

# 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            |

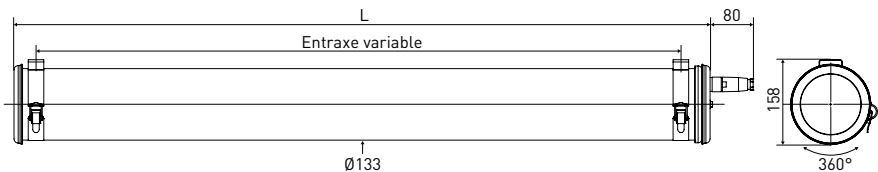


## Options

|  | 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) |
|-------------|----------------------------|----------|-----------|-------|--------|
| 9500        | FRE133 16H830 POME PS3 BRS | 32110010 | 81        | 3000  | 1850   |
|             | FRE133 16H840 POMEPS3 BRS  | 32110020 | 4000      |       |        |



## Specifications

| Technical Data          |   |
|-------------------------|---|
| Light source            | High efficiency LED modules (150 lm/W)<br>LED modules for high temperature<br>70 000 h L80/B50 at max. operating temperature<br>Replaceable LED modules<br>CRI > 80 |
| Optic                   | Light mixing chamber<br>Intensive linear lens   |
| Heat management         | Heatsink in aluminium   |
| Control gear            | Resistant electronic driver, «Industry» rated (non-dimmable)<br>Resistance to voltage surge: 320 V AC, 48 h<br>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 mm²)   |
| Fixing                  | 2 reinforced Stainless Steel fixing straps  |
| Method of construction  | Housing in one piece with reinforced imperviousness and chemical resistance<br>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)   |

## Photometry

