

PRODUCT NO. 4554-140140

**DOTLUX LED EX safety light MISTRALex EX Protected IP66 1272mm 44W 4000K IK10 Zone 2 & 22**



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- UV-stable, shatterproof IK10/IP66 polycarbonate housing with frosted cover ensures shadow-free light distribution
- Stainless steel catches with integrated anti-theft device
- Can be wired through with an internal 3-pole luminaire connection terminal
- Now supplied with two ATEX cable glands (incl. one dummy plug)
- Silicone-free, also for paint shops
- Suitable for central battery
- ATEX certified
- Mounting accessories included (chain/ceiling/wall mounting)
- Explosion group:
  - II 3 G Ex nR IIC T6 Gc
  - II 3 D Ex tc IIIC T70°C Dc
- The D mark of this luminaire with limited surface temperature is a basic requirement for luminaires in flammable locations (DIN EN 60598-2-24, VDE 0711-2-24)
- Sustainable product design thanks to easily replaceable components

<b>PRODUCT GROUP</b>	EC001952_Explosiongeschützte Leuchte Festmontage		
<b>SUCCESSION ARTICLE</b>	-	<b>BEAM ANGLE</b>	140
<b>PREDECESSOR ARTICLE</b>	4554-040140	<b>PROTECTION CLASS (IP)</b>	IP66
<b>WEIGHT IN KG</b>	2.85	<b>LIGHT COLOR</b>	white
<b>POWER CONSUMPTION IN WATTS</b>	44	<b>INPUT VOLTAGE</b>	186 - 240 AC/DC
<b>NET LUMINOUS FLUX IN LUMENS</b>	6710	<b>SERVICE LIFE</b>	approx. 50.000 h at 25°C
<b>LUMEN PER WATT</b>	153	<b>COLOR TEMPERATURE IN KELVIN</b>	4000
		<b>POWER FACTOR</b>	0.92
		<b>INRUSH CURRENT IN A</b>	0
		<b>LUMEN PER WATT</b>	153
		<b>PROTECTION CLASS</b>	I
<b>Dimensions</b>		<b>VOLTAGE TYPE</b>	AC/DC
<b>length:</b> 1272mm		<b>WARRANTY IN YEARS</b>	7
<b>width:</b> 145mm		<b>L80/B10</b>	50000
<b>height:</b> 111mm		<b>DIMMING WITHOUT DIMMER</b>	No
		<b>ASSORTMENT</b>	Highline
		<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>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>LIGHT DISTRIBUTOR</b>	Diffuser lens/optic/panel
<b>IMPACT STRENGTH</b>	IK10
<b>CONSTANT LIGHT OUTPUT (CLO)</b>	No
<b>CONNECTION TYPE</b>	Push-in clamp
<b>ADJUSTABLE</b>	Nein
<b>EXCHANGEABLE CONTROL GEAR</b>	Yes
Suitable for lamp power in w	
<b>LAMP TYPE</b>	LED exchangeable
<b>MOUNTING METHOD</b>	Wall/ceiling mounting
<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>	D
<b>ELDAS-NR.</b>	941301979
<b>DIAMETER IN MM</b>	0
<b>MAX. SYSTEM POWER IN W</b>	44
<b>RATED AMBIENT TEMPERATURE ACCORDING TO IEC62722-2-1 IN °C</b>	-25-55
<b>ABMESSUNGEN BREITE MM</b>	145
<b>ABMESSUNGEN HöHE MM</b>	111
<b>NOMINAL VOLTAGE IN V</b>	230
<b>MAX. NUMBER OF LIGHTS PER MINIATURE CIRCUIT BREAKER B16</b>	30
<b>MAX. NUMBER OF LIGHTS PER CIRCUIT BREAKER C16</b>	51
<b>TYPE OF WIRING</b>	Suitable for through wiring
<b>BEAM ANGLE</b>	Extreme wide beam >80°