

PRODUCT NO. 4865-030065

**DOTLUX LED floodlight LENSplus 100W 3000K 60°\*120° beam angle**



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Large variety of different beam angles enables optimum illumination for every situation

- Reliable operation thanks to highly efficient Lumileds® LEDs with 3-step MacAdam binning
- Solid, waterproof, ADC12 die-cast aluminum housing with pressure equalization valve (IP 66/IK08) and high-quality powder coating from Akzo Nobel
- ESG glass \"ULTRA CLEAR\" highly transparent glass for excellent light color and improved light output
- Durable industrial power supply units with 10kV overvoltage protection
- Curved mounting bracket enables easy mounting without having to dismantle the bracket (freely rotatable 320°)
- Incl. 1.5m UV-stable rubber cable (H05RN-F open ends)
- Replaceable components, therefore repairable
- Sustainable product design thanks to easily replaceable components

|                                    |  |       |   |  |                          |
|------------------------------------|--|-------|---|--|--------------------------|
| <b>WEIGHT IN KG</b>                |  | 3.4   | <b>BEAM ANGLE</b>   |  | 60° x 120°               |
| <b>LUMEN PER WATT</b>              |  | 126   | <b>PROTECTION CLASS (IP)</b>  |  | IP66                     |
| <b>POWER CONSUMPTION IN WATTS</b>  |  | 100   | <b>LIGHT COLOR</b>  |  | white                    |
| <b>NET LUMINOUS FLUX IN LUMENS</b> |  | 12630 | <b>INPUT VOLTAGE</b>  |  | 176 - 240 V AC/DC        |
|                                    |  |       | <b>SERVICE LIFE</b>   |  | approx. 50.000 h at 25°C |
|                                    |  |       | <b>COLOR TEMPERATURE IN KELVIN</b>  |  | 3000                     |
|                                    |  |       | <b>COLOR-RENDERING-INDEX</b>  |  | CRI > 82                 |
|                                    |  |       | <b>POWER FACTOR</b>   |  | 0,98                     |
|                                    |  |       | <b>INRUSH CURRENT IN A</b>  |  | 0                        |
|                                    |  |       | <b>IK PROTECTION</b>  |  | IK08                     |
|                                    |  |       | <b>LUMEN PER WATT</b>   |  | 126                      |
|                                    |  |       | <b>PROTECTION CLASS</b>   |  | I                        |
|                                    |  |       | <b>VOLTAGE TYPE</b>   |  | AC/DC                    |
|                                    |  |       | <b>HOUSING COLOUR</b>   |  | black                    |
|                                    |  |       | <b>SUITED FOR EMERGENCY LIGHTING</b>  |  | No                       |
|                                    |  |       | <b>SWITCH CYCLES</b>  |  | > 100.000                |
|                                    |  |       | <b>OVERVOLTAGE PROTECTION</b>   |  | up to 10000 V            |
|                                    |  |       | <b>WARRANTY IN YEARS</b>  |  | 7                        |
|                                    |  |       | <b>L80/B10</b>  |  | 50000                    |
|                                    |  |       | <b>SUITABLE FOR SURFACE MOUNTING</b>  |  | Yes                      |
|                                    |  |       | <b>SUITABLE FOR MOUNTING</b>  |  | No                       |
|                                    |  |       | <b>DIMMING WITHOUT DIMMER</b>   |  | No                       |
|                                    |  |       | <b>ASSORTMENT</b>   |  | Highline                 |
|                                    |  |       | <b>ENERGY EFFICIENCY CLASS<br/>ACCORDING TO EU REGULATION<br/>2019/2015</b> |  | not required             |
|                                    |  |       | <b>LIFETIME L80/B10 AT 25°C</b>   |  | 50000                    |

**Dimensions**

**height:** 71mm  
**length:** 335mm  
**width:** 295mm

|   |   |
|---|---|
| LED-LIFETIME LIGHT SOURCE L70/B50 AT 25°C                             | 100000                                  |
| ETIM GRUPPEN-ID   | EC001744                                |
| WITH ILLUMINANT   | Yes                                     |
| SUITABLE FOR WALL MOUNTING  | Yes                                     |
| SUITABLE FOR SUSPENDED MOUNTING                                       | No                                      |
| SUITABLE FOR CEILING MOUNTING   | Yes                                     |
| 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  | No                                      |
| DIMMING 1-10 V  | No                                      |
| 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   | Focal lens                              |
| COLOUR CONSISTENCY (MCADAM ELLIPSE)                                   | SDCM6                                   |
| IMPACT STRENGTH   | IK08                                    |
| SUITABLE FOR EMERGENCY LIGHTING                                       | No                                      |
| WITH MOVEMENT SENSOR  | No                                      |
| WITH LIGHT SENSOR   | No                                      |
| COVERING OF THE LUMINAIRE WITH THERMALLY INSULATING MATERIAL POSSIBLE | No                                      |
| TYPE OF WIRING  | Ending                                  |
| OPERATION BY BLUETOOTH  | No                                      |
| COMPATIBLE WITH CASAMBI   | No                                      |
| COMPATIBLE WITH APPLE HOMEKIT   | No                                      |
| COMPATIBLE WITH GOOGLE ASSISTANT                                      | No                                      |
| COMPATIBLE WITH AMAZON ALEXA  | No                                      |
| IFTTT SUPPORT AVAILABLE   | No                                      |
| SUITABLE FOR LOW VOLTAGE CABLE SYSTEM                                 | No                                      |
| SUITABLE FOR CLAMP-MOUNTING   | Yes                                     |
| SUITABLE FOR LIGHT-TRACK MOUNTING                                     | No                                      |

|   |                          |
|---|--------------------------|
| <b>SUITABLE FOR PEDESTAL/FLOOR MOUNTING</b>                 | Yes                      |
| <b>SUITABLE FOR TRAVERSE MOUNTING</b>                       | Yes                      |
| <b>EXCHANGEABLE CONTROL GEAR</b>                            | No                       |
| <b>LAMP TYPE</b>  | LED                      |
| <b>EMERGENCY POWER SUPPLY INTEGRATED</b>                    | No                       |
| <b>SURFACE BRUSHED</b>                                      | No                       |
| <b>DIMMING DALI-2</b>                                       | No                       |
| <b>DIMMING PHASE CUT-ON</b>                                 | No                       |
| <b>DIMMING GPRS</b>   | No                       |
| <b>LIFETIME L70/B50 AT 25°C</b>                             | 100000                   |
| <b>LIFETIME L90/B10 AT 25°C</b>                             | 25000                    |
| <b>PULSE DURATION IN µS</b>                                 | 0                        |
| <b>LIFETIME L90/B50 AT 25°C</b>                             | 33750                    |
| <b>BEG FUNDING</b>  | only relevant in Germany |
| <b>ENERGIEEFFIZIENZKLASSE DER LICHTQUELLE EINER LEUCHTE</b> | D                        |
| <b>LIGHT SHARING</b>  | Asymmetric               |
| <b>LIGHT OUTLET</b>   | Direct                   |
| <b>COLOUR OF LIGHT ADJUSTABLE</b>                           | No                       |
| <b>LUMINOUS FLUX ADJUSTABLE</b>                             | No                       |
| <b>BEAM ANGLE ADJUSTABLE</b>                                | No                       |
| <b>ADJUSTABILITY</b>  | Swivelling               |
| <b>SURFACE PROTECTION</b>                                   | Powder coating           |
| <b>BEAM ANGLE</b>   | Extreme wide beam >80°   |
| <b>CONNECTION TYPE</b>                                      | Other                    |