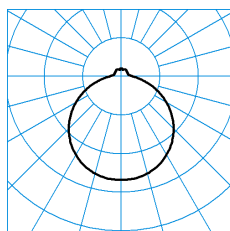
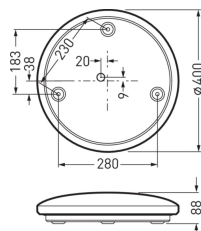


# 2340 WD2 LED 22/14/08/ML-830 ET

## LED wall and ceiling luminaire

TOC: 7239940



## 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 intensity distribution. Glare evaluation according to UGR rating (EN 12464-1) < 22.

### LED system

Luminaire luminous flux adjustable in 3 steps. Minimum luminaire luminous flux 760 lm, connected load 7,00 W. Maximum luminaire luminous flux 2100 lm, connected load 18,00 W. luminous efficiency of luminaire 108 lm/W. Light colour warm white, correlated colour temperature (CCT) 3000 K, general colour rendering index (CRI)  $R_a > 80$ . Colour locus tolerance (initial MacAdam)  $\leq 5$  SDCM, Mean rated service life  $L65(t_q 25^\circ C) = 50,000$  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 ( $t_a$ ):  $-20^\circ C - +25^\circ C$ . 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:  $650^\circ C$ . 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>LED-System</b>	Luminous flux (level 0)	Luminous flux (level F)
<b>Connected load</b>	7 W	18 W
<b>Power factor</b>	0,50	
<b>Colour temperature</b>	3.000 K	3.000 K
<b>Rated luminous flux</b>	760 lm	2.100 lm
<b>Luminous efficacy</b>	108 lm/W	116 lm/W
<b>Interchangeability lightsource</b>	Yes - interchangeable	
<b>Service life</b>	L65 (25 °C) = 50.000 h	
<b>Colour rendering index</b>	80	
<b>Colour tolerance</b>	5 SDCM	

## Product features and key data

<b>Photobiological class</b>	Group 0 - no risk
<b>Luminaire colour</b>	RAL9016 Traffic white
<b>Luminaire body</b>	Luminaire body of aluminium.
<b>Electrical version</b>	With electronic transformer, switchable.
<b>Wire diameter</b>	1,50 mm <sup>2</sup>
<b>Connection method</b>	Plug-in terminal
<b>Mains frequency</b>	50/60 Hz
<b>Mains voltage</b>	220 - 240 V
<b>Total harmonic distortion &lt; %</b>	14 %
<b>Ingress Protection (IP) rating</b>	IP20
<b>Protection class</b>	I
<b>Impact resistance (IK)</b>	IK02
<b>Hot wire resistance</b>	650 °C
<b>Ambient temperature</b>	25 °C
<b>Max. Luminaires B10</b>	127
<b>Max. Luminaires B16</b>	204
<b>Max. Luminaires C10</b>	127
<b>Max. Luminaires C16</b>	204
<b>Net height</b>	88 mm
<b>Outside diameter</b>	400 mm
<b>Weight</b>	0,9 kg