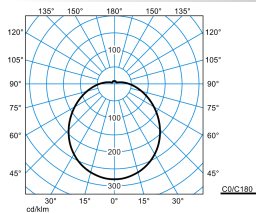






Product features and key data

Applications	Entrance areas Corridors Stairways Recreation rooms Hotels and restaurants Residential areas
Luminaire type	Round, surface-mounted LED luminaire with opal, spherically shaped PMMA diffuser, luminaire diameter 512 mm.
Mounting method	Surface-mounting
Light distribution curve	Lambertian (L)
FWHM	117 °
Light Engine	standard product
Colour temperature	4000 K
Rated luminous flux	3200 lm
Connected load	27,00 W
Luminous efficacy	119 lm/W
Rated service life	L70 (25 °C) = 75.000 h
Colour rendering index	80
Colour tolerance	3 SDCM
Photobiological class	Group 0 - no risk
Luminaire colour	RAL9016 Traffic white
Luminaire body	Luminaire body sheet steel.
Electrical version	With electronic transformer, switchable.
Connection method	Plug-in terminal
Emergency light	Single battery 3h
Mains voltage	220 - 240 V
Mains frequency	50/60 Hz
Total harmonic distortion < %	14 %
Protection rating	IP40
Protection class	I
Impact resistance (IK)	IK03
Hot wire resistance	650 °C
Ambient temperature	-20 - 25 °C
Max. Luminaires B10	14
Max. Luminaires B16	24
Max. Luminaires C10	24
Max. Luminaires C16	40
Net height	138 mm
Outside diameter	512 mm
Weight	4,1 kg

light distribution curve

Mondia G3 K WD3 DW 32-840 ET EB3

UGR I = 20,1
 UGR q = 20,1
 DIN 5040: A30
 UTE: 0.91 G + 0.09 T
 DLOR: 91 %
 ULOR: 9 %
 CEN Flux Code: 42 71 89 91 100 14 26 48 9

Available accessories

Material	Description
 Mondia G3 WD3 ZDR 01 8183200	Decorative ring made of sheet steel. For luminaires from series Mondia G3 WD3. Powder-coated surface, colour white.
 Mondia G3 WD3 ZDR 03 8183300	Decorative ring made of sheet steel. For luminaires from series Mondia G3 WD3. Powder-coated surface, colour silver-grey.
 Mondia G3 WD3 ZDR 05 8183400	Decorative ring made of sheet steel. For luminaires from series Mondia G3 WD3. Powder-coated surface, colour black.
 Wanne Mondia K WD3 Ersatz 8283400	Opal PMMA replacement diffuser for luminaires of series Mondia WD3... . Spherically shaped diffuser.
 Wanne Mondia Z WD3 Ersatz 8284000	Opal PMMA replacement diffuser for luminaires of series Mondia WD3... . Cylindrically shaped diffuser.

Offer text

Round, surface-mounted LED luminaire with opal, spherically shaped PMMA diffuser, luminaire diameter 512 mm. The easy-fit decorative ring is available as an optional accessory in the standard colours and also in custom colours on request. Developed and made in Germany. In emergency light version with single battery system, nominal operation time 3 hours. Luminaire luminous flux in emergency light operating mode: 500 lm. For wall or ceiling mounting. With Lambertian light distribution. With slight indirect component for surface illumination. Luminaire luminous flux and light color fixed. Luminaire luminous flux 3200 lm, connected load 27 W, maximum luminous efficiency of luminaire 119 lm/W. Light colour neutral white, correlated colour temperature (CCT) 4000 K, general colour rendering index (CRI) $R_a > 80$. Colour locus tolerance (initial MacAdam) ≤ 3 SDCM. Mean rated service life L70 ($t_q 25^\circ\text{C}$) = 75,000 h. The light source is replaceable according to the ecodesign requirements (VO (EU) 2019/2020). Flicker: Pst LM ≤ 1.0 at full load. Stroboscopic effect: SVM ≤ 0.4 at full load. Luminaire body sheet steel. Surface coated white (similar to RAL 9016). Diameter of diffuser $\varnothing 512$ mm, luminaire height 138 mm. Safety class (EN 61140): I, protection rating (DIN EN 60529): IP40, impact resistance level in accordance with IEC 62262: IK03, testing temperature of wire glow test in accordance with IEC 60695-2-11: 650 °C. Permissible ambient temperature (t_a): -20 °C to 25 °C. Weight: 4,1 kg. The connection is made by means of a plug-in terminal with mains forwarding equipment. With electronic transformer, switchable. The control gear unit is replaceable in accordance with the ecodesign requirements (VO (EU) 2019/2020). The luminaire complies with the fundamental requirements of applicable EU regulations and product safety legislation and bears the CE symbol.

Disassembly instructions (PDF) for the product available at: <https://www.trilux.com/EcoDesign>

EPREL - European Product Registry for Energy Labelling

Energy Efficiency Class	Model identifier
D	SI-B8T087280EU