

Order No.: 51HD3XMBMN0A | **GTIN (EAN):** 4069025768841

Product description: HB41L,rot.sym,wd,90°,31960lm840/850/865

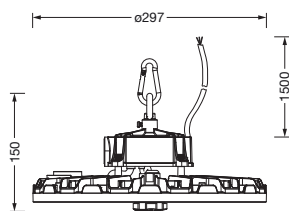


Highbay 41-L, high bay luminaire, primary light control with lens, of PC, primary optical cover: cover panel, of PC, transparent, light emission: direct distribution, primary light characteristic: rotationally symmetric, installation type: suspended mounting, surface-mounted, LED, rated luminous flux: 28.000lm, luminous efficacy: 170lm/W, light colour: 840/850/865, colour temperature: 4000/5000/6500K, control gear: ON/OFF Multilumen, with cable, 3x 1.0mm², free wire ends, mains connection: 220..240V, AC, 50Hz, cable length: 1,5m, rated input power: 165W, housing, rotationally symmetric, of diecast aluminium, traffic black (RAL 9017), with hook on luminaire side, diameter: 297mm, height: 114mm, protection rating (complete): IP65, insulation class (complete): insulation class I (protective earthing), certification: CE, UKCA, protection symbol: D, impact resistance: IK08, permissible operating ambient temperature: -25..+45°C, corresponds to IFS (International Featured Standards) requirements for safety and quality in the food industry, packaging unit: 1 piece

IP 65 IK 08



Lamps:	LED
Wt. (kg):	2.4
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It is mandatory that the assembly instructions must be observed when planning and installing the electrical installation (to be found at www.siteco.de)

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

Issued 07.08.2026 - Modifications and errors subject to change - Ensure that you always use the latest version -

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Detailed technical description: HB41L,rot.sym,wd,90°,31960lm840/850/865



Key data

- Product type: high bay luminaire
- Product name: Highbay 41-L
- Order No.: 51HD3XMBMN0A

Lighting technology | Lamps | Control gear

Component 1

Lighting technology:

- Light control: lens of PC
- Cover: cover panel, transparent
- Beam angle: wide distribution, 90°
- Symmetry: rotationally symmetric
- Light emission: direct distribution
- UGR viewing direction along longitudinal luminaire axis: ≥ 25
- UGR viewing direction along lateral luminaire axis: ≥ 25

Lamps:

- Lamps: with LED
- Rated luminous flux: 28000lm
- Luminous efficacy: 170lm/W
- Colour temperature: 4000/5000/6500K
- Colour rendering index: CRI > 80
- Light colour: 840/850/865
- SDCM (Standard Deviation of Colour Matching): MacAdam ≤ 4 SDCM (initial)
- Rated input power: 165W

Operating device:

- Control: ON/OFF Multilumen

Certificates, Standards

- Protection rating: IP65
- Insulation class: insulation class I (protective earthing)
- Impact resistance: IK08
- Protection symbol: D
- Temperature range (operation): -25...+45°C
- Supplement: corresponds to IFS (International Featured Standards) requirements for safety and quality in the food industry
- Certification, designation: CE, UKCA

Material, Colour

- housing: diecast aluminium, traffic black (RAL 9017), rotationally symmetric, with hook on luminaire side
- Quantity: 1 piece
- Cover: cover panel of PC

Mounting

- Mounting method, mounting location: suspended mounting, surface-mounted, to mounting bracket, to the chain, to the ceiling / to the wall
- Mounting height: 6..20m
- Arrangement: single arrangement
- Supplement: only suitable for use in indoor areas, mounting accessories required, please order separately

Electrical connection

- Connection: cable, 3x 1.0mm², free wire ends
- Nominal voltage: 220..240V, 50Hz, AC

Dimensions, Weight

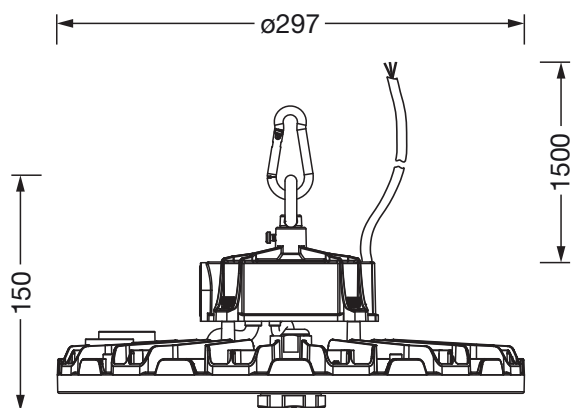
- Diameter: 297mm
- Height: 114mm
- Weight: 2.4kg

Service life

- Rated service life: 60000h (L85) at AT = 25°C

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