

**Order No.:** 53BD81271V4080 | **GTIN (EAN):** 4058352425886

**Product description:** DUS31MO,LI,wd,7810lm840,0/1,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: 7.810lm, light colour: 840, 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



Lamps:	LED
Wt. (kg):	1.8
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Detailed technical description: DUS31MO,LI,wd,7810lm840,0/1,wh,5su



#### Key data

- Product type: luminaire insert
- Product name: DUS® 31 MO
- Order No.: 53BD81271V4080

#### 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:  $\leq 25$
- UGR viewing direction along lateral luminaire axis:  $\leq 25$

#### Lamps:

- Lamps: with LED
- Rated luminous flux: 7810lm
- Luminous efficacy: 154lm/W
- Colour temperature: 4000K
- Colour rendering index: CRI > 80
- Light colour: 840
- SDCM (Standard Deviation of Colour Matching): MacAdam  $\leq 3$  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,7810lm840,0/1,wh,5su



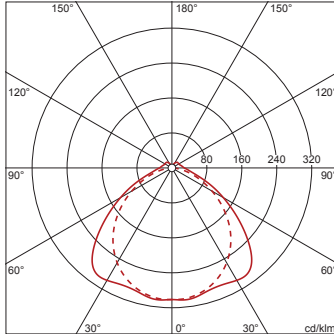
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**53BD81271V4080: 1x LED**

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53BD81271V4080

LED 4000 K | CRI ≥ 80  $\phi_{\text{N}}$  7810 lm



$\phi_{\text{d}}$  92%  $\phi_{\text{r}}$  8%

Luminance values (cd/m<sup>2</sup>)

	C 0/180	C 90/270
L <sub>80</sub>	5765	8533
L <sub>70</sub>	7941	11753
L <sub>65</sub>	9871	13172

UGR 24.8 24.8

X 4H Y 8H  $\rho$  70/50/20 S 0.25H