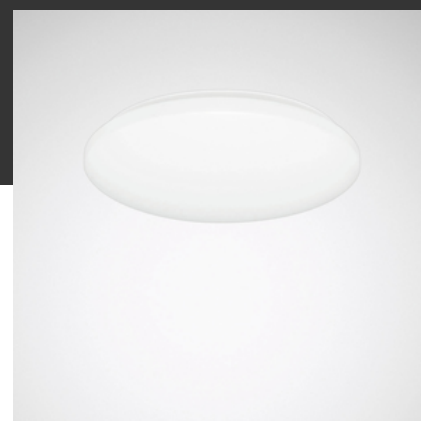
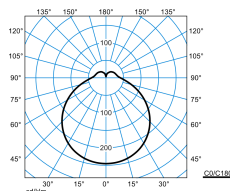
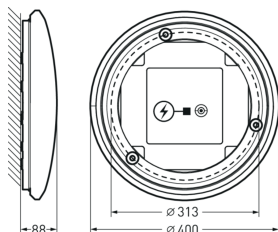


# 2340 G2 WD2 LED 22/16/ML-8MC ET+HFS

## 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.

### 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 and light color adjustable in 4 levels (Multilumen, Multicolour). Luminaire luminous flux 1500 lm - 2200 lm, connected load 15 W - 21 W, Power Faktor  $\lambda > 0,9$ , maximum luminous efficiency of luminaire 107 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)  $\leq 5$  SDCM. Mean rated service life L70 ( $t_q$  25 °C) = 50,000 h. The light source is replaceable according to the ecodesign requirements (VO (EU) 2019/2020). Flicker: Pst LM  $\leq 1.0$  at full load. Stroboscopic effect: SVM  $\leq 0.4$  at full load.

### Luminaire body

Luminaire body of aluminium. Surface coated white (similar to RAL 9016). Diameter of diffuser  $\varnothing$  400 mm, luminaire height 88 mm. 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. Permissible ambient temperature ( $t_a$ ): 25 °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

<b>Applications</b>	Entrance areas Corridors Stairways Recreation rooms Hotels and restaurants Residential areas	
<b>Luminaire type</b>	Round surface-mounted LED luminaire with polystyrene diffuser.	
<b>Mounting method</b>	Surface-mounting	
<b>Luminaire optic</b>	Round, opal diffuser, spherical construction.	
<b>Light distribution curve</b>	Lambertian (L)	
<b>FWHM</b>	122,60 °	
<b>Light Engine</b>	Level 3	Level 2
<b>Colour temperature</b>	3000 K	4000 K
<b>Rated luminous flux</b>	1500 lm	2200 lm
<b>Connected load</b>	15,00 W	21,00 W
<b>Luminous efficacy</b>	100 lm/W	105 lm/W
<b>Rated service life</b>	L70 (25 °C) = 50.000 h	

## 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 voltage	220 - 240 V
Mains frequency	50/60 Hz
Total harmonic distortion < %	14 %
Protection 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 Type	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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