

Order No.: 53BM812C1V4105 | **GTIN (EAN):** 4058352421802

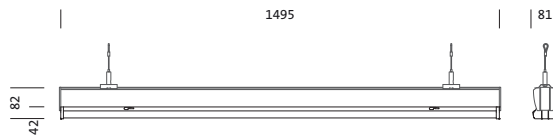
Product description: Modario® 31 HO, LI, wd, 10520lm840, MLCi, wh, 5su



Modario® 31 HO, 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: 10.520lm, light colour: 840, control gear: ON/OFF Multilumen, CLOi, control gear: ECG Multilumen, with plug, 3-pole, with phase selection, mains connection: 220..240V, AC, 50/60Hz, start of lifetime: 64W, end of service life: 73W, 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, packaging unit: 1 piece



Lamps: LED
 Wt. (kg): 1.9
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Detailed technical description: Mod31HO,LI,wd,10520lm840,MLCi,wh,5su



Key data

- Product type: luminaire insert
- Product name: Modario® 31 HO
- Order No.: 53BM812C1V4105

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: 10520lm
- Luminous efficacy: 165lm/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 begin service life: 64
- Rated input power end service life: 73

Operating device:

- Control gear: ECG Multilumen
- 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
- 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

Electrical connection

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

Dimensions, Weight

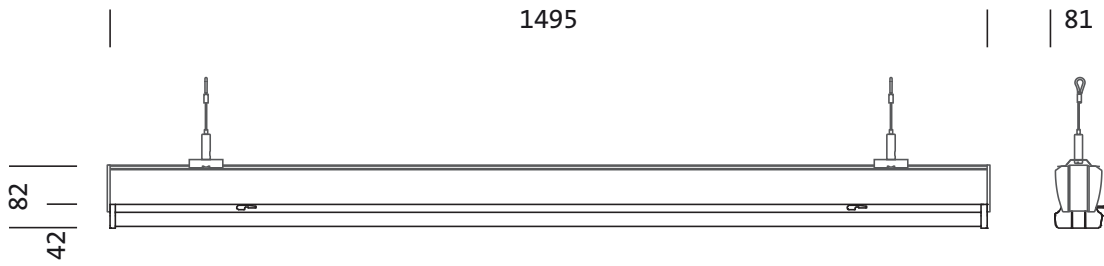
- System units: 5x SE
- Length: 1495mm
- Width: 81mm
- Height: 82mm
- Weight: 1.9kg

Service life

- Rated service life: 50000h (L100/B50) at AT = 25°C

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Dimensions: Mod31HO,LI,wd,10520lm840,MLCi,wh,5su



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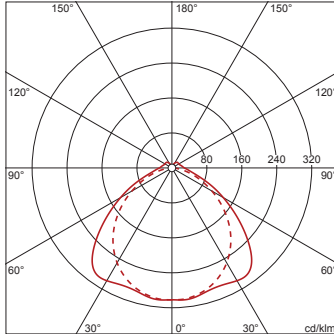
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53BM812C1V4105: 1x LED

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LED 4000 K | CRI ≥ 80 ϕ_N 10520 lm



ϕ_d 92% ϕ_r 8%

Luminance values (cd/m²)

	C 0/180	C 90/270
L ₈₀	8020	11745
L ₇₀	10992	16170
L ₆₅	13644	18116

UGR 25.9 25.9

X 4H Y 8H ρ 70/50/20 S 0.25H