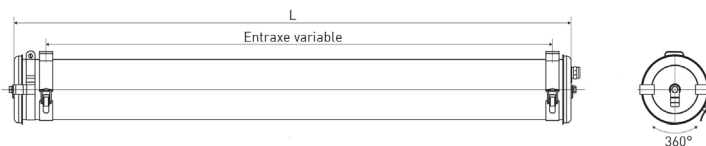


# Boyle

ATEX zones Zone 2 – 21/22

Environment Extreme

Light output 1850 lm to 9250 lm



## Key features

Resistant to aggressive chemical environments

High-intensity vibration resistance

Durable and maintainable luminaire



## Principal part numbers

Light output (lm)	Designation	Code	Power (W)	L (mm)	Weight (Kg)
1850	BOY100 12H840 PY BRS 213-10	1983 5100	16	697	3,0
2775	BOY100 13H840 PY BRS 213-10	1983 5200	23	1007	4,9
4625	BOY100 15H840 PY BRS 213-10	1983 5300	37	1607	7,6
5550	BOY133 23H840 PY BRS 213-10	1984 5100	44	987	8,3
9250	BOY133 25H840 PY BRS 213-10	1984 5200	75	1587	10,5

## Specifications

### Options

#### Colour temperature:

3000K	830
5000K	850

Housing: Polycarbonate PO

Coextruded PO/PMMA POME

#### Cable entries:

1 polyamide cable gland	
Ø8-13 mm	113
Ø10-15 mm	116
2 polyamide cable glands including one blind plug	
Ø10-15 mm	216-10

#### Connection:

5-point terminal block for phase balancing C5P

Finishings: Stainless steel 316 L MR

Fixing: reinforced fixing straps with HSHC screw BRV

### Accessoires

Protective cover p.14

Fixings for columns p. 14

### Materials

Housing Borosilicate glass

End caps, fixings straps Stainless Steel 304L

Gaskets EPDM

Light source	High performance and removable driver and LED modules Lifespan @Ta max : 50 000h L80B50
Heat management	Heatsink in aluminium
Optic	Optical diffuser
Colour temperature	4000K
Control gear	constant current output driver
Power supply	220-240V 50/60Hz
Operating temperature	-20°C to +40°C
Electrical class	Class I
Connection	Connection to a 3x2,5mm <sup>2</sup> terminal block 2 cable glands in black polyamide (Ø8-13 mm) including 1 blind plug
Fixings	Attachment with 2 bolt-fitted stainless steel straps with variable center distance and 360° orientation
Method of construction	Housing in one piece with high mechanical and chemical resistance Long-lasting imperviousness by axial screw fitting

## Standards

ATEX / IECEx IEC 60079-0, IEC 60079-15, IEC 60079-31

Marking II 3G Ex nA IIC T4 Gc / II 2D Ex tb IIIC T80°C Db IP66/IP68

Imperviousness IP66, IP68, IP69K

Shock resistance IK07

Fire resistance Non-flammable