

Order No.: 53BD812CV685C2 | **GTIN (EAN):** 4069025124326

Product description: DUS31G2,LI,wd,8970lm865,MLCi,wh,5su



DUS 31 Gen.2, 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: 8.970lm, 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: 50W, end of service life: 61W, 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..+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, 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



Lamps:	LED
Wt. (kg):	1.8
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Detailed technical description: DUS31G2,Ll,wd,8970lm865,MLCi,wh,5su



Key data

- Product type: luminaire insert
- Product name: DUS 31 Gen.2
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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: 8970lm
- Luminous efficacy: 180lm/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: 50
- Rated input power end service life: 61

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..+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, 5x system unit, for tool-free mounting of luminaire in DUS mounting 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: 1535mm
- Width: 81mm
- Height: 90mm
- Weight: 1.8kg

Service life

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

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