

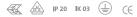
## Order No.: 53BM812CV6C5D2 | GTIN (EAN): 4069025123114 Product description: Mod31G2,Ll,wd,12660lm865,MLCi,wh,5su







Modario® 31 Gen.2, luminaire insert, of sheet steel, coil coated, white, length: 1.495mm, width: 81mm, height: 82mm, 5x system unit, system units: 299mm, LED rated luminous flux: 12.660lm, light colour: 865, control gear: ON/OFF Multilumen, CLOi, with plug, 3-pole, with phase selection, mains connection: 220..240V, AC, 50/60Hz, start of lifetime: 69W, end of service life: 82W, through-wiring accessed according to module size, 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, ENEC, VDE, UKCA, impact resistance: IK03, permissible ambient temperature for indoor applications: -35..+35°C, 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



Lamps: LEE Wt. (kg): 1.9

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## Detailed technical description: Mod31G2,LI,wd,12660lm865,MLCi,wh,5su



#### Key data

- Product type: luminaire insert
- Product name: Modario® 31 Gen.2
- Order No.: 53BM812CV6C5D2

# 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: ≤ 25
- UGR viewing direction along lateral luminaire axis: ≤ 25

#### Lamps:

- Lamps: with LED
- Rated luminous flux: 12660lm
- Luminous efficacy: 185lm/W
- Colour temperature: 6500K
- Colour rendering index: CRI > 80
- Light colour: 865
- SDCM (Standard Deviation of Colour Matching): MacAdam ≤ 3 SDCM (initial)
- Rated input power begin service life: 69
- Rated input power end service life: 82

#### Operating device:

Control: ON/OFF Multilumen, CLOi

#### Certificates, Standards

- Protection rating: IP20
- Protection rating (lamp compartment):
   IP50
- Insulation class: insulation class I (protective earthing)
- Impact resistance: IK03
- Temperature range (operation): -35..+35°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°C
   with ceiling mounting, IP40 when using
   the optional accessory 5TP9018
- Certification, designation: CE, ENEC, VDE, UKCA

#### Material, Colour

- PS LED insert: sheet steel, coil coated, white, 5x system unit, for tool-free mounting of luminaire in Modario<sup>®</sup> trunking rail
- Colour specification: white
- Cover: cover of PMMA

#### Mounting

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

#### **Electrical connection**

- Connection: plug, 3-pole, with phase selection
- Nominal voltage: 220..240V, 50/60Hz, AC

#### **Dimensions, Weight**

System units: 5x SE
Length: 1495mm
Width: 81mm
Height: 82mm
Weight: 1.9kg

#### Service life

 Rated service life: 70000h (L100/B50) at AT = ta max, 70000h (L100/B50) at AT = 25°C

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 14.06.2024 - Modifications and errors subject to change - Ensure that you always use the latest version -



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