

Order No.: 51HLA2D24MLB | GTIN (EAN): 4058352417973

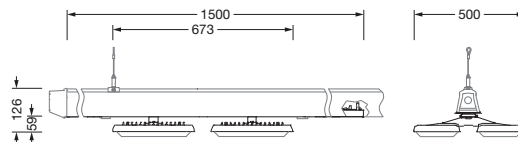
Product description: HB21,wd,27600lm840,DA



Highbay 21, 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: 27.600lm, luminous efficacy: 161lm/W, light colour: 840, colour temperature: 4000K, control gear: ECG DALI, with system connector, mains connection: 230..240V, AC, 50/60Hz, rated input power: 171W, 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..+40°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



Lamps: 2x 2x LED
 Wt. (kg): 6.5
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Detailed technical description: HB21,wd,27600lm840,DA



Key data

- Product type: LED high bay luminaire
- Product name: Highbay 21
- Order No.: 51HLA2D24MLB

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: 27600lm
- Luminous efficacy: 161lm/W
- Colour temperature: 4000K
- Colour rendering index: CRI > 80
- Light colour: 840
- Rated input power: 171W

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..+40°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, 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

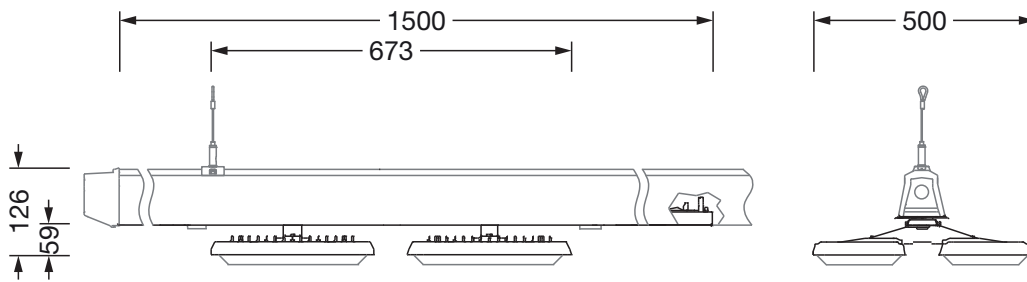
- Length: 1500mm
- Width: 500mm
- Height: 65mm
- Weight: 6.5kg

Service life

- Rated service life: 50000h (L85/B50) at AT = 25°C

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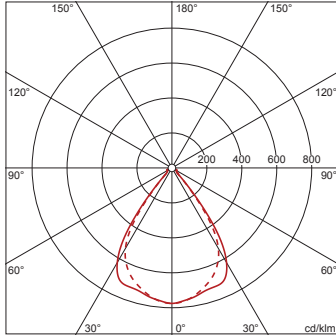
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51HLA2D24MLB: 1x LED

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51HLA2D24MLB

LED 4000 K | CRI ≥ 80 ϕ_{N} 27600 lm



ϕ_{d} 100% ϕ_{r} 0%

Luminance values (cd/m²)

	C 0/180	C 90/270
L ₈₀	2897	4878
L ₇₀	10901	11807
L ₆₅	11230	10725

UGR 20.9 20.8

X 4H Y 8H ρ 70/50/20 S 0.25H

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 -