

**Order No.:** 51MX53DA4ZM00982XX | **GTIN (EAN):** 4069025333858

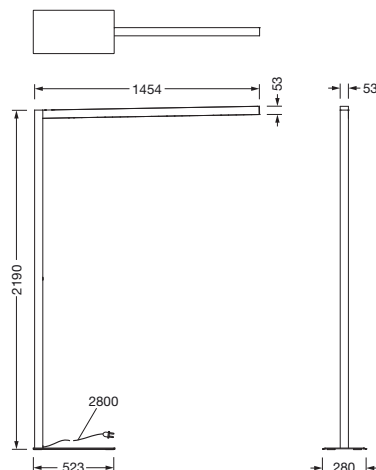
**Product description:** Sil21FLL,13280lm840,DA2,PIR-sens,sr



Silica 21 Floor L, floorstanding luminaire, primary light control with darklight reflector, of PMMA, 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, installation type: not mounted, LED, rated luminous flux: 13.280lm, luminous efficacy: 157lm/W, light colour: 840, colour temperature: 4000K, control gear: DALI 2, daylight-dependent control, mains connection: 230V, AC, 50/60Hz, connection cable pre-assembled, cable length: 2,5m, rated input power: 84.7W, luminaire head, of aluminium, powder-coated, metallic grey (RAL 9006), length: 1.454mm, width: 280mm, height: 2190mm, supporting column, angular, of aluminium, powder-coated, metallic grey (RAL 9006), baseplate, of steel, powder-coated, metallic grey (RAL 9006), 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, permissible operating ambient temperature: 0..+35°C, standard: EN 50419, packaging unit: 1 piece

IP 20  

|             |               |
|-------------|---------------|
| Lamps:      | LED           |
| Wt. (kg):   | 13.7          |
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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](http://www.siteco.com))

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

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**Detailed technical description:** Sil21FLL,13280lm840,DA2,PIR-sens,sr



## Key data

- Product type: floorstanding luminaire
- Product name: Silica 21 Floor L
- Order No.: 51MX53DA4ZM00982XX

## Lighting technology | Lamps | Control gear

### Component 1

#### Lighting technology:

- Cover: cover panel
- Beam angle: wide distribution

#### Lamps:

- Lamps: with LED
- Rated luminous flux: 13280lm
- Luminous efficacy: 157lm/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: 84.7W
- 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)
- Temperature range (operation): 0..+35°C
- Standard: EN 50419
- Certification, designation: CE

## Material, Colour

- luminaire head: aluminium, powder-coated, metallic grey (RAL 9006)
- supporting column: aluminium, powder-coated, metallic grey (RAL 9006), angular
- Quantity: 1 piece
- baseplate: steel, powder-coated, metallic grey (RAL 9006)
- Quantity: 1 piece
- Cover: cover panel

## Mounting

- Mounting method, mounting location: not mounted

## Electrical connection

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

## Dimensions, Weight

- Length: 1454mm
- Width: 280mm
- Height: 2190mm
- Weight: 13.7kg

## 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 separately for direct and indirect component

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## Outputs

### 1x LED red/green

- Feature: for displaying initialization

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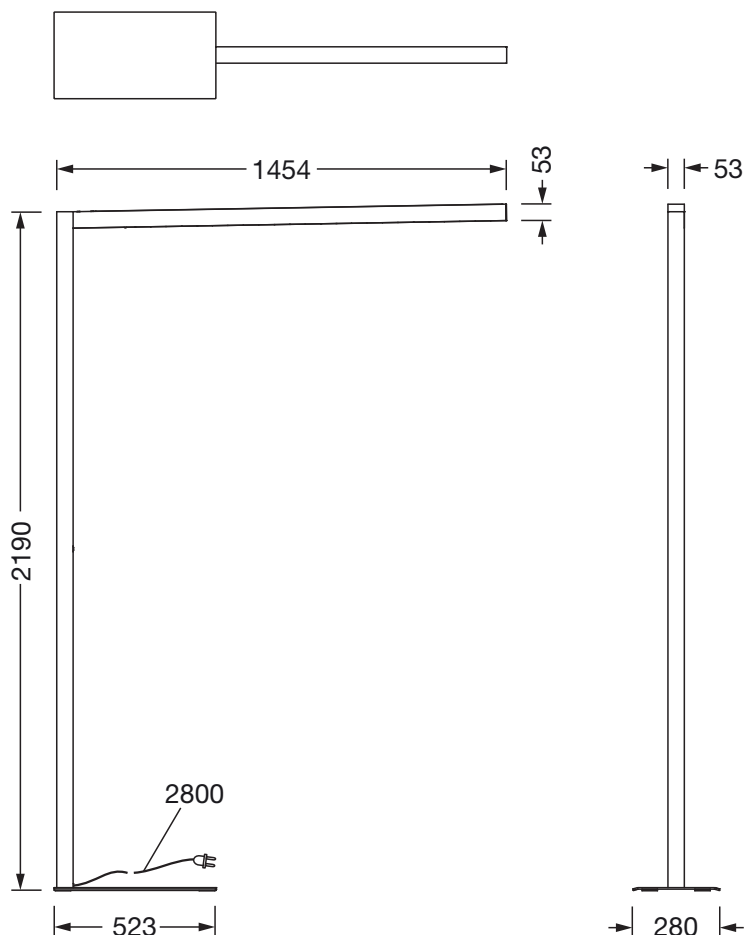
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