

# 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.



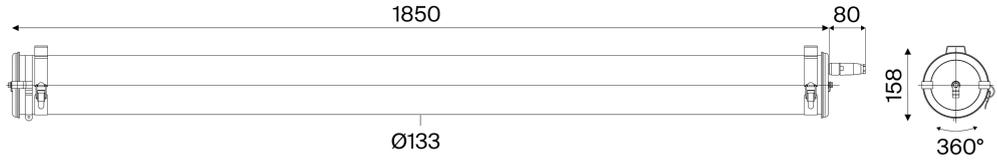


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Sammode



## 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



### Cable gland

Polyamide capacity Ø5-12mm 113  
 Polyamide capacity Ø7-14mm 116  
 Nickel-coated brass capacity Ø5-14 mm 113LN

### Disconnectable plugs

IP68/69K quick-lock plug with threaded ring (capacity: Ø8 to 10 mm) PS3

### Fixing straps



Reinforced fixing straps  
 Reinforced fixing straps with HSHC screw

### Materials

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

### Color temperature

3000K 830  
 4000K 840  
 5000K 850

### Lighting management

Electronic gear unit for DALI dimming RD

## Accessories

To be ordered separately



1m HO7-RNF pre-wired cable 3G1,5²

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



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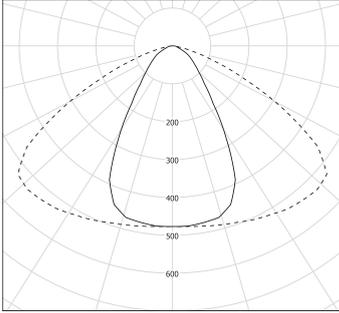


Sammode

## Specification



## Photometry



### 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 x 1,5 mm <sup>2</sup> )
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)