

Order No.: 51HN12DB4REA | **GTIN (EAN):** 4069025256416

Product description: HB11mx,wd,42500lm840,DA2,TW



high bay luminaire Highbay 11 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: 42.500lm; light colour: 840, colour temperature: 4000K, MacAdam ≤ 2 SDCM (initial), colour rendering: CRI > 80; luminous efficacy: 198,9lm/W; rated service life: 100.000h (L95) at AT= 25°C; control: DALI 2; luminaire connection: 2x terminal, 5-pole, max. 2.5mm² with through-wiring: 1x feed-in / 1x feed-out (cable entry for two cables, Ø 8.5..13mm); mains connection: 230..240V, AC/DC 0/50..60Hz; connected load: 213,7W; protection rating (complete): IP66; insulation class (complete): insulation class I (protective earthing); protection symbol: D; impact resistance: IK08; certification: CE, ENEC, VDE, UKCA; luminaire for central battery installations according to EN 60598-2-22, 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; dimension (LxWxH): 946 x 442 x 72mm; permissible operating ambient temperature: -40..+50°C (reducing of maximum allowable ambient temperature of 5°C with ceiling mounting); packaging unit: 1 piece; (delivery without accessories; please order mounting accessories separately)



Lamps:	LED
Wt. (kg):	7.1
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Detailed technical description: HB11mx,wd,42500lm840,DA2,TW



Key data

- Product type: high bay luminaire
- Product name: Highbay 11 maxi
- Order No.: 51HN12DB4REA

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: ≤ 22
- UGR viewing direction along lateral luminaire axis: ≤ 22

Lamps:

- Lamps: with LED
- Rated luminous flux: 42500lm
- Luminous efficacy: 199lm/W
- Colour temperature: 4000K
- Colour rendering index: CRI > 80
- Light colour: 840
- SDCM (Standard Deviation of Colour Matching): MacAdam ≤ 2 SDCM (initial)
- Rated input power: 213.7W
- Supplement: internal wiring halogen-free

Operating device:

- Control: DALI 2

Component 2

Operating device:

- Switching method: for central battery installations according to EN 60598-2-22

Certificates, Standards

- Protection rating: IP66
- Insulation class: insulation class I (protective earthing)
- Impact resistance: IK08
- Protection symbol: D
- Temperature range (operation): -40...+50°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: EN 60598-2-22, EPBD ready: DALI 2 ECG, certified according to IEC62386, parts 251 (Luminaire Data), 252 (Energy Data), 253 (Diagnostics & Maintenance Data)
- Certification, designation: CE, ENEC, VDE, UKCA

Material, Colour

- housing frame: high-performance plastic PA6, matt traffic white (RAL 9016)
- Cover: cover of PMMA

Mounting

- Mounting method, mounting location: suspended mounting, surface-mounted, to wire, to the ceiling, to the wall, to the chain
- Arrangement: single arrangement

Electrical connection

- Connection: 2x terminal, 5-pole, max. 2.5mm²
- Nominal voltage: 230..240V, 0/50..60Hz, AC/DC
- Through-wiring: with through-wiring: 1x feed-in / 1x feed-out

Dimensions, Weight

- Length: 946mm
- Width: 442mm
- Height: 72mm
- Weight: 7.1kg

Service life

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