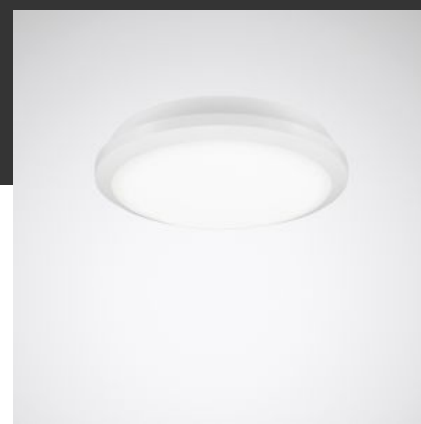
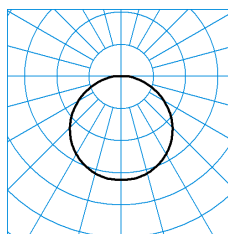
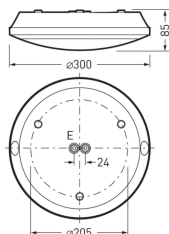


# 2345 WD1 20/14/10/ML-830 ET IP65 +HFS

TOC: 7376940



## Product description

### Luminaire type

Round LED surface-mounted weather-proof luminaire. Luminaire with triple Multi-Lumen equipment.

### 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

damp rooms, canopied outdoor areas not exposed to general weather.

### Mounting methods

For wall or ceiling mounting.

### Optical system

With opal polycarbonate diffuser, impact resistant. With Lambertian light intensity distribution. Glare evaluation according to UGR rating (EN 12464-1) < 22.

### LED system

Luminaire with settable rated luminous flux 760 lm - 2100 lm. Rated power according to set luminous flux 11,00 W - 21,00 W. luminous efficiency of luminaire 69 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  $L65(t_q 25^\circ\text{C}) = 50,000$  h. The light source is replaceable according to the ecodesign requirements (VO (EU) 2019/2020).

### Luminaire body

Luminaire body of plastic, white (RAL 9016). Diameter of diffuser  $\varnothing 300$  mm, luminaire height 85 mm. Weight: 0,9 kg. Safety class (EN 61140): II, protection rating (DIN EN 60529): IP65, impact resistance level in accordance with IEC 62262: IK10, testing temperature of wire glow test in accordance with IEC 60695-2-11: 650 °C.

### Electrical version

With electronic transformer, switchable. The control gear unit is replaceable in accordance with the ecodesign requirements (VO (EU) 2019/2020). Control gear in multi-lumen version, luminous flux setting in factory default: 2000 lm. 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>	Damp rooms canopied outdoor areas	
<b>Luminaire type</b>	Round LED surface-mounted weather-proof luminaire.	
<b>Mounting method</b>	Surface-mounting	
<b>Luminaire optic</b>	With opal polycarbonate diffuser, impact resistant.	
<b>LED-System</b>	Luminous flux (level 0)	Luminous flux (level F)
<b>Connected load</b>	11 W	21 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>	69 lm/W	100 lm/W

## Product features and key data

Interchangeability lightsource	Yes - interchangeable
Service life	L65 (25 °C) = 50.000 h
Colour rendering index	80
Colour tolerance	5 SDCM
Photobiological class	Group 0 - no risk
Luminaire colour	RAL9016 Traffic white
Luminaire body	Luminaire body of plastic, white
Electrical version	With electronic transformer, switchable.
Wire diameter	1,50 mm <sup>2</sup>
Connection method	Plug-in terminal
Mains frequency	50/60 Hz
Mains voltage	220 - 240 V
Total harmonic distortion < %	14 %
Ingress Protection (IP) rating	IP65
Protection class	II
Impact resistance (IK)	IK10
Hot wire resistance	650 °C
Ambient temperature	25 °C
Max. Luminaires B10	24
Max. Luminaires B16	40
Max. Luminaires C10	42
Max. Luminaires C16	69
Net height	85 mm
Outside diameter	300 mm
Weight	0,9 kg