DOTLUX
LICHT IN BESTER QUALITÄT

PRODUCT NO. 4909-150090

DOTLUX LENSplus 300W LED Floodlight, 5000K, 90° Beam Angle

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- A wide variety of beam angles ensures optimal 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
- "ULTRA CLEAR" ESG glass—highly transparent glass for excellent light color and improved light output
- Durable industrial power supplies with 10 kV surge protection
- Curved mounting bracket enables extremely easy installation without having to remove the bracket (freely rotatable 320°)
- Extremely easy installation thanks to the cable connector
- Sustainable product design with easily replaceable components

PRODUCT GROUP	EC001744_Downlight/Strahler/Flutlicht
PREDECESSOR ARTICLE	4909-050090
WEIGHT IN KG	7.9
POWER CONSUMPTION IN WATTS	300
NET LUMINOUS FLUX IN LUMENS	43500
LUMEN PER WATT	145

Dimensions

length: 499mm
width: 410mm
height: 83mm

PROTECTION CLASS (IP)	IP66
LIGHT COLOR	white
SERVICE LIFE	approx. 50.000 h at 25°C
COLOR TEMPERATURE IN KELVIN	5000
COLOR-RENDERING-INDEX	CRI > 82
INRUSH CURRENT IN A	0
LUMEN PER WATT	145
VOLTAGE TYPE	AC/DC
HOUSING COLOUR	black
SWITCH CYCLES	> 100.000
OVERVOLTAGE PROTECTION	up to 12000 V
TYPE OF CONNECTION	sonstige
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
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
SUITABLE FOR NUMBER OF LIGHT SOURCES	1
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	Yes
LIGHT DISTRIBUTOR	Focal lens
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
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
IFTTT SUPPORT AVAILABLE	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	Yes
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	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.	941502299
DIAMETER IN MM	0
MAX. SYSTEM POWER IN W	300
LUMINOUS FLUX IN LM	41300
RATED AMBIENT TEMPERATURE ACCORDING TO IEC62722-2-1 IN °C	-30-50
ABMESSUNGEN BREITE MM	410
ABMESSUNGEN HöHE MM	83
NOMINAL VOLTAGE IN V	230
RATED SERVICE LIFE L70/B50 AT 25 °C IN H	100000
LUMINAIRE LUMINOUS EFFICACY IN LM/W	138
LUMINOUS INTENSITY IN CD	23637,42
COLOR RENDERING INDEX CRI	80-89
POWER FACTOR	0,98
MAX. NUMBER OF LIGHTS PER MINIATURE CIRCUIT BREAKER B16	6
MAX. NUMBER OF LIGHTS PER CIRCUIT BREAKER C16	8
RATED LUMINOUS FLUX ACCORDING TO IEC 62722-2-1 IN LM	43500
PROTECTION CLASS ACCORDING TO IEC 61140	I
POWER CONSUMPTION IN W	0
EINGANGSSPANNUNG	176 - 240 AC/DC
ABSTRAHLWINKEL	90
AUSSTRAHLUNGSWINKEL	extrem breitstrahlend >80°
RUND / ECKIG	Eckig
LIGHT OUTLET	Direct
COLOUR OF LIGHT ADJUSTABLE	No
LUMINOUS FLUX ADJUSTABLE	No
BEAM ANGLE ADJUSTABLE	No
LIGHT SHARING	Symmetric
ADJUSTABILITY	Swivelling
SURFACE PROTECTION	Powder coating