**PRODUCT NO.** 4872-150100

# DOTLUX LED floodlight HLFplus 800W 5000K 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 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
- No mounting accessories included

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|---|---|
| **SUCCESSION ARTICLE** | - |
| **PREDECESSOR ARTICLE** | 4872-050100 |
| **WEIGHT IN KG** | 22 |
| **LUMEN PER WATT** | 130 |
| **POWER CONSUMPTION IN WATTS** | 800 |
| **NET LUMINOUS FLUX IN LUMENS** | 104000 |

**Dimensions**

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

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| **BEAM ANGLE** | 100° x 38° |
| **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** | 130 |
| **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 |

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| **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 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 |
| **SUITABLE FOR EMERGENCY LIGHTING** | Yes |
| **WITH MOVEMENT SENSOR** | No |
| **WITH LIGHT SENSOR** | No |
| **FILAMENT TEST ACCORDING TO IEC 60695-2-11** | - |
| **CONSTANT LIGHT OUTPUT (CLO)** | 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 |

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| **SUITABLE FOR LIGHT-TRACK MOUNTING** | No |
| **SUITABLE FOR PEDESTAL/FLOOR MOUNTING** | Yes |
| **SUITABLE FOR TRAVERSE MOUNTING** | 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 µS** | 0 |
| **LIFETIME L90/B50 AT 25°C** | 54000 |
| **BEG FUNDING** | only relevant in Germany |
| **ENERGIEEFFIZIENZKLASSE DER LICHTQUELLE EINER LEUCHTE** | D |
| **LIGHT OUTLET** | Direct |
| **COLOUR OF LIGHT ADJUSTABLE** | No |
| **LUMINOUS FLUX ADJUSTABLE** | No |
| **ADJUSTABILITY** | Rotatable |
| **LIGHT SHARING** | Symmetric |
| **SURFACE PROTECTION** | Powder coating |