °C

Product Benefits

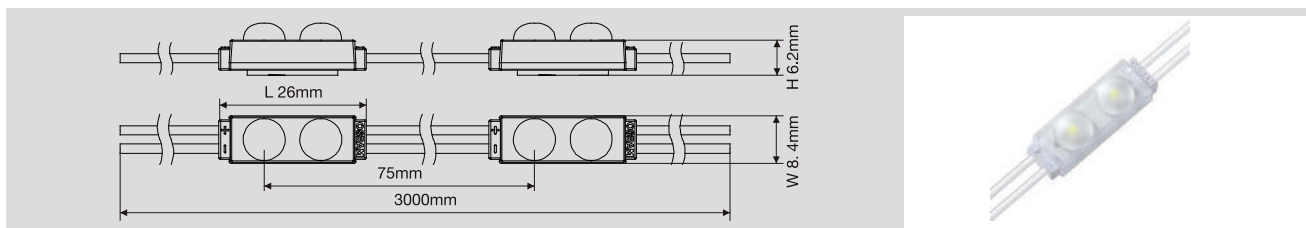
- High module efficacy: up to 135 lm/W
- Uniform light pattern design for 60-200 mm lightbox dept
- Backside injection technology for high protection level

Applications

- Channel letters
- Signage boxes
- Luminous areas and ceilings

BackLED® Mini-M CP G4 (12V)

IP66



Product Description	EAN10	Color	Wave length (nm) CCT(K)	Module Qty per Chain (pcs)	Module Pitch	Flux per Module (lm)	Beam Angle (°)	Voltage (V)*	Power per Module (W)	Power per Chain (W)	IP Rating	L70B50 Lifetime (khrs)	Warranty (yrs)	S-Unit
BA-Mini-M-CP-810-G4	4062172145800	Ultra Cool White	10000K	40	75	72	140	12	0.72	28.8	66	50	5	40
BA-Mini-M-CP-871-G4	4062172145787	Cool White	7100K	40	75	79	140	12	0.72	28.8	66	50	5	40
BA-Mini-M-CP-865-G4	4062172145763	Cool White	6500K	40	75	79	140	12	0.72	28.8	66	50	5	40
BA-Mini-M-CP-840-G4	4062172145718	Neutral White	4000K	40	75	79	140	12	0.72	28.8	66	50	5	40
BA-Mini-M-CP-830-G4	4062172145695	Warm White	3000K	40	75	72	140	12	0.72	28.8	66	50	5	40

Product Features

- Module flux output: 79lm/module
- Ultra slim form factor: 8.4mm in width
- Type of protection (modules): IP66
- Color rendering index Ra: > 80
- Wide CCT range, up to Ultra Cool White 10,000K
- High color consistency: < 3 SDCM
- CE marked, BIS certified

Product Benefits

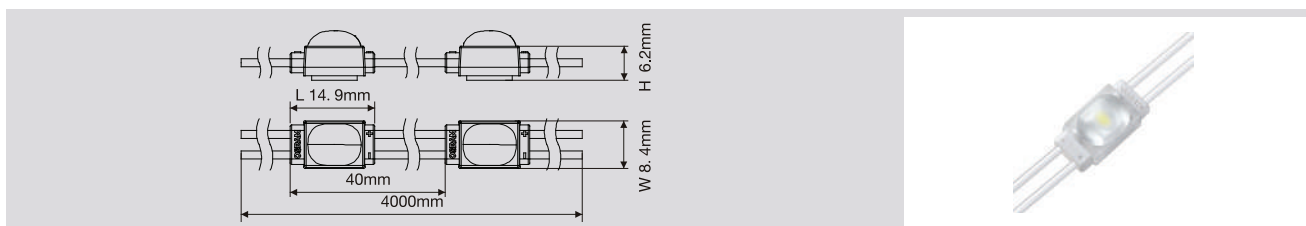
- Flat Ray Lens technology to achieve good uniformity
- Deliver the highest freedom in slim channel letter design
- Efficacy up to 110 lm/W for energy saving
- 1~100% Dimming operation with OT DIM, OT DALI DIM
- High reliability with L70B50 Lifetime in 50Khrs (at Tc 80 °C)
- 5 year guarantee

Applications

- Slim channel letters, width >9mm
- Recommended Minimal letter depth: 25mm
- Recommended ratio of Depth : Pitch = 1:1.5

BackLED® Mini-S CP G4 (12V)

IP66



Product Description	EAN10	Color	CCT(K)	Module Qty per Chain (pcs)	Module Pitch	Flux per Module (lm)	Beam Angle (°)	Voltage (V)*	Power per Module (W)	Power per Chain (W)	IP Rating	L70B50 Lifetime (khrs)	Warranty (yrs)	S-Unit
BA-Mini-S-CP-810-G4	4062172145909	Ultra Cool White	10000K	100	40	36	160x120	12	0.36	36	66	50	5	40
BA-Mini-S-CP-871-G4	4062172145886	Cool White	7100K	100	40	39	160x120	12	0.36	36	66	50	5	40
BA-Mini-S-CP-865-G4	4062172145862	Cool White	6500K	100	40	39	160x120	12	0.36	36	66	50	5	40
BA-Mini-S-CP-840-G4	4062172145848	Neutral White	4000K	100	40	39	160x120	12	0.36	36	66	50	5	40
BA-Mini-S-CP-830-G4	4062172145824	Warm White	3000K	100	40	36	160x120	12	0.36	36	66	50	5	40

Product Features

- Module flux output: 39lm/module
- Ultra slim form factor: 8.4mm in width
- Type of protection (modules): IP66
- Color rendering index Ra: > 80
- Wide CCT range, up to Ultra Cool White 10,000K
- High color consistency: < 3 SDCM
- CE marked, BIS certified

Product Benefits

- Oval Lens technology to achieve high uniformity along slim letters
- Deliver the highest freedom in slim channel letter design
- Efficacy up to 108 lm/W for energy saving
- 1~100% Dimming operation with OT DIM, OT DALI DIM
- High reliability with L70B50 Lifetime in 50Khrs (at Tc 80 °C)
- 5 year guarantee

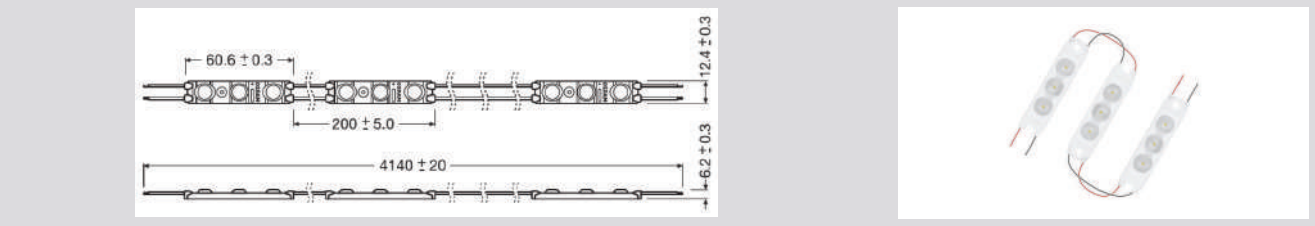
Applications

- Slim channel letters, width >9mm
- Recommended Minimal letter depth: 25mm
- Recommended ratio of Depth : Pitch = 1:1.5

*Due to the special conditions of the manufacturing processes of LED the typical data of technical parameters can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product which could differ from the typical data;
All values are tested at Ta25 °C.

BackLED L CX G5

IP66



Product Description	Nominal voltage	Nominal wattage per chain	Nominal wattage per LED module	Accidental reverse input voltage protection up to	Input voltage range	Type of current
BA-L-CX -810-G5 1)	12.0 V	30.00 W	1.5 W	13 V	12...13 V	DC
BA-L-CX -880-G5 1)	12.0 V	30.00 W	1.5 W	13 V	12...13 V	DC
BA-L-CX -865-G5 1)	12.0 V	30.00 W	1.5 W	13 V	12...13 V	DC
BA-L-CX -840-G5 1)	12.0 V	30.00 W	1.5 W	13 V	12...13 V	DC
BA-L-CX -830-G5 1)	12.0 V	30.00 W	1.5 W	13 V	12...13 V	DC

Product Features

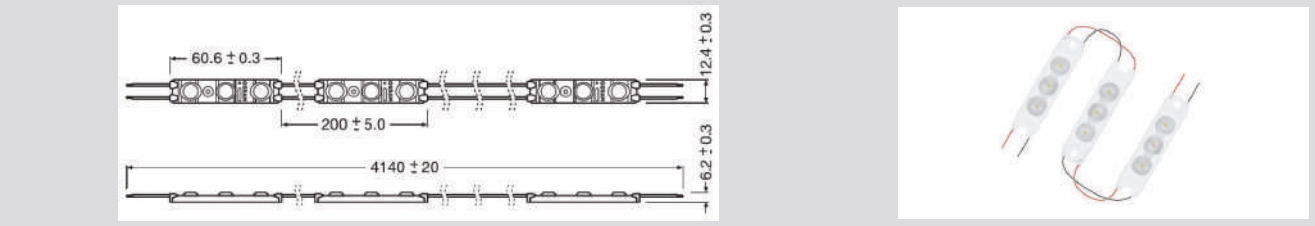
- Color consistency in 3 SDCM
- Diffusive Optics technology
- Wide CCT options available
- IP66 Rated

Product Benefits

- High module flux output up to 162 lm
- 5 year warranty
- Wide beam angle for high uniformity
- Good solution to reduce system cost

BackLED M CX G5

IP66



Product Description	Nominal voltage	Nominal wattage per chain	Nominal wattage per LED module	Accidental reverse input voltage protection up to	Input voltage range	Type of current
BA-M-CX -810-G5 1)	12.0 V	14.40 W	0.72 W	13 V	12...13 V	DC
BA-M-CX -880-G5 1)	12.0 V	14.40 W	0.72 W	13 V	12...13 V	DC
BA-M-CX -865-G5 1)	12.0 V	14.40 W	0.72 W	13 V	12...13 V	DC
BA-M-CX -840-G5 1)	12.0 V	14.40 W	0.72 W	13 V	12...13 V	DC
BA-M-CX -830-G5 1)	12.0 V	14.40 W	0.72 W	13 V	12...13 V	DC

Product Features

- Color consistency in 3 SDCM
- Diffusive Optics technology
- Wide CCT options available
- IP66 Rated

Product Benefits

- High module flux output up to 80 lm
- 5 year warranty
- Wide beam angle for high uniformity
- Good solution to reduce system cost

Applications

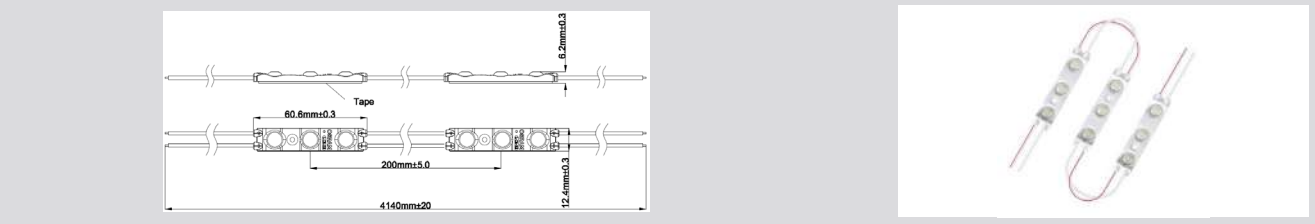
- Slim channel letters, width >9mm
- Recommended Minimal letter depth: 25mm
- Recommended ratio of Depth : Pitch = 1:1.5

*Due to the special conditions of the manufacturing processes of LED the typical data of technical parameters can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product which could differ from the typical data;
All values are tested at Ta25 °C.

BackLED L-HO Core Basic G1

12 V Backlighting modules

IP66



Product Description	Order Code [EAN10]	Color	CCT [K]	Voltage [V DC]	Power [W]	Lum. Flux [lm]	Modules per chain
BA-L-HO-CB-810-G1	4062172374101	Ultra-Cool White	10000	12	30	3000	20
BA-L-HO-CB-871-G1	4062172374125	Ultra-Cool White	7100	12	30	3240	20
BA-L-HO-CB-865-G1	4062172374149	Cool White	6500	12	30	3240	20
BA-L-HO-CB-857-G1	4062172374163	Cool White	5700	12	30	3240	20
BA-L-HO-CB-840-G1	4062172374187	Neutral White	4000	12	30	3240	20
BA-L-HO-CB-830-G1	4062172374200	Warm White	3000	12	30	3000	20

Product Features

- LED chain comprising 20 LED modules connected by flexible cables
- Each LED module contains 3 LEDs
- LED module pitch variable between 70 ~ 200 mm
- Compatible with OSRAM OPTOTRONIC constant voltage drivers / dimmers
- Wide CCT and color options available
- IP66 rating
- Lifetime L70B50 30,000 h @ Tc 70°C
- 3 years warranty

Product Description

- BackLED L-HO CB G1 family delivers the cost effective and optical effect for reliable outdoor advertising light box and channel letter designs.

Product Benefits

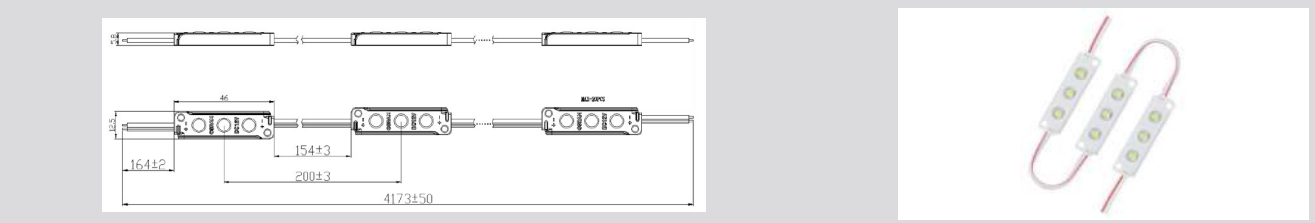
- Upgraded flux output up to 162 lm.
- Uniform light pattern design for 80-200 mm light-box depth.

Applications

- Signage boxes
- Channel letters
- Luminous areas and ceilings.

BackLED ECO M G2

IP64



Description	No. of LED's	Color Temp. (K)	Wattage	Beam Angle	Lumens
BA-ECO-M-RED	3	RED	0.60W	120°	21lm
BA-ECO-M-BLUE	3	BLUE	0.60W	120°	21lm

Product Features

- Color consistency in 3SDCM (3000K-6500K), 5SDCM (8000K)
- Available in 3000K, 4000K, 5700K, 6500K, 8000K, RED
- Min CRI 80

Product Benefits

- Over-molding technology for optimal protection on LED and PCB
- Double-sided tape for pre-mounting
- IP64

Product Description

- Compatible with OSRAM OPTOTRONIC drivers
- Lifetime L70B50 30khrs @ Tc 60°C
- System warranty up to 3 years

DRAGON WING | 5 Year Warranty

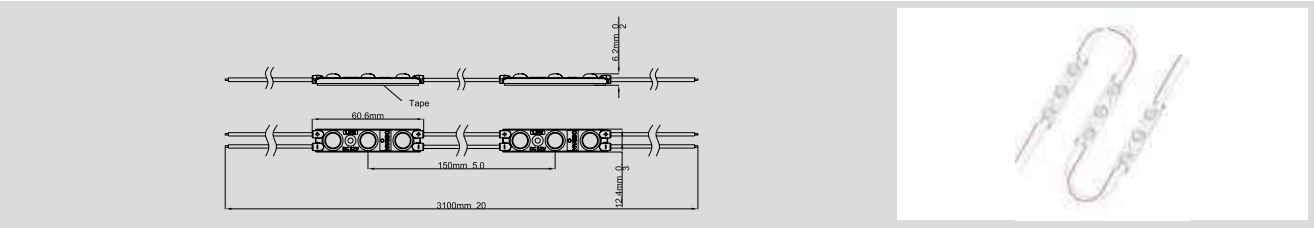
IP65



Description	Length	Color Temp. (K)	Wattage	Beam Angle	Lumens
WD1000-G1-15	1450mm	8000K, 6500K	16.8W	150°X110°	1600lm
WD1000-G1-12	1150mm	8000K, 6500K	13.4W	150°X110°	1280lm
WD1000-G1-06	550mm	8000K, 6500K	6.7W	150°X110°	630lm

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All values are tested at Ta25 °C.

BackLED® L Core Basic G1



Product Description	(EAN10)	Color	Color Temp[K]*	Module Qty per Chain (pcs)	Module Pitch (mm)"	Flux per Module (lm)"	Beam Angle (°)	Voltage (V)*	Power per Module (W)	Power per Chain (W)	IP Rating	L70B50 Lifetime (khrs)	Warranty (yrs)"	(pcs) S-Unit
BA-L-CB-810-G1	4062172285216	Cool White	10000K	20	150	100	160 °	12	1	20	66	30	3	60
BA-L-CB-880-G1	4062172285230	Cool White	8000K	20	150	100	160 °	12	1	20	66	30	3	60
BA-L-CB-865-G1	4052899629639	Cool White	6500K	20	150	110	160 °	12	1	20	66	30	3	60
BA-L-CB-840-G1	4052899629646	Neutral White	4000K	20	150	110	160 °	12	1	20	66	30	3	60
BA-L-CB-830-G1	4052899629653	Warm White	3000K	20	150	100	160 °	12	1	20	66	30	3	60

Product Features

- Module flux output: up to 110lm/module
- Type of protection (modules): IP66
- Color rendering index Ra: > 80
- Wide CCT range, up to 10,000K
- High color consistency: < 5 SDCM
- CE/CQC marked, BIS certified

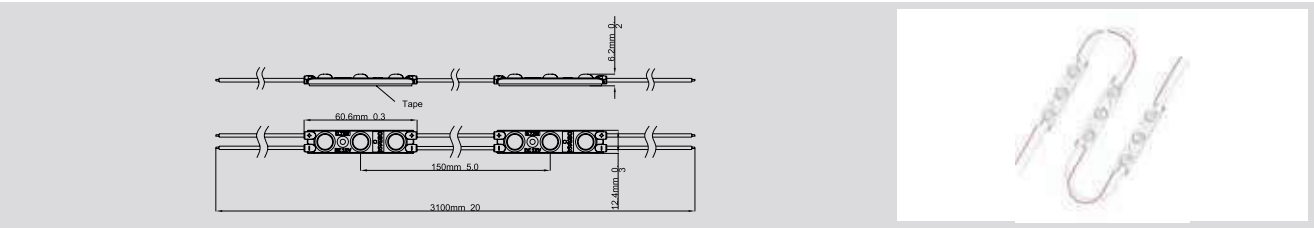
Product Benefits

- Module flux output: up to 110lm/module
- High reliability with L70B50 Lifetime in 30Khrs (at Tc 60 °C)
- 3 year guarantee

Applications

- Backlighting of small to medium size light boxes
- Recommended Minimal light box depth: 50mm
- Recommended ratio of Depth : Pitch = 1 : 1.5

BackLED® M Core Basic G1



Product Description	(EAN10)	Color	Color Temp[K]*	Module Qty per Chain (pcs)	Module Pitch (mm)"	Flux per Module (lm)"	Beam Angle (°)	Voltage (V)*	Power per Module (W)	Power per Chain (W)	IP Rating	L70B50 Lifetime (khrs)	Warranty (yrs)"	(pcs) S-Unit
BA-M-CB-810-G1	4062172285193	Cool White	10000K	20	150	68	160 °	12	0.72	14.4	66	30	3	60
BA-M-CB-880-G1	4062172285179	Cool White	8000K	20	150	68	160 °	12	0.72	14.4	66	30	3	60
BA-M-CB-865-G1	4052899629608	Cool White	6500K	20	150	80	160 °	12	0.72	14.4	66	30	3	60
BA-M-CB-840-G1	4052899629615	Neutral White	4000K	20	150	76.5	160 °	12	0.72	14.4	66	30	3	60
BA-M-CB-830-G1	4052899629622	Warm White	3000K	20	150	68	160 °	12	0.72	14.4	66	30	3	60

Product Features

- Module flux output: up to 80lm/module
- Type of protection (modules): IP66
- Color rendering index Ra: > 80
- Wide CCT range, up to 10,000K
- High color consistency: < 5 SDCM
- CE/CQC marked, BIS certified

Product Benefits

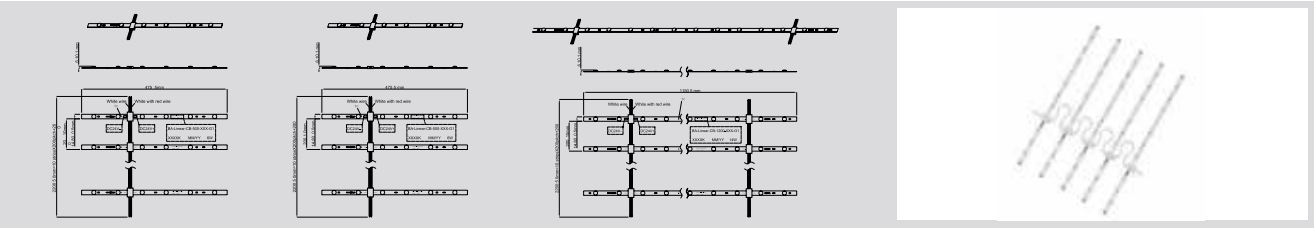
- Efficacy up to 110 lm/W for energy saving
- High reliability with L70B50 Lifetime in 30Khrs (at Tc 60 °C)
- 3 year guarantee

Applications

- Backlighting of small to medium size light boxes
- Recommended Minimal light box depth: 50mm
- Recommended ratio of Depth : Pitch = 1 : 1.5

*Due to the special conditions of the manufacturing processes of LED the typical data of technical parameters can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product which could differ from the typical data; All values are tested at Ta25 °C.

BackLED® Linear Core Basic G1 (Indoor)



Product Description	(EAN10)	Color	Color Temp[K]*	Module Qty per Chain (pcs)	Module Pitch (mm)"	Flux per Module (lm)"	Beam Angle (°)	Voltage (V)*	Power per Module (W)	Power per Chain (W)	IP Rating	L70B50 Lifetime (khrs)	Warranty (yrs)*	(pcs) S-Unit
BA-LINEAR-CB-500-880-G1	4052899629752	Cool White	8000K	10	200	630	180°	24	6	60	20	30	3	10 Chain
BA-LINEAR-CB-1000-880-G1	4052899629769	Cool White	8000K	10	200	1250	180°	24	12	120	20	30	3	10 Chain
BA-LINEAR-CB-1200-880-G1	4052899629776	Cool White	8000K	10	200	1440	180°	24	14	140	20	30	3	10 Chain
BA-LINEAR-CB-500-865-G1	4052899629721	Cool White	6500K	10	200	660	180°	24	6	60	20	30	3	10 Chain
BA-LINEAR-CB-1000-865-G1	4052899629738	Cool White	6500K	10	200	1300	180°	24	12	120	20	30	3	10 Chain
BA-LINEAR-CB-1200-865-G1	4052899629745	Cool White	6500K	10	200	1495	180°	24	14	140	20	30	3	10 Chain

Product Features

- Module flux output: up to 1495lm/module
- Type of protection (modules): IP20
- Color rendering index Ra: > 80
- CCT 8000K & 6500K available
- High color consistency: < 3 SDCM
- CE/CQC marked, BIS certified

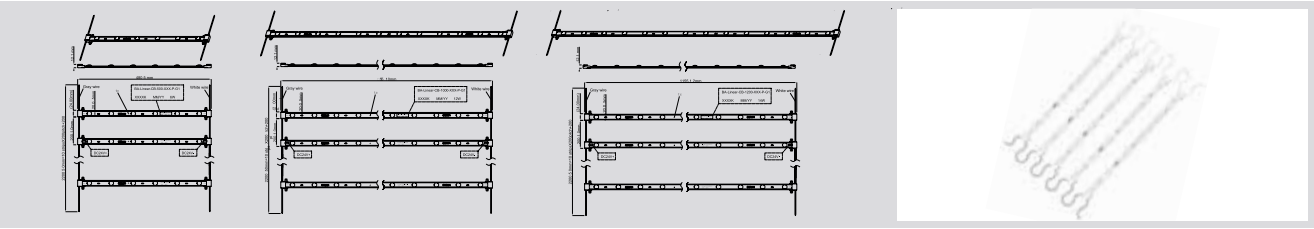
Product Benefits

- Efficacy up to 108 lm/W for energy saving
- High reliability with L70B50 Lifetime in 30Khrs (at Tc 60 °C)
- 3 year guarantee

Applications

- Backlighting of small to medium size light boxes
- Recommended Minimal light box depth: 55mm
- Recommended ratio of Depth : Pitch = 1 : 1.5

BackLED® Linear Core Basic G1 (Outdoor)



Product Description	(EAN10)	Color	Color Temp[K]*	Module Qty per Chain (pcs)	Module Pitch (mm)"	Flux per Module (lm)"	Beam Angle (°)	Voltage (V)*	Power per Module (W)	Power per Chain (W)	IP Rating	L70B50 Lifetime (khrs)	Warranty (yrs)*	(pcs) S-Unit
BA-LINEAR-CB-500-880-P-G1	4052899629813	Cool White	8000K	10	200	620	180°	24	6	60	66	30	3	5 Chain
BA-LINEAR-CB-1000-880-P-G1	4052899629820	Cool White	8000K	10	200	1270	180°	24	12	120	66	30	3	5 Chain
BA-LINEAR-CB-1200-880-P-G1	4052899629837	Cool White	8000K	10	200	1450	180°	24	14	140	66	30	3	5 Chain
BA-LINEAR-CB-500-865-P-G1	4052899629783	Cool White	6500K	10	200	650	180°	24	6	60	66	30	3	5 Chain
BA-LINEAR-CB-1000-865-P-G1	4052899629790	Cool White	6500K	10	200	1270	180°	24	12	120	66	30	3	5 Chain
BA-LINEAR-CB-1200-865-P-G1	4052899629806	Cool White	6500K	10	200	1450	180°	24	14	140	66	30	3	5 Chain

Product Features

- Module flux output: up to 1450lm/module
- Type of protection (modules): IP66
- Color rendering index Ra: > 80
- CCT 8000K & 6500K available
- High color consistency: < 3 SDCM
- CE/CQC marked, BIS certified

Product Benefits

- Efficacy up to 108 lm/W for energy saving
- High reliability with L70B50 Lifetime in 30Khrs (at Tc 60 °C)
- 3 year guarantee

Applications

- Backlighting of small to medium size light boxes
- Recommended Minimal light box depth: 65mm
- Recommended ratio of Depth : Pitch = 1 : 1.3

*Due to the special conditions of the manufacturing processes of LED the typical data of technical parameters can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product which could differ from the typical data;
All values are tested at Ta25 °C.

* Inventronics is a licensee of the OSRAM brand. OSRAM is a trademark of ams OSRAM.

Flexible Strips

Indoor Application

IP20  Length 5 m

Description	Color Temp.(K)	Watt/Meter	Lumen/meter	LED/meter
BF500-IN	6500K,4000K,3000K	5W/m	500 lm/m	60
BF1200-IN	6500K,4000K,3000K	12W/m	1200 lm/m	120
BF400s-G3	6500K, 4000K, 3000K, 2700K	3.5W/m	430 lm/m	120
BF800s-G3	6500K, 4000K, 3000K, 2700K	6.5W/m	830 lm/m	120
BF1200s-G3	6500K, 4000K, 3000K, 2700K	9.5W/m	1170 lm/m	120
BF1500s-G3	8000K,6500K,4000K,3000K,2700K	12.5W/m	1530 lm/m	120



Outdoor Application | 3 year warranty

IP65  Length 5 m

Description	Color Temp.(K)	Watt/Meter	Lumen/meter	LED/meter
BFP400s-G3	6500K,4000K,3000K , 2700K	3.5W/m	400 lm/m	120
BFP800s-G3	6500K,4000K,3000K , 2700K	6.5W/m	770 lm/m	120
BFP1200s-G3	6500K,4000K,3000K , 2700K	9.5W/m	1090 lm/m	120
BFP1500s-G3	8000K,6500K,4000K,3000K,2700K	12.5W/m	1420 lm/m	120

Power Supply

Indoor Application

Description	Volt.	Wattage	IP	Warranty
Fighter Neo LD24/220-240	12V / 24V	24W	IP120	2 Year
Fighter Neo LD24/220-240	12V / 24V	60W	IP120	2 Year
Element 30/220-240	12V / 24V	30W	IP120	3 Year
Element 60/220-240	12V / 24V	60W	IP120	3 Year
Element 120/220-240	12V / 24V	120W	IP120	3 Year
Element 180/220-240	12V / 24V	180W	IP120	3 Year



Outdoor Application

Description	Volt.	Wattage	IP	Warranty
Fighter Pro 60/220-240/12EP	12V	60W	IP65	3 Year
Fighter Pro 100/220-240/12EP	12V	100W	IP65	3 Year
Fighter Pro 150/220-240/12EP	12V	150W	IP65	3 Year
OT 40/220-240	24V	40W	IP67	5 Year
OT FIT 60/220-240	12V	60W	IP67	5 Year
OT FIT 80/220-240	24V	80W	IP67	5 Year
OT FIT 150/220-240	12V/24V	150W	IP67	5 Year
OT FIT 200/220-240	24V	200W	IP67	5 Year
OT FIT 300/220-240	12V/24V	300W	IP67	5 Year



SPD

Surge Protection Device

Description	Surge Protection	IP Rating	Application
	10KV	IP66	Outdoor
	20KV	IP66	Outdoor



Bringing Magic into light boxes: BoxLED® Plus

Brilliant side-lighting technology for single-sided and double-sided light boxes



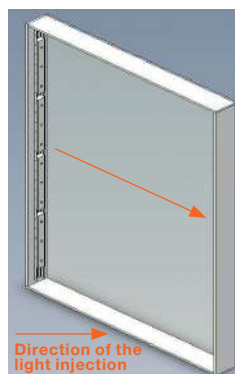
BoxLED® Plus* modules were developed for side injection into single-sided and double-sided light boxes which are painted or coated matt white inside, while elliptical optics provide homogeneous light distribution in the interior. Precise optical control also avoids hot spots and color rings at edges.

According to the size of the light boxes and the required amount of light, the modules can be placed on one side, on two sides or even around all four sides (see the illustrations below).

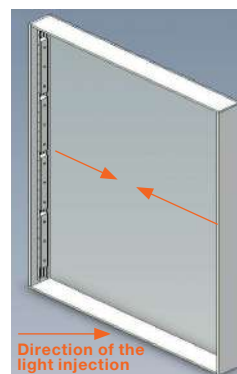
The product range at a glance:

BoxLED® M Plus G3

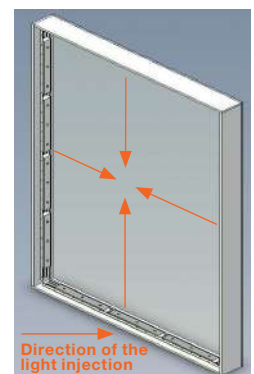
BoxLED® XS Plus G3



Single-sided light injection
For low luminance



Double-sided light injection
For medium luminance



Four-sided light injection
For high luminance

* All products of the BoxLED® Plus family comply with energy efficiency class A or higher

* Inventronics is a licensee of the OSRAM brand. OSRAM is a trademark of ams OSRAM.



LED deSIGNer

By entering only some basic data in the online software LED deSIGNer automatically calculates the exact number of components of LED modules, LED drivers and mounting profiles for a given application.

Tool [https : //www.inventronics-light.com/online-tools](https://www.inventronics-light.com/online-tools)

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www.inventronics-light.com



OSRAM Core Mini G2 COB Module



05/2024

OSRAM

OSRAM Core Mini G2 COB Module



Product family

- LED module for downlight and spotlight
- High efficiency and cost effective
- Flexible lumen output selection from 500 to 4000lm
- 500/1000/2000/3000/4000 lumen level optional
- High density models available (1000HD, 2000HD)
- CRI>90 and CRI>95 optional
- Industrial standard package size to shorten design lead time

Applications

- Retail, shop, restaurant, hospitality
- Gallery and museum

Product name	Power lever	COB dimension(mm)	LES(mm)	Max. If (mA)	Recommended If(mA)	Color Consistency	Nominal If(mA)	CRI/CCT	Ra	Vf (V)	Flux output (lm)	Luminous Efficiency(lm/w)	CRI, CCT Optional
CORE-MINI-G2-500-9xx	8W	13.35x13.35	6	350	≤300	3 step	100	930	>90	32	405	127	927/930/940
CORE-MINI-G2-1000-9xx	12W	15.85x15.85	8.5	450	≤360	3 step	200	930	>90	34	830	122	927/930/940
CORE-MINI-G2-1500-9xx	20W	15.85x15.85	8.5	700	≤540	3 step	300	930	>90	34	1210	119	927/930/940
CORE-MINI-G2-2000-9xx	25W	17.85x17.85	12	900	≤720	3 step	400	930	>90	34	1680	124	927/930/935/940/950
CORE-MINI-G2-3000-9xx	30W	17.85x17.85	12	1100	≤900	3 step	500	930	>90	34	2071	122	927/930/935/940/950
CORE-MINI-G2-4000-9xx	40W	17.85x17.85	14	1600	≤1200	3 step	800	930	>90	34	3300	121	930/940/950
CORE-MINI-G2-1000HD-9xx(High density)	12W	13.35x13.35	6	450	≤360	3 step	200	930	>90	34	780	115	927/930/940
CORE-MINI-G2-2000HD-9xx(High density)	25W	15.85x15.85	8.5	900	≤720	3 step	400	930	>90	34	1530	113	927/930/940
CORE-MINI-G2-500-95xx	8W	13.35x13.35	6	350	≤300	3 step	100	9530	>95	32	381	119	9530/9540
CORE-MINI-G2-1000-95xx	12W	15.85x15.85	8.5	450	≤360	3 step	200	9530	>95	34	780	115	9530/9540
CORE-MINI-G2-1500-95xx	20W	15.85x15.85	8.5	700	≤540	3 step	300	9530	>95	34	1135	111	9530/9540
CORE-MINI-G2-2000-95xx	25W	17.85x17.85	12	900	≤720	3 step	400	9530	>95	34	1578	116	9530/9540
CORE-MINI-G2-3000-95xx	30W	17.85x17.85	12	1100	≤900	3 step	500	9530	>95	34	1938	114	9530/9540
CORE-MINI-G2-1000HD-95xx(High density)	12W	13.35x13.35	6	450	≤360	3 step	200	9530	>95	34	735	108	9530/9540
CORE-MINI-G2-2000HD-95xx(High density)	25W	15.85x15.85	8.5	900	≤720	3 step	400	9530	>95	34	1455	107	9530/9540
CORE-MINI-G2-2000-xxxUW(BBBL)	25W	17.85x17.85	12	900	≤720	3 step	400	930UW	>90	34	1600	118	930UW/935UW
CORE-MINI-G2-3000-xxxUW(BBBL)	30W	17.85x17.85	12	1100	≤900	3 step	500	930UW	>90	34	1972	116	930UW/935UW

Recommended compatible LED driver

			Core-Mini-G2-500	Core-Mini-G2-1000	Core-Mini-G2-1000HD	Core-Mini-G2-1500	Core-Mini-G2-2000	Core-Mini-G2-2000HD	Core-Mini-G2-3000	Core-Mini-G2-4000
	Output Current	Output Voltage								
IT FIT 20/220-240/500 CS (I)	150mA	23-42V	●							
	200mA	23-42V	●	●	●					
	250mA	23-42V	●	●	●	●				
	300mA	23-42V	●	●	●	●	●	●		
	350mA	23-42V		●	●	●	●	●	●	
IT FIT 20/220-240/500 CS (I)	400mA	23-42V				●	●	●	●	
IT FIT 30/220-240/700 CS (I)	450mA	23-42V				●	●	●	●	
	500mA	23-42V				●	●	●	●	●
IT FIT 30/220-240/700 CS (I)	550mA	23-42V					●	●	●	●
	600mA	23-42V					●	●	●	●
	650mA	23-42V					●	●	●	●
IT FIT 30/220-240/700 CS (I)	700mA	23-42V					●	●	●	●
IT FIT 40/220-240/1A0 CS (I)										
IT FIT 40/220-240/1A0 CS (I)	750mA	23-42V							●	●
	800mA	23-42V							●	●
	850mA	23-42V							●	●
	900mA	23-42V							●	●
	950mA	23-42V								●
	1000mA	23-42V								●
	1050mA	23-42V								●

