

**Order No.:** 51HN12DB3MMA | **GTIN (EAN):** 4069025424785

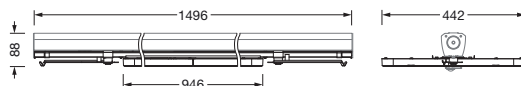
**Product description:** HB11/Mod-mx,wd,28480lm830,DA2



high bay luminaire Highbay 11 for Modario® trunking rail maxi; direct symmetric wide distribution, light control with lens of PMMA; UGR  $\leq 22$  (X = 4H | Y = 8H | S = 0.25H | reflection values 70/50/20); luminous flux: 28.480lm; light colour: 830, colour temperature: 3000K, MacAdam  $\leq 2$  SDCM (initial), colour rendering: CRI > 80; luminous efficacy: 194,7lm/W; rated service life: 100.000h (L95/B50) at AT= 25°C; control: DALI 2; luminaire connection: plug, 5-pole, with phase selection mains connection: 230..240V, AC 50/60Hz; connected load: 146,3W; protection rating (complete): IP64; insulation class (complete): insulation class I (protective earthing); protection symbol: D; impact resistance: IK07; certification: CE, ENEC, VDE, UKCA; internal wiring halogen-free; luminaire corresponds to IFS (International Featured Standards) requirements for safety and quality in the food industry; LABS conformity tested according to VDMA 24364:2018-05; housing frame of high-performance plastic PA6, matt traffic white (RAL 9016); cover of PMMA; fixing on rail side of steel, galvanised, white; blank cover of PC, traffic white (RAL 9016); dimension (LxWxH): 1.496 x 442 x 72mm; permissible operating ambient temperature: -40..+55°C (reducing of maximum allowable ambient temperature of 5°C with ceiling mounting); packaging unit: 1 piece



Lamps:	LED
Wt. (kg):	7.0
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**Detailed technical description:** HB11/Mod-mx,wd,28480lm830,DA2



## Key data

- Product type: high bay luminaire
- Product name: Highbay 11 for Modario® trunking rail maxi
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## Lighting technology | Lamps | Control gear

### Component 1

#### Lighting technology:

- Light control: lens of PMMA
- Cover: cover
- Beam angle: wide distribution
- Symmetry: symmetric
- Light emission: direct distribution
- UGR viewing direction along longitudinal luminaire axis:  $\leq 22$
- UGR viewing direction along lateral luminaire axis:  $\leq 22$

#### Lamps:

- Lamps: with LED
- Rated luminous flux: 28480lm
- Luminous efficacy: 195lm/W
- Colour temperature: 3000K
- Colour rendering index: CRI > 80
- Light colour: 830
- SDCM (Standard Deviation of Colour Matching): MacAdam  $\leq 2$  SDCM (initial)
- Rated input power: 146.3W
- Supplement: internal wiring halogen-free

#### Operating device:

- Control: DALI 2

#### Certificates, Standards

- Protection rating: IP64
- Insulation class: insulation class I (protective earthing)
- Impact resistance: IK07
- Protection symbol: D
- Temperature range (operation): -40...+55°C
- Supplement: corresponds to IFS (International Featured Standards) requirements for safety and quality in the food industry, LABS conformity tested according to VDMA 24364:2018-05
- Certification, designation: CE, ENEC, VDE, UKCA

## Material, Colour

- housing frame: high-performance plastic PA6, matt traffic white (RAL 9016)
- Colour specification: matt traffic white (RAL 9016)
- fixing on rail side: steel, galvanised, white
- Colour specification: white
- blank cover: PC, traffic white (RAL 9016)
- Colour specification: traffic white (RAL 9016)
- Cover: cover of PMMA

## Mounting

- Arrangement: continuous row arrangement

## Electrical connection

- Connection: plug, 5-pole, with phase selection
- Nominal voltage: 230...240V, 50/60Hz, AC

## Dimensions, Weight

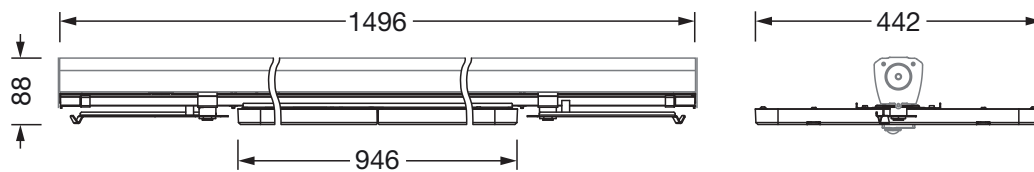
- Length: 1496mm
- Width: 442mm
- Height: 72mm
- Weight: 7.0kg

## Service life

- Rated service life: 100000h (L95/B50) at AT = 25°C, 100000h (L90/B50) at AT = ta max

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**Dimensions:** HB11/Mod-mx,wd,28480lm830,DA2



It is mandatory that the assembly instructions must be observed when planning and installing the electrical installation (to be found at [www.siteco.com](http://www.siteco.com))

Tolerances related to thermal, electrical and photometric data according to IEC 62722

Issued 09.05.2025 - Modifications and errors subject to change - Ensure that you always use the latest version -