

Order No.: 51HL62D24HCA | **GTIN (EAN):** 4058352348932

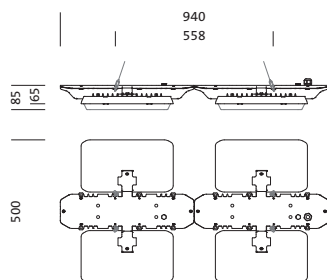
Product description: HB11,wd,20050lm840,DA



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 2x 2x LED, rated luminous flux: 20.050lm, luminous efficacy: 180lm/W, light colour: 840, colour temperature: 4000K, control gear: ECG DALI, with terminal, 5-pole, max. 2.5mm², mains connection: 230..240V, AC, 50/60Hz, rated input power: 111W, LED unit, of diecast aluminium, coated, metallic grey (RAL 9006), length: 940mm, width: 500mm, height: 65mm, housing, of diecast aluminium, coated, metallic grey (RAL 9006), 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..+70°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):	8.8
GTIN (EAN):	4058352348932



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,wd,20050lm840,DA



Key data

- Product type: LED high bay luminaire
- Product name: Highbay 11
- Order No.: 51HL62D24HCA

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: 20050lm
- Luminous efficacy: 180lm/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: 111W

Operating device:

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

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...+70°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, coated, metallic grey (RAL 9006)
- Quantity: 4 piece
- Colour specification: metallic grey (RAL 9006)
- housing: diecast aluminium, coated, metallic grey (RAL 9006)
- Quantity: 1 piece
- Colour specification: metallic grey (RAL 9006)

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

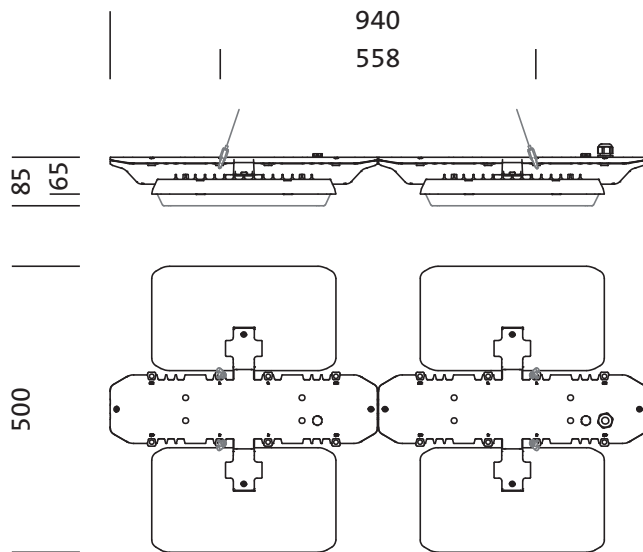
- Length: 940mm
- Width: 500mm
- Height: 65mm
- Weight: 8.8kg

Service life

- Rated service life: 50000h (L80/B10) at AT = 25°C, 70000h (L90/B50) at AT = 25°C, 50000h (L90/B50) at AT = ta max

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Planning data: HB11,wd,20050lm840,DA

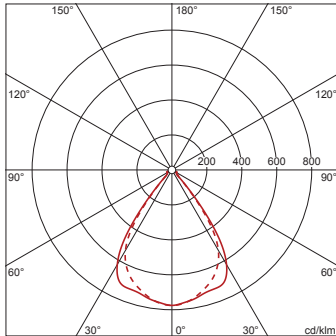
51HL62D24HCA: 1x LED

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51HL62D24HCA

LED 4000 K | CRI ≥ 80

φ_N 20050 lm



φ_d 100% φ_t 0%

Luminance values (cd/m²)

	C 0/180	C 90/270
L ₈₀	2105	3543
L ₇₀	7919	8577
L ₆₅	8158	7791

UGR 19.7 19.6

X 4H Y 8H ρ 70/50/20 S 0.25H

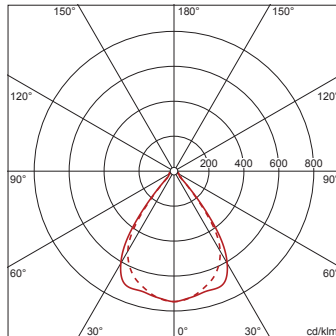
51HL62D24HCA +
59HL91001: 1x LED

4058352348932 + 4058352323519

51HL62D24HCA + 59HL91001

LED 4000 K | CRI ≥ 80

φ_N 19120 lm



φ_d 100% φ_t 0%

Luminance values (cd/m²)

	C 0/180	C 90/270
L ₈₀	1494	2230
L ₇₀	6852	7254
L ₆₅	7559	7225

UGR 19.7 19.5

X 4H Y 8H ρ 70/50/20 S 0.25H