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Order No.: 53BM8137U4F5C2 | **GTIN (EAN):** 4069025227164
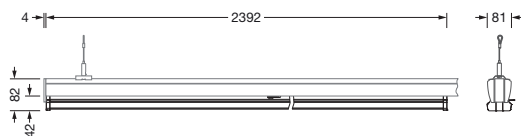**Product description:** Mod31G2,LI,e.nrrw,15990lm840,0/1,wh,8su

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: 15.990lm, light colour: 840, control gear: ON/OFF, with plug, 3-pole, with phase selection, mains connection: 220..240V, AC, 50/60Hz, rated input power: 90W, 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: -40..+40°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, packaging unit: 1 piece

IP 20   IK 03   CE

Lamps:	LED
Wt. (kg):	3.1
GTIN (EAN):	4069025227164

It is mandatory that the assembly instructions must be observed when planning and installing the electrical installation (to be found at www.siteco.de)
Tolerances related to thermal, electrical and photometric data according to IEC 62722
Issued 09.04.2025 - Modifications and errors subject to change - Ensure that you always use the latest version -

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Order No.: 53BM8137U4F5C2 | **GTIN (EAN):** 4069025227164
Detailed technical description: Mod31G2,LI,e.nrrw,15990lm840,0/1,wh,8su

Key data
— Product type: luminaire insert
— Product name: Modario® 31 Gen.2
— Order No.: 53BM8137U4F5C2

Lighting technology | Lamps | Control gear

Component 1

Lighting technology:
— Cover: cover, prismatic structure, frosted
— Beam angle: extremely narrow 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: 15990lm
— Luminous efficacy: 177lm/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: 90W

Operating device:
— 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): -40..+40°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
— Certification, designation: CE, ENEC, VDE, 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, 3-pole, with phase selection
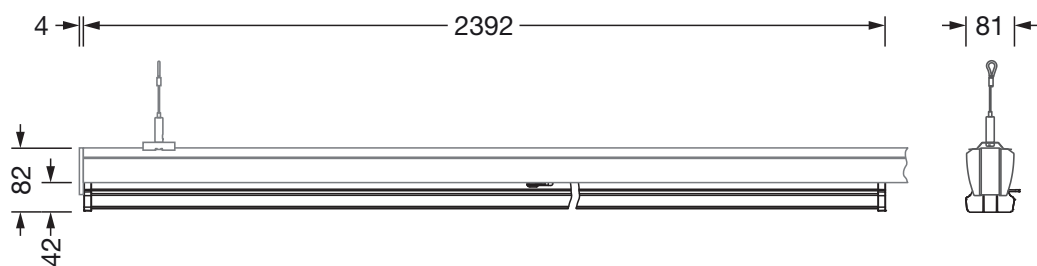— Nominal voltage: 220..240V, 50/60Hz, AC

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

Service life
— Rated service life: 70000h (L80/B50) at AT = 25°C, 70000h (L80/B50) at AT = ta max

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Dimensions: Mod31G2,LI,e.nrrw,15990lm840,0/1,wh,8su

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