

**Order No.:** 51MX24DB45WB | **GTIN (EAN):** 4058352905456

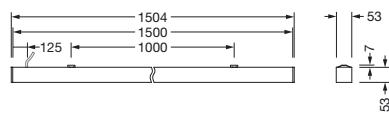
**Product description:** Sil21,ELD-Lbk,5400lm840,DA2,L1504,wh



Silica 21, office luminaire, primary light control with darklight reflector, of PMMA, black, CAT 2 ( $L \leq 3000 \text{ cd/m}^2$ ), light emission: direct distribution, primary light characteristic: asymmetric, installation type: surface-mounted, LED, rated luminous flux: 5.400lm, luminous efficacy: 144lm/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: 37.6W, luminaire housing, of aluminium, traffic white (RAL 9016), length: 1.504mm, 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 CE

Lamps: LED  
Wt. (kg): 3.5  
GTIN (EAN): 4058352905456



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 30.10.2025 - Modifications and errors subject to change - Ensure that you always use the latest version -

**Order No.:** 51MX24DB45WB | **GTIN (EAN):** 4058352905456

**Detailed technical description:** Sil21,ELD-Lbk,5400lm840,DA2,L1504,wh



#### **Key data**

- Product type: office luminaire
- Product name: Silica 21
- Order No.: 51MX24DB45WB

#### **Lighting technology | Lamps | Control gear**

##### **Component 1**

###### **Lighting technology:**

- Light control: darklight reflector of PMMA, black
- Beam angle: wallwisher
- Symmetry: asymmetric distribution
- Light emission: direct distribution
- UGR viewing direction along longitudinal luminaire axis: ≤ 19
- UGR viewing direction along lateral luminaire axis: ≤ 19

###### **Lamps:**

- Lamps: with LED
- Rated luminous flux: 5400lm
- Luminous efficacy: 144lm/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: 37.6W

###### **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, traffic white (RAL 9016)
- Colour specification: traffic white (RAL 9016)

#### **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**

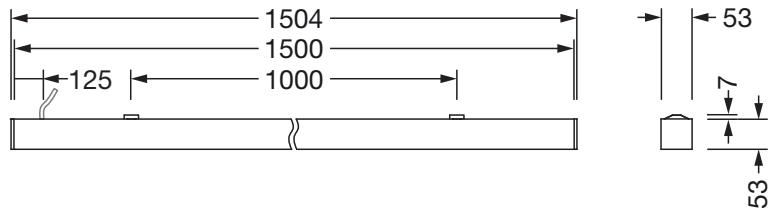
- Length: 1504mm
- Width: 53mm
- Height: 53mm
- Weight: 3.5kg

#### **Service life**

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

**Order No.:** 51MX24DB45WB | **GTIN (EAN):** 4058352905456

**Dimensions:** Sil21,ELD-Lbk,5400lm840,DA2,L1504,wh



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 30.10.2025 - Modifications and errors subject to change - Ensure that you always use the latest version -