

**Order No.:** 51HN12DB4MMA | **GTIN (EAN):** 4069025419668

**Product description:** HB11/Mod-mx,wd,30000lm840,DA2

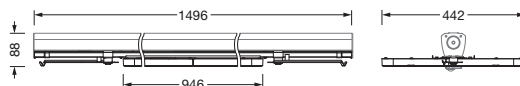


high bay luminaire Highbay 11 for Modario trunking rail maxi; direct symmetric wide distribution, light control with lens of PMMA;  $UGR \leq 22$  ( $X = 4H$  |  $Y = 8H$  |  $S = 0.25H$  | reflection values 70/50/20); luminous flux: 30.000lm; light colour: 840, colour temperature: 4000K, MacAdam  $\leq 2$  SDCM (initial), colour rendering: CRI  $> 80$ ; luminous efficacy: 204,8lm/W; rated service life: 100.000h (L95) at  $AT = 25^\circ C$ ; control: DALI 2; luminaire connection: plug, 5-pole, with phase selection mains connection: 230..240V, AC 50/60Hz; connected load: 146,5W; protection rating (complete): IP20; insulation class (complete): insulation class I (protective earthing); protection symbol: D; impact resistance: IK06; certification: CE, UKCA; internal wiring halogen-free; luminaire LABS conformity tested according to VDMA 24364:2018-05; Suitable for use in the food industry according to the specifications of IFS-Food, HACCP and/or BRC; 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:  $-40..+55^\circ C$  (reducing of maximum allowable ambient temperature of  $5^\circ C$  with ceiling mounting); packaging unit: 1 piece

IP 20 IK 06



|             |               |
|-------------|---------------|
| Lamps:      | LED           |
| Wt. (kg):   | 7.0           |
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**Detailed technical description:** HB11/Mod-mx,wd,30000lm840,DA2



## Key data

- Product type: high bay luminaire
- Product name: Highbay 11 for Modario trunking rail maxi
- Order No.: 51HN12DB4MMA

## 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: 30000lm
- Luminous efficacy: 205lm/W
- Colour temperature: 4000K
- Colour rendering index: CRI > 80
- Light colour: 840
- SDCM (Standard Deviation of Colour Matching): MacAdam  $\leq 2$  SDCM (initial)
- Rated input power: 146.5W
- Supplement: internal wiring halogen-free

#### Operating device:

- Control: DALI 2

## Certificates, Standards

- Protection rating: IP20
- Insulation class: insulation class I (protective earthing)
- Impact resistance: IK06
- Protection symbol: D
- Temperature range (operation): -40...+55°C
- Supplement: LABS conformity tested according to VDMA 24364:2018-05, Suitable for use in the food industry according to the specifications of IFS-Food, HACCP and/or BRC
- Standard: EPBD ready: DALI 2 ECG, certified according to IEC62386, parts 251 (Luminaire Data), 252 (Energy Data), 253 (Diagnostics & Maintenance Data)
- Certification, designation: CE, UKCA

## Material, Colour

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

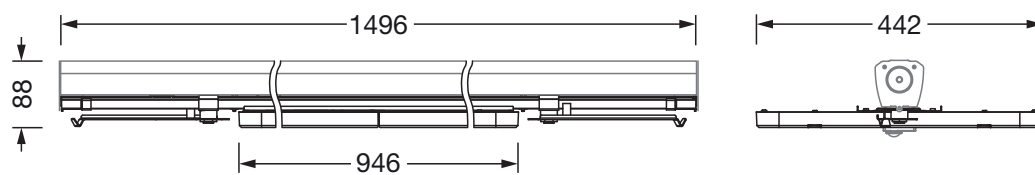
- Length: 1496mm
- Width: 442mm
- Height: 72mm
- Weight: 7.0kg

## Service life

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

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**Dimensions:** HB11/Mod-mx,wd,30000lm840,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 17.08.2026 - Modifications and errors subject to change - Ensure that you always use the latest version -