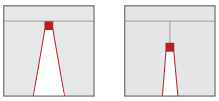
siteco

Order No.: 51HLA1D14FCA | **GTIN (EAN):** 4058352321720

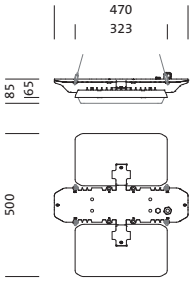
Product description: HB11,nrrw,14060lm840,DA



Highbay 11, LED high bay luminaire, primary light control with lens, of PMMA, light emission: direct distribution, primary light characteristic: symmetric, installation type: surface-mounted, suspended mounting, for 1x 2x LED, rated luminous flux: 14.060lm, luminous efficacy: 173lm/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): IP65, insulation class (complete): insulation class I (protective earthing), certification: CE, ENEC, VDE, UKCA, protection symbol: D, impact resistance: IK08 with glass or PC cover, permissible operating ambient temperature: -35..+55°C, reducing of maximum allowable ambient temperature of 5°C with ceiling mounting, corresponds to IFS (International Featured Standards) requirements for safety and quality in the food industry, packaging unit: 1 piece

IP 65

Lamps:	1x 2x LED
Wt. (kg):	4.3
GTIN (EAN):	4058352321720



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
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Order No.: 51HLA1D14FCA | **GTIN (EAN):** 4058352321720

Detailed technical description: HB11,nrrw,14060lm840,DA

Key data
- Product type: LED high bay luminaire
- Product name: Highbay 11
- Order No.: 51HLA1D14FCA

Lighting technology | Lamps | Control gear

Component 1

Lighting technology:
- Light control: lens of PMMA
- Beam angle: narrow 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: 14060lm
- Luminous efficacy: 173lm/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: IP65
- Insulation class: insulation class I (protective earthing)
- Impact resistance: IK08 with glass or PC cover
- 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, surface-mounted, to wire, to the ceiling, 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: 50000h (L80/B10) at AT = 25°C, 100000h (L85/B50) at AT = 25°C, 70000h (L85/B50) at AT = ta max

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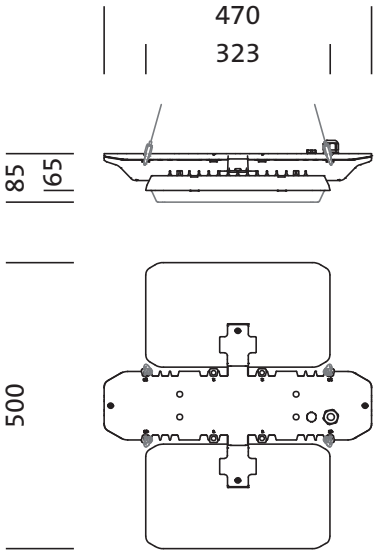
Order No.: 51HLA1D14FCA | **GTIN (EAN):** 4058352321720

Dimensions: HB11,nrrw,14060lm840,DA



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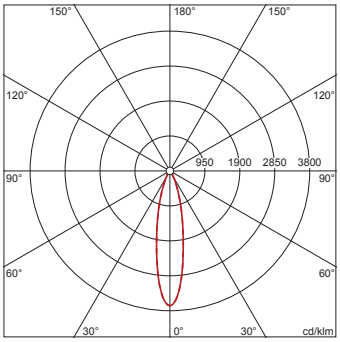
Order No.: 51HLA1D14FCA | **GTIN (EAN):** 4058352321720

Planning data: HB11,nrrw,14060lm840,DA

51HLA1D14FCA: 1x LED

4058352321720
51HLA1D14FCA
LED 4000 K | CRI ≥ 80 ϕ_N 14060 lm



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

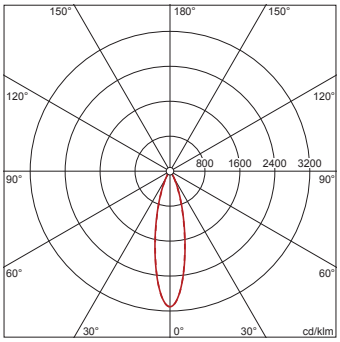
Luminance values (cd/m²)

	C 0/180	C 90/270
L_{80}	5430	9184
L_{70}	11335	8582
L_{65}	11705	8502

UGR 20.5 20.1
X 4H Y 8H ρ 70/50/20 S 0.25H

51HLA1D14FCA + 59HL91001: 1x LED

4058352321720 + 4058352323519
51HLA1D14FCA + 59HL91001
LED 4000 K | CRI ≥ 80 ϕ_N 13570 lm



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

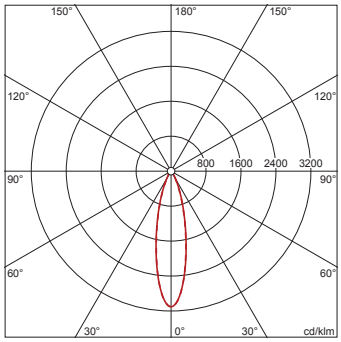
Luminance values (cd/m²)

	C 0/180	C 90/270
L_{80}	4538	7689
L_{70}	12260	10495
L_{65}	14183	11050

UGR 21.3 20.9
X 4H Y 8H ρ 70/50/20 S 0.25H

51HLA1D14FCA + 59HL91002: 1x LED

4058352321720 + 4058352341650
51HLA1D14FCA + 59HL91002
LED 4000 K | CRI ≥ 80 ϕ_N 12800 lm



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

Luminance values (cd/m²)

	C 0/180	C 90/270
L_{80}	4281	7253
L_{70}	11564	9900
L_{65}	13379	10423

UGR 21.1 20.7
X 4H Y 8H ρ 70/50/20 S 0.25H

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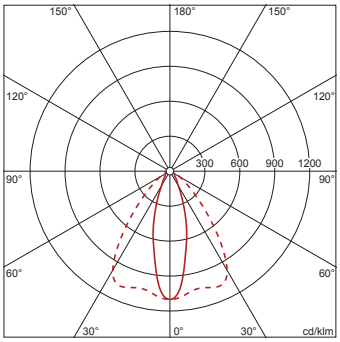
Order No.: 51HLA1D14FCA | **GTIN (EAN):** 4058352321720

Planning data: HB11,nrrw,14060lm840,DA

51HLA1D14FCA + 59HL91003: 1x LED

4058352321720 + 4058352341667
51HLA1D14FCA + 59HL91003
LED 4000 K | CRI ≥ 80 ϕ_N 12810 lm



$\phi_{\downarrow}$ 99% $\phi_{\uparrow}$ 1%

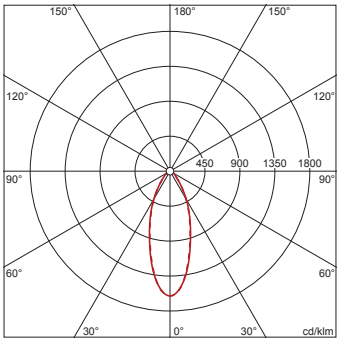
Luminance values (cd/m²)

	C 0/180	C 90/270
L80	9066	10613
L70	7514	16246
L65	8983	18348

UGR 21.1 25.2
X 4H Y 8H ρ 70/50/20 S 0.25H

51HLA1D14FCA + 59HL91004: 1x LED

4058352321720 + 4058352341674
51HLA1D14FCA + 59HL91004
LED 4000 K | CRI ≥ 80 ϕ_N 13040 lm



$\phi_{\downarrow}$ 99% $\phi_{\uparrow}$ 1%

Luminance values (cd/m²)

	C 0/180	C 90/270
L80	9250	5857
L70	8898	8677
L65	10734	9114

UGR 22 21.1
X 4H Y 8H ρ 70/50/20 S 0.25H

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