

UV-LED AREA LIGHT UVL 450.2/3/4



CE



CE



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TECHNICAL DATA – UVL 450.2

Item no.: 1300291-4
Class according to EM6 (DGZfP): 2
Wavelength, nominal max. (peak):
365 nm +/- 1%
UVA*: approx. 5000 $\mu\text{W}/\text{cm}^2$
(programmable)
UVA source: 16 UV LEDs
Day-light component*: <20 lx
Light distribution: (UVA > 1000
 $\mu\text{W}/\text{cm}^2$)*: approx. 480 mm x 410 mm
Cooling: passive cooling thermal
convection
Operating temperature: 0-45 °C
UV LED lifetime**: up to 20,000 hrs
Control unit: 2 internal (NFC)
Supply cable: 3 m
Supply voltage: 110-230 V / 50 Hz
Dimensions: (HxWxD): 50x590x315
mm
Weight: approx. 10.0 kg

*Measured according to ASTM =
380mm and EM-6 = 400mm to the
surface.

** Under laboratory conditions
according to manufacturer's
specifications

TECHNICAL DATA – UVL 450.3

Item no.: 1300290-4
Class according to EM6 (DGZfP): 2
Wavelength, nominal max. (peak):
365 nm +/- 1%
UVA*: approx. 5000 $\mu\text{W}/\text{cm}^2$
(programmable)
UVA source: 24 UV LEDs
Day-light component*: <20 lx
Light distribution: (UVA > 1000
 $\mu\text{W}/\text{cm}^2$)*: approx. 650 mm x 410 mm
Cooling: passive cooling thermal
convection
Operating temperature: 0-45 °C
UV LED lifetime**: up to 20,000 hrs
Control unit: 2 internal (NFC)
Supply cable: 3 m
Supply voltage: 110-230 V / 50 Hz
Dimensions: (HxWxD): 50x750x315
mm
Weight: approx. 12.0 kg

*Measured according to ASTM =
380mm and EM-6 = 400mm to the
surface.

** Under laboratory conditions
according to manufacturer's
specifications

TECHNICAL DATA – UVL 450.4

Item no.: 1300292-4
Class according to EM6 (DGZfP): 2
Wavelength, nominal max. (peak):
365 nm +/- 1%
UVA*: approx. 5000 $\mu\text{W}/\text{cm}^2$
(programmable)
UVA source: 32 UV LEDs
Day-light component*: <20 lx
Light distribution: (UVA > 1000
 $\mu\text{W}/\text{cm}^2$)*: approx. 850 mm x 410 mm
Cooling: passive cooling thermal
convection
Operating temperature: 0-45 °C
UV LED lifetime**: up to 20,000 hrs
Control unit: 2 internal (NFC)
Supply cable: 3 m
Supply voltage: 110-230 V / 50 Hz
Dimensions: (HxWxD): 50x910x315
mm
Weight: approx. 14.0 kg

*Measured according to ASTM =
380mm and EM-6 = 400mm to the
surface.

** Under laboratory conditions
according to manufacturer's
specifications

NFC (Near Field Communication) Parameters can
be changed without opening the luminaire.

Temperature monitoring intelligent power supply
Data such as duty cycle, temperature, power... can
be read out

Meets the specifications of:

- DIN EN ISO 3059
- ASTM E3022
- RRES 90061 Rev. 0

Energy savings due to state-of-the-art high-power LED
technology

No noise emission due to cooling technology via thermal
convection

Homogeneous light pattern

Presence detector for efficient use

Switchable day-light

Risk class **EM6 (DGZfP): 2**

Modular design (expandable to the desired test task)