

PRODUCT NO. 2822-840120 B-Ware

DOTLUX LED moisture-proof luminaire MISTRALsensor IP66 1540mm 38W Powerselect 4000K frosted with radar sensor B-goods



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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
- Stainless steel catches with integrated anti-theft device
- Mounting accessories supplied (chain/ceiling/wall mounting) incl. rear panel punchings
- POWERselect: Dimmable in 10 steps of approx. 2.5 watts each (18-42 watts via dip switch in the luminaire) additionally via remote control 50-100%
- Remote control 5139 is required to set the sensor. Any number of luminaires can be set with one remote control. From a mounting height of 4m, we recommend the long range remote control 5452.
- The luminaire retains the set values even in the event of a temporary power failure
- Three different functions of the high-frequency sensor possible:
 1. On/off function via sensor then 0% light intensity
 2. On/off function via sensor with adjustable afterglow duration/brightness
 3. ON function via sensor followed by permanent basic brightness (10% / 30% brightness)
- In addition, the following values can be set in stages:
 - Range range (25/50/100% up to 7m)
 - Daylight sensor (5 / 15 / 50Lux / deactivated)
 - Light duration (5s / 1min / 5min / 10min)
 - Afterglow duration (0s / 1min / 30min / permanent)
 - Afterglow brightness (10% / 30%)
- 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.
- It can therefore also be used in areas that are certified in accordance with the International Featured Standard (IFS) or British Retail Consortium (BRC).
- Sustainable, repairable product design

WEIGHT IN KG	2.4
CONSUMPTION (KWH/1000H)	38
LUMEN PER WATT	134
POWER CONSUMPTION IN WATTS	38
NET LUMINOUS FLUX IN LUMENS	5100

BEAM ANGLE	120°
PROTECTION CLASS (IP)	IP66
INPUT VOLTAGE	220 - 240 V AC
SERVICE LIFE	approx. 50.000 h at 25°C
COLOR TEMPERATURE IN KELVIN	4000
POWER SUPPLY	Integrated
COLOR-RENDERING-INDEX	CRI > 82
MOTION SENSOR	Radar, corridor-plus-function
POWER FACTOR	0,9
IK PROTECTION	IK08
TC TEMPERATURE IN °C	80
LUMEN PER WATT	134

Dimensions

width: 100mm
height: 80mm

length: 1540mm

PROTECTION CLASS	I
HOUSING COLOUR	gray
FIRE PROTECTION "D"	yes
SUITABLE FOR THROUGH-WIRING	through-wired 5-pole
SWITCH CYCLES	> 100.000
FOOD-READY	Yes
COVER MATERIAL	Polycarbonate PC
WARRANTY IN YEARS	0
HOUSING MATERIAL	Polycarbonate
L/B VALUE	L80/B10
RADIO FREQUENCY	5,8 Ghz +/- 75 MHz, ISM wave band
ENERGY EFFICIENCY CLASS ACCORDING TO EU REGULATION 2019/2015	not required
ETIM GRUPPEN-ID	EC002892
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
DIMMING DALI-2	No
DIMMING PHASE CUT-ON	No
DIMMING GPRS	No
OPTICS OF THE COVER	frosted