siteco

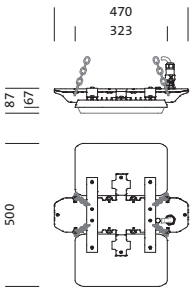
Order No.: 51HLASD14FGA | **GTIN (EAN):** 4058352367407

Product description: HB11,wd,14400lm840,DA,bir

Highbay 11, LED high bay luminaire, primary light control with lens, of PMMA, light emission: direct distribution, primary light characteristic: symmetric, installation type: suspended mounting, for 1x 2x LED, rated luminous flux: 14.400lm, luminous efficacy: 177lm/W, light colour: 840, colour temperature: 4000K, control gear: DALI, with terminal, 5-pole, max. 2.5mm², mains connection: 230..240V, AC, 50/60Hz, rated input power: 81W, LED unit, of diecast aluminium, unplated, bead blasted, silver, length: 470mm, width: 500mm, height: 65mm, housing, of diecast aluminium, uncoated, bead blasted, silver, protection rating (complete): IP20, insulation class (complete): insulation class I (protective earthing), certification: CE, ENEC, VDE, UKCA, protection symbol: D, ball protection: ball impact resistant according to DIN VDE 0710 part 13 (with chain suspension), permissible operating ambient temperature: -35..+55°C, corresponds to IFS (International Featured Standards) requirements for safety and quality in the food industry, reducing of maximum allowable ambient temperature of 5°C with ceiling mounting, packaging unit: 1 piece

IP 20

Lamps:	1x 2x LED
Wt. (kg):	4.3
GTIN (EAN):	4058352367407



It is mandatory that the assembly instructions must be observed when planning and installing the electrical installation (to be found at www.siteco.com)
Tolerances related to thermal, electrical and photometric data according to IEC 62722
Issued 27.09.2024 - Modifications and errors subject to change - Ensure that you always use the latest version -

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Order No.: 51HLASD14FGA | **GTIN (EAN):** 4058352367407

Detailed technical description: HB11,wd,14400lm840,DA,bir

Key data
- Product type: LED high bay luminaire
- Product name: Highbay 11
- Order No.: 51HLASD14FGA

Lighting technology | Lamps | Control gear

Component 1

Lighting technology:
- Light control: lens of PMMA
- 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 1x 2x LED
- Rated luminous flux: 14400lm
- Luminous efficacy: 177lm/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: 81W

Operating device:
- Control gear: ECG DALI
- Control: DALI

Certificates, Standards
- Protection rating: IP20
- Insulation class: insulation class I (protective earthing)
- Protection symbol: D
- Temperature range (operation): -35..+55°C
- Supplement: corresponds to IFS (International Featured Standards) requirements for safety and quality in the food industry, reducing of maximum allowable ambient temperature of 5°C with ceiling mounting
- Certification, designation: CE, ENEC, VDE, UKCA

Material, Colour
- LED unit: diecast aluminium, unplated, bead blasted, silver
- Quantity: 2 piece
- Colour specification: silver
- housing: diecast aluminium, uncoated, bead blasted, silver
- Quantity: 1 piece
- Colour specification: silver

Mounting
- Mounting method, mounting location: suspended mounting, to the chain
- Mounting height: 6..20m
- Arrangement: single arrangement
- Supplement: only suitable for indoor use, mounting accessories required, please order separately

Electrical connection
- Connection: terminal, 5-pole, max. 2.5mm²
- Nominal voltage: 230..240V, 50/60Hz, AC

Dimensions, Weight
- Length: 470mm
- Width: 500mm
- Height: 65mm
- Weight: 4.3kg

Service life
- Rated service life: 100000h (L85/B50) at AT = 25°C, 70000h (L85/B50) at AT = 55°C

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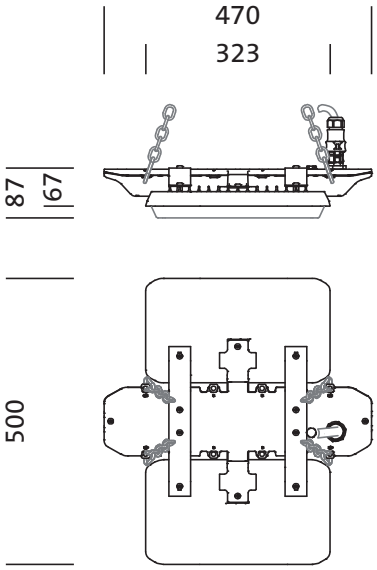
Dimensions: HB11,wd,14400lm840,DA,bir



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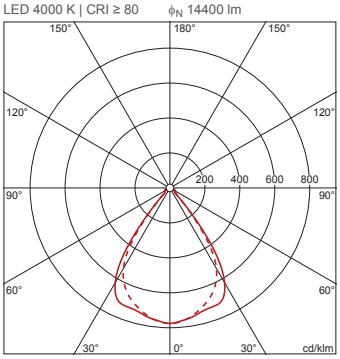
Order No.: 51HLASD14FGA | **GTIN (EAN):** 4058352367407

Planning data: HB11,wd,14400lm840,DA,bir

51HLASD14FGA: 1x LED

4058352367407
51HLASD14FGA
LED 4000 K | CRI ≥ 80 ϕ_N 14400 lm



$\phi_{\downarrow}$ 100% $\phi_{\uparrow}$ 0%

Luminance values (cd/m²)

	C 0/180	C 90/270
L_{80}	3023	5090
L_{70}	11375	12320
L_{65}	11719	11191

UGR	21	20.9

X 4H Y 8H ρ 70/50/20 S 0.25H

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