

PRODUCT NO. 3023-230120

**DOTLUX LED downlight CIRCLEflat 12W 3000K incl. driver**



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- Flat design with integrated power supply enables use even in difficult installation locations
- Backlight technology with robust aluminum core board and good thermal management
- Wide housing rebate covers inaccurately cut mounting hole
- Plastic-sheathed metal clips provide secure hold

|                             |   |
|-----------------------------|---|
| SUCCESSION ARTICLE          | -   |
| PREDECESSOR ARTICLE         | 3023-040120 2824 3023-0FW120<br>3023-130120 |
| WEIGHT IN KG                | 0.124                                       |
| LUMEN PER WATT              | 72  |
| POWER CONSUMPTION IN WATTS  | 12  |
| NET LUMINOUS FLUX IN LUMENS | 860   |

Dimensions

height: 27mm  
diameter: 175mm

|                                     |                          |
|-------------------------------------|--------------------------|
| BEAM ANGLE                          | 120°                     |
| PROTECTION CLASS (IP)               | IP20                     |
| LIGHT COLOR                         | white                    |
| INPUT VOLTAGE                       | 220 - 240 V AC           |
| SERVICE LIFE                        | approx. 30.000 h at 25°C |
| COLOR TEMPERATURE IN KELVIN         | 3000                     |
| COLOR-RENDERING-INDEX               | CRI > 82                 |
| POWER FACTOR                        | 0,79                     |
| INRUSH CURRENT IN A                 | 0                        |
| IK PROTECTION                       | IK03                     |
| LUMEN PER WATT                      | 72                       |
| PROTECTION CLASS                    | II                       |
| VOLTAGE TYPE                        | AC/DC                    |
| HOUSING COLOUR                      | white                    |
| SWITCH CYCLES                       | > 60.000                 |
| INSTALLATION OPENING WIDTH IN MM    | 0                        |
| INSTALLATION OPENING DIAMETER IN MM | 143-155                  |
| WARRANTY IN YEARS                   | 2                        |
| L80/B10                             | 80000                    |
| RATED CURRENT                       | 0.07                     |
| SUITABLE FOR SURFACE MOUNTING       | Yes                      |
| SUITABLE FOR MOUNTING               | Yes                      |
| DIMMING WITHOUT DIMMER              | No                       |
| ASSORTMENT                          | Ecoline                  |

|   |   |
|---|---|
| ENERGY EFFICIENCY CLASS<br>ACCORDING TO EU REGULATION<br>2019/2015                    | not required                                |
| LIFETIME L80/B10 AT 25°C  | 80000                                       |
| LED-LIFETIME LIGHT SOURCE L70/B50<br>AT 25°C  | 30000                                       |
| LIFETIME L80/B20 AT 25°C  | 0   |
| ETIM GRUPPEN-ID   | EC001744                                    |
| WITH ILLUMINANT   | Yes   |
| SUITABLE FOR WALL MOUNTING  | No  |
| SUITABLE FOR SUSPENDED MOUNTING   | No  |
| SUITABLE FOR CEILING MOUNTING   | No  |
| SUITABLE FOR WORKPLACE<br>ACCORDING TO EN 12464-1                                     | No  |
| LAMP HOLDER   | -   |
| MATERIAL COVER  | -   |
| TYPE OF CONTROL GEAR  | LED operating device current-<br>controlled |
| WITH CONTROL GEAR   | No  |
| DIMMING 0-10 V  | No  |
| DIMMING 1-10 V  | No  |
| DIMMING DALI  | No  |
| DIMMING DMX   | No  |
| DIMMING DSI   | No  |
| DIMMING POTENTIOMETER<br>(INTEGRATED)   | No  |
| DIMMING LINESWITCH  | No  |
| DIMMING MANUFACTURER'S<br>PROPRIETARY SYSTEM  | No  |
| DIMMING MAINS VOLTAGE<br>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<br>GEAR  | No  |
| NO DIM FUNCTION   | Yes   |
| COLOUR CONSISTENCY (MCADAM<br>ELLIPSE)  | SDCM6                                       |
| IMPACT STRENGTH   | IK03  |
| LUMINAIRE WITH LIMITED SURFACE<br>TEMPERATURE, SIGN "D" ACCORDING<br>TO EN 60598-2-24 | No  |
| WITH MOVEMENT SENSOR  | No  |
| WITH LIGHT SENSOR   | No  |
| COVERING OF THE LUMINAIRE WITH<br>THERMALLY INSULATING MATERIAL<br>POSSIBLE           | No  |
| FILAMENT TEST ACCORDING TO IEC<br>60695-2-11  | 650 °C - 30 s                               |
| CONSTANT LIGHT OUTPUT (CLO)   | Yes   |
| PHOTOBIOLOGICAL SAFETY<br>ACCORDING TO EN 62471                                       | RG2   |
| 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                          |
| SUITABLE FOR PEDESTAL/FLOOR MOUNTING                 | No                          |
| SUITABLE FOR TRAVERSE MOUNTING                       | No                          |
| EXCHANGEABLE CONTROL GEAR                            | No                          |
| SUITABLE FOR LAMP POWER IN W                         | 11.6                        |
| LAMP TYPE  | LED not exchangeable        |
| 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                             | 30000                       |
| LIFETIME L90/B10 AT 25°C                             | 7500                        |
| PULSE DURATION IN µS                                 | 0                           |
| LIFETIME L90/B50 AT 25°C                             | 10000                       |
| BEG FUNDING  | Only relevant in Germany    |
| ENERGIEEFFIZIENZKLASSE DER LICHTQUELLE EINER LEUCHTE | G                           |
| LIGHT SHARING  | Asymmetric                  |
| LIGHT OUTLET   | Direct                      |
| TYPE OF WIRING                                       | Suitable for through wiring |
| COLOUR OF LIGHT ADJUSTABLE                           | No                          |
| LUMINOUS FLUX ADJUSTABLE                             | No                          |
| BEAM ANGLE ADJUSTABLE                                | No                          |
| SURFACE PROTECTION                                   | Plastic-coated              |
| ADJUSTABILITY  | Not adjustable              |
| LIGHT DISTRIBUTOR                                    | Other                       |
| REFLECTOR  | None                        |
| BEAM ANGLE   | Extreme wide beam >80°      |
| DEGREE OF PROTECTION (NEMA)                          | Other                       |
| CONNECTION TYPE                                      | Other                       |