

**DOTLUX LED recessed light MULTISCREWplus 6W 3000K IP65 dimmable**

Order number: 5424-030036

- \"PLUS\" version with high luminous flux: 600Lm at 6W and IP65.
  - Thanks to its compact design, the screwable IP65 downlight fits into all appliance boxes/junction boxes for cavity walls, flush-mounted 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, with the luminaire resting directly on the insulating material. Spacers are not required.
  - Included plug-in mounting brackets enable tool-free installation in ceiling cut-outs 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
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- Ideal replacement for recessed halogen spotlights MR11/MR16
  - Cost-effective integration also in DALI systems with DALI trailing edge phase control dimmer art. no. 5425
  - Trailing edge phase control dimmer art. no. 5180

Lumen per watt: 100; Power consumption in watts: 6; Net luminous flux in lumens: 600; Beam angle: 36°; protection class (IP): other Front IP65 / rear IP20; Light color: white; Input voltage: 220 - 240 V AC; Service life: approx. 40.000 h at 25°C; Color temperature in Kelvin: 3000; Color-rendering-index: CRI > 82; Power Factor: 0,93; Inrush current in A: 5; IK protection: IK04; Lumen per watt: 100; 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 length in mm: 50; Warranty in years: 5; L80/B10: 40000; Rated current: 0.03; Suitable for surface mounting: No; Suitable for mounting: Yes; 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: 40000; LED-Lifetime light source L70/B50 at 25°C: 80000; 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: Yes; Suitable for number of light sources: 1; Lamp holder: -; Material cover: -; 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 (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; 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: 80000; Pulse duration in µs: 90; BEG funding: Only relevant in Germany; Energieeffizienzklasse der Lichtquelle einer Leuchte: F; Type of control gear: Electronic transformer; 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; Adjustability: Swivelling; Reflector: High-gloss; Surface protection: Powder coating; Beam angle: Medium beam 21-40°; Degree of protection (NEMA): 4x width: 80mm diameter: 80mm