

Order No.: 51HLA1D14GLA | GTIN (EAN): 4058352361429

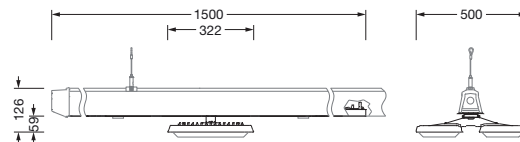
Product description: HB11,nrrw,16190lm840,DA



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: 16.190lm, luminous efficacy: 171lm/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):	4058352361429



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

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Detailed technical description: HB11,nrrw,16190lm840,DA

Key data

- Product type: LED high bay luminaire
- Product name: Highbay 11
- Order No.: 51HLA1D14GLA

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: 16190lm
- Luminous efficacy: 171lm/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 arrangement
- Supplement: only suitable for indoor use

Electrical connection

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

Dimensions, Weight

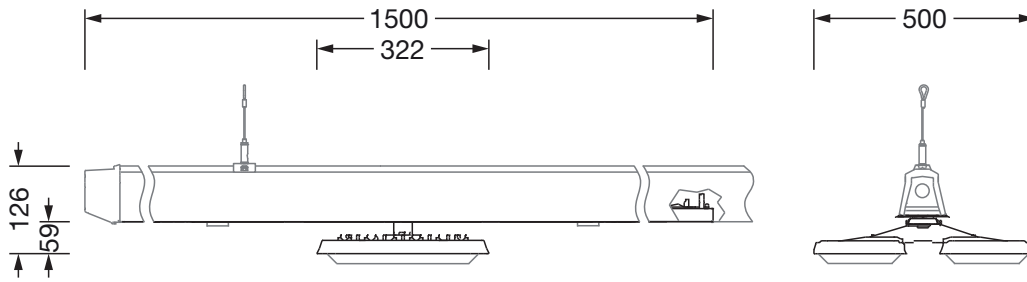
- Length: 1500mm
- Width: 500mm
- Height: 65mm
- Weight: 5.0kg

Service life

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

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Dimensions: HB11,nrrw,16190lm840,DA



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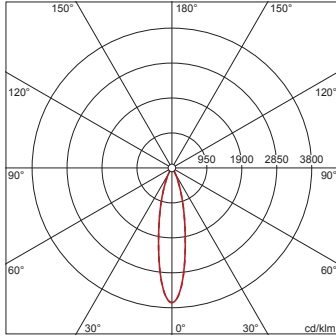
51HLA1D14GLA: 1x LED

4058352361429

51HLA1D14GLA

LED 4000 K | CRI ≥ 80

φ_N 16190 lm



φ_↓ 100% φ_↑ 0%

Luminance values (cd/m²)

	C 0/180	C 90/270
L ₈₀	6253	10575
L ₇₀	13053	9882
L ₆₅	13478	9789

UGR 21 20.6

X 4H Y 8H ρ 70/50/20 S 0.25H

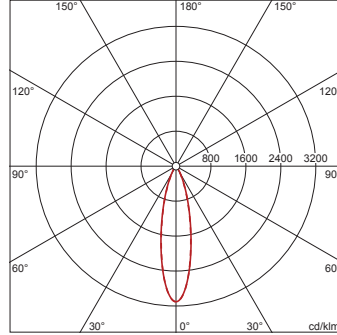
51HLA1D14GLA + 59HL91001: 1x LED

4058352361429 + 4058352323519

51HLA1D14GLA + 59HL91001

LED 4000 K | CRI ≥ 80

φ_N 15620 lm



φ_↓ 100% φ_↑ 0%

Luminance values (cd/m²)

	C 0/180	C 90/270
L ₈₀	5224	8851
L ₇₀	14112	12081
L ₆₅	16326	12720

UGR 21.8 21.4

X 4H Y 8H ρ 70/50/20 S 0.25H

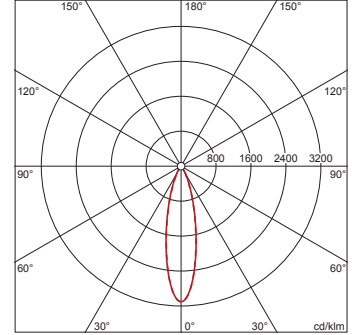
51HLA1D14GLA + 59HL91002: 1x LED

4058352361429 + 4058352341650

51HLA1D14GLA + 59HL91002

LED 4000 K | CRI ≥ 80

φ_N 14730 lm



φ_↓ 100% φ_↑ 0%

Luminance values (cd/m²)

	C 0/180	C 90/270
L ₈₀	4926	8346
L ₇₀	13308	11393
L ₆₅	15396	11995

UGR 21.6 21.2

X 4H Y 8H ρ 70/50/20 S 0.25H

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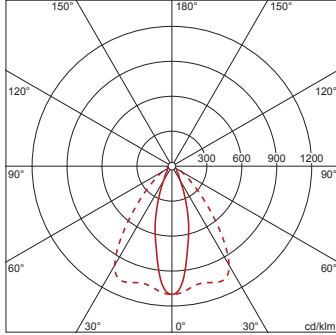
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**51HLA1D14GLA +
59HL91003: 1x LED**

4058352361429 + 4058352341667
51HLA1D14GLA + 59HL91003

LED 4000 K | CRI ≥ 80 ϕ_N 14750 lm



ϕ_{\downarrow} 99% ϕ_{\uparrow} 1%

Luminance values (cd/m²)

	C 0/180	C 90/270
L ₈₀	10439	12220
L ₇₀	8652	18706
L ₆₅	10343	21126

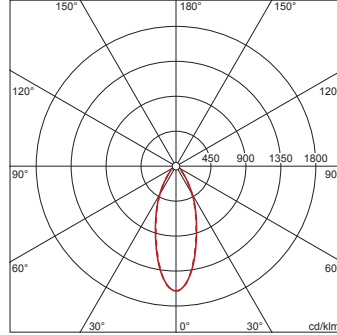
UGR 21.6 25.7

X 4H Y 8H ρ 70/50/20 S 0.25H

**51HLA1D14GLA +
59HL91004: 1x LED**

4058352361429 + 4058352341674
51HLA1D14GLA + 59HL91004

LED 4000 K | CRI ≥ 80 ϕ_N 15010 lm



ϕ_{\downarrow} 99% ϕ_{\uparrow} 1%

Luminance values (cd/m²)

	C 0/180	C 90/270
L ₈₀	10648	6742
L ₇₀	10242	9988
L ₆₅	12356	10491

UGR 22.5 21.6

X 4H Y 8H ρ 70/50/20 S 0.25H