

**DOTLUX LED floodlight HLFplus 800W 4000K 1-10V dimmable 100°x38° beam angle**

Order number: 4872-140100

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

Lumen per watt: 130; Power consumption in watts: 800; Net luminous flux in lumens: 104000; 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: 4000; 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; 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; Covering of the luminaire with thermally insulating material possible: No; Filament test according to IEC 60695-2-11: -; Constant light output (CLO): No; 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; 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 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° width: 668mm