

**Order No.:** 51HC427A4MMC | **GTIN (EAN):** 4069025251183

**Product description:** HB31L,rot.sym,90°,28000lm840,0/1



Highbay 31-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, colour temperature: 4000K, control gear: ON/OFF, with cable, 3x 1.0mm<sup>2</sup>, free wire ends, mains connection: 220..240V, AC/DC, 0/50..60Hz, cable length: 1,5m, rated input power: 165W, housing, rotationally symmetric, of diecast aluminium, powder-coated, grey aluminium (RAL 9007), with hook on luminaire side, incl. screw, diameter: 406mm, protection rating (complete): IP65, insulation class (complete): insulation class I (protective earthing), certification: CE, ENEC, UKCA, protection symbol: D, impact resistance: IK08, permissible operating ambient temperature: -30..+45°C, standard: EN 60598, EN 60598-2-22, corresponds to IFS (International Featured Standards) requirements for safety and quality in the food industry, packaging unit: 1 piece



Lamps:	LED
Wt. (kg):	3.0
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**Detailed technical description:** HB31L,rot.sym,90°,28000lm840,0/1

## Key data

- Product type: high bay luminaire
- Product name: Highbay 31-L
- Order No.: 51HC427A4MMC

## Lighting technology | Lamps | Control gear

### Component 1

#### Lighting technology:

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

#### Lamps:

- Lamps: with LED
- Rated luminous flux: 28000lm
- Luminous efficacy: 170lm/W
- Colour temperature: 4000K
- Colour rendering index: CRI  $> 80$
- Light colour: 840
- SDCM (Standard Deviation of Colour Matching): MacAdam  $\leq 4$  SDCM (initial)
- Rated input power: 165W
- Supplement: for emergency light function, for central battery installations according to DIN EN 60598-2-22, without flicker

#### Operating device:

- Control gear: ECG
- Control: ON/OFF

## Certificates, Standards

- Protection rating: IP65
- Insulation class: insulation class I (protective earthing)
- Impact resistance: IK08
- Protection symbol: D
- Temperature range (operation): -30..+45°C
- Supplement: corresponds to IFS (International Featured Standards) requirements for safety and quality in the food industry
- Standard: EN 60598, EN 60598-2-22
- Certification, designation: CE, ENEC, UKCA

## Material, Colour

- housing: diecast aluminium, powder-coated, grey aluminium (RAL 9007), rotationally symmetric, with hook on luminaire side, incl. screw
- Quantity: 1 piece
- Colour specification: grey aluminium (RAL 9007)
- Cover: cover panel of PC

## Mounting

- Mounting method, mounting location: suspended mounting, surface-mounted, to the ceiling, to the chain
- Arrangement: single arrangement
- Supplement: only suitable for use in indoor areas, mounting accessories required, please order separately

## Electrical connection

- Connection: cable, 3x 1.0mm<sup>2</sup>, free wire ends
- Nominal voltage: 220..240V, 0/50..60Hz, AC/DC

## Dimensions, Weight

- Diameter: 406mm
- Weight: 3.0kg

## Service life

- Rated service life: 100000h (L70/B50) at AT = 35°C, 70000h (L80/B50) at AT = 45°C, 50000h (L85/B50) at AT = 45°C