

PRODUCT NO. 5458-030120

**DOTLUX LED moisture-proof luminaire MISTRALbasic IP66 1500mm max45W 3000K 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 3 levels (30W/38W/45W)
  - 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.
- 
- 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 through easily replaceable branded components (Tridonic ballast and TCI LED modules) for lowest maintenance costs

SUCCESSION ARTICLE	-	BEAM ANGLE	120°
WEIGHT IN KG	1.86	PROTECTION CLASS (IP)	other IP66 / IP69
LUMEN PER WATT	160/157/160	LIGHT COLOR	white
NET LUMINOUS FLUX IN LUMENS	4790/5990/7190	INPUT VOLTAGE	186 - 240 AC/DC
POWER CONSUMPTION IN WATTS	30/38/45	SERVICE LIFE	approx. 50.000 h at 25°C
		COLOR TEMPERATURE IN KELVIN	3000
		COLOR-RENDERING-INDEX	CRI > 82
		INRUSH CURRENT IN A	12
		IK PROTECTION	IK10
		LUMEN PER WATT	160/157/160
		PROTECTION CLASS	I
		HOUSING COLOUR	gray
		FOOD-READY	Yes
		WARRANTY IN YEARS	5
		ASSORTMENT	Proline
		ENERGY EFFICIENCY CLASS ACCORDING TO EU REGULATION 2019/2015	not required
		ETIM GRUPPEN-ID	EC002892

Dimensions

height: 84mm  
length: 1455mm  
width: 98mm

<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>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>ENERGIEEFFIZIENZKLASSE DER LICHTQUELLE EINER LEUCHTE</b>	C
<b>COLOUR OF LIGHT ADJUSTABLE</b>	No