

## OPTOTRONIC - DEXAL NFC IP20

D4i, DEXAL, AstroDIM, StepDIM - constant current LED drivers



### Características do produto

- Faixa de saída de corrente: 70...1.050 mA
- Consumo de energia em stand-by: < 0,5 W

### Benefícios do produto

- For Zhaga Book18 Luminaires and D4i certified incl. Parts 25x + AUX
- Baixa tolerância de rendimento luminoso através da baixa tolerância da corrente de saída de  $\pm 3\%$

### Áreas de aplicação

- Iluminação viária e urbana
- Indústria
- Indicado para aplicações de exterior em luminárias com IP > 54
- Indicado para uso em luminárias de exterior com classe de proteção I e II

## Ficha técnica da família de produto

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### Informações sobre aplicações

Para obter mais informações sobre aplicações e gráficos acesse a ficha técnica do produto.

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### Texto ficha técnica

- Shut down of output load happens if the input voltage of the load is below the allowed minimum output voltage of the driver. The driver automatically tries to switch on the load cyclically.
  - The driver automatically reduces the output current in case the maximum allowed output power is exceeded, as long as the input voltage of the load is within the declared output voltage range of the driver. In all other cases the driver may shut down the load.
  - The driver is protected against temporary overheating by automatic reduction of the output current.
  - Several external NTCs are supported for temperature protection of the LED module or luminaire. The type of NTC can be selected in the programming software in the temperature based mode. By default the resistor based mode is activated with following values: start derating: 6.3 kOhm, end derating 5.0 kOhm, shut off: 4.3 kOhm, derating level 50 %.
  - The constant lumen feature is disabled by default.
  - If any output level is below the physical min level, the physical min level will be used.
  - not relevant
  - The DEXAL interface is polarity sensitive, even if the DEXAL bus power supply in the driver is turned off. Therefore the polarity of all connected drivers should not be mixed.
  - For efficiency and standby power measurement, the D4i bus power supply shall be switched off by using Tuner4TRONIC. Refer to [www.tuner4tronic.com](http://www.tuner4tronic.com).
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### Vendas e suporte técnico

Vendas e suporte técnico [www.osram.br](http://www.osram.br)

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### 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.

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### Retratação

Sujeito a alteração sem prévio aviso. Sempre utilize a versão mais recente.

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