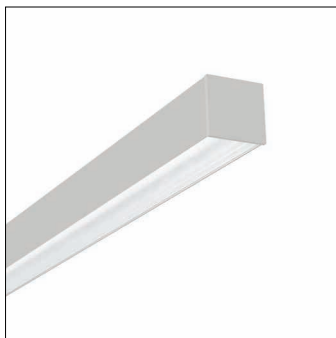# siteco

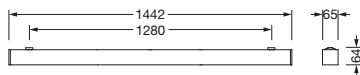**Order No.:** 5MX21BD1W4A | **GTIN (EAN):** 4058352305348
Product description: Silica,4950lm840,DA2,L1442,wh,surf

Silica®, office luminaire, of aluminium, light emission: direct distribution, primary light characteristic: symmetric, installation type: surface-mounted, LED, rated luminous flux: 4.950lm, luminous efficacy: 169lm/W, light colour: 840, colour temperature: 4000K, control gear: ECG DALI, with terminal, 3+2-pole, max. 2.5mm², mains connection: 230V, AC, 50/60Hz, rated input power: 29W, luminaire housing, of aluminium, traffic white (RAL 9016), length: 1.442mm, width: 65mm, height: 64mm, 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):	3.6
GTIN (EAN):	4058352305348

siteco

Order No.: 5MX21BD1W4A | **GTIN (EAN):** 4058352305348
Detailed technical description: Silica,4950lm840,DA2,L1442,wh,surf

Key data
— Product type: office luminaire
— Product name: Silica®
— Order No.: 5MX21BD1W4A

Lighting technology | Lamps | Control gear

Component 1

Lighting technology:
— 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: 4950lm
— Luminous efficacy: 169lm/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: 29W

Operating device:
— Control gear: ECG DALI
— 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: surface-mounted, to the ceiling
— Arrangement: single arrangement

Electrical connection
— Connection: terminal, 3+2-pole, max. 2.5mm²
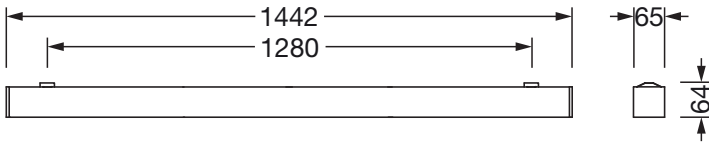— Nominal voltage: 230V, 220..240V, 50/60Hz, AC

Dimensions, Weight
— Length: 1442mm
— Width: 65mm
— Height: 64mm
— Weight: 3.6kg

Service life
— Rated service life: 50000h (L85/B50) at AT = 25°C

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Order No.: 5MX21BD1W4A | **GTIN (EAN):** 4058352305348
Dimensions: Silica,4950lm840,DA2,L1442,wh,surf

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|←————————————— 1442 —————————————→|      →|65|←
  |←————————— 1280 ——————————→|
┌────────────────────────────────────────┐       ⌂   ↕ 64
└────────────────────────────────────────┘
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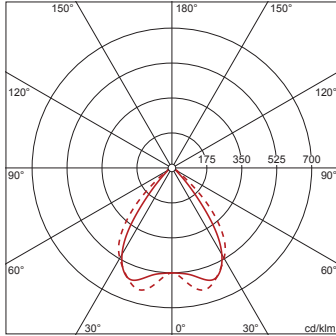**Order No.:** 5MX21BD1W4A **| GTIN (EAN):** 4058352305348
Planning data: Silica,4950lm840,DA2,L1442,wh,surf

5MX21BD1W4A: 1x LED

4058352305348
5MX21BD1W4A
LED 4000 K | CRI ≥ 80 ϕ_N 4950 lm

$\phi_\downarrow$ 100% $\phi_\uparrow$ 0%

Luminance values (cd/m²)

	C 0/180	C 90/270
L_{80}	1073	1278
L_{70}	1727	2144
L_{65}	1968	2820
UGR	17.3	19

X 4H   Y 8H ρ 70/50/20   S 0.25H