

PRODUCT NO. 4872-150010

DOTLUX LED floodlight HLFplus 800W 5000K 1-10V dimmable 10° beam angle



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

- Extremely flexible application options thanks to various beam angles (10°, 15°, 30°, 45°, 60°, 100°x38°)
- Excellent light distribution with minimal ULR values and low light scattering losses thanks to asymmetrical 100°x38° beam angle
- Safe operation outdoors thanks to powder-coated housing with high IP protection (IP66) and real glass cover
- Very high operational reliability thanks to integrated Multi Driver Technology: each spotlight has several independent power supplies with integrated 10KV overvoltage protection and a 7-year DOTLUX guarantee with an above-average service life: L80>80,000h
- Adjustable brackets for suspended, upright and wall mounting included
- Available with dimming function on request (FUNK/ZIGBEE/DMX/DALI)
- This luminaire is flicker-free and therefore also suitable for high-definition television recordings (HD)
- Sustainable product design thanks to easily replaceable components
- Other light colors can be ordered from 1pc
- No mounting accessories included

SUCCESSION ARTICLE	-
PREDECESSOR ARTICLE	4872-050010
WEIGHT IN KG	22
LUMEN PER WATT	117
POWER CONSUMPTION IN WATTS	800
NET LUMINOUS FLUX IN LUMENS	94000

BEAM ANGLE	10
PROTECTION CLASS (IP)	IP66
LIGHT COLOR	white
INPUT VOLTAGE	176 - 240 V AC/DC
SERVICE LIFE	approx. 80.000 h at 25°C
COLOR TEMPERATURE IN KELVIN	5000
COLOR-RENDERING-INDEX	CRI > 82
POWER FACTOR	0,97
INRUSH CURRENT IN A	0
IK PROTECTION	IK08
LUMEN PER WATT	117
PROTECTION CLASS	I
VOLTAGE TYPE	AC/DC
HOUSING COLOUR	gray
SUITED FOR EMERGENCY LIGHTING	yes
SWITCH CYCLES	> 160.000
OVERVOLTAGE PROTECTION	up to 10000 V
WARRANTY IN YEARS	7
L80/B10	80000
SUITABLE FOR SURFACE MOUNTING	No
SUITABLE FOR MOUNTING	No
DIMMING WITHOUT DIMMER	No
ASSORTMENT	Proline

Dimensions

height: 270mm
length: 608mm
width: 668mm

ENERGY EFFICIENCY CLASS ACCORDING TO EU REGULATION 2019/2015	not required
LIFETIME L80/B10 AT 25°C	80000
LED-LIFETIME LIGHT SOURCE L70/B50 AT 25°C	160000
ETIM GROUP IDENTIFICATION NUMBER	EC001744
WITH ILLUMINANT	Yes
SUITABLE FOR WALL MOUNTING	Yes
SUITABLE FOR SUSPENDED MOUNTING	No
SUITABLE FOR CEILING MOUNTING	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

IFTTT SUPPORT AVAILABLE	No
REFLECTOR	-
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	160000
LIFETIME L90/B10 AT 25°C	40000
PULSE DURATION IN µS	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	Extreme narrow beam 5-10°
SURFACE PROTECTION	Powder coating