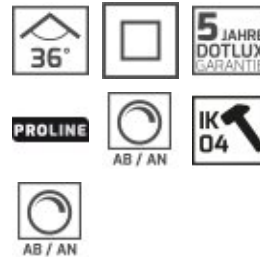


PRODUCT NO. 5424-040036

DOTLUX LED recessed light MULTISCREWplus 6W 4000K IP65 dimmable



to the product page

- PLUS version with high luminous flux: 600Lm at 6W and IP65
- Thanks to its compact design, the screwable IP65 downlight fits into all appliance/connection boxes for cavity walls, recessed installation and fire protection boxes
- Quick and space-saving installation thanks to the integrated "DIMtoZERO" leading edge/trailing edge dimmable power supply unit (0-100%)
- Excellent thermal management as the luminaire rests directly on the insulating material. Spacers are not required.
- Additional plug-in mounting brackets enable tool-free installation in ceiling recesses with Ø 50-70 mm.
- Can be screwed directly into solid wood ceilings/beams with Ø 50-52 mm blind holes
- Choice of 6 magnetic panels that can be mounted without tools and are therefore easy to align
- Reflector technology ensures pleasant, glare-free light
- Ideal replacement for MR11/MR16 halogen downlights
- Cost-effective integration also in DALI systems with DALI trailing edge phase dimmer order no. 5425
- Trailing edge phase control dimmer order no. 5180
- Increased protection rating of min. IP44

| | | | |
|------------------------------------|---------------------------------------|--|------------------------------|
| PRODUCT GROUP | EC001744_Downlight/Strahler/Flutlicht | | |
| SUCCESSION ARTICLE | - | BEAM ANGLE | 36 |
| WEIGHT IN KG | 0.101 | PROTECTION CLASS (IP) | other Front IP65 / rear IP20 |
| POWER CONSUMPTION IN WATTS | 6 | LIGHT COLOR | white |
| NET LUMINOUS FLUX IN LUMENS | 620 | INPUT VOLTAGE | 220 - 240 AC |
| LUMEN PER WATT | 103 | SERVICE LIFE | approx. 40.000 h at 25°C |
| | | COLOR TEMPERATURE IN KELVIN | 4000 |
| | | COLOR-RENDERING-INDEX | CRI > 82 |
| | | POWER FACTOR | 0,92 |
| | | INRUSH CURRENT IN A | 5 |
| | | LUMEN PER WATT | 103 |
| | | PROTECTION CLASS | II |
| | | VOLTAGE TYPE | AC |
| | | HOUSING COLOUR | white |
| | | SWITCH CYCLES | > 80.000 |
| | | INSTALLATION OPENING WIDTH IN MM | 50 |
| | | INSTALLATION OPENING DIAMETER IN MM | 50-70 |
| | | INSTALLATION OPENING LENGHT IN MM | 50 |
| | | WARRANTY IN YEARS | 5 |
| | | L80/B10 | 20000 |
| | | RATED CURRENT | 0.03 |
| | | SUITABLE FOR SURFACE MOUNTING | No |
| | | SUITABLE FOR MOUNTING | Yes |

Dimensions

length: 80mm
diameter: 80mm
width: 80mm
height: 43mm

| | |
|--|---|
| DIMMING WITHOUT DIMMER | No |
| ASSORTMENT | Proline |
| ENERGY EFFICIENCY CLASS ACCORDING TO EU REGULATION 2019/2015 | not required |
| MOUNTING LOCATION | Indoor |
| LIFETIME L80/B10 AT 25°C | 20000 |
| LED-LIFETIME LIGHT SOURCE L70/B50 AT 25°C | 40000 |
| 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 |
| SUITABLE FOR NUMBER OF LIGHT SOURCES | 1 |
| LAMP HOLDER | - |
| MATERIAL COVER | - |
| 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 | Yes |
| DIMMING PHASE CUT-OFF | Yes |
| 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 | IK04 |
| LUMINAIRE WITH LIMITED SURFACE TEMPERATURE, SIGN "D" ACCORDING TO EN 60598-2-24 | No |
| WITH MOVEMENT SENSOR | No |
| WITH LIGHT SENSOR | No |
| COVERING OF THE LUMINAIRE WITH THERMALLY INSULATING MATERIAL POSSIBLE | Yes |
| FILAMENT TEST ACCORDING TO IEC 60695-2-11 | 650 °C - 30 s |
| CONSTANT LIGHT OUTPUT (CLO) | Yes |
| CONNECTION TYPE | Insulation displacement connector |

| | |
|---|-----------------------------|
| PHOTOBIOLOGICAL SAFETY ACCORDING TO EN 62471 | RG1 |
| 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 | 6 |
| LAMP TYPE | LED not exchangeable |
| EMERGENCY POWER SUPPLY INTEGRATED | No |
| SURFACE BRUSHED | Yes |
| DIMMING DALI-2 | No |
| DIMMING PHASE CUT-ON | Yes |
| DIMMING GPRS | No |
| LIFETIME L70/B50 AT 25°C | 40000 |
| LIFETIME L90/B10 AT 25°C | 10000 |
| PULSE DURATION IN µS | 90 |
| BEG FUNDING | Only relevant in Germany |
| ENERGY EFFICIENCY CLASS OF THE LIGHT SOURCE OF A LUMINAIRE | F |
| ELDAS-NR. | 941005709 |
| DIAMETER IN MM | 80 |
| MAX. SYSTEM POWER IN W | 6 |
| LUMINOUS FLUX IN LM | 620 |
| RATED AMBIENT TEMPERATURE ACCORDING TO IEC62722-2-1 IN °C | -10-35 |
| ABMESSUNGEN BREITE MM | 80 |
| ABMESSUNGEN HÖHE MM | 43 |
| INSTALLATION HEIGHT/DEPTH IN MM | 38 |
| NOMINAL VOLTAGE IN V | 230 |
| MAX. NUMBER OF LIGHTS PER MINIATURE CIRCUIT BREAKER B16 | 250 |
| MAX. NUMBER OF LIGHTS PER CIRCUIT BREAKER C16 | 416 |
| TYPE OF WIRING | Suitable for through wiring |
| COLOUR OF LIGHT ADJUSTABLE | No |
| LUMINOUS FLUX ADJUSTABLE | No |
| BEAM ANGLE ADJUSTABLE | No |
| LIGHT SHARING | Symmetric |
| LIGHT OUTLET | Direct/indirect |
| REFLECTOR | High-gloss |
| SURFACE PROTECTION | Powder coating |
| BEAM ANGLE | Medium beam 21-40° |
| ADJUSTABILITY | Not adjustable |
| DEGREE OF PROTECTION (NEMA) | 4x |