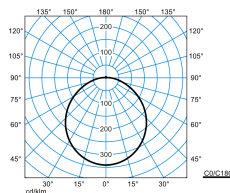
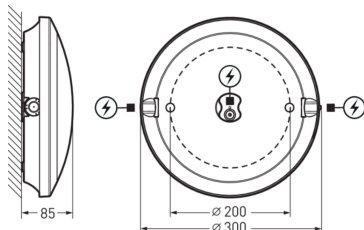


2345 G2 WD1 20/14/10/ML-8MC ET

TOC: 7790640



Product description

Luminaire type

Round LED surface-mounted weather-proof luminaire.

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 distribution.

LED system

Luminaire luminous flux adjustable in 3 levels (Multilumen). Luminaire luminous flux 760 lm - 2100 lm, connected load 9,00 W - 19,00 W, maximum luminous efficiency of luminaire 111 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) ≤ 5 SDCM. The light source is replaceable according to the ecodesign requirements (VO (EU) 2019/2020).

Luminaire body

Luminaire body of plastic, white Diameter of diffuser \varnothing 300 mm, luminaire height 85 mm. 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. Permissible ambient temperature (t_a): 25 °C Weight: 0,7 kg.

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 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

Applications	Damp rooms canopied outdoor areas	
Luminaire type	Round LED surface-mounted weather-proof luminaire.	
Mounting method	Surface-mounting	
Luminaire optic	With opal polycarbonate diffuser, impact resistant.	
Light distribution curve	Lambertian (L)	
FWHM	110,60 °	
Light Engine	Level 1	Level 6
Colour temperature	3000 K	4000 K
Rated luminous flux	1000 lm	2000 lm
Connected load	9,00 W	19,00 W
Luminous efficacy	111 lm/W	105 lm/W
Rated service life	L70 (25 °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 plastic, white
Electrical version	With electronic control gear unit, switchable.
Wire diameter	1,50 mm ²
Connection method	Plug-in terminal
Mains voltage	220 - 240 V
Mains frequency	50/60 Hz
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	13
Max. Luminaires B16	21
Max. Luminaires C10	22
Max. Luminaires C16	36
Net height	85 mm
Outside diameter	300 mm
Weight	0,7 kg

Light Engine Data

Light Engine	Color temperature	Rated light current	Power supply value Typ	Luminous efficacy
Level 1	3000 K	1000 lm	9,00 W	111 lm/W
Level 2	3000 K	1400 lm	12,00 W	117 lm/W
Level 3	3000 K	2000 lm	19,00 W	105 lm/W
Level 4	4000 K	1000 lm	9,00 W	111 lm/W
Level 5	4000 K	1400 lm	12,00 W	117 lm/W
Level 6	4000 K	2000 lm	19,00 W	105 lm/W

EPREL - European Product Registry for Energy Labelling

Energy Efficiency Class	Model identifier
E	MBHSW-D300-18 G1

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