

Order No.: 51MX21TBT5S | **GTIN (EAN):** 4058352687208

Product description: Sil21,ELD-Lbk,4650lm8tw,DT8,L1504,sr



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: surface-mounted, LED, rated luminous flux: 4.650lm, luminous efficacy: 110lm/W, light colour: 8tw, colour temperature: 2700..6500K, control gear: ECG DALI, with terminal, 3+2-pole, max. 2.5mm², mains connection: 220..240V, AC, 50/60Hz, rated input power: 42.3W, luminaire housing, of aluminium, metallic grey (RAL 9006), 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,4650lm8tw,DT8,L1504,sr



Key data

- Product type: office luminaire
- Product name: Silica® 21
- Order No.: 51MX21TBT5S

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 distribution
- UGR viewing direction along longitudinal luminaire axis: ≤ 19
- UGR viewing direction along lateral luminaire axis: ≤ 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 ≤ 3 SDCM (initial)
- Rated input power: 42.3W

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, metallic grey (RAL 9006)
- Colour specification: metallic grey (RAL 9006)

Mounting

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

Electrical connection

- Connection: terminal, 3+2-pole, max. 2.5mm²
- 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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