

Order No.: 5MX31BD2E4A | **GTIN (EAN):** 4058352305454

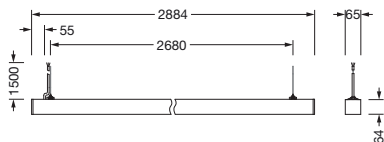
Product description: Silica,14160lm840,DA,L2844,sr,sp



Silica®, office luminaire, of aluminium, light emission: direct/indirect distribution, primary light characteristic: symmetric, installation type: suspended mounting, LED, rated luminous flux: 14.160lm, luminous efficacy: 153lm/W, light colour: 840, colour temperature: 4000K, control gear: ECG DALI, with terminal, 3+2-pole, max. 2.5mm², mains connection: 230V, AC, 50/60Hz, connection cable inclusive, cable length: 1,5m, rated input power: 93W, luminaire housing, of aluminium, anodised, silver, length: 2.844mm, 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):	8.0
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Detailed technical description: Silica,14160lm840,DA,L2844,sr,sp



Key data

- Product type: office luminaire
- Product name: Silica®
- Order No.: 5MX31BD2E4A

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: 14160lm
- Luminous efficacy: 153lm/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: 93W

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

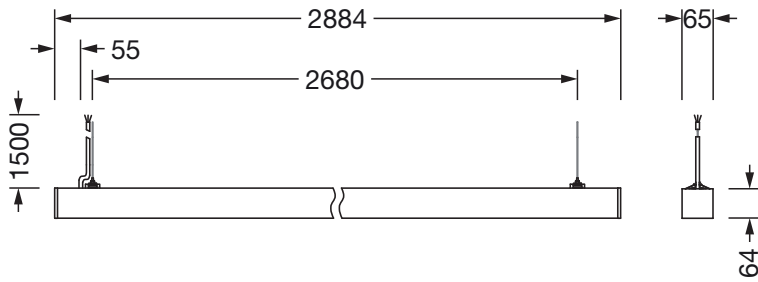
- Length: 2844mm
- Width: 65mm
- Height: 64mm
- Weight: 8.0kg

Service life

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

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Dimensions: Silica, 14160lm840, DA, L2884, sr, sp



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 22.12.2023 - Modifications and errors subject to change - Ensure that you always use the latest version -

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Planning data: Silica,14160lm840,DA,L2844,sr,sp

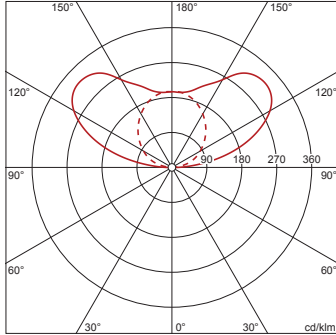
**5MX31BD2E4A: 1x LED;
individual setting: only
indirect light**

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5MX31BD2E4A

LED 4000 K | CRI ≥ 80

φ_N 4250 lm



φ_↓ 0% φ_↑ 100%

Luminance values (cd/m²)

	C 0/180	C 90/270
L ₈₀	0	0
L ₇₀	0	0
L ₆₅	0	0

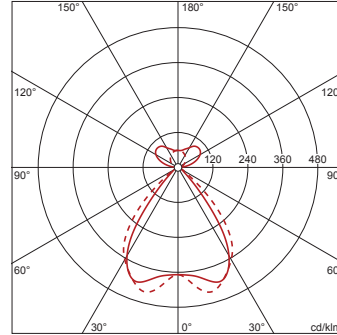
**5MX31BD2E4A: 1x LED;
factory setting: direct and
indirect light**

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5MX31BD2E4A

LED 4000 K | CRI ≥ 80

φ_N 14160 lm



φ_↓ 70% φ_↑ 30%

Luminance values (cd/m²)

	C 0/180	C 90/270
L ₈₀	1084	1291
L ₇₀	1744	2165
L ₆₅	1988	2848

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

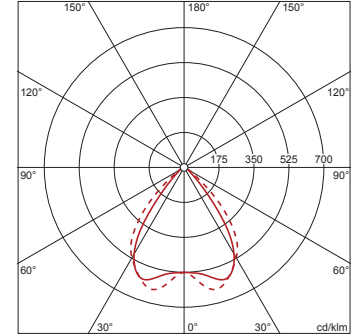
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individual setting: only direct
light**

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5MX31BD2E4A

LED 4000 K | CRI ≥ 80

φ_N 9910 lm



φ_↓ 100% φ_↑ 0%

Luminance values (cd/m²)

	C 0/180	C 90/270
L ₈₀	1083	1290
L ₇₀	1743	2164
L ₆₅	1987	2847

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