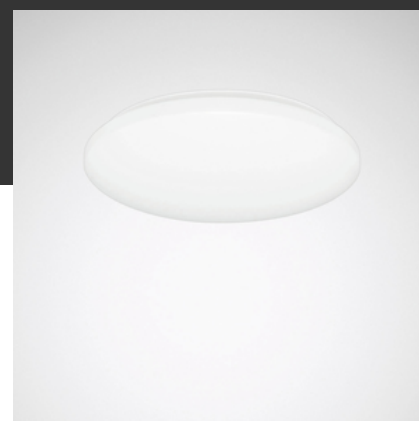
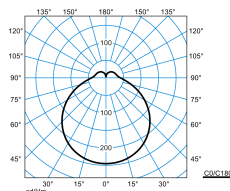
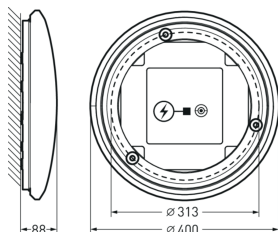


2340 G2 WD2 LED 22/16/ML-8MC ET

LED wall and ceiling luminaire

TOC: 7790340



Product description

Luminaire type

Round surface-mounted LED luminaire with polystyrene diffuser.

Applications

For entrance areas, corridors, stairways, lounges, hotels, restaurants and residential zones.

Mounting methods

For wall or ceiling mounting. Secure diffuser fixing with bayonet fixing mechanism.

Optical system

Round, opal diffuser, spherical construction. With Lambertian light distribution.

LED system

Luminaire luminous flux adjustable in 2 levels, light color adjustable in 2 levels. Luminaire luminous flux 1500 lm - 2200 lm, connected load 14 W - 20 W, Power Factor $\lambda > 0,9$, maximum luminous efficiency of luminaire 114 lm/W. Light colour warm white or neutral white, correlated colour temperature (CCT) 3000 K or 4000 K, general colour rendering index (CRI) $R_a > 80$. Colour locus tolerance (initial MacAdam) ≤ 5 SDCM. The light source is replaceable according to the ecodesign requirements (VO (EU) 2019/2020).

Luminaire body

Luminaire body of aluminium. Surface coated white (similar to RAL 9016). Diameter of diffuser \varnothing 400 mm, luminaire height 88 mm. Permissible ambient temperature (t_a): 25 °C - +. Safety class (EN 61140): I, protection rating (DIN EN 60529): IP20, impact resistance level in accordance with IEC 62262: IK02, testing temperature of wire glow test in accordance with IEC 60695-2-11: 650 °C. Weight: 0,9 kg.

Electrical version

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. The luminaire is also ENEC-certified by an independent testing authority.

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 polystyrene diffuser.	
Mounting method	Surface-mounting	
Luminaire optic	Round, opal diffuser, spherical construction.	
Light distribution curve	Lambertian (L)	
FWHM	122,60 °	
Light Engine	Level 3	Level 2
Colour temperature	3000 K	4000 K
Rated luminous flux	1500 lm	2200 lm
Connected load	14,00 W	20,00 W
Luminous efficacy	107 lm/W	110 lm/W
Colour rendering index	80	
Colour tolerance	5 SDCM	
Photobiological class	Group 0 - no risk	

Product features and key data

Luminaire colour	RAL9016 Traffic white
Luminaire body	Luminaire body of aluminium.
Electrical version	With electronic transformer, switchable.
Wire diameter	1,50 mm ²
Connection method	Plug-in terminal
Mains voltage	220 - 240 V
Mains frequency	50/60 Hz
Total harmonic distortion < %	14 %
Ingress Protection (IP) rating	IP20
Protection class	I
Impact resistance (IK)	IK02
Hot wire resistance	650 °C
Ambient temperature	25 °C
Max. Luminaires B10	14
Max. Luminaires B16	22
Max. Luminaires C10	23
Max. Luminaires C16	38
Net height	88 mm
Outside diameter	400 mm
Weight	0,9 kg

Light Engine Data

Light Engine	Color temperature	Rated light current	Power supply value Typ	Luminous efficacy
Level 3	3000 K	1500 lm	14,00 W	107 lm/W
Level 4	3000 K	2100 lm	20,00 W	105 lm/W
Level 1	4000 K	1600 lm	14,00 W	114 lm/W
Level 2	4000 K	2200 lm	20,00 W	110 lm/W

EPREL - European Product Registry for Energy Labelling

Energy Efficiency Class	Model identifier
D	MCL-D400-19W G1

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