

PRODUCT NO. 5433-240150

DOTLUX LED moisture-proof luminaire MISTRALsmart 23/29/34/39W 4000K POWERselect IP65 1200mm through-wired



to the product page

- Improved illumination even in low rooms thanks to increased indirect light component
- An integrated sensor interface allows a radar/PIR sensor to be screwed into the luminaire from the outside at any time
- The optional sensors can be conveniently adjusted from the floor using a remote control
- Quick installation thanks to Twistlock connection caps with factory-fitted, 3-pole through-wiring with quick-connect terminals
- Adjustable power through POWERselect
- Highly efficient LED board enables a luminaire efficiency of 170lm/W
- Shatterproof housing made entirely of UV-stable polycarbonate with high impact resistance IK08
- Mounting brackets can be freely positioned on the luminaire - existing fixing points on the ceiling and wall can still be used
- Mounting accessories supplied (ceiling/wall or suspended 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. This means it can also be used in areas certified in accordance with the International Featured Standard (IFS) or British Retail Consortium (BRC).
- 23W 3900Lm
- 29W 4700Lm
- 34W 5600Lm
- 39W 6700Lm

PRODUCT GROUP EC002892_Decken-/Wandleuchte

PREDECESSOR ARTICLE 5433-140150

WEIGHT IN KG 0.98

POWER CONSUMPTION IN WATTS 23/29/34/39

LUMEN PER WATT 164

NET LUMINOUS FLUX IN LUMENS 3700/4500/5300/6400

BEAM ANGLE 130

PROTECTION CLASS (IP) IP65

LIGHT COLOR white

INPUT VOLTAGE 220 - 240 AC

SERVICE LIFE approx. 50.000 h at 25°C

COLOR TEMPERATURE IN KELVIN 4000

COLOR-RENDERING-INDEX CRI > 82

POWER FACTOR 0,9

INRUSH CURRENT IN A 0,23

LUMEN PER WATT 164

PROTECTION CLASS I

VOLTAGE TYPE AC

HOUSING COLOUR gray

SUITED FOR EMERGENCY LIGHTING No

SWITCH CYCLES > 100.000

Dimensions

length: 1200mm

width: 62mm

height: 59mm

FOOD-READY	Yes
INSTALLATION OPENING WIDTH IN MM	0
INSTALLATION OPENING LENGHT IN MM	0
WARRANTY IN YEARS	5
L80/B10	50000
SIMILAR TO RAL-COLOUR	7035
SUITABLE FOR SURFACE MOUNTING	Yes
SUITABLE FOR MOUNTING	No
ENABLED LICENSED PRODUCT	Yes
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	Yes
SUITABLE FOR SUSPENDED MOUNTING	Yes
SUITABLE FOR CEILING MOUNTING	Yes
SUITABLE FOR LIGHT LINE CONFIGURATION	No
SUITABLE FOR WORKPLACE ACCORDING TO EN 12464-1	No
Suitable for number of light sources	-
LAMP HOLDER	-
MATERIAL COVER	Plastic matt/satinized
TYPE OF CONTROL GEAR	LED operating device voltage-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	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	Yes
NO DIM FUNCTION	Yes
COLOUR CONSISTENCY (MCADAM ELLIPSE)	SDCM3
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	No
FILAMENT TEST ACCORDING TO IEC 60695-2-11	850 °C - 30 s
CONSTANT LIGHT OUTPUT (CLO)	No
TYPE OF WIRING	Through wiring included
CONNECTION TYPE	Screwed terminal
PHOTOBIOLOGICAL SAFETY ACCORDING TO EN 62471	RG0
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
IFTTT SUPPORT AVAILABLE	No
EXCHANGEABLE CONTROL GEAR	No
SUITABLE FOR LAMP POWER IN W	39
LAMP TYPE	LED exchangeable
EMERGENCY POWER SUPPLY INTEGRATED	No
DIMMING DALI-2	No
DIMMING PHASE CUT-ON	No
DIMMING GPRS	No
LIFETIME L70/B50 AT 25°C	100000
LIFETIME L90/B10 AT 25°C	25000
PULSE DURATION IN µS	0
BEG FUNDING	only relevant in Germany
ENERGY EFFICIENCY CLASS OF THE LIGHT SOURCE OF A LUMINAIRE	B
ELDAS-NR.	941027009
DIAMETER IN MM	0
MAX. SYSTEM POWER IN W	39
RATED AMBIENT TEMPERATURE ACCORDING TO IEC62722-2-1 IN °C	-20-40
ABMESSUNGEN BREITE MM	62
ABMESSUNGEN HÖHE MM	59
INSTALLATION HEIGHT/DEPTH IN MM	0
NOMINAL VOLTAGE IN V	230
MAX. NUMBER OF LIGHTS PER MINIATURE CIRCUIT BREAKER B16	28
MAX. NUMBER OF LIGHTS PER CIRCUIT BREAKER C16	39
LIGHT OUTLET	Direct
COLOUR OF LIGHT ADJUSTABLE	No
BEAM ANGLE ADJUSTABLE	No
LIGHT SHARING	Symmetric
TYPE OF GRID	None
SURFACE PROTECTION HOUSING	Other
LIGHT DISTRIBUTOR	None
BEAM ANGLE	Extreme wide beam >80°
DEGREE OF PROTECTION (NEMA)	Other