

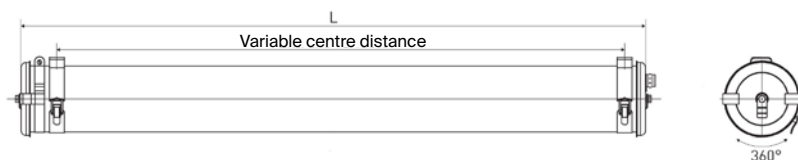
Boyle

ATEX zones	Zone 2 - 21/22
Environement	Extreme
Flux	1850 to 9250 lm



Key features

Resistant to aggressive chemical environments
High-intensity vibration resistance
Durable and maintainable luminaire



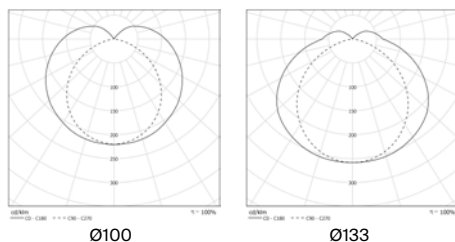
Options

Colour temperature:	
3000K	830
5000K	850
Housing:	
Polycarbonate	PO
Coextruded PO/PMMA	POME
Cable entries:	
1 polyamide cable gland Ø8-13 mm	113
1 polyamide cable gland 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

Accessories

Protective roof	p.14
Fixings for columns	p.14

Photometry



Principal part numbers

Light output (lm)	Designation	Code	P (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

Light source	High performance and removable driver and LED modules Lifespan @Ta max : 50 000h L80B50
Heat management	Heatsink in aluminium
Optic	Optical diffuser
Color temperature	4000K
Control gear	Constant current output driver
Power supply	220-240 V 50/60 Hz
Operating temperature	-20 °C to +40 °C
Electrical class	Class I
Connection	Connection to a 3x2,5mm² 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

Materials

Housing	Borosilicate glass
End caps, fixings straps	Stainless Steel 304L
Gaskets	EPDM

Normes

ATEX / IECEx	IEC 60079-0, IEC 60079-15, IEC 60079-31
Marking	II 3G Ex nA IIC T4 Gc / II 2D Ex tb IIIC T65°C Db IP66/IP68
Imperviousness	IP66, IP68, IP69K
Shock resistance	IK07
Fire resistance	Non-flammable