

PRODUCT NO. 4865-150090

**DOTLUX LED floodlight LENSplus 100W 5000K 90° beam angle**



to the product page

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 installation without having to dismantle the bracket (freely rotatable 320°)
- Easy installation thanks to cable connector
- Replaceable components therefore repairable
- Sustainable product design thanks to easily replaceable components

|                             |              |
|-----------------------------|--------------|
| SUCCESSION ARTICLE          | -            |
| PREDECESSOR ARTICLE         | 3017-155090K |
| WEIGHT IN KG                | 3.328        |
| POWER CONSUMPTION IN WATTS  | 100          |
| NET LUMINOUS FLUX IN LUMENS | 14960        |
| LUMEN PER WATT              | 149          |

Dimensions

length: 335mm  
width: 287mm  
height: 71mm

|  |                          |
|--|--------------------------|
| BEAM ANGLE   | 90°                      |
| PROTECTION CLASS (IP)  | IP66                     |
| LIGHT COLOR  | white                    |
| INPUT VOLTAGE  | 176 - 240 V AC/DC        |
| SERVICE LIFE   | approx. 50.000 h at 25°C |
| COLOR TEMPERATURE IN KELVIN  | 5000                     |
| COLOR-RENDERING-INDEX  | CRI > 82                 |
| INRUSH CURRENT IN A  | 0                        |
| IK PROTECTION  | IK08                     |
| LUMEN PER WATT   | 149                      |
| PROTECTION CLASS   | I                        |
| VOLTAGE TYPE   | AC/DC                    |
| HOUSING COLOUR   | black                    |
| SUITED FOR EMERGENCY LIGHTING                                      | No                       |
| SWITCH CYCLES  | > 100.000                |
| OVERVOLTAGE PROTECTION   | up to 10000 V            |
| WARRANTY IN YEARS  | 7                        |
| L80/B10  | 50000                    |
| SUITABLE FOR SURFACE MOUNTING                                      | Yes                      |
| SUITABLE FOR MOUNTING  | No                       |
| DIMMING WITHOUT DIMMER   | No                       |
| ENABLED LICENSED PRODUCT   | Yes                      |
| ASSORTMENT   | Highline                 |
| ENERGY EFFICIENCY CLASS<br>ACCORDING TO EU REGULATION<br>2019/2015 | not required             |
| LIFETIME L80/B10 AT 25°C   | 50000                    |

|   |   |
|---|---|
| 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   | 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  | 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 OUTLET</b>   | Direct                   |
| <b>COLOUR OF LIGHT ADJUSTABLE</b>                           | No                       |
| <b>LUMINOUS FLUX ADJUSTABLE</b>                             | No                       |
| <b>BEAM ANGLE ADJUSTABLE</b>                                | No                       |
| <b>LIGHT SHARING</b>  | Symmetric                |
| <b>ADJUSTABILITY</b>  | Swivelling               |
| <b>SURFACE PROTECTION</b>                                   | Powder coating           |
| <b>BEAM ANGLE</b>   | Extreme wide beam >80°   |
| <b>CONNECTION TYPE</b>                                      | Other                    |