

PRODUCT NO. 5433-140150

**DOTLUX LED moisture-proof luminaire MISTRALsmart 22W/30W 4000K POWERselect IP65  
1200mm through-wired**



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- A radar or PIR sensor can be screwed in from the outside at any time via an integrated sensor interface.
- The optional sensors can be conveniently set from the ground by remote control.
- Installation is quick and tool-free using Twistlock connection caps with 3-pole through-wiring and quick-connect terminals.
- The power can be adjusted via POWERselect (22W or 30W).
- A highly efficient LED board ensures a luminaire efficiency of up to 171lm/W.
- The LED board can be easily removed for maintenance or replacement.
- The housing is made entirely of shatterproof, UV-stable polycarbonate with high impact resistance (IK08).
- The mounting brackets can be freely positioned on the luminaire so that existing fixing points can continue to be used.
- The mounting accessories for ceiling, wall or suspended mounting are included in the scope of delivery.
- The extra wide beam angle of 150° ensures uniform light distribution.
- 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)

**PRODUCT GROUP** EC002892\_Decken-/Wandleuchte

<b>WEIGHT IN KG</b>	0.68	<b>BEAM ANGLE</b>	150
<b>LUMEN PER WATT</b>	160	<b>PROTECTION CLASS (IP)</b>	IP65
<b>POWER CONSUMPTION IN WATTS</b>	22 / 30	<b>LIGHT COLOR</b>	white
<b>NET LUMINOUS FLUX IN LUMENS</b>	3520 / 4800	<b>INPUT VOLTAGE</b>	220 - 240 AC
		<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>	0
		<b>IK PROTECTION</b>	IK08
		<b>LUMEN PER WATT</b>	160
		<b>PROTECTION CLASS</b>	I
		<b>VOLTAGE TYPE</b>	AC
		<b>SUITED FOR EMERGENCY LIGHTING</b>	No
		<b>FOOD-READY</b>	Yes
		<b>WARRANTY IN YEARS</b>	5
		<b>L80/B10</b>	50000
		<b>RATED CURRENT</b>	0.14
		<b>SIMILAR TO RAL-COLOUR</b>	7035

**Dimensions**

**height:** 57mm  
**length:** 1200mm  
**width:** 61mm

SUITABLE FOR SURFACE MOUNTING	No
SUITABLE FOR MOUNTING	No
ASSORTMENT	Proline
ENERGY EFFICIENCY CLASS ACCORDING TO EU REGULATION 2019/2015	not required
LIFETIME L80/B10 AT 25°C	50000
LED-LIFETIME LIGHT SOURCE L70/B50 AT 25°C	100000
WITH ILLUMINANT	Yes
SUITABLE FOR WALL MOUNTING	No
SUITABLE FOR SUSPENDED MOUNTING	Yes
SUITABLE FOR CEILING MOUNTING	Yes
SUITABLE FOR LIGHT LINE CONFIGURATION	Yes
SUITABLE FOR WORKPLACE ACCORDING TO EN 12464-1	No
LAMP HOLDER	-
MATERIAL COVER	Plastic matt/satinized
TYPE OF CONTROL GEAR	LED operating device current- controlled
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	Yes
DIMMING MAINS VOLTAGE MODULATION	No
DIMMING PHASE CUT-OFF	No
DIMMING PROGRAMMABLE	Yes
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	IK08
LUMINAIRE WITH LIMITED SURFACE TEMPERATURE, SIGN "D" ACCORDING TO EN 60598-2-24	Yes
SUITABLE FOR EMERGENCY LIGHTING	No
WITH MOVEMENT SENSOR	No
WITH LIGHT SENSOR	No
COVERING OF THE LUMINAIRE WITH THERMALLY INSULATING MATERIAL POSSIBLE	No
WITH AIR SLOTS	Yes
FILAMENT TEST ACCORDING TO IEC 60695-2-11	850 °C - 30 s
CONNECTION TYPE	Screwed terminal

<b>PHOTOBIOLOGICAL SAFETY ACCORDING TO EN 62471</b>	RG0
<b>LUMINOUS FLUX ADJUSTABLE</b>	Positions
<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>IFTTT SUPPORT AVAILABLE</b>	No
<b>EXCHANGEABLE CONTROL GEAR</b>	No
<b>SUITABLE FOR LAMP POWER IN W</b>	30
<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>	B
<b>ELDAS-NR.</b>	941004669
Dimension Length in mm	
<b>DIAMETER IN MM</b>	0
<b>MAX. SYSTEM POWER IN W</b>	30
<b>RATED AMBIENT TEMPERATURE ACCORDING TO IEC62722-2-1 IN °C</b>	-20-40
<b>ABMESSUNGEN BREITE MM</b>	61
<b>ABMESSUNGEN HÖHE MM</b>	57
<b>NOMINAL VOLTAGE IN V</b>	230
<b>MAX. NUMBER OF LIGHTS PER MINIATURE CIRCUIT BREAKER B16</b>	38
<b>MAX. NUMBER OF LIGHTS PER CIRCUIT BREAKER C16</b>	62
<b>COLOUR OF LIGHT ADJUSTABLE</b>	No
<b>BEAM ANGLE ADJUSTABLE</b>	No
<b>LIGHT SHARING</b>	Symmetric
<b>LIGHT OUTLET</b>	Direct/indirect
<b>TYPE OF GRID</b>	None
<b>HOUSING COLOUR</b>	silver
<b>SURFACE PROTECTION HOUSING</b>	Other
<b>LIGHT DISTRIBUTOR</b>	None
<b>BEAM ANGLE</b>	Extreme wide beam >80°
<b>DEGREE OF PROTECTION (NEMA)</b>	Other