

PRODUCT NO. 5456-030120

**DOTLUX LED moisture-proof luminaire MISTRALbasic IP66 1200mm max38W 3000K frosted**



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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 ensure above-average service life L90B10 50,000h
  - One luminaire for all performance requirements: POWERSELECT in 3 levels (26W/32W/38W)
  - 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. (700-960mm)
  - 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 through easily replaceable branded components (Tridonic ballast and TCI LED modules) for lowest maintenance costs

SUCCESSION ARTICLE	-	BEAM ANGLE	120°
WEIGHT IN KG	1.602	PROTECTION CLASS (IP)	other IP66 / IP69
NET LUMINOUS FLUX IN LUMENS	3860/4830/5800	LIGHT COLOR	white
LUMEN PER WATT	148/150/152	INPUT VOLTAGE	186 - 240 AC/DC
POWER CONSUMPTION IN WATTS	26/32/38	SERVICE LIFE	approx. 50.000 h at 25°C
		COLOR TEMPERATURE IN KELVIN	3000
		COLOR-RENDERING-INDEX	CRI > 82
		POWER FACTOR	0,93
		INRUSH CURRENT IN A	7.1
Dimensions		IK PROTECTION	IK10
width: 98mm		LUMEN PER WATT	148/150/152
height: 84mm		PROTECTION CLASS	I
length: 1175mm		VOLTAGE TYPE	AC/DC
		HOUSING COLOUR	gray
		SUITED FOR EMERGENCY LIGHTING	No
		FOOD-READY	Yes
		WARRANTY IN YEARS	5

SUITABLE FOR SURFACE MOUNTING	Yes
SUITABLE FOR MOUNTING	No
ASSORTMENT	Proline
ENERGY EFFICIENCY CLASS ACCORDING TO EU REGULATION 2019/2015	not required
ETIM GRUPPEN-ID	EC002892
WITH ILLUMINANT	Yes
SUITABLE FOR WALL MOUNTING	Yes
SUITABLE FOR SUSPENDED MOUNTING	No
SUITABLE FOR CEILING MOUNTING	Yes
LAMP HOLDER	other Without
MATERIAL COVER	Plastic matt/satinized
WITH CONTROL GEAR	Yes
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
COLOUR CONSISTENCY (MCADAM ELLIPSE)	SDCM6
IMPACT STRENGTH	IK10
SUITABLE FOR EMERGENCY LIGHTING	No
WITH MOVEMENT SENSOR	No
WITH LIGHT SENSOR	No
COVERING OF THE LUMINAIRE WITH THERMALLY INSULATING MATERIAL POSSIBLE	No
CONSTANT LIGHT OUTPUT (CLO)	No
LUMINOUS FLUX ADJUSTABLE	Positions
OPERATION BY BLUETOOTH	No
COMPATIBLE WITH CASAMBI	No
COMPATIBLE WITH APPLE HOMEKIT	No
COMPATIBLE WITH GOOGLE ASSISTANT	No
COMPATIBLE WITH AMAZON ALEXA	No
SUITABLE FOR LAMP POWER IN W	38
LAMP TYPE	LED
EMERGENCY POWER SUPPLY INTEGRATED	No
DIMMING DALI-2	No
DIMMING PHASE CUT-ON	No

<b>DIMMING GPRS</b>	No
<b>PULSE DURATION IN <math>\mu</math>S</b>	20
<b>BEG FUNDING</b>	only relevant in Germany
<b>ENERGIEEFFIZIENZKLASSE DER LICHTQUELLE EINER LEUCHTE</b>	C
<b>LIGHT OUTLET</b>	Direct
<b>COLOUR OF LIGHT ADJUSTABLE</b>	No
<b>BEAM ANGLE ADJUSTABLE</b>	No
<b>LIGHT SHARING</b>	Symmetric
<b>TYPE OF GRID</b>	None
<b>LIGHT DISTRIBUTOR</b>	Other
<b>BEAM ANGLE</b>	Extreme wide beam >80°