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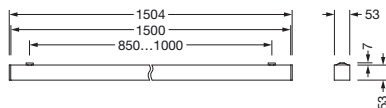**Order No.:** 51MX22TBT5B | **GTIN (EAN):** 4058352687239
Product description: Sil21,ELD-Lbk,4650lm8tw,DT8,L1504,bk

Silica® 21, office luminaire, primary light control with darklight reflector, of PMMA, black, CAT 2 (L≤ 3000cd/m²), 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: DALI DT8, with terminal, 3+2-pole, max. 2.5mm², mains connection: 220..240V, AC, 50/60Hz, rated input power: 42.2W, luminaire housing, of aluminium, matt 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   CE

Lamps:	LED
Wt. (kg):	3.5
GTIN (EAN):	4058352687239

It is mandatory that the assembly instructions must be observed when planning and installing the electrical installation (to be found at 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 -

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Order No.: 51MX22TBT5B | **GTIN (EAN):** 4058352687239
Detailed technical description: Sil21,ELD-Lbk,4650lm8tw,DT8,L1504,bk

Key data
— Product type: office luminaire
— Product name: Silica® 21
— Order No.: 51MX22TBT5B

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: ≤ 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: 42.2W

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, matt jet black (RAL 9005)
— Colour specification: matt jet black (RAL 9005)

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

Electrical connection
— Connection: terminal, 3+2-pole, max. 2.5mm²
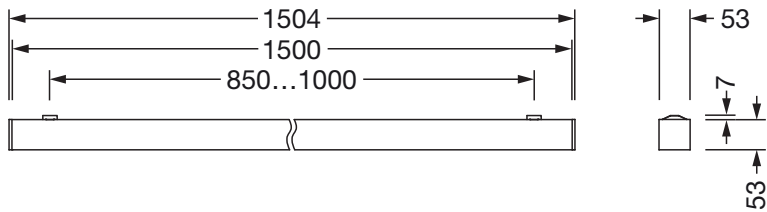— Nominal voltage: 220..240V, 50/60Hz, AC

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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Dimensions: Sil21,ELD-Lbk,4650lm8tw,DT8,L1504,bk