

FRESNEL

Tube ø133 for high-ceilinged industrial atmospheres



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What if the most durable solution for lighting a 10 m-high space were a tube light? Totally hermetic, easy to install and to clean with no risk of loss of parts, and resistant to corrosive agents thanks to its stainless-steel end pieces and its composite housing, the FRESNEL is much more durable than a traditional industrial spotlight. Its light engine, insensitive to temperature rises and voltage peaks, is equipped with a high-efficiency intensive lens, for powerful and highly energy-efficient lighting.



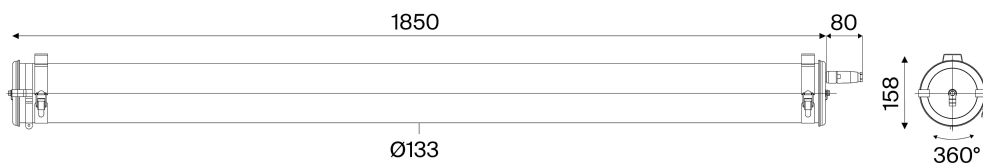


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Sammode



Disconnectable quick-lock plug version

CRI80, 4000K, elliptical beam, special for high-ceilinged spaces



Flux (lm)	L (mm)	Designation	Code	Watt
11100	1850	FRE133 26H840 POME PS3 BRS	32115035	75

One-piece housing, impervious to vibrations, 100% removable and upgradable (Screw system).

Options

Cable entry	Fixing straps	Color temperature
		3000K 830 4000K 840 5000K 850
Cable gland		Lighting management
Polyamide capacity Ø5-12mm 113 Polyamide capacity Ø7-14mm 116 Nickel-coated brass capacity Ø5-14 mm 113LN	Reinforced fixing straps Reinforced fixing straps with HSHC screw	Electronic gear unit for DALI dimming RD
Disconnectable plugs	Materials	
IP68/69K quick-lock plug with threaded ring (capacity: Ø8 to 10 mm) PS3	Polycarbonate housing PO Coextruded polycarbonate/PMMA housing with high chemical resistance POME End caps & fixing straps 304L stainless steel - End caps & fixing straps 316L stainless steel MR	

Accessories

To be ordered separately



1m HO7-RNF pre-wired cable 3G1,5²

Stripped free end	CAB0080
Wieland® plug IP68/IP69K (capacity : Ø10-14mm)	CAB0095
Wieland® plug and Y splitter for loop-in/out	CAB0145
Other lengths: consult us	

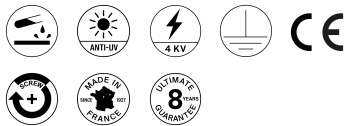


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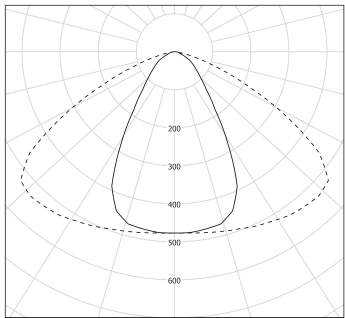
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Specification



Photometry



cd/klm
C0 - C180 --- C90 - C270

ULR=0%
FC3=98%

Technical characteristics

Light source	High-efficiency removable LED module (3 SDCM) 70 000 h L80/B10 at max. operating temperature
Optics	Intensive linear lens (elliptical) for high-ceilinged spaces
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 +50°C

Easy intallation and maintenance

Connection	With disconnectable plug Ø 8 to 10 mm cable (3 × 1,5 mm ²)
Mounting	Attachement with 2 bolt-fitted stainless steel straps with variable center distance and 360° orientation
LED engine maintenance	Easily removable LED modules and driver Opening by releasing the 2 closing screws, removing the end cap and extracting the gear tray

Materials

Housing	Special polycarbonate housing protected from UV, solvents, hydrocarbons and cleaning agents by a coextrusion of PMMA
End caps and fixing straps	304L stainless steel
Gaskets	Peroxide-cured EPDM
Method of construction	Housing in one piece with high mechanical and chemical resistance Long-lasting imperviousness by axial screw fitting

Standards

Waterproofness	IP66, IP68, IP69K
Resistance to IK shocks	IK10
Fire resistance	650°C
Vibration resistance	Meets the severe application requirements of standard EN 60598-1 (tested according to IEC 60068-2-6)