NOVA LUCE

PRODUCT DATASHEET

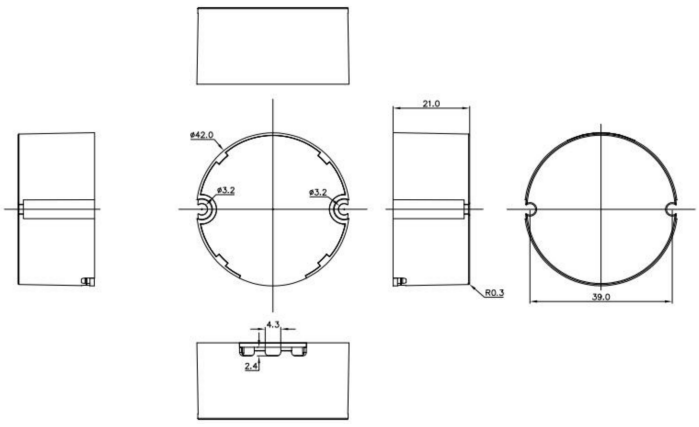
Version: 006 | 25.10.2026

9621544 | Constant-current LED driver 10 W

PRODUCT PHOTOGRAPH



TECHNICAL DRAWING



Dimensions in mm

GENERAL INFORMATION

Product Code	**9621544**
Product Category	**LED Drivers**
Product Family	**Constant Current Drivers**

DIMENSIONS

Diameter x height	**42 x 21 mm**

APPLICATION & MOUNTING

Ambient / case temperature	**Ta -25 to 50 °C; Tc 85 °C**
Ingress protection	**IP20**
Insulation class	**Class II**
Installation	**Built in**

CONTROL

Dimmable	**Yes**
Dimming / control	**DALI-2 / Push; NFC current setting**
Output current setting	**NFC**

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ELECTRICAL DATA

Power (nominal series)	**10 W**
Maximum output power	**10 W**
Input voltage (nominal)	**220-240 VAC**
Input voltage (operating)	**198-264 VAC / 180-280 VDC**
Maximum input current	**0.055 A**
Mains frequency	**0/50/60 Hz**
Output current	**100-500 mA (NFC)**
Output voltage envelope	**2.5-48 VDC (see output limits)**
Output current type	**DC**
Power factor	**≥0.68 @100 mA; ≥0.82 @200 mA; ≥0.85 @300-500 mA**
Efficiency	**80% @500 mA; 82-84% @100-300 mA; 81% @400 mA**

LIFESPAN

Lifetime	**50,000 h @Ta (PDF conditions)**

OUTPUT LIMITS

100-200 mA	**2.5-48 VDC**
300 mA	**2.5-33 VDC**
400 mA	**2.5-25 VDC**
500 mA	**2.5-20 VDC**

PROTECTION & PERFORMANCE

SVM	**≤0.4**
PstLM / Pst	**≤1**

CERTIFICATES

Certificates	**CE, ENEC, UKCA, EAC**

OPERATING NOTES

Output voltage and power depend on the selected current and LED load. Stay within both the voltage window and the maximum output power.

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