

**Order No.:** 51MX23DK45SB | **GTIN (EAN):** 4058352033821

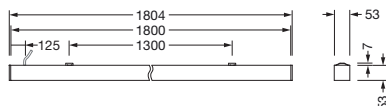
**Product description:** Sil21,ELD-L,4920lm840,DA2,L1800,sr,surf



Silica® 21, office luminaire, primary optical cover: prismatic diffuser, of PMMA, CAT 2 ( $L \leq 3000 \text{cd/m}^2$ ), light emission: direct distribution, primary light characteristic: symmetric, installation type: surface-mounted, LED, rated luminous flux: 4.920lm, luminous efficacy: 149lm/W, light colour: 840, colour temperature: 4000K, control gear: DALI 2, with terminal, 3+2-pole, max. 2.5mm<sup>2</sup>, mains connection: 220..240V, AC, 50/60Hz, rated input power: 33.1W, luminaire housing, of aluminium, metallic grey (RAL 9006), length: 1.800mm, width: 53mm, height: 53mm, 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           |
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**Detailed technical description:** Sil21,ELD-L,4920lm840,DA2,L1800,sr,surf



#### Key data

- Product type: office luminaire
- Product name: Silica® 21
- Order No.: 51MX23DK45SB

#### Lighting technology | Lamps | Control gear

#### Component 1

#### Lighting technology:

- Cover: prismatic diffuser
- Beam angle: extremely wide distribution
- Symmetry: symmetric
- Light emission: direct distribution
- UGR viewing direction along longitudinal luminaire axis:  $\leq 19$
- UGR viewing direction along lateral luminaire axis:  $\leq 19$

#### Lamps:

- Lamps: with LED
- Rated luminous flux: 4920lm
- Luminous efficacy: 149lm/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: 33.1W

#### Operating device:

- Control: DALI 2

#### 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, metallic grey (RAL 9006)
- Colour specification: metallic grey (RAL 9006)
- Cover: prismatic diffuser of PMMA

#### Mounting

- Mounting method, mounting location: surface-mounted, to the ceiling
- Arrangement: single arrangement

#### Electrical connection

- Connection: terminal, 3+2-pole, max. 2.5mm<sup>2</sup>
- Nominal voltage: 220...240V, 50/60Hz, AC

#### Dimensions, Weight

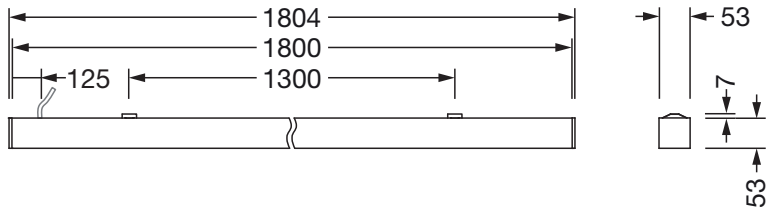
- Length: 1800mm
- Width: 53mm
- Height: 53mm
- Weight: 4.0kg

#### Service life

- Rated service life: 70000h (L80/B50) at AT = 25°C, 50000h (L85/B50) at AT = 25°C

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**Dimensions:** Sil21,ELD-L,4920lm840,DA2,L1800,sr,surf



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

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

Issued 06.06.2025 - Modifications and errors subject to change - Ensure that you always use the latest version -