

Order No.: 51MX53SG3EB | GTIN (EAN): 4069025311269

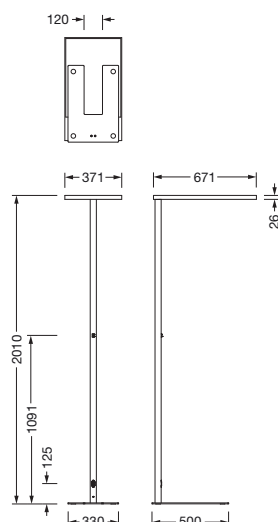
Product description: Sil21FL-R,13750lm830,DA2,PIR-sens,bk



Silica® 21 Floor R, floorstanding luminaire, of PMMA, primary optical cover: prismatic diffuser, of PMMA, CAT 2 ($L \leq 3000 \text{cd/m}^2$), light emission: indirect/direct distribution, primary light characteristic: symmetric, primary optical cover: cover panel, of PMMA, installation type: not mounted, LED, rated luminous flux: 13.750lm, luminous efficacy: 130lm/W, light colour: 830, colour temperature: 3000K, control gear: DALI 2, daylight-dependent control, mains connection: 230V, AC, 50/60Hz, connection cable included, cable length: 2,5m, rated input power: 106W, luminaire head, of aluminium, powder-coated, jet black (RAL 9005), length: 671mm, width: 371mm, height: 2010mm, supporting column, angular, of aluminium, powder-coated, jet black (RAL 9005), baseplate, of steel, powder-coated, jet black (RAL 9005), sensor module PR3-S, local control - self-sufficient standalone sensors, equipment: master, direct and indirect component separately switchable, protection rating (complete): IP20, insulation class (complete): insulation class I (protective earthing), certification: CE, standard: EN 50419, packaging unit: 1 piece

IP 20  

Lamps:	LED
Wt. (kg):	15.1
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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.com)

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

Issued 06.06.2025 - Modifications and errors subject to change - Ensure that you always use the latest version -

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Detailed technical description: Sil21FL-R,13750lm830,DA2,PIR-sens,bk



Key data

- Product type: floorstanding luminaire
- Product name: Silica® 21 Floor R
- Order No.: 51MX53SG3EB

Lighting technology | Lamps | Control gear

Component 1

Lighting technology:

- Cover: cover panel
- Beam angle: wide distribution

Lamps:

- Lamps: with LED
- Rated luminous flux: 13750lm
- Luminous efficacy: 130lm/W
- Colour temperature: 3000K
- Colour rendering index: CRI > 80
- Light colour: 830
- SDCM (Standard Deviation of Colour Matching): MacAdam ≤ 3 SDCM (initial)
- Rated input power: 106W
- Supplement: with ambient light and presence detector

Operating device:

- Control: DALI 2, direct and indirect component separately switchable
- Switching method: daylight-dependent control

Component 2

Certificates, Standards

- Protection rating: IP20
- Insulation class: insulation class I (protective earthing)
- Standard: EN 50419
- Certification, designation: CE

Material, Colour

- luminaire head: aluminium, powder-coated, jet black (RAL 9005)
- Colour specification: jet black (RAL 9005)
- supporting column: aluminium, powder-coated, jet black (RAL 9005), angular
- Quantity: 1 piece
- Colour specification: jet black (RAL 9005)
- baseplate: steel, powder-coated, jet black (RAL 9005)
- Quantity: 1 piece
- Colour specification: jet black (RAL 9005)
- Cover: prismatic diffuser of PMMA
- Cover: cover panel of PMMA

Mounting

- Mounting method, mounting location: not mounted

Electrical connection

- Nominal voltage: 230V, 50/60Hz, AC
- Connection cable: included, L= 2.5m

Dimensions, Weight

- Length: 671mm
- Width: 371mm
- Height: 2010mm
- Weight: 15.1kg

Service life

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

Inputs

1x PIR movement sensor

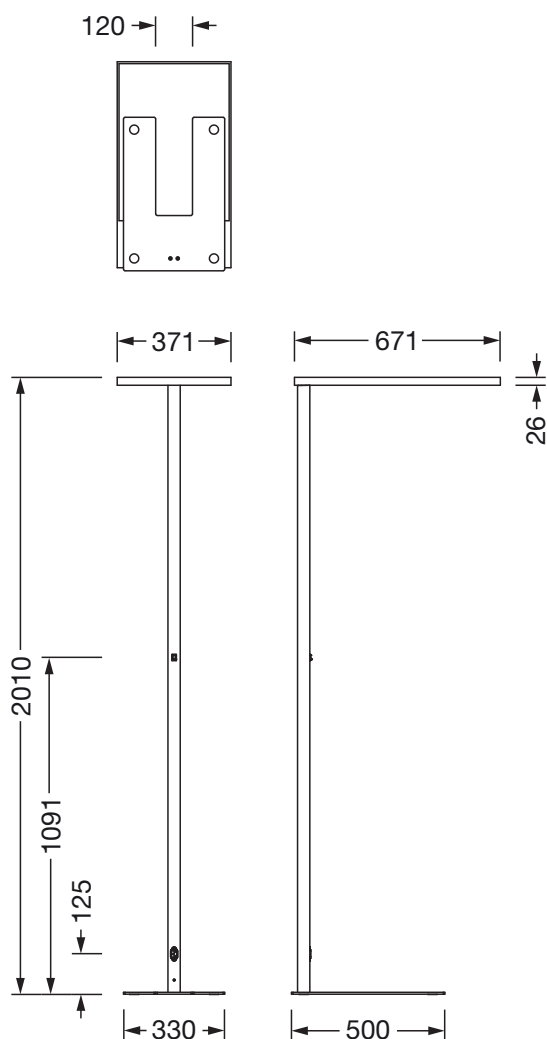
- Connection: PIR sensor (passive-infrared)
- Detection range: tangential max. 4x4m
- Detection range: max. 2x 2m
- Feature: rectangular detection area

2x push button

- Connection: IR receiver
- Option: ON/OFF, dimming, setpoint storage separately for direct and indirect component

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