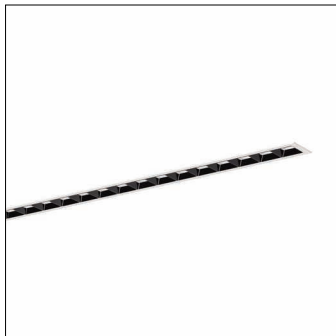


**Order No.:** 51MX12TBT5W | **GTIN (EAN):** 4058352754757

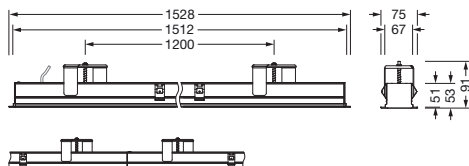
**Product description:** Sil21,ELD-Lbk,4650lm8tw,DT8,L1528,wh,rec



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: symmetric, installation type: recessed, LED, rated luminous flux: 4.650lm, luminous efficacy: 110lm/W, light colour: 8tw, colour temperature: 2700..6500K, control gear: DALI DT8, with terminal, 3+2-pole, max. 2.5mm<sup>2</sup>, mains connection: 220..240V, AC, 50/60Hz, rated input power: 42.2W, luminaire housing, of aluminium, traffic white (RAL 9016), length: 1.528mm, width: 79mm, height: 53mm, protection rating (complete): IP20, insulation class (complete): insulation class I (protective earthing), certification: CE, ENEC, VDE, permissible operating ambient temperature: 0..+35°C, standard: EN 50419, packaging unit: 1 piece



|             |               |
|-------------|---------------|
| Lamps:      | LED           |
| Wt. (kg):   | 3.8           |
| GTIN (EAN): | 4058352754757 |



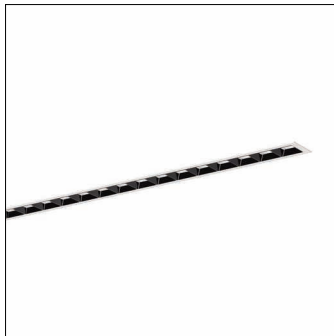
It is mandatory that the assembly instructions must be observed when planning and installing the electrical installation (to be found at [www.siteco.com](http://www.siteco.com))

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

Issued 09.04.2025 - Modifications and errors subject to change - Ensure that you always use the latest version -

**Order No.:** 51MX12TBT5W | **GTIN (EAN):** 4058352754757

**Detailed technical description:** Sil21,ELD-Lbk,4650lm8tw,DT8,L1528,wh,rec



## Key data

- Product type: office luminaire
- Product name: Silica® 21
- Order No.: 51MX12TBT5W

## Lighting technology | Lamps | Control gear

### Component 1

#### Lighting technology:

- Light control: darklight reflector of PMMA, black
- Beam angle: 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: 4650lm
- Luminous efficacy: 110lm/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: 42.2W

#### Operating device:

- 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, ENEC, VDE

#### Material, Colour

- luminaire housing: aluminium, traffic white (RAL 9016)
- Colour specification: traffic white (RAL 9016)

## Mounting

- Mounting method, mounting location: recessed, in 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

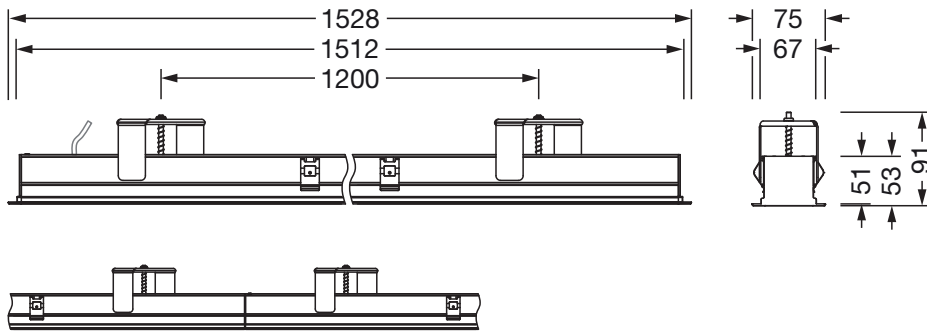
- Length: 1528mm
- Width: 79mm
- Height: 53mm
- Weight: 3.8kg

## Service life

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

**Order No.:** 51MX12TBT5W | **GTIN (EAN):** 4058352754757

**Dimensions:** Sil21,ELD-Lbk,4650lm8tw,DT8,L1528,wh,rec



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

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