

Order No.: 51HLA2D14GLA | **GTIN (EAN):** 4058352361467

Product description: HB11,wd,16580lm840,DA

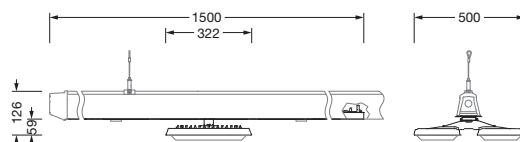


Highbay 11, LED high bay luminaire, end cap, primary light control with lens, of PMMA, light emission: direct distribution, primary light characteristic: symmetric, installation type: recessed, for 1x 2x LED, rated luminous flux: 16.580lm, luminous efficacy: 175lm/W, light colour: 840, colour temperature: 4000K, control gear: ECG DALI, with system connector, mains connection: 230..240V, AC, 50/60Hz, rated input power: 95W, LED unit, of diecast aluminium, bead blasted, unplated, silver, for tool-free mounting of luminaire to Licross® trunking rail, length: 1.500mm, width: 500mm, height: 65mm, housing, of diecast aluminium, uncoated, bead blasted, silver, fixing on rail side, of aluminium, anodised, metallic grey, end cap, of PC, grey, protection rating (complete): IP64, insulation class (complete): insulation class I (protective earthing), certification: CE, UKCA, protection symbol: D, impact resistance: IK08 with glass or PC cover, permissible operating ambient temperature: -35...+45°C, corresponds to IFS (International Featured Standards) requirements for safety and quality in the food industry, packaging unit: 1 piece

IP 64



Lamps:	1x 2x LED
Wt. (kg):	5.0
GTIN (EAN):	4058352361467



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 27.10.2023 - Modifications and errors subject to change - Ensure that you always use the latest version -

Order No.: 51HLA2D14GLA | **GTIN (EAN):** 4058352361467

Detailed technical description: HB11,wd,16580lm840,DA

Key data

- Product type: LED high bay luminaire
- Product name: Highbay 11
- Order No.: 51HLA2D14GLA

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: 16580lm
- Luminous efficacy: 175lm/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: 95W

Operating device:

- Control gear: ECG DALI
- Control: DALI

Certificates, Standards

- Protection rating: IP64
- Insulation class: insulation class I (protective earthing)
- Impact resistance: IK08 with glass or PC cover
- Protection symbol: D
- Temperature range (operation): -35...+45°C
- Supplement: corresponds to IFS (International Featured Standards) requirements for safety and quality in the food industry
- Certification, designation: CE, UKCA

Material, Colour

- LED unit: diecast aluminium, unplated, bead blasted, silver, for tool-free mounting of luminaire to Licross® trunking rail
- Quantity: 2 piece
- Colour specification: silver
- housing: diecast aluminium, uncoated, bead blasted, silver
- Quantity: 1 piece
- Colour specification: silver
- fixing on rail side: aluminium, anodised, metallic grey
- Quantity: 1 piece
- Colour specification: metallic grey
- end cap: PC, grey
- Colour specification: grey

Mounting

- Mounting method, mounting location: recessed, in the Licross® trunking rail
- Mounting height: 6..20m
- Arrangement: single/continuous arrangement
- Supplement: only suitable for indoor use

Electrical connection

- Connection: system connector
- Nominal voltage: 230..240V, 50/60Hz, AC

Dimensions, Weight

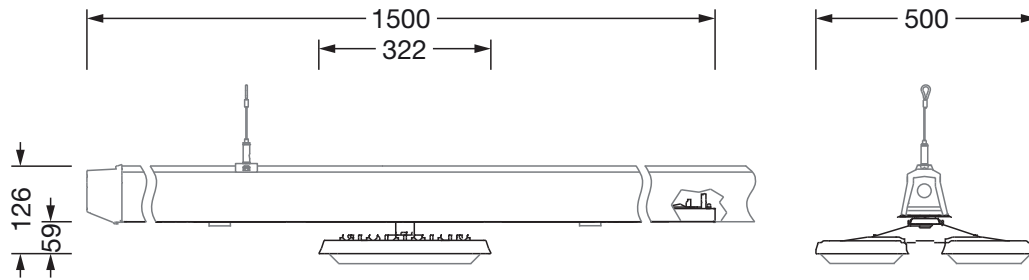
- Length: 1500mm
- Width: 500mm
- Height: 65mm
- Weight: 5.0kg

Service life

- Rated service life: 70000h (L80/B50) at AT = 45°C, 100000h (L85/B50) at AT = 25°C

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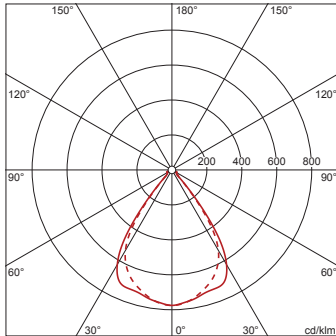
51HLA2D14GLA: 1x LED

4058352361467

51HLA2D14GLA

LED 4000 K | CRI ≥ 80

Φ_N 16580 lm



Φ_L 100% Φ_T 0%

Luminance values (cd/m²)

	C 0/180	C 90/270
L ₈₀	3481	5860
L ₇₀	13097	14185
L ₆₅	13493	12885

UGR 21.5 21.4

X 4H Y 8H ρ 70/50/20 S 0.25H

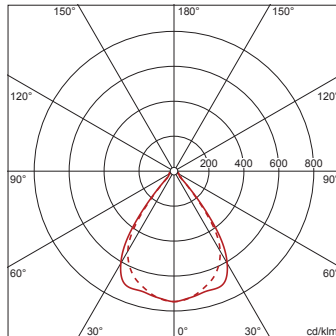
51HLA2D14GLA +
59HL91001: 1x LED

4058352361467 + 4058352323519

51HLA2D14GLA + 59HL91001

LED 4000 K | CRI ≥ 80

Φ_N 15810 lm



Φ_L 100% Φ_T 0%

Luminance values (cd/m²)

	C 0/180	C 90/270
L ₈₀	2470	3688
L ₇₀	11331	11996
L ₆₅	12502	11948

UGR 21.5 21.2

X 4H Y 8H ρ 70/50/20 S 0.25H

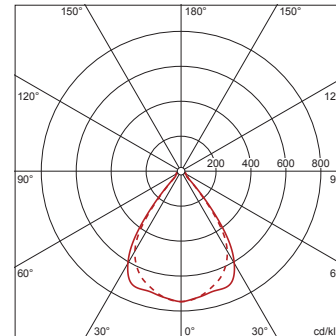
51HLA2D14GLA +
59HL91002: 1x LED

4058352361467 + 4058352341650

51HLA2D14GLA + 59HL91002

LED 4000 K | CRI ≥ 80

Φ_N 14950 lm



Φ_L 100% Φ_T 0%

Luminance values (cd/m²)

	C 0/180	C 90/270
L ₈₀	2336	3487
L ₇₀	10715	11343
L ₆₅	11822	11298

UGR 21.3 21

X 4H Y 8H ρ 70/50/20 S 0.25H

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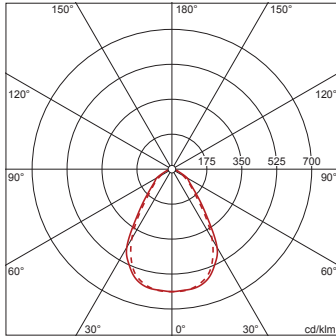
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51HLA2D14GLA +
59HL91004: 1x LED

4058352361467 + 4058352341674

51HLA2D14GLA + 59HL91004

LED 4000 K | CRI ≥ 80 ϕ_N 15090 lm



ϕ_{\downarrow} 99% ϕ_{\uparrow} 1%

Luminance values (cd/m²)

	C 0/180	C 90/270
L ₈₀	10474	7926
L ₇₀	13142	12689
L ₆₅	17233	15461

UGR 24.2 23.6

X 4H Y 8H ρ 70/50/20 S 0.25H