

PRODUCT NO. 4870-050045

DOTLUX LED floodlight HLFplus 400W 5000K 1-10V dimmable 45° 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
- 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

SUCCESSION ARTICLE	-	BEAM ANGLE	45
WEIGHT IN KG	9.9	PROTECTION CLASS (IP)	IP66
POWER CONSUMPTION IN WATTS	400	LIGHT COLOR	white
NET LUMINOUS FLUX IN LUMENS	54000	INPUT VOLTAGE	176 - 240 V AC/DC
LUMEN PER WATT	135	SERVICE LIFE	approx. 80.000 h at 25°C
		COLOR TEMPERATURE IN KELVIN	5000
		COLOR-RENDERING-INDEX	CRI > 82
		POWER FACTOR	0,92
		INRUSH CURRENT IN A	0
Dimensions		IK PROTECTION	IK08
length: 440mm		LUMEN PER WATT	135
width: 335mm		VOLTAGE TYPE	AC/DC
height: 159mm		HOUSING COLOUR	gray
		SUITED FOR EMERGENCY LIGHTING	yes
		SWITCH CYCLES	> 100.000
		OVERVOLTAGE PROTECTION	up to 10000 V
		WARRANTY IN YEARS	7
		L80/B10	60000
		SUITABLE FOR SURFACE MOUNTING	No
		SUITABLE FOR MOUNTING	No
		DIMMING WITHOUT DIMMER	No
		ENERGY EFFICIENCY CLASS ACCORDING TO EU REGULATION 2019/2015	not required
		LIFETIME L80/B10 AT 25°C	60000

LED-LIFETIME LIGHT SOURCE L70/B50 AT 25°C	119000
ETIM GROUP IDENTIFICATION NUMBER	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	-
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
IFTTT SUPPORT AVAILABLE	No
SUITABLE FOR LOW VOLTAGE CABLE SYSTEM	No

SUITABLE FOR CLAMP-MOUNTING	No
SUITABLE FOR LIGHT-TRACK MOUNTING	No
SUITABLE FOR PEDESTAL/FLOOR MOUNTING	Yes
SUITABLE FOR TRAVERSE MOUNTING	Yes
EXCHANGEABLE CONTROL GEAR	Yes
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	119000
LIFETIME L90/B10 AT 25°C	29750
PULSE DURATION IN µS	0
LIFETIME L90/B50 AT 25°C	0
BEG FUNDING	only relevant in Germany
ENERGY EFFICIENCY CLASS OF THE LIGHT SOURCE OF A LUMINAIRE	D
LIGHT OUTLET	Direct
COLOUR OF LIGHT ADJUSTABLE	No
LUMINOUS FLUX ADJUSTABLE	No
BEAM ANGLE ADJUSTABLE	No
ADJUSTABILITY	Rotatable
LIGHT SHARING	Symmetric
BEAM ANGLE	Wide beam 41-80°