

**Order No.:** 51HLA2D24MCAD | **GTIN (EAN):** 4058352341636

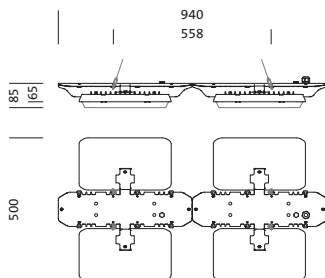
**Product description:** HB11,wd,28800lm840,DA



Highbay 11, LED high bay luminaire, primary light control with lens, of PMMA, light emission: direct distribution, primary light characteristic: symmetric, installation type: suspended mounting, surface-mounted, for 2x 2x LED, rated luminous flux: 28.800lm, luminous efficacy: 177lm/W, light colour: 840, colour temperature: 4000K, control gear: ECG DALI, with terminal, 5-pole, max. 2.5mm<sup>2</sup>, mains connection: 230..240V, AC/DC, 50/60Hz, rated input power: 162W, LED unit, of diecast aluminium, bead blasted, unplated, silver, length: 940mm, width: 500mm, height: 65mm, housing, of diecast aluminium, bead blasted, uncoated, silver, protection rating (complete): IP65, 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..+55°C, standard: EN 60598-2-22, reducing of maximum allowable ambient temperature of 5°C with ceiling mounting, corresponds to IFS (International Featured Standards) requirements for safety and quality in the food industry, packaging unit: 1 piece

IP 65

Lamps: 2x 2x LED  
Wt. (kg): 8.8  
GTIN (EAN): 4058352341636



It is mandatory that the assembly instructions must be observed when planning and installing the electrical installation (to be found at [www.siteco.com](http://www.siteco.com))

Tolerances related to thermal, electrical and photometric data according to IEC 62722

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**Detailed technical description:** HB11,wd,28800lm840,DA



## Key data

- Product type: LED high bay luminaire
- Product name: Highbay 11
- Order No.: 51HLA2D24MCAD

## 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:  $\leq 22$
- UGR viewing direction along lateral luminaire axis:  $\leq 22$

#### Lamps:

- Lamps: with 2x 2x LED
- Rated luminous flux: 28800lm
- Luminous efficacy: 177lm/W
- Colour temperature: 4000K
- Colour rendering index: CRI > 80
- Light colour: 840
- SDCM (Standard Deviation of Colour Matching): MacAdam  $\leq 3$  SDCM (initial)
- Rated input power: 162W
- Supplement: without changeover relay, for emergency light function, for central battery installations according to DIN EN 60598-2-22, luminous flux reduced to approx. 15% with DC operation

#### 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...+55°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
- Standard: EN 60598-2-22
- Certification, designation: CE, UKCA

## Material, Colour

- LED unit: diecast aluminium, unplated, bead blasted, silver
- Quantity: 4 piece
- Colour specification: silver
- housing: diecast aluminium, uncoated, bead blasted, silver
- Quantity: 1 piece
- Colour specification: silver

## 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. 2.5mm<sup>2</sup>
- Nominal voltage: 230..240V, 50/60Hz, AC/DC

## Dimensions, Weight

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

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#### **Service life**

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

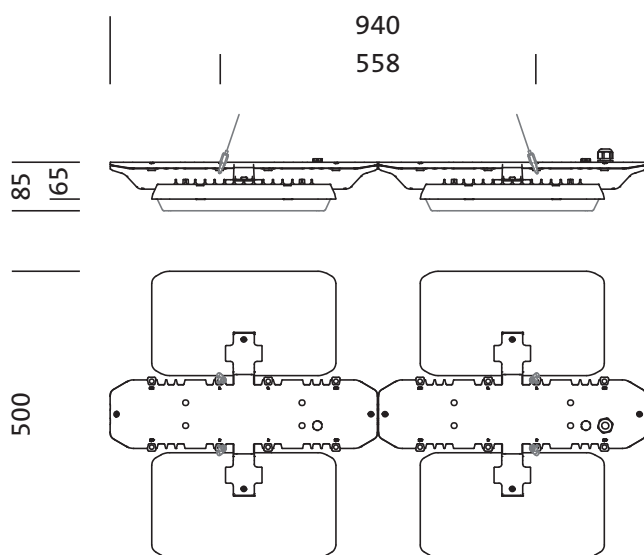
It is mandatory that the assembly instructions must be observed when planning and installing the electrical installation (to be found at [www.siteco.com](http://www.siteco.com))

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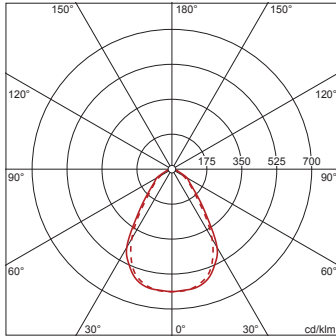
51HLA2D24MCAD +  
59HL91004: 1x LED

4058352341636 + 4058352341674

51HLA2D24MCAD + 59HL91004

LED 4000 K | CRI ≥ 80

Φ<sub>N</sub> 26220 lm



Φ<sub>↓</sub> 99% Φ<sub>↑</sub> 1%

Luminance values (cd/m<sup>2</sup>)

	C 0/180	C 90/270
L <sub>80</sub>	9099	8008
L <sub>70</sub>	11418	11974
L <sub>65</sub>	14972	14353

UGR 23.7 23.3

X 4H Y 8H ρ 70/50/20 S 0.25H

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