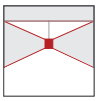
siteco

Order No.: 53BD81271V6080 | **GTIN (EAN):** 4058352434451

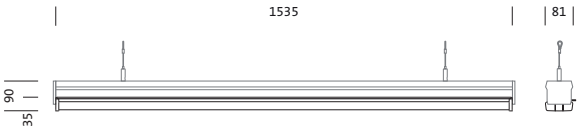
Product description: DUS31MO,LI,wd,7820lm865,0/1,wh,5su



DUS® 31 MO, luminaire insert, of sheet steel, coil coated, white, length: 1.535mm, width: 81mm, height: 90mm, 5x system unit, system units: 307mm, LED rated luminous flux: 7.820lm, 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: 51W, 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

IP 20 IK 03

Lamps:	LED
Wt. (kg):	1.8
GTIN (EAN):	4058352434451



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 06.06.2024 - Modifications and errors subject to change - Ensure that you always use the latest version -

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Order No.: 53BD81271V6080 | **GTIN (EAN):** 4058352434451

Detailed technical description: DUS31MO,LI,wd,7820lm865,0/1,wh,5su

Key data
- Product type: luminaire insert
- Product name: DUS® 31 MO
- Order No.: 53BD81271V6080

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: 7820lm
- Luminous efficacy: 154lm/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: 51W

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..+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 DUS® mounting 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: 1535mm
- Width: 81mm
- Height: 90mm
- Weight: 1.8kg

Service life
- Rated service life: 50000h (L85/B50) at AT = 25°C

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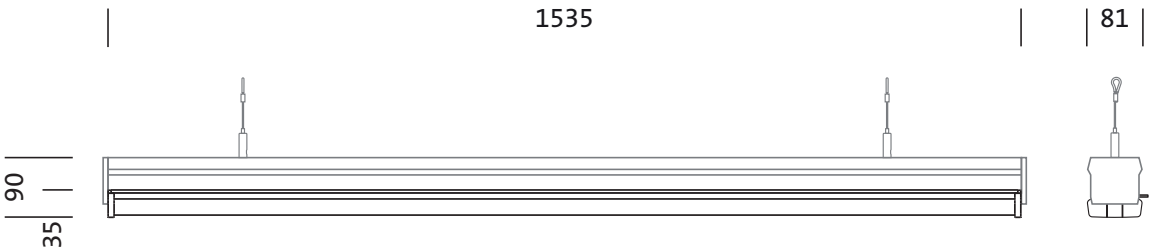
Dimensions: DUS31MO,LI,wd,7820lm865,0/1,wh,5su



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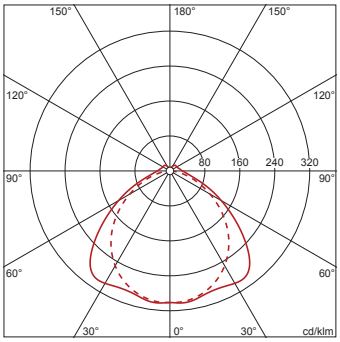
Planning data: DUS31MO,LI,wd,7820lm865,0/1,wh,5su

53BD81271V6080: 1x LED

4058352434451
53BD81271V6080
LED 6500 K | CRI ≥ 80 ϕ_N 7820 lm



$\phi_{\downarrow}$ 92% $\phi_{\uparrow}$ 8%

Luminance values (cd/m²)

	C 0/180	C 90/270
L_{80}	5773	8544
L_{70}	7951	11768
L_{65}	9884	13189

UGR	24.8	24.8

X 4H Y 8H ρ 70/50/20 S 0.25H

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