

**DOTLUX LED recessed ceiling spotlight FLEXA COLORselect, POWERselect 28W/38W 60° tiltable**

Order number: 1946-0FW100

- Equipped with innovative SAMSUNG® LEDs
- Heat-decoupled driver in a separate housing
- Highly efficient, passive die-cast aluminum heat sink
- Uniform light distribution thanks to the special diffusing lens
- Easy replacement due to standard size

Power consumption in watts: 38; Net luminous flux in lumens: max. 4180; Lumen per watt: 110; Beam angle: 100; protection class (IP): IP20; Temperature range: -40°C to +40°C; Light color: multicoloured; Service life: approx. 50.000 h at 25°C; Color temperature in Kelvin: 3000/4000/5700; Color-rendering-index: CRI > 92; Power Factor: 0,97; Inrush current in A: 0; IK protection: other; Lumen per watt: 110; Protection class: II; Voltage type: AC; Housing colour: white; Switch cycles: > 100.000; Installation opening width in mm: 130; Installation opening diameter in mm: ; Installation opening length in mm: 227; Input voltage span: 220-240 AC; Warranty in years: 5; L80/B10: 50000; Rated current: 0; Suitable for surface mounting: No; Suitable for mounting: Yes; Dimming without dimmer: No; Input voltage range luminaire: 220-240 AC; Assortment: Proline; Energy efficiency class according to EU regulation 2019/2015: not required; Lifetime L80/B10 at 25°C: 50000; LED-Lifetime light source L70/B50 at 25°C: 100000; ETIM Gruppen-ID: ECO01744; With illuminant: Yes; Suitable for wall mounting: No; 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: 0; Material cover: -; 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: Yes; Light sharing: -; Beam angle: -; Colour consistency (McAdam ellipse): SDCM6; Light outlet: -; Impact strength: other; 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: No; Filament test according to IEC 60695-2-11: without; Constant light output (CLO): No; Type of wiring: -; Colour of light adjustable: Positions; Luminous flux adjustable: Positions; 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: No; Suitable for light-track mounting: No; Suitable for pedestal/floor mounting: No; Suitable for traverse mounting: No; Exchangeable control gear: Yes; Suitable for lamp power in w: 38; 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: 100000; Lifetime L90/B10 at 25°C: 25000; Pulse duration in µs: 0; BEG funding: Only relevant in Germany; Dreh- /Schwenkbar: 60° / -; Energieeffizienzklasse der Lichtquelle einer Leuchte: F; Beam angle adjustable: Continuously variable; Adjustability: Swivelling; Reflector: Other; Light distributor: Other; Surface protection: Other; Photobiological safety according to EN 62471: Other; Type of control gear: Not required; Degree of protection (NEMA): Other; Connection type: Other; Lamp holder: Other width: 145mm