

**DOTLUX LED moisture-proof luminaire MISTRAL IP66 1540mm max.57W 4000K frosted**

Order number: 2357-440120

- Faster installation thanks to innovative luminaire design. Combination of LED gear tray and cover.
- Individually replaceable branded components for the lowest maintenance costs
- UV-stable, shatterproof IK08/IP66 polycarbonate housing with frosted cover ensures shadow-free light distribution
- 5-pole through-wired with two internal luminaire connection terminals
- 2 full cable glands & blanking plugs
- Stainless steel fasteners with integrated anti-theft device
- Mounting accessories supplied (chain/ceiling/wall mounting) incl. rear panel punchings
  
- The D mark of this luminaire with limited surface temperature is a basic requirement for luminaires in locations with a fire hazard (DIN EN 60598-2-24, VDE 0711-2-24) This LED luminaire is suitable for use in food processing plants.
- This means it can also be used in areas that are certified in accordance with the International Featured Standard (IFS) or British Retail Consortium (BRC).
- Sustainable product design thanks to easily replaceable components
- Flicker free
- Adjustable output thanks to Power Select: 65%, 80%, 85%, 100%

Power consumption in watts: 37/46/48/57; Net luminous flux in lumens: 5400/6580/6900/7970; Lumen per watt: 145/143/143/140; Beam angle: 120; protection class (IP): IP66; Light color: white; Input voltage: 176 - 240 V AC/DC; Service life: approx. 50.000 h at 25°C; Color temperature in Kelvin: 4000; Color-rendering-index: CRI > 82; Power Factor: 0,98; Inrush current in A: 0; IK protection: IK08; Lumen per watt: 145/143/143/140; Protection class: I; Housing colour: gray; Switch cycles: > 100.000; Food-Ready: Yes; Input voltage span: 176-240; Warranty in years: 5; L80/B10: 50000; Suitable for mounting: No; Input voltage range luminaire: 176-240; Energy efficiency class according to EU regulation 2019/2015: not required; Lifetime L80/B10 at 25°C: 50000; LED-Lifetime light source L70/B50 at 25°C: 100000; ETIM Gruppen-ID: ECO02892; With illuminant: Yes; Suitable for wall mounting: Yes; Suitable for suspended mounting: Yes; Suitable for ceiling mounting: Yes; Suitable for workplace according to EN 12464-1: No; Material cover: Plastic matt/satinized; Dimming 0-10 V: No; Dimming 1-10 V: No; Dimming DALI: No; Dimming DMX: No; Dimming DSI: No; Dimming potentiometer (integrated): No; Dimming LineSwitch: No; Dimming manufacturer's proprietary system: No; Dimming mains voltage modulation: No; Dimming phase cut-off: No; Dimming programmable: No; Dimming RF: No; Dimming Sine Wave Reduction: No; Dimming Touch and Dim: No; Dimming Zigbee: No; Dimming with push-button: No; Dimming depending on control gear: No; No dim function: Yes; Impact strength: IK08; With movement sensor: No; With light sensor: No; Covering of the luminaire with thermally insulating material possible: No; With air slots: No; Constant light output (CLO): No; Type of wiring: Through wiring included; Operation by Bluetooth: No; Compatible with Casambi: No; Compatible with Apple HomeKit: No; Compatible with Google Assistant: No; Compatible with Amazon Alexa: No; Dimming DALI-2: No; Dimming phase cut-on: No; Dimming GPRS: No; Lifetime L70/B50 at 25°C: 100000; Lifetime L90/B10 at 25°C: 25000; Pulse duration in µs: 0; BEG funding: only relevant in Germany; Energieeffizienzklasse der Lichtquelle einer Leuchte: C; Light outlet: Direct; Colour of light adjustable: No; Beam angle adjustable: No; Light sharing: Symmetric; Beam angle: Extreme wide beam >80° width: 100mm