

PRODUCT NO. 2354-440120

**DOTLUX LED moisture-proof luminaire MISTRAL IP66 640mm max37W 4000K frosted**



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- Faster installation thanks to innovative luminaire design. Combination of LED gear tray and cover.
- Individually replaceable branded components for the lowest maintenance costs
- UV-stable, shatterproof IK08/IP66 polycarbonate housing with frosted cover ensures shadow-free light distribution
- 5-pole through-wired with two internal luminaire connection terminals
- 2 full cable glands & blanking plugs
- Stainless steel fasteners with integrated anti-theft device
- Mounting accessories supplied (chain/ceiling/wall mounting) incl. rear panel punchings
- The D mark of this luminaire with limited surface temperature is a basic requirement for luminaires in locations with a fire hazard (DIN EN 60598-2-24, VDE 0711-2-24)
- This LED luminaire is suitable for use in food processing plants.
- This means that it can also be used in areas that are certified in accordance with the International Featured Standard (IFS) or British Retail Consortium (BRC).

<b>PRODUCT GROUP</b>	EC002892_Decken-/Wandleuchte	<b>BEAM ANGLE</b>	120
<b>SUCCESSION ARTICLE</b>	-	<b>PROTECTION CLASS (IP)</b>	IP66
<b>PREDECESSOR ARTICLE</b>	2354-340120	<b>LIGHT COLOR</b>	white
<b>WEIGHT IN KG</b>	1.084	<b>INPUT VOLTAGE</b>	186 - 240 AC/DC
<b>POWER CONSUMPTION IN WATTS</b>	21/27/32/37	<b>SERVICE LIFE</b>	approx. 50.000 h at 25°C
<b>NET LUMINOUS FLUX IN LUMENS</b>	2980/3670/4290/4860	<b>COLOR TEMPERATURE IN KELVIN</b>	4000
<b>LUMEN PER WATT</b>	141/135/134/131	<b>COLOR-RENDERING-INDEX</b>	CRI > 82
<b>Dimensions</b>		<b>POWER FACTOR</b>	0,97
<b>length:</b> 640mm		<b>INRUSH CURRENT IN A</b>	0
<b>width:</b> 100mm		<b>IK PROTECTION</b>	IK08
<b>height:</b> 80mm		<b>LUMEN PER WATT</b>	141/135/134/131
		<b>PROTECTION CLASS</b>	I
		<b>VOLTAGE TYPE</b>	AC/DC
		<b>HOUSING COLOUR</b>	gray
		<b>SUITED FOR EMERGENCY LIGHTING</b>	No
		<b>SWITCH CYCLES</b>	> 100.000
		<b>FOOD-READY</b>	Yes
		<b>INSTALLATION OPENING WIDTH IN MM</b>	0
		<b>INSTALLATION OPENING LENGHT IN MM</b>	0
		<b>WARRANTY IN YEARS</b>	5
		<b>L80/B10</b>	50000
		<b>SUITABLE FOR SURFACE MOUNTING</b>	Yes
		<b>SUITABLE FOR MOUNTING</b>	No
		<b>ASSORTMENT</b>	Proline

<b>ENERGY EFFICIENCY CLASS ACCORDING TO EU REGULATION 2019/2015</b>	not required
<b>LIFETIME L80/B10 AT 25°C</b>	50000
<b>LED-LIFETIME LIGHT SOURCE L70/B50 AT 25°C</b>	100000
<b>WITH ILLUMINANT</b>	Yes
<b>SUITABLE FOR WALL MOUNTING</b>	Yes
<b>SUITABLE FOR SUSPENDED MOUNTING</b>	Yes
<b>SUITABLE FOR CEILING MOUNTING</b>	Yes
<b>SUITABLE FOR LIGHT LINE CONFIGURATION</b>	No
<b>SUITABLE FOR WORKPLACE ACCORDING TO EN 12464-1</b>	No
<b>LAMP HOLDER</b>	-
<b>MATERIAL COVER</b>	Plastic matt/satinized
<b>TYPE OF CONTROL GEAR</b>	LED operating device current-controlled
<b>WITH CONTROL GEAR</b>	Yes
<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>	SDCM2
<b>IMPACT STRENGTH</b>	IK08
<b>LUMINAIRE WITH LIMITED SURFACE TEMPERATURE, SIGN "D" ACCORDING TO EN 60598-2-24</b>	Yes
<b>SUITABLE FOR EMERGENCY LIGHTING</b>	No
<b>WITH MOVEMENT SENSOR</b>	No
<b>WITH LIGHT SENSOR</b>	No
<b>COVERING OF THE LUMINAIRE WITH THERMALLY INSULATING MATERIAL POSSIBLE</b>	No
<b>WITH AIR SLOTS</b>	No
<b>CONNECTION TYPE</b>	Push-in clamp
<b>OPERATION BY BLUETOOTH</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>EXCHANGEABLE CONTROL GEAR</b>	No
<b>SUITABLE FOR LAMP POWER IN W</b>	37
<b>LAMP TYPE</b>	LED not exchangeable
<b>EMERGENCY POWER SUPPLY INTEGRATED</b>	No
<b>DIMMING DALI-2</b>	No
<b>DIMMING PHASE CUT-ON</b>	No
<b>DIMMING GPRS</b>	No
<b>LIFETIME L70/B50 AT 25°C</b>	100000
<b>LIFETIME L90/B10 AT 25°C</b>	25000
<b>PULSE DURATION IN µS</b>	0
<b>BEG FUNDING</b>	only relevant in Germany
<b>ENERGY EFFICIENCY CLASS OF THE LIGHT SOURCE OF A LUMINAIRE</b>	C
<b>ELDAS-NR.</b>	941007429
Dimension Length in mm	
<b>DIAMETER IN MM</b>	0
<b>MAX. SYSTEM POWER IN W</b>	37
<b>RATED AMBIENT TEMPERATURE ACCORDING TO IEC62722-2-1 IN °C</b>	-20-45
<b>ABMESSUNGEN BREITE MM</b>	100
<b>ABMESSUNGEN HÖHE MM</b>	80
<b>INSTALLATION HEIGHT/DEPTH IN MM</b>	0
<b>NOMINAL VOLTAGE IN V</b>	230
<b>LIGHT OUTLET</b>	Direct
<b>TYPE OF WIRING</b>	Suitable for through wiring
<b>COLOUR OF LIGHT ADJUSTABLE</b>	No
<b>LUMINOUS FLUX ADJUSTABLE</b>	No
<b>BEAM ANGLE ADJUSTABLE</b>	No
<b>LIGHT SHARING</b>	Symmetric
<b>SURFACE PROTECTION HOUSING</b>	Plastic-coated
<b>TYPE OF GRID</b>	None
<b>LIGHT DISTRIBUTOR</b>	None
<b>BEAM ANGLE</b>	Extreme wide beam >80°