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Order No.: 52HN12DA4FBA | **GTIN (EAN):** 4069025441003
Product description: HB21md,wd,14000lm840,DA2,bir

high bay luminaire Highbay 21 midi; direct symmetric wide distribution, light control with lens of PMMA; UGR ≤ 22 (X = 4H | Y = 8H | S = 0.25H | reflection values 70/50/20); luminous flux: 14.000lm; light colour: 840, colour temperature: 4000K, MacAdam ≤ 3 SDCM (initial), colour rendering: CRI > 80; luminous efficacy: 194,2lm/W; rated service life: 75.000h (L80/B50) 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: 72,1W; 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 DIN 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): 474 x 442 x 72mm; permissible operating ambient temperature: -40..+70°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)

IP 40   IK 08   CE

Lamps:	LED
Wt. (kg):	3.7
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Detailed technical description: HB21md,wd,14000lm840,DA2,bir

Key data
— Product type: high bay luminaire
— Product name: Highbay 21 midi
— Order No.: 52HN12DA4FBA

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: 14000lm
— 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: 72.1W
— Supplement: internal wiring halogen-free

Operating device:
— Switching method: for central battery installations according to DIN 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..+70°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: 474mm
— Width: 442mm
— Height: 72mm
— Weight: 3.7kg

Service life
— Rated service life: 75000h (L80/B50) at AT = ta max