PRODUCT NO. 3642-050120F

DOTLUX LIGHTSHOWERevo-satin 110W 5000K LED Indoor Floodlight, Frosted Cover, Dimmable, DALI, Made in Germany

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- The LEDs' rated current is only 38% of the maximum current, resulting in extremely high efficiency and an above-average service life of >100,000 hours
- The pressure-equalizing valve extends the service life of the seals and prevents condensation from forming inside the luminaire
- Glare control: UGR typically <25
- 3-step MacAdam binning guarantees a consistent color temperature
- Aluminum core circuit board for perfect thermal management
- High-quality Meanwell® industrial power supply with 6 kV surge protection
- DALI dimmable
- Intelligent, maintenance-friendly product design
- Suitable for central battery systems
- Glare-reduced thanks to satin-finished 4 mm "Ultra Clear" tempered safety glass
- The “D” mark on this luminaire, indicating a limited surface temperature, is a basic requirement for luminaires in fire-hazardous locations (DIN EN 60598-2-24, VDE 0711-2-24)
- Sustainable product design thanks to easily replaceable components
- Special selection of LEDs to match the color temperature of the LIGHTSHOWER series

PRODUCT GROUP	EC001716_Hallen-Reflektorleuchte
WEIGHT IN KG	5.95
POWER CONSUMPTION IN WATTS	110
NET LUMINOUS FLUX IN LUMENS	17800
LUMEN PER WATT	162

Dimensions

length: 380mm
width: 380mm
height: 120mm
diameter: 380mm

BEAM ANGLE IN °	120
PROTECTION CLASS (IP)	IP67
LIGHT COLOR	white
SERVICE LIFE	approx. 80.000 h at 60°C
COLOR TEMPERATURE IN KELVIN	5000
COLOR-RENDERING-INDEX	CRI > 85
INRUSH CURRENT IN A	0
LUMEN PER WATT	162
PROTECTION CLASS	I
VOLTAGE TYPE	AC/DC
SWITCH CYCLES	> 160.000
TYPE OF CONNECTION	sonstige Offene Kabelenden
INPUT VOLTAGE SPAN	100-305 V AC / 142-431 V DC
WARRANTY IN YEARS	7
L80/B10	80000
SUITABLE FOR SURFACE MOUNTING	Yes
SUITABLE FOR MOUNTING	No
DIMMING WITHOUT DIMMER	No
ENABLED LICENSED PRODUCT	Yes
INPUT VOLTAGE RANGE LUMINAIRE	100-305 V AC / 142-431 V DC
ASSORTMENT	Highline

ENERGY EFFICIENCY CLASS ACCORDING TO EU REGULATION 2019/2015	not required
LIFETIME L80/B10 AT 25°C	80000
WITH ILLUMINANT	Yes
SUITABLE FOR WALL MOUNTING	No
SUITABLE FOR SUSPENDED MOUNTING	Yes
SUITABLE FOR CEILING MOUNTING	Yes
SUITABLE FOR WORKPLACE ACCORDING TO EN 12464-1	No
SUITABLE FOR NUMBER OF LIGHT SOURCES	1
LAMP HOLDER	-
MATERIAL COVER	Glas, opal
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	Yes
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	No
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	Yes
WITH MOVEMENT SENSOR	No
WITH LIGHT SENSOR	No
COVERING OF THE LUMINAIRE WITH THERMALLY INSULATING MATERIAL POSSIBLE	No
COMPATIBLE WITH CASAMBI	No
COMPATIBLE WITH APPLE HOMEKIT	No
COMPATIBLE WITH GOOGLE ASSISTANT	No
COMPATIBLE WITH AMAZON ALEXA	No
IFTTT SUPPORT AVAILABLE	No
SUITABLE FOR LOW VOLTAGE CABLE SYSTEM	Yes
SUITABLE FOR CLAMP-MOUNTING	No

SUITABLE FOR LIGHT-TRACK MOUNTING	No
SUITABLE FOR PEDESTAL/FLOOR MOUNTING	No
SUITABLE FOR TRAVERSE MOUNTING	No
EXCHANGEABLE CONTROL GEAR	Yes
SUITABLE FOR LAMP POWER IN W	110
LAMP TYPE	LED exchangeable
EMERGENCY POWER SUPPLY INTEGRATED	No
SURFACE BRUSHED	No
DIMMING DALI-2	No
DIMMING PHASE CUT-ON	No
DIMMING GPRS	No
LIFETIME L90/B10 AT 25°C	40000
PULSE DURATION IN µS	0
ENERGY EFFICIENCY CLASS OF THE LIGHT SOURCE OF A LUMINAIRE	B
ELDAS-NR.	941500539
DIAMETER IN MM	380
MAX. SYSTEM POWER IN W	110
LUMINOUS FLUX IN LM	17800
RATED AMBIENT TEMPERATURE ACCORDING TO IEC62722-2-1 IN °C	-40-60
ABMESSUNGEN BREITE MM	380
ABMESSUNGEN HöHE MM	120
NOMINAL VOLTAGE IN V	230
RATED SERVICE LIFE L70/B50 AT 25 °C IN H	160000
LUMINAIRE LUMINOUS EFFICACY IN LM/W	162
LUMINOUS INTENSITY IN CD	5665,92
COLOR RENDERING INDEX CRI	80-89
POWER FACTOR	0,98
FLICKER VALUE PST LM	0,79
STROBOSCOPIC EFFECT VALUE SVM	0,01
CONDUCTOR CROSS-SECTION IN MM²	1
MAX. NUMBER OF LIGHTS PER MINIATURE CIRCUIT BREAKER B16	3
MAX. NUMBER OF LIGHTS PER CIRCUIT BREAKER C16	5
RATED LUMINOUS FLUX ACCORDING TO IEC 62722-2-1 IN LM	17800
OUTSIDE DIAMETER IN MM	380
CONNECTABLE CONDUCTOR CROSS-SECTION IN MM²	2
POWER CONSUMPTION IN W	110
REFLECTOR	ohne
EINGANGSSPANNUNG	176 - 240 AC/DC
AUSSTRAHLUNGSWINKEL	> 80° - extrem breitstrahlend
RUND / ECKIG	Rund
LIGHT OUTLET	Direct
TYPE OF WIRING	Suitable for through wiring
COLOUR OF LIGHT ADJUSTABLE	No
LUMINOUS FLUX ADJUSTABLE	No
BEAM ANGLE ADJUSTABLE	No
ADJUSTABILITY	Rotatable
LIGHT SHARING	Symmetric
SURFACE PROTECTION	Powder coating

HOUSING COLOUR	silver
LIGHT DISTRIBUTOR	None