

## OTi DALI 75/220...240/700 D LT2 UF L

OPTOTRONIC Intelligent Ultraflat – 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                          | 0/50/60 Hz Hz                      |
| 交流输入电压                        | 198...264 V <sup>1)</sup>          |
| 直流输入电压                        | 176...276 V                        |
| Current set                   | DALI / NFC / LEDset / Programmable |
| Total harmonic distortion     | < 10 %                             |
| 功率因数 λ                        | 0.61C...0.97                       |
| Efficiency in full-load       | 93 % <sup>2)</sup>                 |
| 设备功率损耗                        | 7.0 W                              |
| 保护导体电流                        | <0.5 毫安                            |
| 浪涌电流                          | 20 安培                              |
| 使用10A过载保护器时最大ECG连接数           | 13                                 |
| 16 A 断路器上的 ECG 最大数量           | 20                                 |
| 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                         |
| U-OUT ( 工作电压 )                | < 250 V                            |
| 标称输出电流                        | 150...700 毫安 <sup>3)</sup>         |
| Output current LEDset open    | 75 毫安                              |
| Output current LEDset shorted | 125 毫安                             |
| Default output current        | 75 毫安 <sup>4)</sup>                |
| Output current tolerance      | ±5 %                               |
| 输出纹波电流 ( 100 Hz)              | < 1 %                              |
| Output PSTLM                  | ≤1                                 |
| Output SVM                    | ≤0.4                               |
| 标称输出功率                        | 9.7...75 W                         |
| Maximum output power          | 75 W                               |
| Galvanic isolation            | Non isolated                       |
| 待机模式功耗                        | <0.25 W                            |

1) 允许电压范围  
2) at 230 V, 50 Hz  
3) ±5%  
4) LEDset deactivated

尺寸和重量



|             |                            |
|-------------|----------------------------|
| 安装孔距, 长度    | 350.0 mm                   |
| 产品重量        | 180.00 g                   |
| 输入端线缆截面     | 0.5...0.75 mm <sup>2</sup> |
| 电缆截面积, 输出端  | 0.5...0.75 mm <sup>2</sup> |
| 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          | 11.0 mm <sup>1)</sup>      |

<sup>1)</sup> +/- 0.55 mm

颜色和材料

|      |    |
|------|----|
| 壳体材料 | 金属 |
|------|----|

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      | -25...85 °C            |
| 相对湿度        | 5...85 % <sup>1)</sup> |

<sup>1)</sup> 在85%的相对湿度下最多工作56天/年

寿命

|        |                                |
|--------|--------------------------------|
| ECG 寿命 | 50000 / 100000 h <sup>1)</sup> |
|--------|--------------------------------|

<sup>1)</sup> 最大 T<sub>C</sub> 温度 = 75°C / 10% 失效率 / 在 T<sub>C</sub> = 65°C / 10% 失效率

功能

|                       |                   |
|-----------------------|-------------------|
| Programming interface | DALI, NFC, LEDset |
|-----------------------|-------------------|

产品数据表

|                                |                                       |
|--------------------------------|---------------------------------------|
| 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                 |
| 恒定照明功能                         | 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 <sup>1)</sup>                   |
| 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             | 1                                     |
| DALI-2 Energy Data             | 否                                     |
| DALI-2 Diagnostic Data         | 否                                     |

<sup>1)</sup> Output wires must be routed as close as possible to each other

Programming

|                        |                          |
|------------------------|--------------------------|
| Programming device     | DALI magic / NFC Scanner |
| Tuner4TRONIC Field App | 是                        |

Programmable features

|                       |   |
|-----------------------|---|
| Constant Lumen        | 是 |
| DALI-2 Luminaire Data | 否 |
| Configuration Lock    | 是 |

认证与标准

|           |                                                                                                                 |
|-----------|-----------------------------------------------------------------------------------------------------------------|
| 认证标志 – 认证 | CE / EL / VDE-ENEC / VDE-EMC / EAC / CCC / RCM / BIS                                                            |
| 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 | 85044083900 |
|------|-------------|

Environmental information

| Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) |                                                                                                    |
|-----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Date of Declaration                                                   | 16-06-2023                                                                                         |
| Primary Article Identifier                                            | 4052899957046                                                                                      |
| 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                                      | c1f6bf07-4f79-4da2-b4a6-5881ec3a1708                                                               |

下载数据

| 文件                                                                                  |                                                   |
|-------------------------------------------------------------------------------------|---------------------------------------------------|
|    | User instruction<br>OPTOTRONIC LED Power Supply   |
|   | 证书<br>OT EMC 40050085 200220                      |
|  | 证书<br>OT FIT OTI DALI CB DE1 62965 270220         |
|  | 证书<br>OT ENEC 40038085 010322                     |
|  | 证书<br>OT EMC 40044675 031022                      |
|  | 统一宣言<br>OTi DALI D LT2 UF L CE 3379564 150222     |
|  | 统一宣言<br>OTi DALI D LT2 UF L UK DoC 4281275 101023 |
|  | CAD数据<br>OTI DALI LT2 UFL IGS 211019              |
|  | CAD数据<br>OTI DALI LT2 UFL STEP 211019             |
|  | CAD数据2<br>OTI DALI LT2 UFL CAD2PDF 211019         |
|  | CAD数据3<br>OTI DALI LT2 UFL CAD3PDF 211019         |

产品数据表

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        |
|---------------|--------------------------------------------|---------------|-------------------------|----------|-----------|
| 4052899957046 | OTi DALI<br>75/220...240/700 D LT2<br>UF L | 箱<br>20       | 385 mm x 160 mm x 66 mm | 4.07 dm³ | 3717.00 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](http://www.myosram.com) and downloading the Tuner4TRONIC 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.