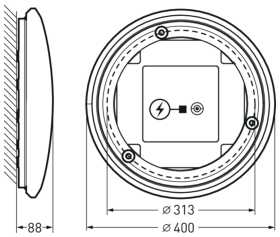
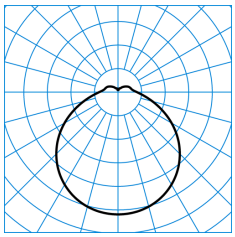
2340 G2 WD1 LED 14/08/ML-8MC ET+HFS

LED wall and ceiling luminaire

TOC: 7790240





Product description

Luminaire type
Round surface-mounted LED luminaire with polystyrene diffuser.

Light management
With integrated HF motion sensor.

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 intensity distribution.

LED system
Luminaire luminous flux adjustable in 2 steps. Minimum luminaire luminous flux 760 lm, connected load 9,00 W. Maximum luminaire luminous flux 1300 lm , connected load 14,00 W. Power Faktor λ > 0,9, luminous efficiency of luminaire 84 lm/W. Light colour warm white or neutral white, correlated colour temperature (CCT) variable (3000 K - 4000 K), general colour rendering index (CRI) R_a > 80. Mean rated service life L65(t_q 25 °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 Ø 330 mm, luminaire height 85 mm. Permissible ambient temperature (ta): -20 °C - +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.	
LED-System	Luminous flux (level 1)	Luminous flux (level 1)
Connected load	9 W	14 W
Power factor	0,90	
Colour temperature	3.000 K	3.000 K
Rated luminous flux	760 lm	1.300 lm
Luminous efficacy	84 lm/W	92 lm/W
Interchangeability lightsource	Yes - interchangeable	
Service life	L65 (25 °C) = 50.000 h	

All technical data including details of weight and dimensions have been compiled with all due care. Errors excepted. Product illustrations serve as examples and may differ from the original. We reserve the right to make alterations in the interest of improving our products.

Product features and key data

Colour rendering index	80
Colour tolerance	5 SDCM
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 < %	20 %
Ingress Protection (IP) rating	IP20
Protection class	I
Impact resistance (IK)	IK02
Hot wire resistance	650 °C
Ambient temperature	25 °C
Max. Luminaires B10	19
Max. Luminaires B16	30
Max. Luminaires C10	31
Max. Luminaires C16	51
Net height	85 mm
Outside diameter	330 mm
Weight	0,9 kg

All technical data including details of weight and dimensions have been compiled with all due care. Errors excepted. Product illustrations serve as examples and may differ from the original. We reserve the right to make alterations in the interest of improving our products.