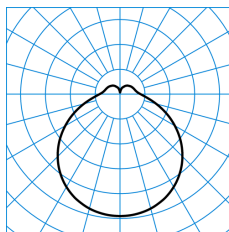
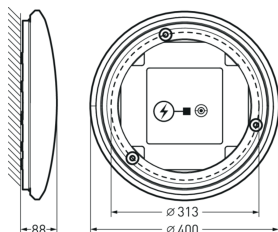


2340 G2 WD2 LED 22/16/ML-8MC ET+HFS

LED wall and ceiling luminaire

TOC: 7790440



Product description

Luminaire type

Round surface-mounted LED luminaire with polystyrene diffuser.

Light management

With integrated HF motion sensor. Shape of the detection area somewhat ellipsoid, Length of the detection area up to 12 m, Width of the detection area up to 8 m.

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 3 levels. Luminaire luminous flux 800 lm - 2200 lm, connected load 8,00 W - 19,00 W, maximum luminous efficiency of luminaire 116 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) ≤ 5 SDCM. Mean rated service life $L_{65}(t_q 25^\circ\text{C}) = 50,000$ h. The light source is replaceable according to the ecodesign requirements (VO (EU) 2019/2020).

Luminaire body

Luminaire body of aluminium. Surface coated white (RAL 9016). Diameter of diffuser $\varnothing 400$ mm, luminaire height 88 mm. Permissible ambient temperature (t_a): $-20^\circ\text{C} - +25^\circ\text{C}$. 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

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 Engine	Level 3	Level 2
Colour temperature	3000 K	4000 K
Rated luminous flux	1500 lm	2200 lm
Connected load	15,00 W	21,00 W
Luminous efficacy	100 lm/W	105 lm/W
Service life	$L_{65}(25^\circ\text{C}) = 50.000$ h	
Colour rendering index	80	
Colour tolerance	5 SDCM	

Product features and key data

Photobiological class	Group 0 - no risk
Luminaire colour	RAL9016 Traffic white
Luminaire body	Luminaire body of aluminium.
Electrical version	With electronic transformer, switchable.
Wire diameter	1,50 mm²
Connection method	Plug-in terminal
Mains frequency	50/60 Hz
Mains voltage	220 - 240 V
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	15,00 W	100 lm/W
Level 4	3000 K	2100 lm	21,00 W	100 lm/W
Level 1	4000 K	1600 lm	15,00 W	107 lm/W
Level 2	4000 K	2200 lm	21,00 W	105 lm/W

EPREL - European Product Registry for Energy Labelling

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

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