

PRODUCT NO. 4870-050100

**DOTLUX LED floodlight HLFplus 400W 5000K 1-10V dimmable 100°x38° beam angle**



to the product page

The compact high-power floodlight HLFplus is ideal for sports and soccer fields, large parking lots, construction site and crane lights, and much more.

- Extremely flexible application possibilities due to different beam angles (10°, 15°, 30°, 45°, 60°, 100°x38°)
- Excellent light distribution with minimum ULR values and low light scattering losses due to asymmetrical beam angle 100°x38°.
- Safe operation outdoors thanks to powder-coated housing with high IP protection (IP66) and real glass cover
- Very high operational safety thanks to integrated Multi Driver Technology: each spotlight has several independent power supplies with integrated overvoltage protection 10KV and 7 years DOTLUX warranty with an above average lifetime: L80>80.000h
- Adjustable brackets for hanging, standing and wall mounting included
- Dimming function available on request (FUNK/ZIGBEE/DMX/DALI)
- This luminaire is flicker-free and therefore also suitable for high-definition (HD) TV recordings
- Sustainable product design due to easily replaceable components
- Other light colors can be ordered from 1pc onwards

<b>SUCCESSION ARTICLE</b>	-	<b>BEAM ANGLE</b>	100x38
<b>PREDECESSOR ARTICLE</b>	4239-090135	<b>PROTECTION CLASS (IP)</b>	IP66
<b>WEIGHT IN KG</b>	10.79	<b>LIGHT COLOR</b>	white
<b>POWER CONSUMPTION IN WATTS</b>	400	<b>INPUT VOLTAGE</b>	176 - 240 V AC/DC
<b>NET LUMINOUS FLUX IN LUMENS</b>	52000	<b>SERVICE LIFE</b>	approx. 80.000 h at 25°C
<b>LUMEN PER WATT</b>	130	<b>COLOR TEMPERATURE IN KELVIN</b>	5000
		<b>COLOR-RENDERING-INDEX</b>	CRI > 82
		<b>POWER FACTOR</b>	0,92
		<b>INRUSH CURRENT IN A</b>	0
		<b>IK PROTECTION</b>	IK08
<b>Dimensions</b>		<b>LUMEN PER WATT</b>	130
<b>length:</b> 440mm		<b>PROTECTION CLASS</b>	I
<b>width:</b> 335mm		<b>VOLTAGE TYPE</b>	AC/DC
<b>height:</b> 159mm		<b>HOUSING COLOUR</b>	gray
		<b>SUITED FOR EMERGENCY LIGHTING</b>	yes
		<b>SWITCH CYCLES</b>	> 160.000
		<b>OVERVOLTAGE PROTECTION</b>	up to 10000 V
		<b>WARRANTY IN YEARS</b>	7
		<b>L80/B10</b>	80000
		<b>SUITABLE FOR SURFACE MOUNTING</b>	No
		<b>SUITABLE FOR MOUNTING</b>	No
		<b>DIMMING WITHOUT DIMMER</b>	No
		<b>ENERGY EFFICIENCY CLASS ACCORDING TO EU REGULATION 2019/2015</b>	not required

LIFETIME L80/B10 AT 25°C	80000
LED-LIFETIME LIGHT SOURCE L70/B50 AT 25°C	160000
ETIM GRUPPEN-ID	EC001744
WITH ILLUMINANT	Yes
SUITABLE FOR WALL MOUNTING	Yes
SUITABLE FOR SUSPENDED MOUNTING	No
SUITABLE FOR CEILING MOUNTING	No
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	Yes
DIMMING 1-10 V	Yes
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	Reflector
COLOUR CONSISTENCY (MCADAM ELLIPSE)	SDCM6
IMPACT STRENGTH	IK08
LUMINAIRE WITH LIMITED SURFACE TEMPERATURE, SIGN "D" ACCORDING TO EN 60598-2-24	No
SUITABLE FOR EMERGENCY LIGHTING	Yes
WITH MOVEMENT SENSOR	No
WITH LIGHT SENSOR	No
COVERING OF THE LUMINAIRE WITH THERMALLY INSULATING MATERIAL POSSIBLE	No
FILAMENT TEST ACCORDING TO IEC 60695-2-11	-
CONSTANT LIGHT OUTPUT (CLO)	No
CONNECTION TYPE	Screwed terminal
OPERATION BY BLUETOOTH	No
COMPATIBLE WITH CASAMBI	Yes
COMPATIBLE WITH APPLE HOMEKIT	No
COMPATIBLE WITH GOOGLE ASSISTANT	No
COMPATIBLE WITH AMAZON ALEXA	No

<b>IFTTT SUPPORT AVAILABLE</b>	No
<b>REFLECTOR</b>	-
<b>SUITABLE FOR LOW VOLTAGE CABLE SYSTEM</b>	No
<b>SUITABLE FOR CLAMP-MOUNTING</b>	No
<b>SUITABLE FOR LIGHT-TRACK MOUNTING</b>	No
<b>SUITABLE FOR PEDESTAL/FLOOR MOUNTING</b>	Yes
<b>SUITABLE FOR TRAVERSE MOUNTING</b>	Yes
<b>EXCHANGEABLE CONTROL GEAR</b>	Yes
<b>LAMP TYPE</b>	LED not exchangeable
<b>EMERGENCY POWER SUPPLY INTEGRATED</b>	No
<b>SURFACE BRUSHED</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>	160000
<b>LIFETIME L90/B10 AT 25°C</b>	40000
<b>PULSE DURATION IN µS</b>	0
<b>BEG FUNDING</b>	only relevant in Germany
<b>ENERGIEEFFIZIENZKLASSE DER LICHTQUELLE EINER LEUCHTE</b>	D
<b>LIGHT SHARING</b>	Asymmetric
<b>LIGHT OUTLET</b>	Direct
<b>COLOUR OF LIGHT ADJUSTABLE</b>	No
<b>LUMINOUS FLUX ADJUSTABLE</b>	No
<b>BEAM ANGLE ADJUSTABLE</b>	No
<b>ADJUSTABILITY</b>	Rotatable
<b>SURFACE PROTECTION</b>	Powder coating
<b>BEAM ANGLE</b>	Extreme wide beam >80°