

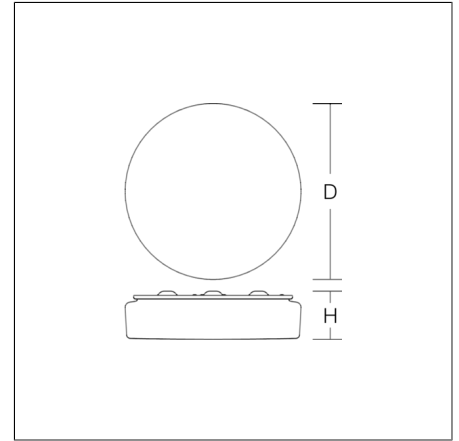
# FLAT POLYMER KREIS

672435.002.5.19 | Combined luminaires for escape route illumination



Ceiling and wall luminaires  
4051859527954  
D 460, H 93

Ceiling mounting, Wall (surface)  
white



Decorative round surface-mounted luminaire. For escape route illumination. Base: metal, powder-coated. Diffuser made of non-yellowing plastic (PMMA), opal. Diffuser fastening: patented push system. Suitable for Ceiling mounting, Wall (surface). Electronic ballast included. Self-contained system with automatic self-test. With integrated HF movement sensor. Functional parameters of the motion detector (ceiling mounting up to 4.0 m or wall mounting up to 2.7 m): HF detector 5.8 GHz ISM frequency band. Sensitivity/Range: 1-8 m in diameter, adjustable from 20-100%. Time control between 10 seconds and 30 minutes, adjustable. Coverage: 120°. Can be used as master luminaire up to 800 W (ohmic load), 500 W (fluorescent lamp, LED) / 400 A, 200  $\mu$ s. Suitable for outdoor use to a limited extent only, as it is sensitive to all movements.

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## Product specifications

Typ of emergency lighting	Self-contained system
Monitoring	Autotest
Battery	NiMh
Duration	8 h
Operating mode	Non-maintained power mode and maintained power mode
Diameter D	460 mm
Height H	93 mm
Weight	2.6 kg
Light source	LED
Colour temperature	4000 K
Rated luminous flux, mains operation	2050 lm
System power, mains operation	20 W
Rated luminous flux, emergency operation	80 lm
System efficiency	103 lm/W
Glare evaluation UGR (4H 8H)	19
Beam angle	down 124° up 180°
Colour rendering index (CRI)	80
Colour tolerance	4
Photobiological safety according to EN 62471	Risk group 0
Driver	Converter
Control	on/off
Voltage	230 V / 50 Hz, 60 Hz
Luminaires on B10A fuse	31
Luminaires on B16A fuse	50
Luminaires on C10A fuse	52
Luminaires on C16A fuse	85
Inrush current / Inrush current duration	5 A / 50 µs
CIE Flux Code / CEN Flux Code	42 72 91 85 100
Type of protection	IP 40
Protection class	I
Filament test	650°C - 30 seconds
Impact resistance	IK03
Ambient temperature for maintained power	5 °C ... + 30 °C
Ambient temperature for non-maintained power mode	5 °C ... + 40 °C
Conformity mark	CE, EAC

## Spareparts



08-311600.002  
Replacement diffuser