

Order No.: 51MF63DCEMBA | **GTIN (EAN):** 4069025811431

Product description: Sil21RoPX,D900,12730lm940,DA2,surf,bk



Silica 21 Round Prismatic X, office luminaire, primary optical cover: prismatic diffuser, of PMMA, 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: 12.730lm, luminous efficacy: 157lm/W, light colour: 940, colour temperature: 4000K, control gear: DALI 2, with system connector, mains connection: 220..240V, AC, 50/60Hz, rated input power: 80.9W, luminaire housing, of aluminium section, matt jet black (RAL 9005), diameter: 900mm, height: 63mm, equipment: Performance, protection rating (complete): IP20, insulation class (complete): insulation class I (protective earthing), certification: CE, impact resistance: IK03, permissible operating ambient temperature: 0..+35°C, standard: EN 50419, packaging unit: 1 piece

IP 20 IK 03  

Lamps:	LED
Wt. (kg):	12.3
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It is mandatory that the assembly instructions must be observed when planning and installing the electrical installation (to be found at www.siteco.de)

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

Issued 17.08.2026 - Modifications and errors subject to change - Ensure that you always use the latest version -

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Detailed technical description: Sil21RoPX,D900,12730lm940,DA2,surf,bk



Key data

- Product type: office luminaire
- Product name: Silica 21 Round Prismatic X
- Order No.: 51MF63DCEMBA

Lighting technology | Lamps | Control gear

Component 1

Lighting technology:

- Cover: prismatic diffuser
- Beam angle: extremely 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: 12730lm
- Luminous efficacy: 157lm/W
- Colour temperature: 4000K
- Colour rendering index: CRI > 90
- Light colour: 940
- SDCM (Standard Deviation of Colour Matching): MacAdam ≤ 2 SDCM (initial)
- Rated input power: 80.9W

Operating device:

- Control: DALI 2

Certificates, Standards

- Protection rating: IP20
- Insulation class: insulation class I (protective earthing)
- Impact resistance: IK03
- Temperature range (operation): 0...+35°C
- Standard: EN 50419
- Certification, designation: CE

Material, Colour

- luminaire housing: aluminium section, matt jet black (RAL 9005)
- Cover: prismatic diffuser of PMMA

Mounting

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

Electrical connection

- Connection: system connector
- Nominal voltage: 220...240V, 50/60Hz, AC

Dimensions, Weight

- Diameter: 900mm
- Height: 63mm
- Weight: 12.3kg

Service life

- Rated service life: 100000h (L85) at AT = 25°C

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