

PRODUCT NO. 5456-040120

**DOTLUX LED moisture-proof luminaire MISTRALbasic IP66 1200mm max43W 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 (25/31/37/43Watt)
  - Fiberglass-reinforced polyamide fasteners 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. (700-960mm)
  - Suitable for ceiling, wall, pendant and chain mounting
- 
- 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

43W = 6000lm

37W = 5140lm

31W = 4280lm

25W = 3420lm

<b>SUCCESSION ARTICLE</b>	-	<b>BEAM ANGLE</b>	120
<b>WEIGHT IN KG</b>	1.53	<b>PROTECTION CLASS (IP)</b>	other IP66 / IP69
<b>NET LUMINOUS FLUX IN LUMENS</b>	3420/4280/5140/6000	<b>LIGHT COLOR</b>	white
<b>LUMEN PER WATT</b>	137/138/139/139	<b>INPUT VOLTAGE</b>	186 - 240 AC/DC
<b>POWER CONSUMPTION IN WATTS</b>	25/31/37/43	<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>	0,9
		<b>INRUSH CURRENT IN A</b>	7.1
<b>Dimensions</b>		<b>IK PROTECTION</b>	IK10
<b>width:</b> 98mm		<b>LUMEN PER WATT</b>	137/138/139/139
<b>height:</b> 84mm		<b>PROTECTION CLASS</b>	I
<b>length:</b> 1175mm		<b>HOUSING COLOUR</b>	gray
		<b>FOOD-READY</b>	Yes

<b>WARRANTY IN YEARS</b>	5
<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 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>	IK10
<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>	20
<b>BEG FUNDING</b>	only relevant in Germany
<b>ENERGIEEFFIZIENZKLASSE DER LICHTQUELLE EINER LEUCHE</b>	C
<b>COLOUR OF LIGHT ADJUSTABLE</b>	No