

PRODUCT NO. 2357-440120

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



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- 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%

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| SUCCESSION ARTICLE | - | BEAM ANGLE | 120 |
| PREDECESSOR ARTICLE | 2357-1 2357-140180 2357-240180 2357-340120 | PROTECTION CLASS (IP) | IP66 |
| WEIGHT IN KG | 2.3 | LIGHT COLOR | white |
| POWER CONSUMPTION IN WATTS | 37/46/48/57 | INPUT VOLTAGE | 176 - 240 V AC/DC |
| NET LUMINOUS FLUX IN LUMENS | 5400/6580/6900/7970 | SERVICE LIFE | approx. 50.000 h at 25°C |
| LUMEN PER WATT | 145/143/143/140 | COLOR TEMPERATURE IN KELVIN | 4000 |
| | | COLOR-RENDERING-INDEX | CRI > 82 |
| | | POWER FACTOR | 0,98 |
| | | INRUSH CURRENT IN A | 0 |
| | | IK PROTECTION | IK08 |
| Dimensions | | LUMEN PER WATT | 145/143/143/140 |
| length: 1540mm | | PROTECTION CLASS | I |
| width: 100mm | | HOUSING COLOUR | gray |
| height: 78mm | | 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 |

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|---|--------------------------|
| LIFETIME L80/B10 AT 25°C | 50000 |
| LED-LIFETIME LIGHT SOURCE L70/B50 AT 25°C | 100000 |
| ETIM GROUP IDENTIFICATION NUMBER | EC002892 |
| 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 |
| ENERGY EFFICIENCY CLASS OF THE LIGHT SOURCE OF A LUMINAIRE | C |
| LIGHT OUTLET | Direct |
| COLOUR OF LIGHT ADJUSTABLE | No |

BEAM ANGLE ADJUSTABLE
LIGHT SHARING
BEAM ANGLE

No
Symmetric
Extreme wide beam >80°