DOTLUX
LICHT IN BESTER QUALITÄT

**PRODUCT NO.** 5448-030131

## DOTLUX ization: DeepL-Auth-Key <API key>'. You can find more info in our docs: https://developers.deepl.com/docs/getting-started/au

to the product page

- The compact HLFsport high-performance floodlight is ideal for sports and soccer pitches,
- Optimized, asymmetrical light control enables glare-free match operation and insect protection ULR<0 with a reduced number of floodlights at the same time
- Protection of neighbors from stray light thanks to special lens geometry
- Corrosion-resistant, powder-coated cast aluminum housing with pressure compensation and high IP/IK protection (IP66/IK08)
- Dali dimmable and therefore compatible with our radio receiver Art. 5007-1 ideal for retrofitting existing systems
- with an above-average service life: L80>90,000h
- Very high operational safety with integrated 20kV overvoltage protection
- This light 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
- The floodlight can also be dimmed via DMX. However, this must be specified when ordering.

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|---|---|
| **PRODUCT GROUP** | EC001744_Downlight/Strahler/Flutlicht |
| **SUCCESSION ARTICLE** | - |
| **WEIGHT IN KG** | 32 |
| **POWER CONSUMPTION IN WATTS** | 1600 |
| **NET LUMINOUS FLUX IN LUMENS** | 198715 |
| **LUMEN PER WATT** | 124 |

**Dimensions**

**length:** 756mm
**width:** 538mm
**height:** 913mm

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|---|---|
| **PROTECTION CLASS (IP)** | IP66 |
| **LIGHT COLOR** | white |
| **INPUT VOLTAGE** | 200 - 420 AC |
| **SERVICE LIFE** | approx. ca. 90.000 h at 25° C |
| **COLOR TEMPERATURE IN KELVIN** | 3000 |
| **COLOR-RENDERING-INDEX** | CRI > 70 |
| **POWER FACTOR** | 0,95 |
| **INRUSH CURRENT IN A** | 0 |
| **LUMEN PER WATT** | 124 |
| **PROTECTION CLASS** | I |
| **HOUSING COLOUR** | black |
| **SWITCH CYCLES** | >180,000 |
| **OVERVOLTAGE PROTECTION** | 20000 |
| **INPUT VOLTAGE SPAN** | 200-420 |
| **WARRANTY IN YEARS** | 7 |
| **L80/B10** | 90000 |
| **SUITABLE FOR MOUNTING** | No |
| **INPUT VOLTAGE RANGE LUMINAIRE** | 200-420 |
| **ASSORTMENT** | Proline |
| **ENERGY EFFICIENCY CLASS ACCORDING TO EU REGULATION 2019/2015** | not required |
| **LIFETIME L80/B10 AT 25°C** | 90000 |
| **LED-LIFETIME LIGHT SOURCE L70/B50 AT 25°C** | 180000 |

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|---|---|
| **SUITABLE FOR WORKPLACE ACCORDING TO EN 12464-1** | No |
| **MATERIAL COVER** | Glass transparent |
| **TYPE OF CONTROL GEAR** | LED operating device current-controlled |
| **WITH CONTROL GEAR** | Yes |
| **DIMMING DALI** | Yes |
| **NO DIM FUNCTION** | No |
| **COLOUR CONSISTENCY (MCADAM ELLIPSE)** | SDCM6 |
| **COVERING OF THE LUMINAIRE WITH THERMALLY INSULATING MATERIAL POSSIBLE** | No |
| **TYPE OF WIRING** | Ending |
| **COMPATIBLE WITH APPLE HOMEKIT** | No |
| **COMPATIBLE WITH GOOGLE ASSISTANT** | No |
| **COMPATIBLE WITH AMAZON ALEXA** | No |
| **EXCHANGEABLE CONTROL GEAR** | No |
| **LAMP TYPE** | LED not exchangeable |
| **LIFETIME L70/B50 AT 25°C** | 180000 |
| **LIFETIME L90/B10 AT 25°C** | 45000 |
| **PULSE DURATION IN µS** | 0 |
| **BEG FUNDING** | only relevant in Germany |
| **ENERGY EFFICIENCY CLASS OF THE LIGHT SOURCE OF A LUMINAIRE** | D |
| **ELDAS-NR.** | 941005779 |
| Dimension Length in mm | |
| **DIAMETER IN MM** | 0 |
| **MAX. SYSTEM POWER IN W** | 1600 |
| **ABMESSUNGEN BREITE MM** | 538 |
| **ABMESSUNGEN HöHE MM** | 913 |
| **NOMINAL VOLTAGE IN V** | 400 |
| **MAX. NUMBER OF LIGHTS PER MINIATURE CIRCUIT BREAKER B16** | 2 |
| **MAX. NUMBER OF LIGHTS PER CIRCUIT BREAKER C16** | 2 |
| **COLOUR OF LIGHT ADJUSTABLE** | No |
| **LUMINOUS FLUX ADJUSTABLE** | No |
| **BEAM ANGLE** | Open beam/diffuse |


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