

Order No.: 53BM8127V68XC2 | **GTIN (EAN):** 4069025121707

Product description: Modario® 31 G2, LI, wd, 8340lm 865, 0/1, 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: 8.340lm, light colour: 865, control gear: ON/OFF, control gear: ECG, with plug, 3-pole, with phase selection, mains connection: 220..240V, AC, 50/60Hz, rated input power: 48W, 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..+45°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:	LED
Wt. (kg):	1.9
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Detailed technical description: Mod31G2,Ll,wd,8340lm865,0/1,wh,5su



Key data

- Product type: luminaire insert
- Product name: Modario® 31 Gen.2
- Order No.: 53BM8127V68XC2

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: ≤ 28
- UGR viewing direction along lateral luminaire axis: ≤ 28

Lamps:

- Lamps: with LED
- Rated luminous flux: 8340lm
- Luminous efficacy: 174lm/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: 48W

Operating device:

- Control gear: ECG
- Control: ON/OFF

Certificates, Standards

- Protection rating: IP20
- Protection rating (lamp compartment): IP50
- Insulation class: insulation class I (protective earthing)
- Impact resistance: IK03
- Temperature range (operation): -35..+45°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® 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 (L80/B50) at AT = 25°C, 70000h (L80/B50) at AT = ta max

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