siteco

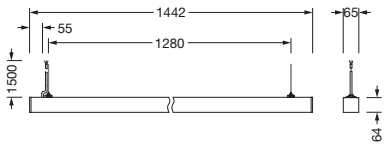
Order No.: 5MX31BD1E4A | **GTIN (EAN):** 4058352305430

Product description: Silica,7070lm840,DA,L1442,sr,sp

Silica®, office luminaire, of aluminium, light emission: direct/indirect distribution, primary light characteristic: symmetric, installation type: suspended mounting, LED, rated luminous flux: 7.070lm, luminous efficacy: 155lm/W, light colour: 840, colour temperature: 4000K, control gear: DALI (with two DALI addresses), with terminal, 3+2-pole, max. 2.5mm², mains connection: 230V, AC, 50/60Hz, connection cable inclusive, cable length: 1,5m, rated input power: 46W, luminaire housing, of aluminium, anodised, silver, length: 1.442mm, width: 65mm, height: 64mm, protection rating (complete): IP20, insulation class (complete): insulation class I (protective earthing), certification: CE, permissible operating ambient temperature: 0..+35°C, standard: EN 50419, packaging unit: 1 piece

IP 20

Lamps:	LED
Wt. (kg):	4.0
GTIN (EAN):	4058352305430



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.: 5MX31BD1E4A | **GTIN (EAN):** 4058352305430

Detailed technical description: Silica,7070lm840,DA,L1442,sr,sp

Key data
- Product type: office luminaire
- Product name: Silica®
- Order No.: 5MX31BD1E4A

Lighting technology | Lamps | Control gear

Component 1

Lighting technology:
- Beam angle: wide distribution
- Symmetry: symmetric
- Light emission: direct/indirect distribution
- UGR viewing direction along longitudinal luminaire axis: ≤ 19
- UGR viewing direction along lateral luminaire axis: ≤ 19

Lamps:
- Lamps: with LED
- Rated luminous flux: 7070lm
- Luminous efficacy: 155lm/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: 46W

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

Certificates, Standards
- Protection rating: IP20
- Insulation class: insulation class I (protective earthing)
- Temperature range (operation): 0..+35°C
- Standard: EN 50419
- Certification, designation: CE

Material, Colour
- luminaire housing: aluminium, anodised, silver
- Colour specification: silver

Mounting
- Mounting method, mounting location: suspended mounting
- Arrangement: single arrangement

Electrical connection
- Connection: terminal, 3+2-pole, max. 2.5mm²
- Nominal voltage: 230V, 220..240V, 50/60Hz, AC
- Connection cable: inclusive, L= 1.5m

Dimensions, Weight
- Length: 1442mm
- Width: 65mm
- Height: 64mm
- Weight: 4.0kg

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

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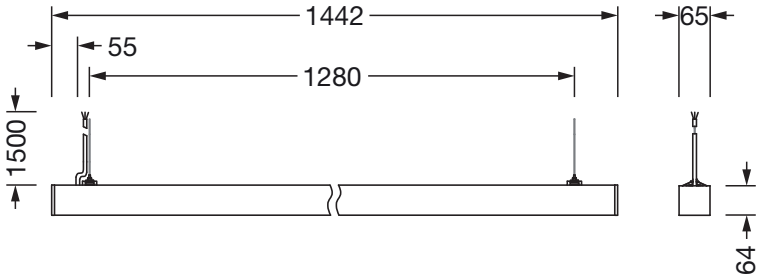

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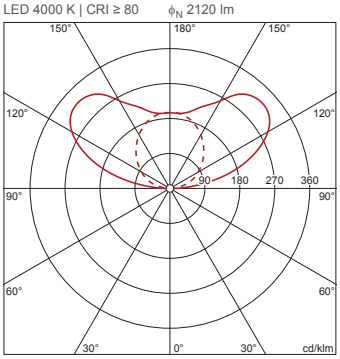
Order No.: 5MX31BD1E4A | **GTIN (EAN):** 4058352305430

Planning data: Silica,7070lm840,DA,L1442,sr,sp

5MX31BD1E4A: 1x LED; individual setting: only indirect light

4058352305430
5MX31BD1E4A
LED 4000 K | CRI ≥ 80 ϕ_N 2120 lm



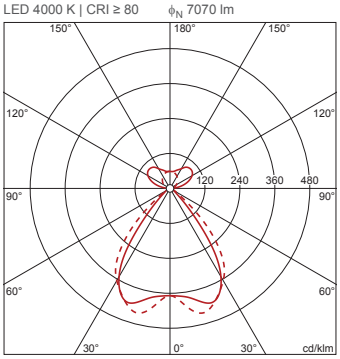
$\phi_\downarrow$ 0% $\phi_\uparrow$ 100%

Luminance values (cd/m²)

	C 0/180	C 90/270
L_{80}	0	0
L_{70}	0	0
L_{65}	0	0

5MX31BD1E4A: 1x LED; factory setting: direct and indirect light

4058352305430
5MX31BD1E4A
LED 4000 K | CRI ≥ 80 ϕ_N 7070 lm



$\phi_\downarrow$ 70% $\phi_\uparrow$ 30%

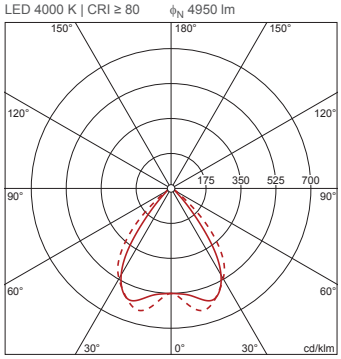
Luminance values (cd/m²)

	C 0/180	C 90/270
L_{80}	1073	1278
L_{70}	1727	2144
L_{65}	1968	2820

UGR 15 16.7
X 4H Y 8H ρ 70/50/20 S 0.25H

5MX31BD1E4A: 1x LED; individual setting: only direct light

4058352305430
5MX31BD1E4A
LED 4000 K | CRI ≥ 80 ϕ_N 4950 lm



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

Luminance values (cd/m²)

	C 0/180	C 90/270
L_{80}	1073	1278
L_{70}	1727	2144
L_{65}	1968	2820

UGR 17.3 19
X 4H Y 8H ρ 70/50/20 S 0.25H

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