

**Order No.:** 51MX31TBT9B | **GTIN (EAN):** 4058352685389

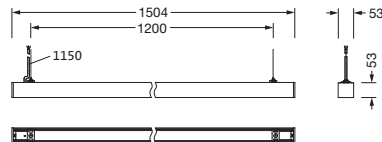
**Product description:** Sil21,ELD-Lbk,7770lm8tw,DT8,L1504,bk,sp



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/indirect distribution, primary light characteristic: symmetric, installation type: suspended mounting, LED, rated luminous flux: 7.770lm, luminous efficacy: 111lm/W, light colour: 8tw, colour temperature: 2700..6500K, control gear: ECG DALI, with terminal, 3+2-pole, max. 2.5mm<sup>2</sup>, mains connection: 220..240V, AC, 50/60Hz, rated input power: 70.3W, luminaire housing, of aluminium, jet black (RAL 9005), 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  

Lamps:	LED
Wt. (kg):	3.5
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**Detailed technical description:** Sil21,ELD-Lbk,7770lm8tw,DT8,L1504,bk,sp



#### Key data

- Product type: office luminaire
- Product name: Silica® 21
- Order No.: 51MX31TBT9B

#### Lighting technology | Lamps | Control gear

##### Component 1

#### Lighting technology:

- Light control: darklight reflector of PMMA, black
- Beam angle: narrow distribution
- Symmetry: symmetric
- Light emission: direct/indirect 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: 7770lm
- Luminous efficacy: 111lm/W
- Colour temperature: 2700..6500K
- Colour rendering index: CRI > 80
- Light colour: 8tw
- SDCM (Standard Deviation of Colour Matching): MacAdam  $\leq 3$  SDCM (initial)
- Rated input power: 70.3W

#### Operating device:

- Control gear: ECG DALI
- Control: DALI DT8

#### 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, jet black (RAL 9005)
- Colour specification: jet black (RAL 9005)

#### Mounting

- Mounting method, mounting location: suspended mounting
- 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

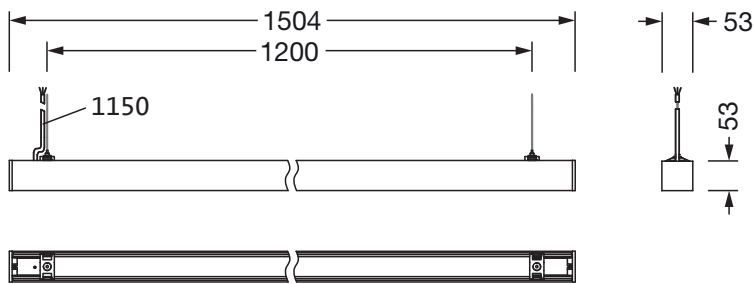
- Length: 1504mm
- Width: 53mm
- Height: 53mm
- Weight: 3.5kg

#### Service life

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

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Dimensions: Sil21,ELD-Lbk,7770lm8tw,DT8,L1504,bk,sp



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 08.05.2024 - Modifications and errors subject to change - Ensure that you always use the latest version -