

## **PRODUCT NO.** 4872-140100

## DOTLUX LED floodlight HLFplus 800W 4000K 1-10V dimmable 100\*38° beam angle















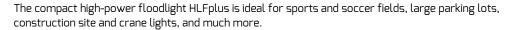








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- Extremely flexible application possibilities due to different beam angles (10°, 15°, 30°, 45°, 60°,100°x38°)
- Excellent light distribution with minimum ULR values and low light scattering losses due to asymmetrical beam angle 100°x38°.
- Safe operation 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

| SUCCESSION ARTICLE          | -      | BEAM ANGLE   |
|-----------------------------|--------|--------------|
|                             |        | PROTECTION   |
| WEIGHT IN KG                | 23.75  | LIGHT COLOR  |
| LUMEN PER WATT              | 130    | INPUT VOLTA  |
| POWER CONSUMPTION IN WATTS  | 800    | SERVICE LIFE |
| NET LUMINOUS FLUX IN LUMENS | 104000 | COLOR TEMP   |
|                             |        | COLOR-REND   |
|                             |        |              |

|--|

height: 180mm length: 490mm width: 668mm PROTECTION CLASS (IP)

LIGHT COLOR

NPUT VOLTAGE

100x38

IP66

white

176 - 240 V AC/DC

SERVICE LIFEapprox. 80.000 h at 25°CCOLOR TEMPERATURE IN KELVIN4000COLOR-RENDERING-INDEXCRI > 82POWER FACTOR0,97INRUSH CURRENT IN A0

IK PROTECTIONIK 08LUMEN PER WATT130PROTECTION CLASSIVOLTAGE TYPEAC/DCHOUSING COLOURgraySUITED FOR EMERGENCY LIGHTINGyesSWITCH CYCLES> 160.000

OVERVOLTAGE PROTECTION

WARRANTY IN YEARS 7
L80/B10 80000
SUITABLE FOR SURFACE MOUNTING No
SUITABLE FOR MOUNTING No
DIMMING WITHOUT DIMMER No
ASSORTMENT Proline

up to 10000 V



**ENERGY EFFICIENCY CLASS ACCORDING TO EU REGULATION** 

2019/2015

not required

LIFETIME L80/B10 AT 25°C

**LED-LIFETIME LIGHT SOURCE L70/B50** AT 25°C

80000 160000

ETIM GROUP IDENTIFICATION NUMBER EC001744

WITH ILLUMINANT SUITABLE FOR WALL MOUNTING

Yes

SUITABLE FOR SUSPENDED MOUNTING No

**SUITABLE FOR CEILING MOUNTING** SUITABLE FOR WORKPLACE

No No

**ACCORDING TO EN 12464-1** LAMP HOLDER

Glass transparent

TYPE OF CONTROL GEAR

**MATERIAL COVER** 

LED operating device current-

controlled

WITH CONTROL GEAR

Yes DIMMING 0-10 V Yes

**DIMMING 1-10 V DIMMING DALI** Nο DIMMING DMX

No No

**DIMMING POTENTIOMETER** (INTEGRATED)

DIMMING DSI

No

DIMMING LINESWITCH **DIMMING MANUFACTURER'S** PROPRIETARY SYSTEM

No No

**DIMMING MAINS VOLTAGE** MODULATION

No

**DIMMING PHASE CUT-OFF** 

No

**DIMMING PROGRAMMABLE** DIMMING RE

No No

No

**DIMMING SINE WAVE REDUCTION DIMMING TOUCH AND DIM** 

DIMMING ZIGBEE

No No No

**DIMMING WITH PUSH-BUTTON** 

DIMMING DEPENDING ON CONTROL No

**GEAR** NO DIM FUNCTION No

LIGHT DISTRIBUTOR Reflector **COLOUR CONSISTENCY (MCADAM** 

ELLIPSE)

SDCM6

IMPACT STRENGTH IKO8 SUITABLE FOR EMERGENCY LIGHTING Yes WITH MOVEMENT SENSOR No WITH LIGHT SENSOR No

COVERING OF THE LUMINAIRE WITH THERMALLY INSULATING MATERIAL

No **POSSIBLE** 

**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** No **ASSISTANT COMPATIBLE WITH AMAZON ALEXA** No



IFTTT SUPPORT AVAILABLE No REFLECTOR SUITABLE FOR LOW VOLTAGE CABLE No **SYSTEM** SUITABLE FOR CLAMP-MOUNTING No SUITABLE FOR LIGHT-TRACK No MOUNTING SUITABLE FOR PEDESTAL/FLOOR Yes MOUNTING SUITABLE FOR TRAVERSE MOUNTING Yes

**LAMP TYPE**LED not exchangeable

Yes

EMERGENCY POWER SUPPLY No **INTEGRATED SURFACE BRUSHED** No **DIMMING DALI-2** No **DIMMING PHASE CUT-ON** No **DIMMING GPRS** Nο LIFETIME L70/B50 AT 25°C 160000 40000 LIFETIME L90/B10 AT 25°C PULSE DURATION IN μS

**BEG FUNDING** only relevant in Germany

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ENERGY EFFICIENCY CLASS OF THE LIGHT SOURCE OF A LUMINAIRE

**EXCHANGEABLE CONTROL GEAR** 

LIGHT SHARINGAsymmetricLIGHT OUTLETDirectCOLOUR OF LIGHT ADJUSTABLENoLUMINOUS FLUX ADJUSTABLENoBEAM ANGLE ADJUSTABLENoADJUSTABLITYRotatable

SURFACE PROTECTION Powder coating

**BEAM ANGLE** Extreme wide beam >80°