

# Fresnel

Technology	LED
Max. temp.	50 °C
Light output	9500 lm
Control gear	«Industry» rated



## Key features

Plug&Play-installation by disconnectable Plug
Suitable for industrial environments
Very high resistance to vibrations
Very high resistance to corrosion
Durable and maintainable luminaire



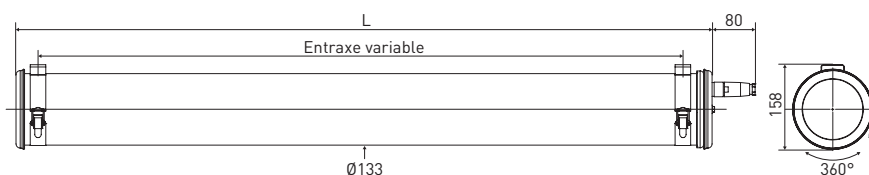
## Options

Code

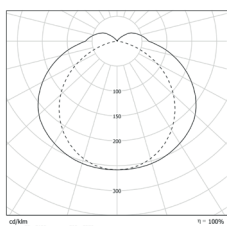
<b>Control gears</b>	
Electronic gear unit for DALI dimming	RD
<b>Color temperature</b>	
3000K	830
5000K	850
<b>Housing</b>	
Housing in polycarbonate	PO
<b>Finishings</b>	
End caps and fixing straps in Stainless Steel 316 L	MR
<b>Disconnectable output cord with IP68 Plug (length 0,80 m)</b>	
Output cord with a 3 pole WIELAND Plug	CW3

## Specifications

Lumens (lm)	Designation	Part No.	Cons. (W)	T (K)	L (mm)
1850	FRE133 16H830 POME PS3 BRS	32110010	81	3000	1850
	FRE133 16H840 POMEPS3 BRS	32110020		4000	



## Photometry



## Spécifications

Technical Data	
Light source	High efficiency LED modules (150 lm/W) LED modules for high temperature 70 000 h L80/B50 at max. operating temperature Replaceable LED modules CRI > 80
Optic	Light mixing chamber Intensive linear lens
Heat management	Heatsink in aluminium
Control gear	Resistant electronic driver, «Industry» rated (non-dimmable) Resistance to voltage surge: 320 V AC, 48 h Supports voltage peaks < 4 kV
Power supply	220-240 V 50/60 Hz
Electrical class	Class I
Operating temperature	-20 °C to +50°C
Connection	Disconnectable plug Ø cable 8-10 mm (3 × 1,5 mm <sup>2</sup> )
Fixing	2 reinforced Stainless Steel fixing straps
Method of construction	Housing in one piece with reinforced imperviousness and chemical resistance Long-lasting imperviousness by axial screw fitting
Materials	
Housing	Polycarbonate protected by a coextruded layer of PMMA
End caps, fixing straps	Stainless steel 304L
Gaskets	EPDM
Standards	
Imperviousness	IP66, IP68, IP69K
Shock resistance	IK10
Fire resistance	650 °C
Vibration resistance	Meets the standard EN 60598-1 (tested according to CEI 60068-2-6)