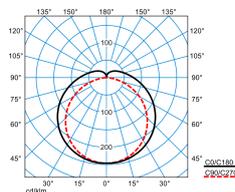
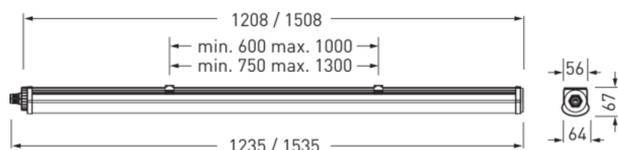


2315 G3 1500 55/38/ML-840 ET PC

LED weather-proof luminaire

TOC: 7756540



Product description

Luminaire type

Surface-mounted luminaire for damp rooms and canopied outdoor areas.

Applications

damp rooms, canopied outdoor areas not exposed to general weather. Suitable for use in HACCP, IFS and/or BRC Global Standard Food certified companies.

Mounting methods

For ceiling, wall and suspended mounting. Wall mounting can be implemented horizontally or vertically. Theft-proof mounting possible via theft protection, to be ordered separately. Mounting clips and triangular brackets for suspended mounting contained within the scope of supply.

Optical system

With opal PC cover. With Lambertian light distribution.

LED system

Luminaire luminous flux adjustable in 2 steps (Multilumen). Luminaire luminous flux 3800 lm - 5600 lm, connected load 30 W - 47 W, Power Factor $\lambda > 0,95$, maximum luminous efficiency of luminaire 127 lm/W. Light colour neutral white, correlated colour temperature (CCT) 4000 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). Flicker: Pst LM ≤ 1.0 at full load. Stroboscopic effect: SVM ≤ 0.4 at full load.

Luminaire body

Upper profile section of extruded polycarbonate. PC end caps with UV protection. Lower profile section of extruded opal polycarbonate. Dimensions (L x W): 1535 mm x 65 mm, luminaire height 65 mm. Safety class (EN 61140): I, protection rating (DIN EN 60529): IP65, impact resistance level in accordance with IEC 62262: IK08, testing temperature of wire glow test in accordance with IEC 60695-2-11: 650 °C. Permissible ambient temperature (ta): 35 °C Weight: 1,4 kg.

Electrical connection

Cable gland with easy-mount bayonet rotary catch for sealing the connection compartment. Luminaire connection is via plug-in terminal.

Electrical version

With electronic control gear unit, switchable. 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.

With suspended mounting, the impact resistance of the luminaire is reduced from IK10 to IK08.

Disassembly instructions (PDF) for the product available at: <https://www.trilux.com/EcoDesign>

Product features and key data

Luminaire type	Surface-mounted luminaire for damp rooms and canopied outdoor areas.	
Mounting method	Surface-mounting Suspension	
Luminaire optic	With opal PC cover.	
Light distribution curve	Lambertian (L)	
FWHM	138 °	
Light Engine	Level 2	Level 1
Colour temperature	4000 K	4000 K
Rated luminous flux	3800 lm	5600 lm
Connected load	30,00 W	47,00 W

Product features and key data

Luminous efficacy	127 lm/W	119 lm/W
Colour rendering index	80	
Colour tolerance	5 SDCM	
Photobiological class	Group 0 - no risk	
Luminaire colour	RAL9016 Traffic white	
Luminaire body	Upper profile section of extruded polycarbonate. PC end caps with UV protection.	
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 %	
IFS label	Yes	
Protection rating	IP65	
Protection class	I	
Impact resistance (IK)	IK08	
Hot wire resistance	650 °C	
Ambient temperature	35 °C	
Max. Luminaires B10	12	
Max. Luminaires B16	19	
Max. Luminaires C10	20	
Max. Luminaires C16	33	
Net length	1.535 mm	
Net width	65 mm	
Net height	65 mm	
Weight	1,4 kg	

Light Engine Data

Light Engine	Color temperature	Rated light current	Power supply value	Type Luminous efficacy
Level 2	4000 K	3800 lm	30,00 W	127 lm/W
Level 1	4000 K	5600 lm	47,00 W	119 lm/W

EPREL - European Product Registry for Energy Labelling

Energy Efficiency Class	Model identifier
E	WP01_WP-SMCWP01a04xHY-HDP5600W40-01

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