



CALMETTE

All stainless-steel recessed with rear panel opening for controlled atmosphere zones



An original top-opening recessed LED light, the CALMETTE is ideal for lighting controlled atmosphere zones. Suited to the strict hygiene conditions in food industry environments, the smooth surface of its ultra-hermetic front panel, composed of a stainless-steel frame and PMMA glass with high mechanical and chemical resistance, prevents any build-up of particles. Its rear panel, which can be dismantled for maintenance operations, is fitted with a high-resistance disconnect connector, offering real-time savings for installation.



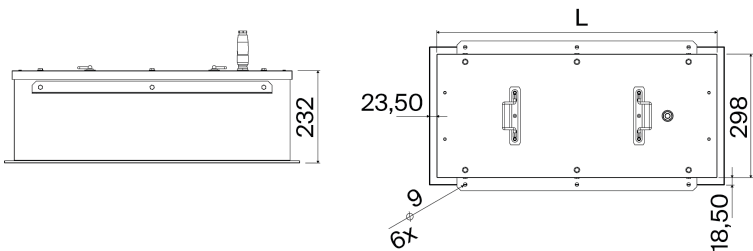


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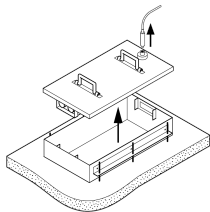


Sammode



Lighting for clean rooms

Access from above, outside the process area, PMMA protective cover, CRI80, 4000K



Flux (lm)	LxHxH (mm)	Designation	Code	Watt
3600	677x298x232	CAL 22H840 ME PS3	17140020	32
7200	1277x298x232	CAL 24H840 ME PS3	17140040	61
9000	1577x298x232	CAL 25H840 ME PS3	17140060	77

Model equipped with a removable top cover and a waterproof disconnectable plug for safe maintenance outside of the production area

Options

Disconnectable plugs	Materials	Color temperature		
IP68/69K quick-lock plug with threaded ring (capacity: Ø8 to 10 mm)	Cover in PMMA IK09 (650°C)	ME	3000K	830
	Cover in Polycarbonate IK10 (850°C)		4000K	840
	Frame in Stainless Steel 304L	PO	5000K	850
	Frame in Stainless Steel 316L	-		
		MR	Lighting management	
			Electronic gear unit for DALI dimming	RD



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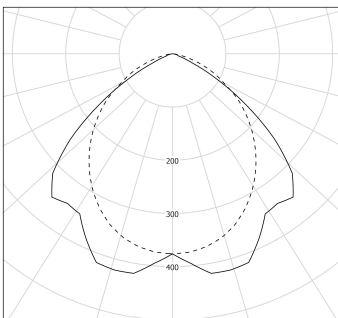


Sammode

Specification



Photometry



cd/klm
CO - C180 - - - C90 - C270
1% = 100%

Technical characteristics

Light source	High-efficiency removable LED module (CRI>80, 3 SDCM) 70 000 h L80/B10 at max. operating temperature Photobiological hazard : None (RG0)
Optics	Specific satin-finish primary diffuser optics Reflector in mirror-finish aluminium
Lighting comfort	UGR ≤ 22
Heat management	Aluminium heat sink
Control gear	High reliability constant current output driver, mechanically and thermally reinforced. Resistance to overload: 320 V AC, 48 h Supports voltage spikes < 4 kV Compatible with neutral TN, TT and IT arrangements with no limitations Electronic compatible with central source
Supply voltage	198-264V 0/50/60Hz
Electrical class	Class I
Operating temperature	-20°C to +40°C

Easy intallation and maintenance

Connection	With disconnectable plug Ø 8 to 10 mm cable (3 × 1,5 mm ²)
Mounting	Embedding by insertion from the bottom into the loadbearing ceiling Drilling dimensions according to the version : 681x302mm / 1281x302mm / 1581x302mm Thickness of the ceiling: max. 150 mm Plucking into the ceiling by iron angle sections in Stainless Steel and threaded rods
LED engine maintenance	Easily removable LED modules and driver Casing in 2 parts enabling the maintenance from above Removable top cover with gear tray

Materials

Protective cover	Fixed methacrylate glazing, compatible with detergent products, framed in a stainless-steel surround
Frame	304L stainless steel
Casing, top cover	White coated steel sheet Embedding in sandwich panels without supplementary fire safety
Gaskets	Neoprene

Standards

Waterproofness	Bottom (clean room): IP66, IP68 Top (maintenance): IP65
Resistance to IK shocks	IK09
Fire resistance	650°C
Vibration resistance	Meets the severe application requirements of standard EN 60598-1 (tested according to IEC 60068-2-6)