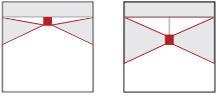# siteco

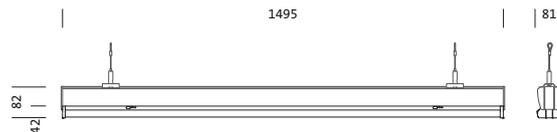**Order No.:** 53BM812CV6C5D2 | **GTIN (EAN):** 4069025123114
Product description: Mod31G2,LI,wd,12660lm865,MLCi,wh,5su

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, SDCM (Standard Deviation of Colour Matching)MacAdam ≤ 3 SDCM (initial), 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, The light source and the operating device comply with the requirements of the Ecodesign Regulation (EU) 2019/2020 and are replaceable in accordance with this regulation, packaging unit: 1 piece

IP 20   IK 03   CE

Lamps:	LED
Wt. (kg):	1.9
GTIN (EAN):	4069025123114

1495   81

82

42

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Order No.: 53BM812CV6C5D2 | **GTIN (EAN):** 4069025123114
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: ≤ 28
— UGR viewing direction along lateral luminaire axis: ≤ 28

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 trunking rail
— Cover: cover of PMMA

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

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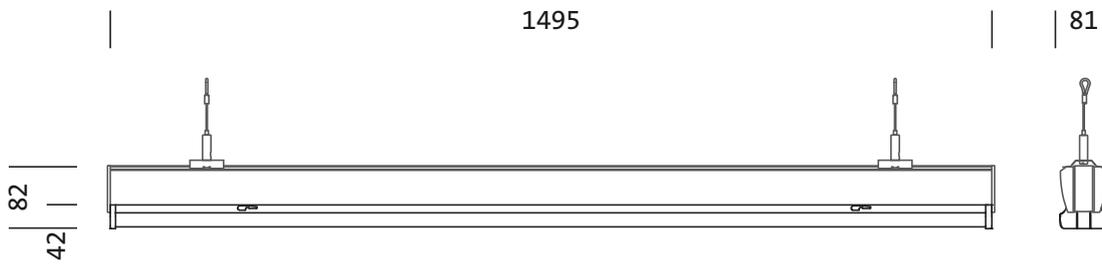— Nominal voltage: 220..240V, 50/60Hz, AC

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

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

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Order No.: 53BM812CV6C5D2 | **GTIN (EAN):** 4069025123114
Dimensions: Mod31G2,LI,wd,12660lm865,MLCi,wh,5su

1495   81

82
42