

## PRODUCT NO. 4870-040100

## DOTLUX LED floodlight HLFplus 400W 4000K 1-10V dimmable 100\*38° beam angle







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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

PREDECESSOR ARTICLE         239909135         PROTECTION CLASS (P)         IP66           UGHT COLOR         white         white           UWEIGHT IN KG         10.8         INPUT VOLTAGE         3p07xx.80.000 hat 25'C           LUMEN PER WATT         30         GENVICE LIFE         ap07xx.80.000 hat 25'C           POWER CONSUMPTION IN WATS         400         COLOR TEMPERATURE IN KELVIN         400           NET LUMINOUS FLUX IN LUMENS         52000         COLOR TEMPERATURE IN KELVIN         400           NET LUMINOUS FLUX IN LUMENS         52000         COLOR TEMPERATURE IN KELVIN         400           NET LUMINOUS FLUX IN LUMENS         52000         FROME         RRUSH CURRENT IN A         0           NET LUMINOUS FLUX IN LUMENS         52000         FROME         RRUSH CURRENT IN A         0           NET LUMINOUS FLUX IN LUMENS         52000         FROME         RRUSH CURRENT IN A         0           NET LUMINOUS FLUX IN LUMENS         FROME         FROME         RRUSH CURRENT IN A         0           Immensions         FROME         FROME         FROME         FROME         FROME           Iength: 159mm         FROME         SUTED FOR EMERGENCY LIGHTING         FROME         FROME         FROME         FROME         FROME         FROME	SUCCESSION ARTICLE	-	BEAM ANGLE	100° x 38°
WEIGHT IN KG10.8INPUT VOLTAGE176 - 240 V AC/DCLUMEN PER WATT130SERVICE LIFEapprox.80.00 h at 25'CPOWER CONSUMPTION IN WATTS400COLOR TEMPERATURE IN KELVIN400NET LUMINOUS FLUX IN LUMENS52000COLOR-RENDERING-INDEXCR > 82.POWER FACTOR0.92INRUSH CURRENT IN A0DimensionsIK PROTECTION CLASS0.92INRUSH CURRENT IN APortection CLASSVOLTAGE TYPEAC/DCINRUSH CURRENT IN ANeght: 159mmVOLTAGE TYPEAC/DCINRUSH CURRENT IN ALength: 440mmYUTAGE TYPESUITED FOR EMERGENCY LIGHTINGYUTAGEWidth: 335mmYUT SAN HOUSING COLOURIPO 1000 VIPO 1000 VVILTAGE FROTECTIONYUTAGE TYPESUITED FOR EMERGENCY LIGHTINGYUTAGEVILTAGE FRO SUFFACE MOUNTINYUTAGE TYPESUITED FOR EMERGENCY LIGHTINGYUTAGEVILTAGE FRO SUFFACE MOUNTINGYUTAGEYUTAGEYUTAGEVILTAGE FRO SUFFACE MOUNTINGNOYUTAGEYUTAGEVILTAGE FOR SUFFACE MOUNTINGNO	PREDECESSOR ARTICLE	4239-090135	PROTECTION CLASS (IP)	IP66
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SUITABLE FOR MOUNTING No DIMMING WITHOUT DIMMER No ENERGY EFFICIENCY CLASS ACCORDING TO EU REGULATION not required 2019/2015			L80/B10	80000
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ENERGY EFFICIENCY CLASS ACCORDING TO EU REGULATION not required 2019/2015			SUITABLE FOR MOUNTING	No
ACCORDING TO EU REGULATION not required 2019/2015			DIMMING WITHOUT DIMMER	No
LIFETIME L80/B10 AT 25°C 80000			ACCORDING TO EU REGULATION	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	-
CONSTANT LIGHT OUTPUT (CLO)	No
OPERATION BY BLUETOOTH	No
COMPATIBLE WITH CASAMBI	Yes
COMPATIBLE WITH APPLE HOMEKIT	No
COMPATIBLE WITH GOOGLE	Νο
ASSISTANT	INU
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
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 $\mu$ S	0
LIFETIME L90/B50 AT 25°C	54000
BEG FUNDING	only relevant in Germany
ENERGIEEFFIZIENZKLASSE DER LICHTQUELLE EINER LEUCHTE	D
LIGHT SHARING	Asymmetric
LIGHT OUTLET	Direct
COLOUR OF LIGHT ADJUSTABLE	No
LUMINOUS FLUX ADJUSTABLE	No
BEAM ANGLE ADJUSTABLE	No
ADJUSTABILITY	Rotatable
SURFACE PROTECTION	Powder coating
CONNECTION TYPE	Free conductor end
BEAM ANGLE	Extreme wide beam >80°