

PRODUCT NO. 5458-040120

**DOTLUX LED moisture-proof luminaire MISTRALbasic IP66 1500mm max54W 4000K frosted**



to the product page

MISTRALbasic \“Probably the highest quality LUMINAIRE with basic equipment\”.

- UV-stable, shatterproof IK10 polycarbonate housing with frosted cover ensures shadow-free light distribution
  - Durable foamed polyurethane gasket ensures perfect IP66/IP69 tightness
  - High-quality components from Tridonic and TCI give above-average service life L90B10 50,000h
  - One luminaire for all performance requirements: POWERSELECT in 4 levels (31/39/47/54Watt)
  - Fiberglass reinforced polyamide caps including 4 anti-theft screws
  - Through-wireable with an internal 3-pole luminaire terminal block
  - Supplied with two full cable glands (including one blanking plug)
  - Mounting accessories included (chain/ceiling/wall mounting) incl. three embossments for cable inlets on the rear panel
  - Variable mounting distances facilitate 1:1 replacement of existing luminaires. (970-1230mm)
  - Suitable for ceiling, wall, pendant and chain mounting.
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- The D mark of this luminaire with limited surface temperature is a basic requirement for luminaires in fire hazardous locations (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 product design with easily replaceable branded components (Tridonic ballast and TCI LED modules) for lowest maintenance costs

Adjustable power levels: POWERselect

54W = 7440lm

47W = 6370lm

39W = 5310lm

31W = 4250lm

<b>SUCCESSION ARTICLE</b>	-	<b>BEAM ANGLE</b>	120
<b>WEIGHT IN KG</b>	1.857	<b>PROTECTION CLASS (IP)</b>	other IP66 / IP69
<b>LUMEN PER WATT</b>	137/136/135//137	<b>LIGHT COLOR</b>	white
<b>POWER CONSUMPTION IN WATTS</b>	31/39/47/54	<b>INPUT VOLTAGE</b>	186 - 240 AC/DC
<b>NET LUMINOUS FLUX IN LUMENS</b>	4250/5310/6370/7440	<b>SERVICE LIFE</b>	approx. 50.000 h at 25°C
		<b>COLOR TEMPERATURE IN KELVIN</b>	4000
		<b>COLOR-RENDERING-INDEX</b>	CRI > 82
		<b>POWER FACTOR</b>	0,97
		<b>INRUSH CURRENT IN A</b>	12
<b>Dimensions</b>		<b>IK PROTECTION</b>	IK10
<b>height:</b> 84mm		<b>LUMEN PER WATT</b>	137/136/135//137
<b>length:</b> 1455mm		<b>PROTECTION CLASS</b>	I
<b>width:</b> 98mm		<b>HOUSING COLOUR</b>	gray
		<b>SUITED FOR EMERGENCY LIGHTING</b>	yes

<b>FOOD-READY</b>	Yes
<b>WARRANTY IN YEARS</b>	5
<b>SUITABLE FOR SURFACE MOUNTING</b>	No
<b>SUITABLE FOR MOUNTING</b>	No
<b>ASSORTMENT</b>	Proline
<b>ENERGY EFFICIENCY CLASS ACCORDING TO EU REGULATION 2019/2015</b>	not required
<b>ETIM GROUP IDENTIFICATION NUMBER</b>	EC002892
<b>SUITABLE FOR WALL MOUNTING</b>	Yes
<b>SUITABLE FOR SUSPENDED MOUNTING</b>	No
<b>SUITABLE FOR CEILING MOUNTING</b>	Yes
<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>	IK10
<b>SUITABLE FOR EMERGENCY LIGHTING</b>	Yes
<b>COVERING OF THE LUMINAIRE WITH THERMALLY INSULATING MATERIAL POSSIBLE</b>	No
<b>COMPATIBLE WITH CASAMBI</b>	No
<b>COMPATIBLE WITH APPLE HOMEKIT</b>	No
<b>COMPATIBLE WITH GOOGLE ASSISTANT</b>	No
<b>COMPATIBLE WITH AMAZON ALEXA</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>	37
<b>BEG FUNDING</b>	only relevant in Germany
<b>ENERGY EFFICIENCY CLASS OF THE LIGHT SOURCE OF A LUMINAIRE</b>	C
<b>COLOUR OF LIGHT ADJUSTABLE</b>	No