

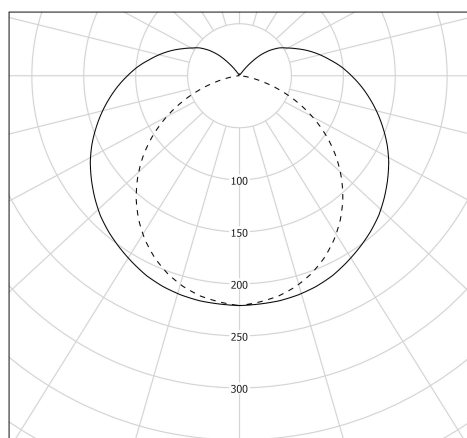


## Description

- BOYLE 100 tubular light fitting for explosive environments, Zone 2 (Gaz) or Zones 21&22 (Dusts) classified
- End-caps ½ ring press-formed
- Optical diffuser
- Ø100 mm borosilicate-glass diffuser
- Single-piece housing with high mechanical and reinforced seal, silicone-free
- White powder-coated mounting plate
- Passive heat sink in aluminium
- Moulded EPDM gaskets

## Light specifications and controlling

- High efficiency replaceable LED modules (IRC>80, 70 000 hours L80/B10@Tmax)
- Luminous flux: 4625 lm
- Colour temperature: 4000K
- Light mixing chamber
- Resistant LED driver 'Industry', non-dimmable
- Compatible with neutral TN, TT and IT arrangements with no limitations

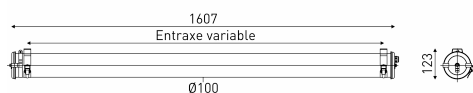


cd/klm  
— C0 - C180    - - - C90 - C270

η = 100%

## Installation and maintenance

- Diameter: 100 mm
- Total length: 1607 mm
- 1 ATEX polyamide cable gland (capacity: Ø8 to 13 mm)
- Connection to 3x2,5mm<sup>2</sup> detachable terminal block
- 2 reinforced fixing straps in stainless steel with variable centre distance and allowing 360° orientation
- Off-load opening in an explosive environment
- 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: -20°C +50°C
- Protection: IP66/IP68/IP69K
- Resistance to IK shocks: IK07
- Class I
- Supply voltage: 220-240V 0/50/60Hz
- Power consumption: 37 W
- Luminous efficacy: 125 lm/W
- Power factor > 0,95
- THD: 7,3 %
- Inrush current - Ipeak: 5 A
- Peak duration - Twidth: 1000 µs
- T°C with incandescent wires: non-flammable
- Number of luminaires on automat type B16: 32 pcs
- Vibration resistance: Meets the severe application requirements of the standard EN 60598-1 (tested according to CEI 60068-2-6)
- Weight: 7,6 kg
- ATEX approved (Licenses INERIS 15ATEX3002X/INERIS 15ATEX0005X)
- II 3G Ex ec IIC T4 Gc (Zone 2) - II 2D Ex tb IIIC T70°C Db IP66/IP68 (Zones 21&22)
- IECEx approved (License IECEx INE 15.0014X)

- Designed and made in France