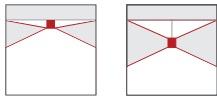


**Order No.:** 53BM812DU4L3D23S | **GTIN (EAN):** 4069025254856

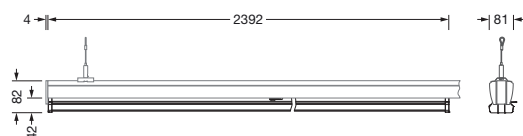
**Product description:** Mod31G2,Li,wd,23600lm840,DA2,wh,8su



Modario® 31 Gen.2, luminaire insert, of sheet steel, coil coated, white, length: 2.392mm, width: 81mm, height: 82mm, 8x system unit, system units: 299mm, LED rated luminous flux: 23.600lm, light colour: 840, SDCM (Standard Deviation of Colour Matching)MacAdam  $\leq 3$  SDCM (initial), control gear: DALI 2, with plug, 6-pole, with phase selection, mains connection: 220..240V, AC, 50/60Hz, rated input power: 132W, for emergency light function, through-wiring accessed according to module size, converter, control gear: single battery element, battery: LiFePO4, 9Ah, primary optical cover: cover, of PMMA, light emission: direct distribution, primary light characteristic: symmetric, protection rating (complete): IP20, protection rating (LED compartment): IP50, insulation class (complete): insulation class I (protective earthing), certification: CE, UKCA, impact resistance: IK03, permissible ambient temperature for indoor applications: +5..+35°C, standard: EN 60598-2-22, corresponds to IFS (International Featured Standards) requirements for safety and quality in the food industry, reducing of maximum allowable ambient temperature of 5°C with ceiling mounting, IP40 when using the optional accessory 5TP9018, packaging unit: 1 piece

IP 20 IK 03  

Lamps:	LED
Wt. (kg):	3.1
GTIN (EAN):	4069025254856



**Order No.:** 53BM812DU4L3D23S | **GTIN (EAN):** 4069025254856

**Detailed technical description:** Mod31G2,Ll,wd,23600lm840,DA2,wh,8su

## Key data

- Product type: luminaire insert
- Product name: Modario® 31 Gen.2
- Order No.: 53BM812DU4L3D23S

## Lighting technology | Lamps | Control gear

### Component 1

#### Lighting technology:

- Cover: cover, prismatic structure, frosted
- Beam angle: wide distribution
- Symmetry: symmetric
- Light emission: direct distribution
- UGR viewing direction along longitudinal luminaire axis:  $\leq 28$
- UGR viewing direction along lateral luminaire axis:  $\leq 28$

#### Lamps:

- Supplement: with self-test function according to EN 60598-2-22, 2-rod battery

#### Operating device:

- Control gear: single battery element
- Battery: LiFePO4
- Nominal operating time: 3h

### Component 2

#### Certificates, Standards

- Protection rating: IP20
- Protection rating (lamp compartment): IP50
- Insulation class: insulation class I (protective earthing)
- Impact resistance: IK03
- Temperature range (operation):  $+5\ldots+35^{\circ}\text{C}$
- Supplement: corresponds to IFS (International Featured Standards) requirements for safety and quality in the food industry, reducing of maximum allowable ambient temperature of  $5^{\circ}\text{C}$  with ceiling mounting, IP40 when using the optional accessory 5TP9018
- Standard: EN 60598-2-22
- Certification, designation: CE, UKCA

## Material, Colour

- PS LED insert: sheet steel, coil coated, white, 8x system unit, for tool-free mounting of luminaire in Modario® trunking rail
- Colour specification: white
- Cover: cover of PMMA

## Mounting

- Arrangement: single/continuous arrangement
- Supplement: only suitable for use in indoor areas

## Electrical connection

- Connection: plug, 6-pole, with phase selection
- Nominal voltage: 220..240V, 50/60Hz, AC

## Dimensions, Weight

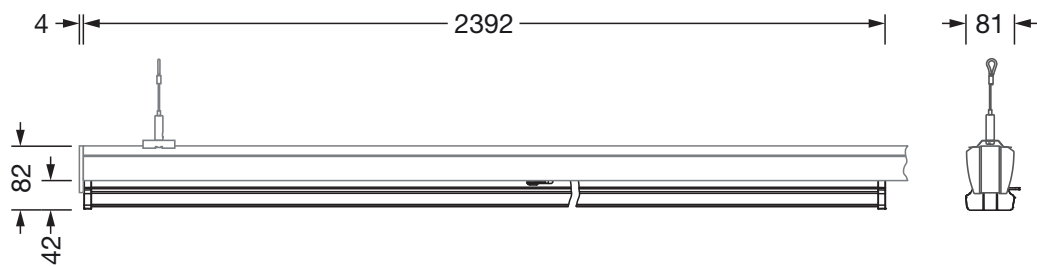
- System units: 8x SE
- Length: 2392mm
- Width: 81mm
- Height: 82mm
- Weight: 3.1kg

## Service life

- Rated service life: 70000h (L80) at AT =  $25^{\circ}\text{C}$ , 70000h (L80) at AT = ta max

**Order No.:** 53BM812DU4L3D23S | **GTIN (EAN):** 4069025254856

**Dimensions:** Mod31G2,LI,wd,23600lm840,DA2,wh,8su



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

Issued 30.08.2025 - Modifications and errors subject to change - Ensure that you always use the latest version -