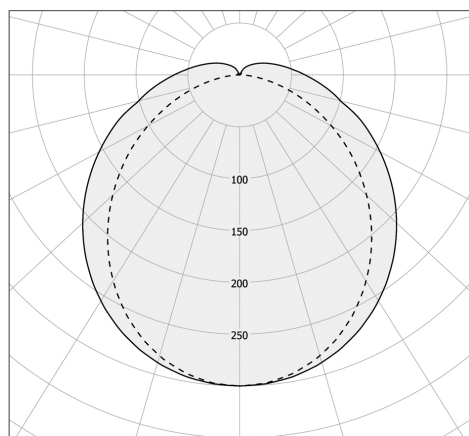


## Description

- BERING 100 tubular light fitting for very low-temperature lighting
- Satin-finish diffuser
- End-caps ½ ring press-formed
- Diffuser Ø100mm in polycarbonate, protected from UV, solvents, hydrocarbons and cleaning agents by a coextrusion of methacrylate
- Single-piece housing with high mechanical and reinforced seal
- White powder-coated mounting plate
- Passive heat sink in aluminium
- Very low temperature moulded silicone gaskets

## Light specifications and controlling

- High efficiency replaceable LED modules (IRC>80, 70 000 hours L80/B10@Tmax)
- Luminous flux: 5550 lm
- Colour temperature: 4000K
- Light mixing chamber
- Non-dimmable LED driver for very low-temperature lighting

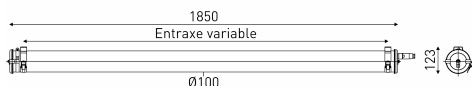


cd/klm  
— C0 - C180    - - - C90 - C270

η = 100%

## Installation and maintenance

- Diameter: 100 mm
- Total length: 1850 mm
- 13x1,5mm<sup>2</sup> disconnectable plug lockable with threaded ring (capacity: Ø8 to 11 mm)
- Connection with disconnectable plug 3x1,5mm<sup>2</sup>
- 2 reinforced fixing straps in stainless steel with variable centre distance and allowing 360° orientation
- Maintenance by releasing the 2 closing screws, removing the end cap and extracting the gear tray



## Characteristics

- Warranty : 8 years 24/7 use at max temp
- Operating temperature: -40°C to +35°C
- Protection: IP66/IP68/IP69K
- Resistance to IK shocks: IK10
- Class I
- Supply voltage: 220-240V 0/50/60Hz
- Power consumption: 40 W
- Luminous efficacy: 138,7 lm/W
- Power factor > 0,9
- THD: 10,5 %
- Inrush current - Ipeak: 4 A
- Peak duration - Twidth: 1300 µs
- Number of luminaires on automat type B16: 32 pcs
- T°C with incandescent wires: 650°C
- Vibration resistance: Meets the severe application requirements of the standard EN 60598-1 (tested according to CEI 60068-2-6)
- Weight: 4,4 kg
- Designed and made in France

