

Order No.: 51HLA2D24NLA | GTIN (EAN): 4058352361481

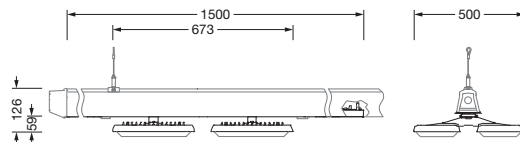
Product description: HB11,wd,33150lm840,DA



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 2x 2x LED, rated luminous flux: 33.150lm, 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: 190W, LED unit, of diecast aluminium, unplated, bead blasted, 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: 2x 2x LED
 Wt. (kg): 6.5
 GTIN (EAN): 4058352361481



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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Detailed technical description: HB11,wd,33150lm840,DA



Key data

- Product type: LED high bay luminaire
- Product name: Highbay 11
- Order No.: 51HLA2D24NLA

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 2x 2x LED
- Rated luminous flux: 33150lm
- 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: 190W

Operating device:

- Control gear: ECG DALI
- Control: DALI (2 addresses)

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: 4 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

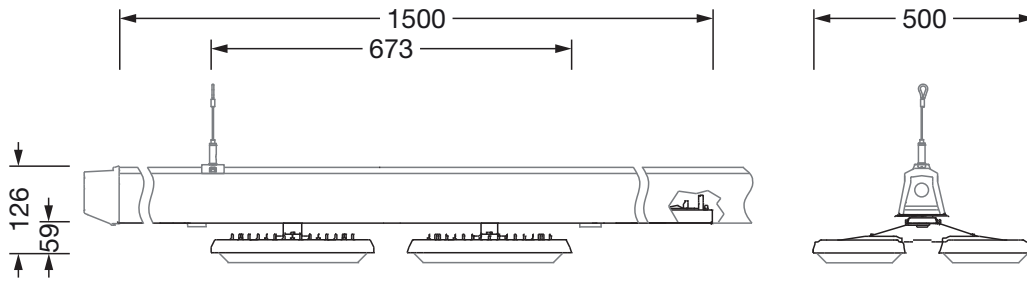
- Length: 1500mm
- Width: 500mm
- Height: 65mm
- Weight: 6.5kg

Service life

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

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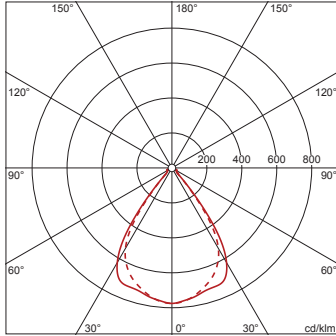
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51HLA2D24NLA: 1x LED

4058352361481

51HLA2D24NLA

LED 4000 K | CRI ≥ 80 ϕ_N 33150 lm



ϕ_{\downarrow} 100% ϕ_{\uparrow} 0%

Luminance values (cd/m²)

	C 0/180	C 90/270
L ₈₀	3480	5858
L ₇₀	13093	14181
L ₆₅	13489	12881

UGR 21.5 21.4

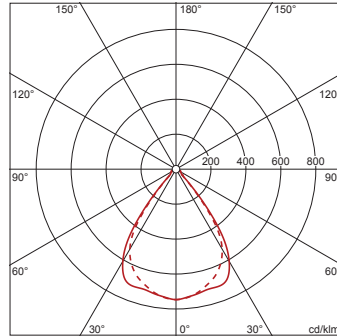
X 4H Y 8H ρ 70/50/20 S 0.25H

51HLA2D24NLA + 59HL91001: 1x LED

4058352361481 + 4058352323519

51HLA2D24NLA + 59HL91001

LED 4000 K | CRI ≥ 80 ϕ_N 31620 lm



ϕ_{\downarrow} 100% ϕ_{\uparrow} 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

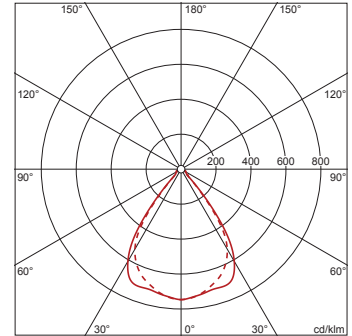
X 4H Y 8H ρ 70/50/20 S 0.25H

51HLA2D24NLA + 59HL91002: 1x LED

4058352361481 + 4058352341650

51HLA2D24NLA + 59HL91002

LED 4000 K | CRI ≥ 80 ϕ_N 29910 lm



ϕ_{\downarrow} 100% ϕ_{\uparrow} 0%

Luminance values (cd/m²)

	C 0/180	C 90/270
L ₈₀	2336	3488
L ₇₀	10719	11347
L ₆₅	11826	11302

UGR 21.3 21

X 4H Y 8H ρ 70/50/20 S 0.25H

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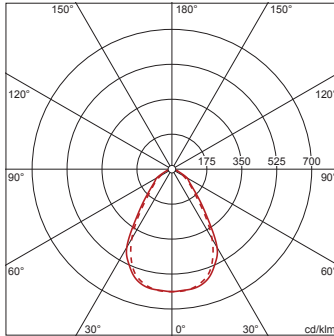
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**51HLA2D24NLA +
59HL91004: 1x LED**

4058352361481 + 4058352341674

51HLA2D24NLA + 59HL91004

LED 4000 K | CRI ≥ 80 ϕ_{N} 30180 lm



ϕ_{\downarrow} 99% ϕ_{\uparrow} 1%

Luminance values (cd/m²)

	C 0/180	C 90/270
L ₈₀	10474	9217
L ₇₀	13142	13782
L ₆₅	17233	16520

UGR 24.2 23.8

X 4H Y 8H ρ 70/50/20 S 0.25H

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