

Order No.: 52HN12DB4MBA | **GTIN (EAN):** 4069025441102

Product description: HB21mx,wd,28000lm840,DA2,bir



high bay luminaire Highbay 21 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: 28.000lm; light colour: 840, colour temperature: 4000K, MacAdam ≤ 3 SDCM (initial), colour rendering: CRI > 80; luminous efficacy: 194,4lm/W; rated service life: 75.000h (L80) at AT= ta max; control: DALI 2; luminaire connection: terminal, 5-pole, max. 2.5mm² (cable entry for one cable, Ø 8.5..16mm); mains connection: 230..240V, AC/DC 0/50..60Hz; connected load: 144W; protection rating (complete): IP40; 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; ball impact resistant only with use of appropriate mounting accessories; 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..+65°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):	7.0
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Detailed technical description: HB21mx,wd,28000lm840,DA2,bir



Key data

- Product type: high bay luminaire
- Product name: Highbay 21 maxi
- Order No.: 52HN12DB4MBA

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: 28000lm
- Luminous efficacy: 194lm/W
- Colour temperature: 4000K
- Colour rendering index: CRI > 80
- Light colour: 840
- SDCM (Standard Deviation of Colour Matching): MacAdam ≤ 3 SDCM (initial)
- Rated input power: 144W
- Supplement: internal wiring halogen-free

Operating device:

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

Component 2

Certificates, Standards

- Protection rating: IP40
- Insulation class: insulation class I (protective earthing)
- Impact resistance: IK08
- Protection symbol: D
- Temperature range (operation): -40...+65°C
- Supplement: LABS conformity tested according to VDMA 24364:2018-05, ball impact resistant only with use of appropriate mounting accessories, Suitable for use in the food industry according to the specifications of IFS-Food, HACCP and/or BRC
- Standard: EN 60598-2-22
- 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)
- 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: terminal, 5-pole, max. 2.5mm²
- Nominal voltage: 230..240V, 0/50..60Hz, AC/DC

Dimensions, Weight

- Length: 946mm
- Width: 442mm
- Height: 72mm
- Weight: 7.0kg

Service life

- Rated service life: 75000h (L80) at AT = ta max