

PRODUCT NO. 2822-940120

**DOTLUX LED moisture-proof luminaire MISTRALsensor IP66 1540mm 39W Powerselect 4000K frosted with radar sensor**



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- Faster installation due to new type of luminaire design. Combination of LED gear tray and cover.
- Individually replaceable branded components for lowest maintenance costs.
- UV-stable, shatterproof IK08/IP66 polycarbonate housing with frosted cover provides shadow-free light distribution
- 5-pole through-wired with two internal luminaire connection terminals
- 2 full cable glands & blanking plugs
- Stainless steel latches with integrated anti-theft device
- Mounting accessories included (chain/ceiling/wall mounting) incl. back panel punchings
- POWERselect: Dimmable in 10 steps of approx.2.5 watts each (25-39 watts via dip switch in the luminaire) additionally via remote control 50-100%.
- To adjust the sensor the remote control 5139 is needed. With one remote control any number of luminaires can be adjusted. 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 subsequently 0% light intensity
  2. On/Off function via sensor with adjustable persistence/brightness
  3. ON function via sensor followed by permanent basic brightness (10% / 30% brightness)
- In addition, the following values can be adjusted in steps:
  - 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 fire hazard areas (DIN EN 60598-2-24, VDE 0711-2-24) This LED luminaire is suitable for use in food processing plants.
- Therefore it can also be used in areas which are certified according to the International Featured Standard (IFS) or British Retail Consortium (BRC).
- Sustainable, repairable product design

<b>SUCCESSION ARTICLE</b>	-	<b>BEAM ANGLE</b>	120
<b>PREDECESSOR ARTICLE</b>	2822-840120	<b>PROTECTION CLASS (IP)</b>	IP66
<b>WEIGHT IN KG</b>	2.4	<b>LIGHT COLOR</b>	white
<b>LUMEN PER WATT</b>	138	<b>INPUT VOLTAGE</b>	176 - 240 V AC/DC
<b>POWER CONSUMPTION IN WATTS</b>	39	<b>SERVICE LIFE</b>	approx. 50.000 h at 25°C
<b>NET LUMINOUS FLUX IN LUMENS</b>	5390	<b>COLOR TEMPERATURE IN KELVIN</b>	4000
		<b>COLOR-RENDERING-INDEX</b>	CRI > 82
		<b>MOTION SENSOR</b>	Radar on/off, 5m
		<b>POWER FACTOR</b>	0,97
		<b>INRUSH CURRENT IN A</b>	0
<b>Dimensions</b>		<b>IK PROTECTION</b>	IK08
		<b>LUMEN PER WATT</b>	138

**height:** 80mm  
**length:** 1540mm  
**width:** 100mm

<b>PROTECTION CLASS</b>	I
<b>HOUSING COLOUR</b>	gray
<b>SWITCH CYCLES</b>	> 100.000
<b>FOOD-READY</b>	Yes
<b>WARRANTY IN YEARS</b>	5
<b>SUITABLE FOR MOUNTING</b>	No
<b>ENERGY EFFICIENCY CLASS ACCORDING TO EU REGULATION 2019/2015</b>	not required
<b>ETIM GRUPPEN-ID</b>	EC002892
<b>MATERIAL COVER</b>	Plastic matt/satinized
<b>DIMMING 0-10 V</b>	No
<b>DIMMING 1-10 V</b>	No
<b>DIMMING DALI</b>	No
<b>DIMMING DMX</b>	No
<b>DIMMING DSI</b>	No
<b>DIMMING POTENTIOMETER (INTEGRATED)</b>	No
<b>DIMMING LINESWITCH</b>	No
<b>DIMMING MANUFACTURER'S PROPRIETARY SYSTEM</b>	No
<b>DIMMING MAINS VOLTAGE MODULATION</b>	No
<b>DIMMING PHASE CUT-OFF</b>	No
<b>DIMMING PROGRAMMABLE</b>	No
<b>DIMMING RF</b>	No
<b>DIMMING SINE WAVE REDUCTION</b>	No
<b>DIMMING TOUCH AND DIM</b>	No
<b>DIMMING ZIGBEE</b>	No
<b>DIMMING WITH PUSH-BUTTON</b>	No
<b>DIMMING DEPENDING ON CONTROL GEAR</b>	No
<b>NO DIM FUNCTION</b>	Yes
<b>COLOUR CONSISTENCY (MCADAM ELLIPSE)</b>	SDCM6
<b>IMPACT STRENGTH</b>	IK08
<b>WITH LIGHT SENSOR</b>	Yes
<b>COVERING OF THE LUMINAIRE WITH THERMALLY INSULATING MATERIAL POSSIBLE</b>	No
<b>DIMMING DALI-2</b>	No
<b>DIMMING PHASE CUT-ON</b>	No
<b>DIMMING GPRS</b>	No
<b>PULSE DURATION IN µS</b>	0
<b>BEG FUNDING</b>	only relevant in Germany
<b>ENERGIEEFFIZIENZKLASSE DER LICHTQUELLE EINER LEUCHTE</b>	C
<b>COLOUR OF LIGHT ADJUSTABLE</b>	No