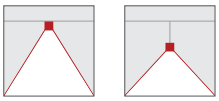
siteco

Order No.: 51HLA2D24NCA | **GTIN (EAN):** 4058352322987

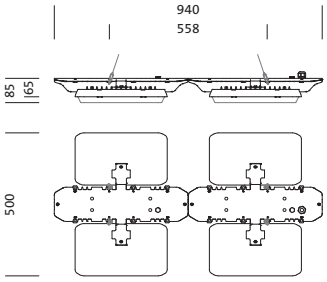
Product description: HB11,wd,33150lm840,DA



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: 33.150lm, luminous efficacy: 175lm/W, light colour: 840, colour temperature: 4000K, control gear: DALI (with two DALI addresses), with terminal, 5-pole, max. 2.5mm², mains connection: 230..240V, AC, 50/60Hz, rated input power: 190W, LED unit, of diecast aluminium, unplated, bead blasted, silver, length: 940mm, width: 500mm, height: 65mm, housing, of diecast aluminium, uncoated, bead blasted, silver, 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..+45°C, 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):	4058352322987



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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Order No.: 51HLA2D24NCA | **GTIN (EAN):** 4058352322987

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

Key data
- Product type: LED high bay luminaire
- Product name: Highbay 11
- Order No.: 51HLA2D24NCA

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: IP65
- 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, reducing of maximum allowable ambient temperature of 5°C with ceiling mounting
- Certification, designation: CE, ENEC, VDE, 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. 2.5mm²
- Nominal voltage: 230..240V, 50/60Hz, AC

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

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

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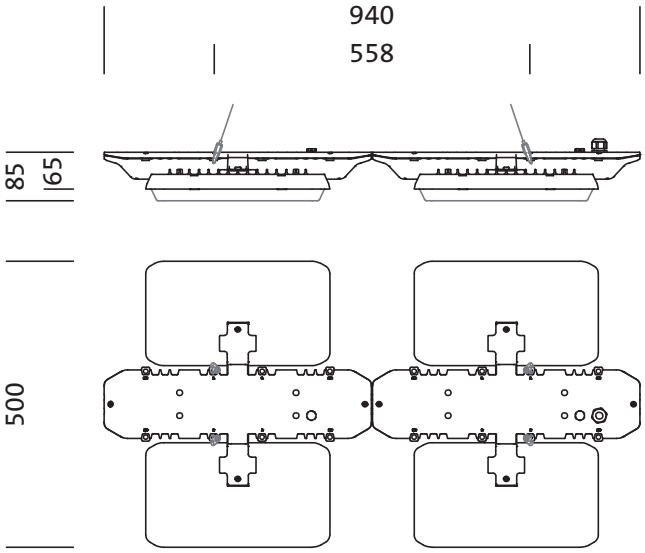
Dimensions: HB11,wd,33150lm840,DA



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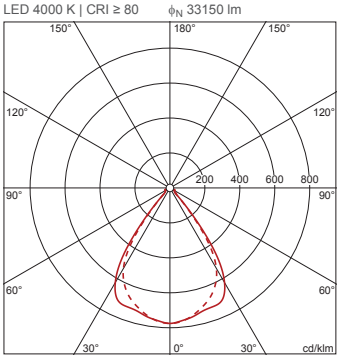
Order No.: 51HLA2D24NCA | **GTIN (EAN):** 4058352322987

Planning data: HB11,wd,33150lm840,DA

51HLA2D24NCA: 1x LED

4058352322987
51HLA2D24NCA
LED 4000 K | CRI ≥ 80 ϕ_N 33150 lm



$\phi_{\downarrow}$ 100% $\phi_{\uparrow}$ 0%

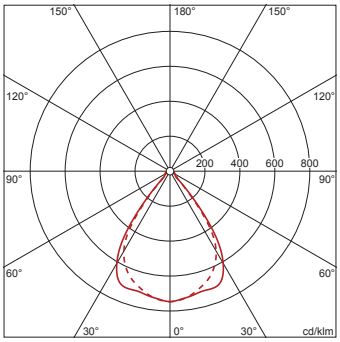
Luminance values (cd/m²)

	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

51HLA2D24NCA + 59HL91001: 1x LED

4058352322987 + 4058352323519
51HLA2D24NCA + 59HL91001
LED 4000 K | CRI ≥ 80 ϕ_N 31620 lm



$\phi_{\downarrow}$ 100% $\phi_{\uparrow}$ 0%

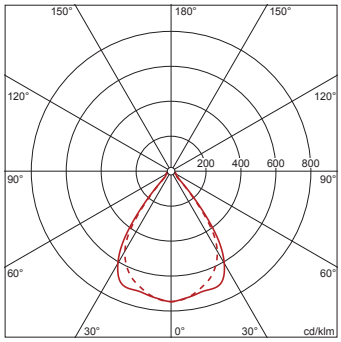
Luminance values (cd/m²)

	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

51HLA2D24NCA + 59HL91002: 1x LED

4058352322987 + 4058352341650
51HLA2D24NCA + 59HL91002
LED 4000 K | CRI ≥ 80 ϕ_N 29910 lm



$\phi_{\downarrow}$ 100% $\phi_{\uparrow}$ 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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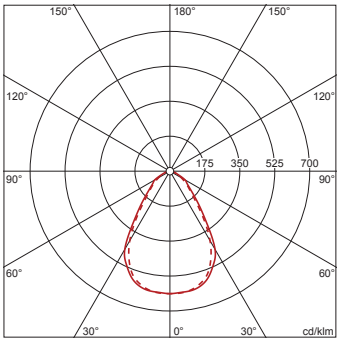
Planning data: HB11,wd,33150lm840,DA

51HLA2D24NCA +
59HL91004: 1x LED

4058352322987 + 4058352341674
51HLA2D24NCA + 59HL91004
LED 4000 K | CRI ≥ 80 ϕ_N 30180 lm



$\phi_{\downarrow}$ 99% $\phi_{\uparrow}$ 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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