

PRODUCT NO. 4864-150015

DOTLUX LED floodlight LENSplus 50W 5000K 15° beam angle



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- Large variety of different beam angles enables optimum illumination for every situation
- Reliable operation thanks to highly efficient Lumileds® LEDs with 3-step MacAdam binning
- Solid, waterproof, ADC12 die-cast aluminum housing with pressure equalization valve (IP 66/IK08) and high-quality powder coating from Akzo Nobel
- ESG glass \"ULTRA CLEAR\" highly transparent glass for excellent light color and improved light output
- Durable industrial power supply units with 10kV overvoltage protection
- Curved mounting bracket enables easy installation without having to dismantle the bracket (freely rotatable 320°)
- Simple installation thanks to cable connector
- Replaceable components therefore repairable
- Sustainable product design thanks to easily replaceable components

PRODUCT GROUP	EC001744_Downlight/Strahler/Flutlicht		
SUCCESSION ARTICLE	-	BEAM ANGLE	15
PREDECESSOR ARTICLE	4864-050015	PROTECTION CLASS (IP)	IP66
		LIGHT COLOR	white
WEIGHT IN KG	2.1	INPUT VOLTAGE	100 - 240 AC
POWER CONSUMPTION IN WATTS	50	SERVICE LIFE	approx. 50.000 h at 25°C
NET LUMINOUS FLUX IN LUMENS	7220	COLOR TEMPERATURE IN KELVIN	5000
LUMEN PER WATT	144	COLOR-RENDERING-INDEX	CRI > 82
		POWER FACTOR	0,98
Dimensions		INRUSH CURRENT IN A	0
length: 322mm		IK PROTECTION	IK08
width: 240mm		LUMEN PER WATT	144
height: 72mm		PROTECTION CLASS	I
		VOLTAGE TYPE	AC
		HOUSING COLOUR	black
		SUITED FOR EMERGENCY LIGHTING	No
		SWITCH CYCLES	> 100.000
		OVERVOLTAGE PROTECTION	up to 6000 V
		WARRANTY IN YEARS	7
		L80/B10	50000
		SUITABLE FOR SURFACE MOUNTING	Yes
		SUITABLE FOR MOUNTING	No
		DIMMING WITHOUT DIMMER	No
		ENABLED LICENSED PRODUCT	Yes
		ASSORTMENT	Highline

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	No
SUITABLE FOR CEILING MOUNTING	Yes
SUITABLE FOR WORKPLACE ACCORDING TO EN 12464-1	No
LAMP HOLDER	-
MATERIAL COVER	Glass transparent
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	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	No
NO DIM FUNCTION	No
LIGHT DISTRIBUTOR	Focal lens
COLOUR CONSISTENCY (MCADAM ELLIPSE)	SDCM5
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
CONSTANT LIGHT OUTPUT (CLO)	No
TYPE OF WIRING	Ending
OPERATION BY BLUETOOTH	No
COMPATIBLE WITH CASAMBI	No
COMPATIBLE WITH APPLE HOMEKIT	No
COMPATIBLE WITH GOOGLE ASSISTANT	No
COMPATIBLE WITH AMAZON ALEXA	No

SUITABLE FOR LOW VOLTAGE CABLE SYSTEM	No
SUITABLE FOR CLAMP-MOUNTING	Yes
SUITABLE FOR LIGHT-TRACK MOUNTING	No
SUITABLE FOR PEDESTAL/FLOOR MOUNTING	Yes
SUITABLE FOR TRAVERSE MOUNTING	Yes
EXCHANGEABLE CONTROL GEAR	No
LAMP TYPE	LED not exchangeable
EMERGENCY POWER SUPPLY INTEGRATED	No
SURFACE BRUSHED	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	D
ELDAS-NR.	941510279
Dimension Length in mm	
DIAMETER IN MM	0
MAX. SYSTEM POWER IN W	50
LUMINOUS FLUX IN LM	6100
RATED AMBIENT TEMPERATURE ACCORDING TO IEC62722-2-1 IN °C	-30-50
ABMESSUNGEN BREITE MM	240
ABMESSUNGEN HÖHE MM	72
NOMINAL VOLTAGE IN V	230
MAX. NUMBER OF LIGHTS PER MINIATURE CIRCUIT BREAKER B16	6
MAX. NUMBER OF LIGHTS PER CIRCUIT BREAKER C16	8
LIGHT OUTLET	Direct
COLOUR OF LIGHT ADJUSTABLE	No
LUMINOUS FLUX ADJUSTABLE	No
BEAM ANGLE ADJUSTABLE	No
LIGHT SHARING	Symmetric
ADJUSTABILITY	Swivelling
BEAM ANGLE	Narrow beam 11 - 20°
SURFACE PROTECTION	Powder coating
CONNECTION TYPE	Other