

OTi DALI 35/220...240/400 D NFC TW L

OPTOTRONIC Intelligent Tunable White – 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
- 适用于符合标准 EN60598-2-22 的应急照明系统中的设施
- 适合I类保护的灯具

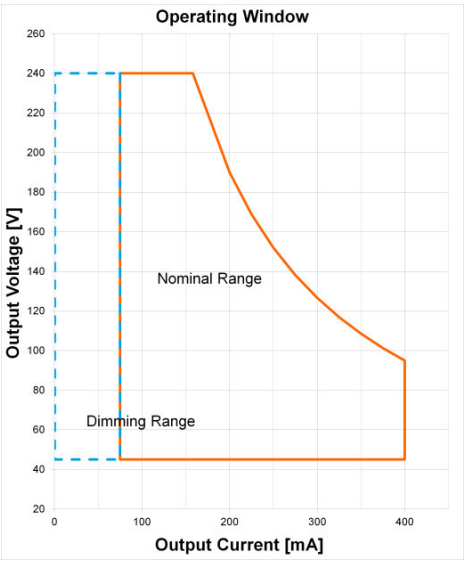
产品数据表

技术参数

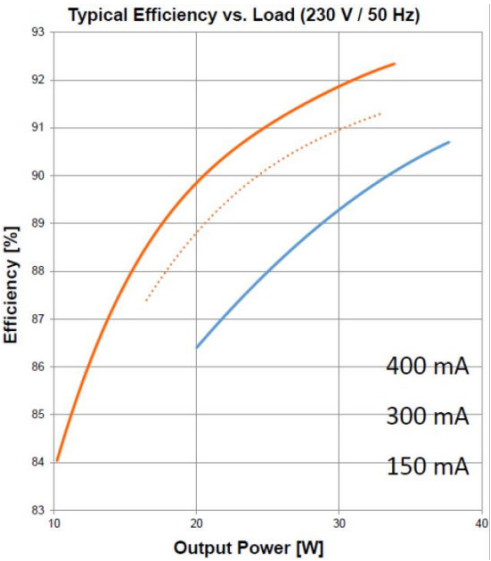
电参数

标称电压	220...240 V
市电频率	0/50/60 Hz Hz
交流输入电压	198...264 V
直流输入电压	176...276 V
Current set	DALI / NFC / Programmable
Total harmonic distortion	< 10 %
功率因数 λ	0.47C...0.95
Efficiency in full-load	90 % ¹⁾
设备功率损耗	3.0 W
浪涌电流	17 安培
使用10A过载保护器时最大ECG连接数	19
16 A 断路器上的 ECG 最大数量	28
25 A 断路器上的 ECG 最大数量	-
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	45...240 V
U-OUT (工作电压)	< 250 V
标称输出电流	75...400 毫安
Default output current	75 毫安
Output current tolerance	±3 %
输出纹波电流 (100 Hz)	< 1 %
Output PSTLM	≤1
Output SVM	≤0.4
标称输出功率	4...38 W
Maximum output power	38 W
Galvanic isolation	Non isolated
待机模式功耗	<0.2 W
初级/次级电气隔离	-

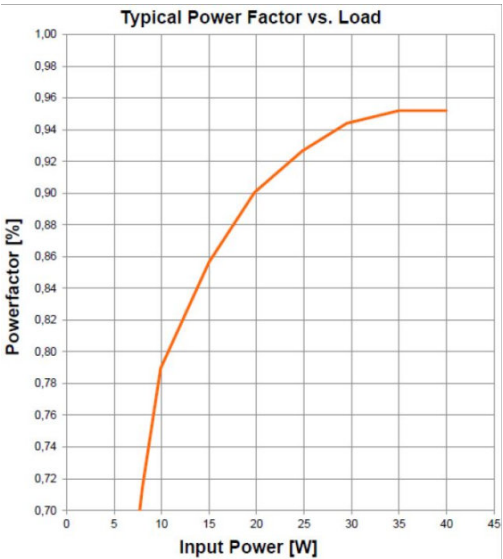
¹⁾ at 230 V, 50 Hz



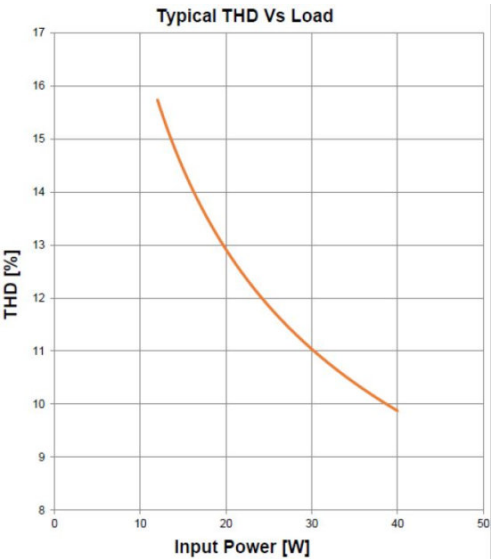
OTI DALI 35220-240400 D NFC TWL Operating Window



OTI DALI 35220-240400 D NFC TWL Typical Efficiency vs. Load (230 V 50 Hz)



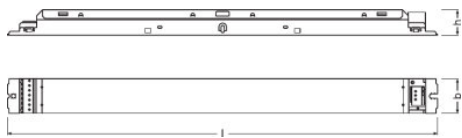
OTI DALI 35220-240400 D NFC TWL Typical Power Factor vs. Load



OTI DALI 35220-240400 D NFC TWL Typical THD Vs Load

产品数据表

尺寸和重量



安装孔距, 长度	350.0 mm
产品重量	235.00 g
输入端线缆截面	0.5...1.5 mm ²
电缆截面积, 输出端	0.5...1.5 mm ²
预留线缆长度, 输入端	8.0...9.0 mm
预留线缆长度, 输出端	8.0...9.0 mm
长度	360.0 mm
宽度	30.0 mm
高度	21.0 mm

颜色和材料

壳体材料	金属
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温度

环境温度范围	-25...+50 °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	-40...+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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产品数据表

功能

Programming interface	DALI, NFC
可调光	是
调光界面	DALI-2 / Touch DIM / Touch DIM Sensor
调光范围	1...100 %
调光方式	Full analogue dimming / AM/PWM selectable
恒定流明功能	可编程
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 ¹⁾
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
Control interface	DALI
Number of channels	2
DALI-2 Energy Data	否
DALI-2 Diagnostic Data	否

¹⁾ Output wires must be routed as close as possible to each other

Programming

Programming device	DALI magic / NFC Scanner
Tuner4TRONIC	是
Tuner4TRONIC Field App	否
Box programming	Yes

Programmable features

Operating Current	是
Lamp Operating Time	是
Driver Guard	是
DALI Settings	是
Emergency Mode	是
DALI-2 Luminaire Data	否
Soft Switch Off	是
Dim to Dark	是

产品数据表

TouchDIM + Sensor	是
Corridor Functionality	是
Tunable White CCT	是
Tunable White High precision	是

认证与标准

认证标志 – 认证	CE / EL / VDE-ENEC / EAC / CCC / RCM / BIS
标准	根据 IEC 61347-1标准/根据 IEC 61347-2-13标准/根据 IEC 62384标准/根据 IEC 61000-3-2标准/根据 IEC 61000-3-3标准/根据 IEC 61547标准
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	29-03-2024
Primary Article Identifier	4052899990302 4050732460524
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	d5ddc869-40bf-4840-8ca3-4fa129618d04 5d018f90-f20f-4306-87aa-04a991f4a89a

数据表文本

- Electrical connections between the two output channels are not allowed.

下载数据

文件	
	User instruction OPTOTRONIC LED Power Supply
	User instruction OPTOTRONIC LED Power Supply
	证书 OT EMC 40050085 200220
	证书 OT ENEC 40038085 010322

产品数据表

	证书 OT EMC 40044675 031022
	统一宣言 OTi DALI D NFC TW L UK DoC 4287948 110522
	统一宣言 OTi DALI D NFC TW L CE 3633314 110522
	统一宣言 EATON(CEAG) Conformity declaration AM28017 OTi DALI35 220-240 400 D NFC TW L
	统一宣言 INOTEC Conformity declaration AM28017 OTi DALI35 220-240 400 D NFC TW L
	CAD数据 OTi DALI D NFC TWL IGS 050220
	CAD数据 OTi DALI D NFC TWL STEP 050220
	CAD数据2 OTi DALI D NFC TWL CAD2PDF 050220
	CAD数据3 OTi DALI D NFC TWL CAD3PDF 050220

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.

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
4052899990302	OTi DALI 35/220...240/400 D NFC TW L	箱 20	385 mm x 160 mm x 100 mm	6.16 dm³	4871.00 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

产品数据表

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.