siteco

Order No.: 51MX53SG3DB | **GTIN (EAN):** 4058352602263

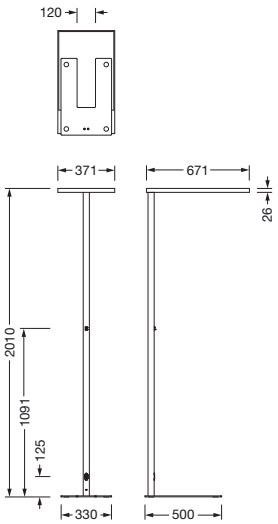
Product description: Sil21FL-R,15000lm830,DA2,PIR,bk



Silica 21 Floor R, floorstanding luminaire, of PMMA, primary optical cover: prismatic diffuser, of PMMA, CAT 2 (L≤ 3000cd/m²), light emission: indirect/direct distribution, primary light characteristic: symmetric, primary optical cover: cover panel, of PMMA, installation type: not mounted, LED, rated luminous flux: 15.000lm, luminous efficacy: 133lm/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: 112.8W, 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, dimmable, 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):	15.1
GTIN (EAN):	4058352602263



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 13.11.2026 - Modifications and errors subject to change - Ensure that you always use the latest version -

Siteco GmbH • Georg-Simon-Ohm-Str. 50 • 83301 Traunreut, Germany • Tel +49(8669)33-0 • Fax +49(8669)33-397 • eMail info@siteco.de • Internet www.siteco.com

siteco

Order No.: 51MX53SG3DB | **GTIN (EAN):** 4058352602263

Detailed technical description: Sil21FL-R,15000lm830,DA2,PIR,bk



Key data
- Product type: floorstanding luminaire
- Product name: Silica 21 Floor R
- Order No.: 51MX53SG3DB

Lighting technology | Lamps | Control gear

Component 1

Lighting technology:
- Cover: prismatic diffuser
- Beam angle: wide distribution
- Symmetry: symmetric
- Light emission: indirect/direct distribution, 87:13
- UGR viewing direction along longitudinal luminaire axis: ≤ 19
- UGR viewing direction along lateral luminaire axis: ≤ 19

Lamps:
- Lamps: with LED
- Rated luminous flux: 15000lm
- Luminous efficacy: 133lm/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: 112.8W
- Supplement: with ambient light and presence detector

Operating device:
- Control: DALI 2, dimmable
- Switching method: daylight-dependent control

Component 2

Lighting technology:
- Cover: cover panel
- Beam angle: wide distribution

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 head: aluminium, powder-coated, jet black (RAL 9005)
- supporting column: aluminium, powder-coated, jet black (RAL 9005), angular
- Quantity: 1 piece
- baseplate: steel, powder-coated, jet black (RAL 9005)
- Quantity: 1 piece
- 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) at AT = 25°C

Inputs

1x PIR movement sensor
- Connection: PIR sensor (passive-infrared)
- Detection angle: 360°
- Detection range: tangential max. 4x4m
- Detection range: max. 2x 2m
- Option: detection range can be limited in stages using extendable lens covers (2x 180°)
- Feature: rectangular detection area

1x light sensor
- Illuminance: 20..800lx (directly at sensor)

1x push button
- Connection: IR receiver
- Option: ON/OFF, dimming, setpoint storage for direct and indirect component

Outputs

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 13.11.2026 - Modifications and errors subject to change - Ensure that you always use the latest version -

Siteco GmbH • Georg-Simon-Ohm-Str. 50 • 83301 Traunreut, Germany • Tel +49(8669)33-0 • Fax +49(8669)33-397 • eMail info@siteco.de • Internet www.siteco.com

Order No.: 51MX53SG3DB | **GTIN (EAN):** 4058352602263

Detailed technical description: Sil21FL-R,15000lm830,DA2,PIR,bk



1x LED red/green

— Feature: for displaying initialization

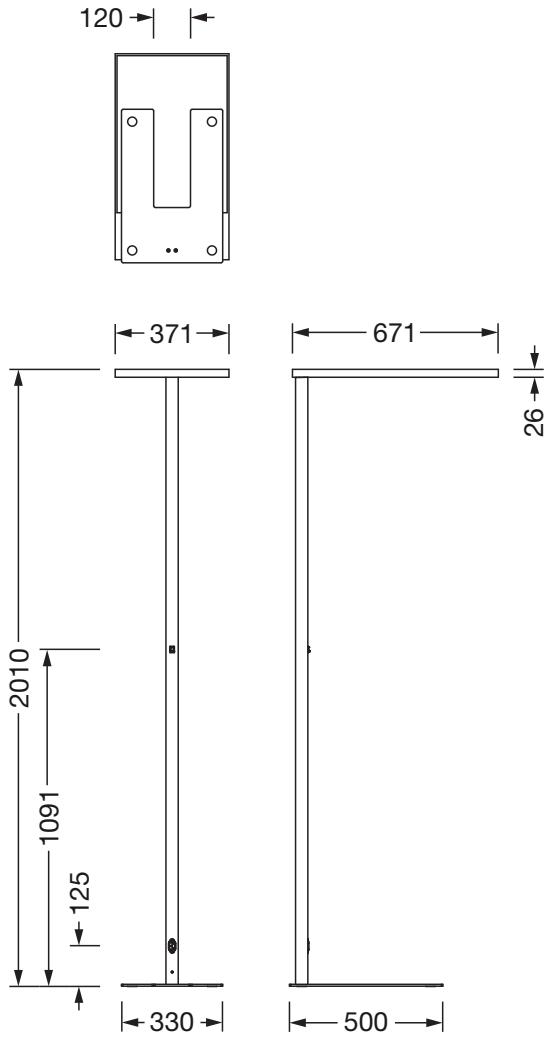
It is mandatory that the assembly instructions must be observed when planning and installing the electrical installation (to be found at www.siteco.de)
Tolerances related to thermal, electrical and photometric data according to IEC 62722
Issued 13.11.2026 - Modifications and errors subject to change - Ensure that you always use the latest version -

Siteco GmbH • Georg-Simon-Ohm-Str. 50 • 83301 Traunreut, Germany • Tel +49(8669)33-0 • Fax +49(8669)33-397 • eMail info@siteco.de • Internet www.siteco.com

siteco

Order No.: 51MX53SG3DB | **GTIN (EAN):** 4058352602263

Dimensions: Sil21FL-R,15000lm830,DA2,PIR,bk



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 13.11.2026 - Modifications and errors subject to change - Ensure that you always use the latest version -

Siteco GmbH • Georg-Simon-Ohm-Str. 50 • 83301 Traunreut, Germany • Tel +49(8669)33-0 • Fax +49(8669)33-397 • eMail info@siteco.de • Internet www.siteco.com