

**Order No.:** 51MX6KDU44W | **GTIN (EAN):** 4058352880982

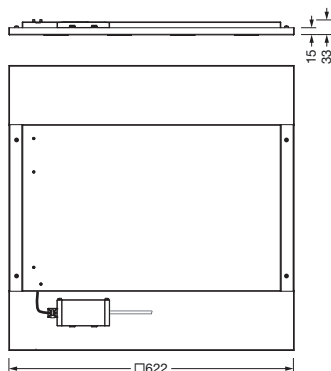
**Product description:** Sil21sq,ELD-Lbk,4600lm840,DA2,M625,wh,li



Silica® 21 Square, office luminaire, primary light control with lens, of PMMA, primary anti-glare with reflector, of PC, black, CAT 2 ( $L \leq 3000 \text{cd/m}^2$ ), light emission: direct distribution, primary light characteristic: symmetric, installation type: lay-in mounting, LED, rated luminous flux: 4.600lm, luminous efficacy: 155lm/W, light colour: 840, colour temperature: 4000K, control gear: DALI 2, with terminal, 5-pole, mains connection: 220..240V, AC, 50/60Hz, rated input power: 29.6W, luminaire housing, of sheet steel, coated, traffic white (RAL 9016), module: M625, length: 622mm, width: 622mm, height: 33mm, protection rating (complete): IP20, insulation class (complete): insulation class I (protective earthing), certification: CE, ENEC, VDE, permissible operating ambient temperature:  $-20..+40^\circ\text{C}$ , standard: EN 50419, packaging unit: 1 piece



Lamps:	LED
Wt. (kg):	4.5
GTIN (EAN):	4058352880982



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 -

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**Detailed technical description:** Sil21sq,ELD-Lbk,4600lm840,DA2,M625,wh,li



#### Key data

- Product type: office luminaire
- Product name: Silica® 21 Square
- Order No.: 51MX6KDU44W

#### Lighting technology | Lamps | Control gear

#### Component 1

#### Lighting technology:

- Light control: lens of PMMA
- Glare reduction: reflector of PC, 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: 4600lm
- Luminous efficacy: 155lm/W
- Colour temperature: 4000K
- Colour rendering index: CRI  $> 80$
- Light colour: 840
- SDCM (Standard Deviation of Colour Matching): MacAdam  $\leq 3$  SDCM (initial)
- Rated input power: 29.6W

#### Operating device:

- Control: DALI 2

#### Certificates, Standards

- Protection rating: IP20
- Insulation class: insulation class I (protective earthing)
- Temperature range (operation): -20...+40°C
- Standard: EN 50419
- Certification, designation: CE, ENEC, VDE

#### Material, Colour

- luminaire housing: sheet steel, coated, traffic white (RAL 9016)
- Colour specification: traffic white (RAL 9016)

#### Mounting

- Mounting method, mounting location: lay-in mounting, in the ceiling
- Arrangement: single arrangement

#### Electrical connection

- Connection: terminal, 5-pole
- Nominal voltage: 220...240V, 50/60Hz, AC

#### Dimensions, Weight

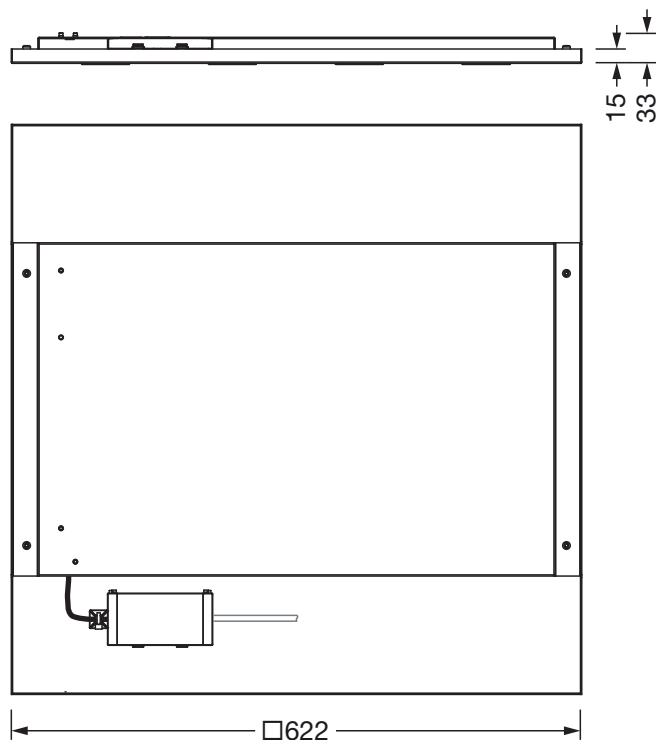
- Length: 622mm
- Width: 622mm
- Height: 33mm
- Weight: 4.5kg

#### Service life

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

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**Dimensions:** Sil21sq,ELD-Lbk,4600lm840,DA2,M625,wh,li



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