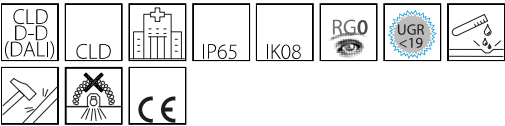


846 - Ermetica LED IP65 - for aseptic environments - prismatic + glass

Code: 152082-0041

GENERAL INFORMATION



Article	846 - Ermetica LED IP65 - for aseptic environments - prismatic + glass
Code	152082-0041

DIMENSIONS AND WEIGHT

Length (mm)	1196 mm
Width (mm)	330 mm
Height (mm)	90 mm
Weight (Kg)	10.6 kg

ELECTRICAL CHARACTERISTICS AND CONTROLS

Voltage type	AC
Min Voltage (V)	220 V
Max Voltage (V)	240 V
Min Frequency (Hz)	50 Hz
Max Frequency (Hz)	60 Hz
Frequency (Hz)	50 Hz
Wiring name	CLD-D-D
Control interface	DALI
Power factor	≥0.9
Insulation class	Class I
Controllability	Yes (External control)



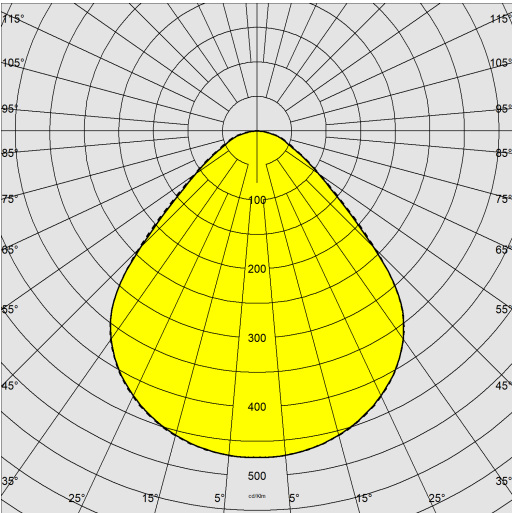
Ermetica is a LED luminaire specifically designed to meet the hygienic needs of sterile rooms where controlling bacterial contamination is critical. Suitable for use in aseptic environments such as hospitals, operating theatres, laboratories, and corridors, Ermetica provides a high level of protection through its robust and sealed design. The prismatic diffuser and high-quality glass ensure uniform light distribution, reducing glare and enhancing visual comfort. Additionally, the advanced LED technology offers powerful, efficient lighting while keeping energy costs low. Designed to meet the unique requirements of sectors that demand strict hygiene standards, Ermetica with diffuser delivers exceptional lighting performance and quality, making it the ideal solution for environments requiring the highest level of cleanliness and efficiency.



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PHOTOMETRIC DATA



Lighting source	LED
CRI	90
Luminous flux (output) (lm)	4700 lm
Power absorption (total) (W)	44 W
CCT	4000 K
Luminous efficacy (lm/W)	107 lm/W
Unified glare rating UGR (EN 12464-1) (Reflectance coefficient: ceiling 0.7 - walls 0.5)	UGR<19, according to standard EN 12464.
Low Flicker	luminaire with very low flicker: evenly distributed light for greater visual safety.
LED flux maintenance	50000 hr, L 90, B 10

MECHANICAL CHARACTERISTICS

Impact resistance rating (IK)	IK08
IP	65



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MATERIALS AND COLOURS

Housing	in pressed steel sheet with frame in anodised extruded aluminium.
Diffuser	tempered glass, 4 mm thick, resistant to thermal shock and impact (UNI EN 12150-1:2001).
Coating	polyester powder, UV stabilized for aseptic environments.
Colour	Anodised
Equipment	with frame and gasket.

EMERGENCY LIGHTING

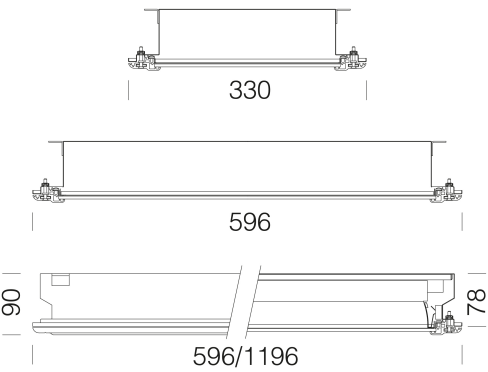
Emergency power supply type	Not present
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STANDARDS AND COMPLIANCE

Photobiological safety class	RG0
Markings and tests	CE
Reference standards	EN60598-1. They have a degree of protection according to the EN60529 standard.
Energy Label	B

WARRANTY

After sales warranty	5 yr
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DOWNLOAD

DESIGNS

BIM 846 Ermetica 03-25.zip

TechnicalDrawing ermetica-24.dxf

