

OTi DALI 60/220...240/550 D LT2 L

OPTOTRONIC Intelligent – DALI (non-isolated) | 线性LED恒流驱动电源-调光



产品特点

- 线路频率 : 0 Hz | 50 Hz | 60 Hz
- 电源电压 : 220至240 V

应用领域

- 按照 IEC 61347-2-13 标准附录 J 的要求安装在应急照明系统
- 适合I类保护的灯具

产品数据表

技术参数

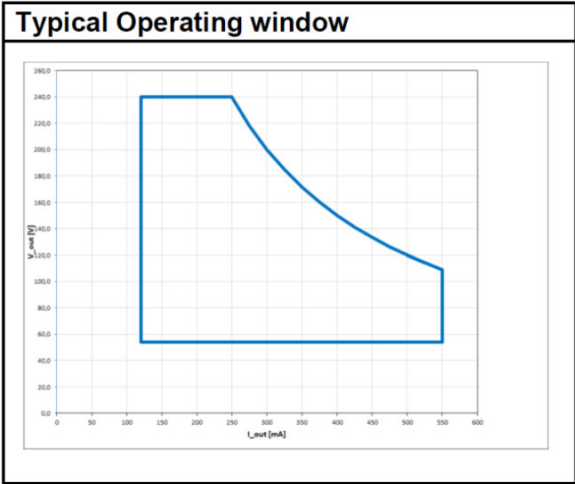
电参数

标称电压	220...240 V
市电频率	50...60 Hz
交流输入电压	198...264 V ¹⁾
直流输入电压	176...276 V
Current set	DALI / LEDset / Programmable
Total harmonic distortion	< 10 %
功率因数 λ	0.92...0.97 ²⁾
Efficiency in full-load	92.5 % ³⁾
设备功率损耗	5.0 W ⁴⁾
浪涌电流	25 安培 ⁵⁾
使用10A过载保护器时最大ECG连接数	15
16 A 断路器上的 ECG 最大数量	24
25 A 断路器上的 ECG 最大数量	37
浪涌承受能力 (L/N-Ground)	2 kV
浪涌承受能力 (L-N)	1 kV
标称输出电压	54...240 V ⁶⁾
U-OUT (工作电压)	< 250 V
标称输出电流	120...550 毫安
Output current LEDset open	60 毫安
Output current LEDset shorted	120 毫安
Default output current	60 毫安 ⁷⁾
Output current tolerance	±3 % ⁸⁾
输出纹波电流 (100 Hz)	< 1 %
Output PSTLM	≤1
Output SVM	≤0.4
标称输出功率	6.4...60 W
Maximum output power	60 W
Galvanic isolation	Non isolated
待机模式功耗	<0.25 W
保护导体电流	<0.5 毫安

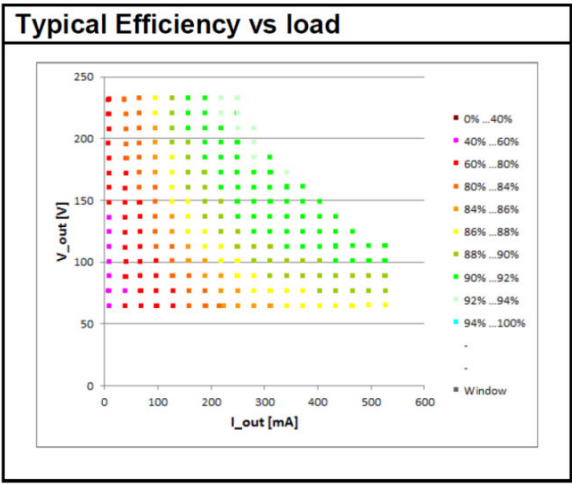
1) 允许电压范围
2) 230 V时达到满负荷
3) at 230 V, 50 Hz
4) 最大
5) 在 280 µs
6) 最大 250 V
7) LEDset deactivated

产品数据表

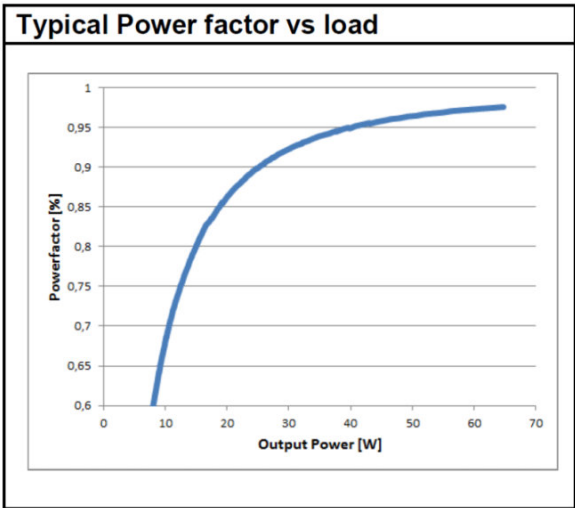
8) When use DALI



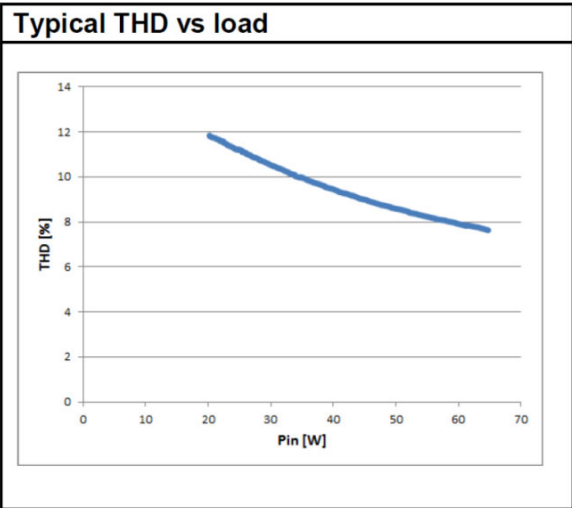
OTI DALI 60220-240550 D LT2 L Operating Window



OTI DALI 60220-240550 D LT2 L Typical Efficiency vs. Load (230 V 50 Hz)

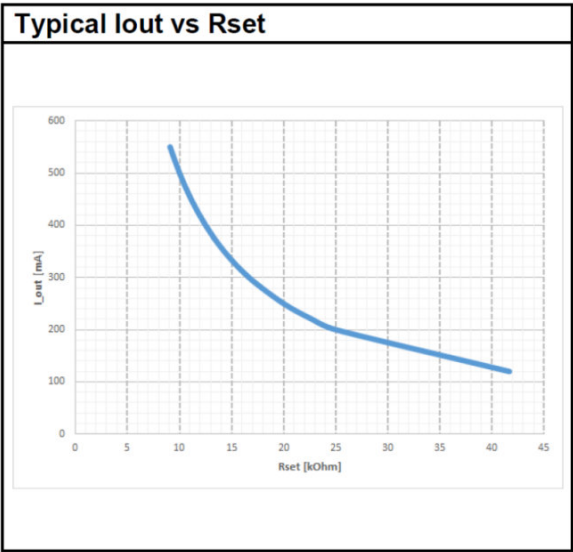


OTI DALI 60220-240550 D LT2 L Typical Power Factor vs. Load



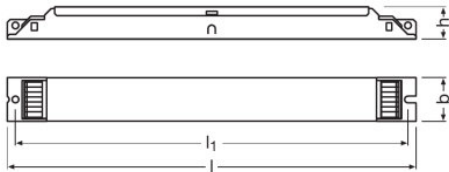
OTI DALI 60220-240550 D LT2 L Typical THD Vs Load

产品数据表



OTI DALI 60220-240550 D LT2 L Typical I_{out} vs R_{set} (LEDset2 mode)

尺寸和重量



安装孔距, 长度	270.0 mm
产品重量	20500 g
输入端线缆截面	0.5...1.5 mm ² 1)
电缆截面积, 输出端	0.5...1.5 mm ² 1)
预留线缆长度, 输入端	8.5...9.5 mm
预留线缆长度, 输出端	8.5...9.5 mm
长度	2800 mm
宽度	300 mm
高度	210 mm

产品数据表

1) 固态或软导线

颜色和材料

壳体材料	金属
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温度

环境温度范围	-25...+60 °C
温度系数测试点最高温度	75 °C
故障时最高外壳温度	110 °C
仓储温度范围	-25...85 °C
相对湿度	5...85 % 1)

1) 在85%的相对湿度下最多工作56天/年

寿命

ECG 寿命	50000 / 100000 h 1)
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1) 最大 T_C 温度 = 75°C / 10% 失效率 / 在 T_C = 65°C / 10% 失效率

更多的产品数据

Encapsulated	否
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功能

Programming interface	DALI, LEDset
可调光	是
调光界面	DALI-2 / Touch DIM / Touch DIM Sensor
调光范围	1...100 % 1)
调光方式	Full analogue dimming
过热保护	自动可逆
过载保护	自动可逆
Short-circuit protection	自动可逆
标准空载符合	是
Intended for no-load operation	否
至灯/LED 模块的最大电缆长度	2.0 m 2)
适合带防护等级的固件	I
适用于应急照明	是
连接件类型，输入端	按键式端子
连接件类型，输出端	按键式端子
恒定照明功能	可编程
Control interface	DALI
Number of channels	1

产品数据表

DALI-2 Energy Data	是
DALI-2 Diagnostic Data	是

1) For maximum nominal output current
2) Output wires must be routed as close as possible to each other

Programming

Programming device	DALI magic
Tuner4TRONIC	是
Tuner4TRONIC Field App	是

Programmable features

DALI-2 Luminaire Data	是
TouchDIM + Sensor	是

认证与标准

认证标志 – 认证	CE / EL / VDE-ENEC / VDE-EMC / EAC / CCC / BIS / RCM
标准	根据 EN 61347-1标准/根据 EN 61347-2-13标准/根据 EN 55015标准/根据 EN 61547标准/根据 EN 61000-3-2标准/根据 EN 62384标准/Acc. to EN 62386
防护类型	IP20

物流数据

商品编码	850440829000
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Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	14-04-2023
Primary Article Identifier	4052899188662 4052899315884 4052899494206 4062172082167
Candidate List Substance 1	Lead
CAS No. of substance 1	7439-92-1
Safe Use Instruction	The identification of the Candidate List substance is sufficient to allow safe use of the article.
Declaration No. in SCIP database	d8f69d0a-873d-4c9b-b472-095ce690d3dd abf40d9e-61fc-4cb0-bcd2-15633934146d e06d8873-1ba2-4a16-a452-97f8720ce340

下载数据

产品数据表

文件	
	User instruction OPTOTRONIC LED Power Supply
	证书 OTi DALI OT FIT D LT2 L CB DE1 58970 040320
	证书 OT ENEC 40038085 010322
	证书 LED drivers EMC 40011668 300922
	证书 539639_CD Test Approval
	统一宣言 EATON(CEAG)-Conformity declaration AN00950 OTi DALI 60220-240550 D LT2 L
	统一宣言 INOTEC-Conformity declaration AN00950 OTi DALI 60220-240550 D LT2 L
	统一宣言 727247_EC OTi
	统一宣言 OTi DALI D LT2 L UK DoC 4281086 180221
	统一宣言 OTi DALI D LT2 L CE 3667898 210921
	统一宣言 EATON(CEAG)-Conformity declaration AM00138_OTiDALI60_220_240_550_D_LT2_L
	统一宣言 INOTEC- Conformity declaration AM00138_OTiDALI60_220_240_550_D_LT2_L
	CAD数据3 505454_CAD data OTi DALI 60220-240550 D LT2 L
	CAD 数据PDF 文件 505460_CAD data OTi DALI 60220-240550 D LT2 L

Ecodesign regulation information:

Intended for use with LED modules.

The forward voltage of the LED light source shall be within the defined operating window of the control gear in all operating conditions including dimming if applicable.

Separate control gear and light sources must be disposed of at certified disposal companies in accordance with Directive 2012/19/EU (WEEE) in the EU and with Waste Electrical and Electronic Equipment (WEEE) Regulations 2013 in the UK. For this purpose, collection points for recycling centres and take-back systems (CRSO) are available from retailers or private disposal companies, which accept separate control gear and light sources free of charge. In this way, raw materials are conserved and materials are recycled.

产品数据表

物流数据

产品代码	产品描述	包装单位 (件/单位)	尺寸 (长 x 宽 x 高)	体积	毛重
4052899188662	OTi DALI 60/220...240/550 D LT2 L	箱 20	303 mm x 159 mm x 101 mm	4.87 dm³	4296.00 g
4052899494206	OTi DALI 60/220...240/550 D LT2 L	箱 20	305 mm x 161 mm x 104 mm	5.11 dm³	4277.00 g

这里所提到的产品编码代表最小订购数量。一个整件包装含有一个或多个单一产品。请您在下单时，按一个或多个整件数下单。

数据保密性

This OSRAM driver can be configured using the Tuner4TRONIC software. This requires registering on www.myosram.com and downloading theTuner4TRONIC software from the Internet. The Tuner4TRONIC software enables users to access and view the operational data of a luminaire or driver via the corresponding programming interfaces. A password key (Config Lock) must be set up in the driver via the Tuner4TRONIC software in order to control which users can access and view operational data. Follow the instructions for password setup. To grant an external person or company rights to access or view operational data, you can assign password keys. In this case, however, you are responsible for ensuring that the third party concerned takes notice of the information described here. However, OSRAM can read out operating data from devices for maintenance and service purposes even when a password key has been assigned. In individual cases, OSRAM will also use its access rights in order to optimize or improve driver hardware and driver functions. In accordance with data privacy principles, any user of operating data (luminaire manufacturers, third parties with access rights) must ensure that personal data (e.g. name, address, location IDs) are only merged with the prior written consent of the person (end user) concerned. The respective user of the operating data is responsible for providing evidence of consent.

免责声明

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.