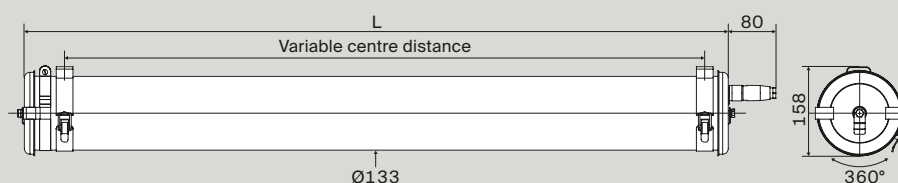


# Fresnel 133

|              |                  |
|--------------|------------------|
| Technology   | LED              |
| Max. temp.   | 50 °C            |
| Light output | 9500 lm          |
| Control gear | "Industry" rated |

AF0719



## 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

|   |    |
|---|----|
| <b>Finishings</b>                                   |    |
| End caps and fixing straps in Stainless Steel 316 L | MR |
| <b>Housing</b>                                      |    |
| Housing in Polycarbonate                            | PO |

## Specifications

| Lumens | Designation                | Part No.  | Cons. (W) | Optic | T (K) | L (mm) |
|--------|----------------------------|-----------|-----------|-------|-------|--------|
| 9500   | FRE133 16H830 POME PS3 BRS | 3211 0010 | 81        |       | 3000  | 1850   |
|        | FRE133 16H840 POME PS3 BRS | 3211 0020 |           |       | 4000  |        |

\* Light output of the luminaire

## Specifications

| <b>Technical data</b>        |  |
|------------------------------|--|
| Light source                 | <ul style="list-style-type: none"> <li>High efficiency LED modules (150 lm/W)</li> <li>LED modules for high temperature</li> <li>50 000 h L80/B50 at max. operating temperature</li> <li>Replaceable LED modules</li> <li>CRI &gt; 80</li> </ul> |
| Optic                        | <ul style="list-style-type: none"> <li>Light mixing chamber</li> <li>Intensive linear lens</li> </ul>  |
| Heat management              | Heatsink in aluminium  |
| Control Gear                 | <ul style="list-style-type: none"> <li>Resistant electronic driver, "Industry" rated (non-dimmable)</li> <li>Resistance to voltage surge: 320 V AC, 48 h</li> <li>Supports voltage peaks &lt; 4 kV</li> </ul>                                    |
| 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       | <ul style="list-style-type: none"> <li>Housing in one piece with high mechanical and chemical resistance</li> <li>Long-lasting imperviousness by axial screw fitting</li> </ul>  |
| <b>Materials</b>             |  |
| Housing                      | Polycarbonate protected by a coextruded layer of PMMA  |
| End caps, fixing straps, ... | Stainless Steel 304L   |
| Gaskets                      | EPDM   |
| <b>Standards</b>             |  |
| Imperviousness               | IP66, IP68 and IP69K   |
| Shock resistance             | IK10   |
| Fire resistance              | 650 °C   |
| Vibration resistance         | Meets the severe application requirements of the standard EN 60598-1 (tested according to CEI 60068-2-6)   |