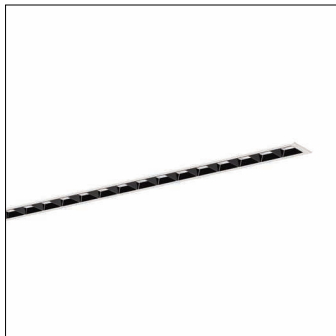


Order No.: 51MX12DH42WB | **GTIN (EAN):** 4069025256515

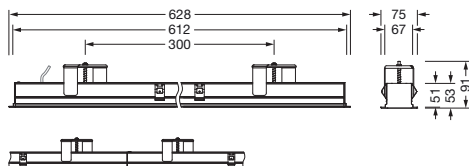
Product description: Sil21,ELD-Lbk,2160lm840,DA2,L628,wh,rec



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: 2.160lm, luminous efficacy: 149lm/W, light colour: 840, colour temperature: 4000K, control gear: DALI 2, with terminal, 3+2-pole, max. 2.5mm², mains connection: 220..240V, AC, 50/60Hz, luminaire housing, of aluminium, traffic white (RAL 9016), length: 628mm, width: 79mm, 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):	2.4
GTIN (EAN):	4069025256515



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 -

Order No.: 51MX12DH42WB | **GTIN (EAN):** 4069025256515

Detailed technical description: Sil21,ELD-Lbk,2160lm840,DA2,L628,wh,rec



Key data

- Product type: office luminaire
- Product name: Silica® 21
- Order No.: 51MX12DH42WB

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: 2160lm
- Luminous efficacy: 149lm/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: 14.5W

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: recessed, in 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: 628mm
- Width: 79mm
- Height: 53mm
- Weight: 2.4kg

Service life

- Rated service life: 70000h (L80/B50) at AT = 25°C, 50000h (L85/B50) at AT = 25°C

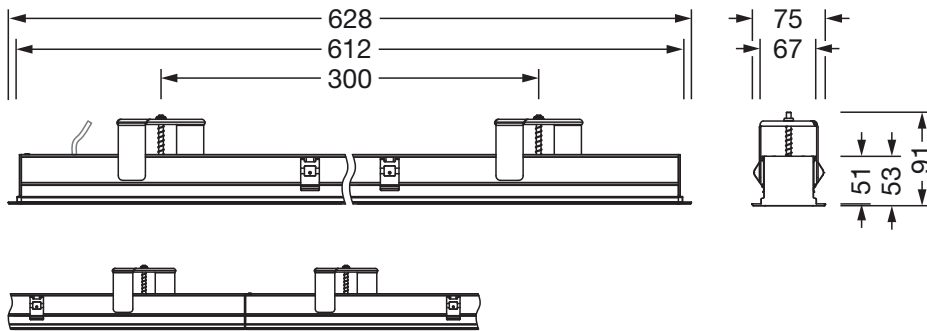
It is mandatory that the assembly instructions must be observed when planning and installing the electrical installation (to be found at www.siteco.com)

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

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Dimensions: Sil21,ELD-Lbk,2160lm840,DA2,L628,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)

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