



CROOKES

Borosilicate glass tube ø100 and ø133 for highly corrosive atmospheres



Humidity, acid vapours, extreme soiling, fine and abrasive dust... for the most corrosive and most polluted atmospheres, Sammode has designed the CROOKES. Its non-flammable casing, made entirely of stainless steel and borosilicate glass, and ultra-hermetic thanks to its axial locking system, combined with a high-efficiency LED light source, make this an industrial luminaire that is built to last. And since Sammode leaves nothing to chance, each part is designed to be able to be dismantled and replaced very easily, directly on site.



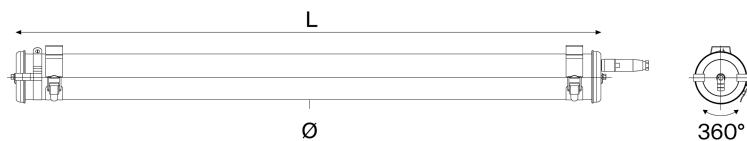


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Sammode



Disconnectable quick-lock plug version

CRI80, 4000K



All 316L stainless steel version, ultimate chemical resistance

CRI80, 4000K

Ø (mm)	Flux (lm)	L (mm)	Designation	Code	Watt
100	1850	697	CRO100 12H840 PY PS3 BRS	31060020	14
	2775	1007	CRO100 13H840 PY PS3 BRS	31060040	22
	3700	1307	CRO100 14H840 PY PS3 BRS	31065040	28
	4625	1607	CRO100 15H840 PY PS3 BRS	31060060	34
133	5550	987	CRO133 23H840 PY PS3 BRS	32060020	43
	7325	1287	CRO133 24H840 PY PS3 BRS	32065045	57
	9250	1587	CRO133 25H840 PY PS3 BRS	32060040	70

One-piece housing, impervious to vibrations, 100% removable and upgradable (Screw system).

Ø (mm)	Flux (lm)	L (mm)	Designation	Code	Watt
100	1850	697	CRO100 12H840 PY 113INOX MR BRS	31065059	14
	2775	1007	CRO100 13H840 PY 113INOX MR BRS	31065056	22
	3700	1307	CRO100 14H840 PY 113INOX MR BRS	31065057	28
	4625	1607	CRO100 15H840 PY 113INOX MR BRS	31065060	34
133	5550	987	CRO133 23H840 PY 113INOX MR BRS	32065064	43
	7325	1287	CRO133 24H840 PY 113INOX MR BRS	32065066	57
	9250	1587	CRO133 25H840 PY 113INOX MR BRS	32065067	70

One-piece housing, impervious to vibrations, 100% removable and upgradable (Screw system).

Options

Cable entry	Fixing straps	Color temperature
		3000K 830 4000K 840 5000K 850
Cable gland		Lighting management
Polyamide capacity Ø5-12mm 113 Polyamide capacity Ø7-14mm 116 Nickel-coated brass capacity Ø5-14 mm 113LN	Reinforced fixing straps Reinforced fixing straps with HSHC screw	BRS Electronic gear unit for DALI dimming RD BRV
Disconnectable plugs	Materials	
IP68/69K quick-lock plug with threaded ring (capacity: Ø8 to 10 mm) PS3	End caps & fixing straps 304L stainless steel End caps & fixing straps 316L stainless steel	- MR

Accessories

To be ordered separately

1m HO7-RNF pre-wired cable 3G1,5 ² Stripped free end CAB0080 Wieland® plug IP68/IP69K (capacity : Ø10-14mm) CAB0095 Wieland® plug and Y splitter for loop-in/out CAB0145 Other lengths: consult us	Folded 316L stainless steel protective cover Length 800mm CP00565 Length 1100mm CP00596 Length 1400mm CP00566 Length 1700mm CP00567 Drill at the site with the required centre distance	316L stainless steel column mounting fixing strap Adapter ø1"1/4 (=42mm) CP01239 Adapter ø1"1/2 (=49mm) CP01238 Adapter ø2" (=60mm) CP01237 To order by 2



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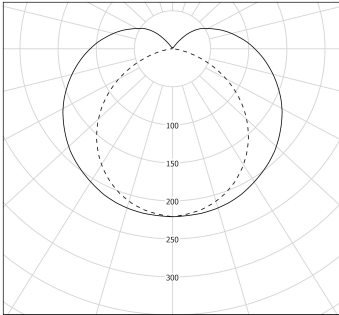


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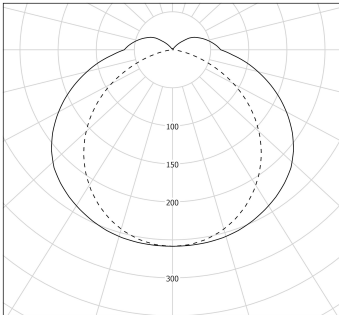
Specification



Photometry



Diameter 100



Diameter 133

Technical characteristics

Light source	High-efficiency removable LED module (CRI>80, 3 SDCM) 70 000 h L80/B10 at max. operating temperature Photobiological hazard : None (RG0)
Optics	Specific satin-finish primary diffuser optics
Heat management	Aluminium heat sink
Control gear	Constant current driver Electronic compatible with central source
Supply voltage	220-240V ±10% 0/50/60Hz
Electrical class	Class I
Operating temperature	-20°C to +35°C

Easy installation and maintenance

Connection	Version with 3-pole plug : disconnectable plug for Ø 8 to 10 mm cable (3 x 1.5 mm²) 113INOX version : 316L stainless steel cable gland for cable Ø 7-13 mm, to a 3 x 2,5 mm² disconnectable terminal block
Mounting	Attachment with 2 bolt-fitted stainless steel straps with variable center distance and 360° orientation
LED engine maintenance	Easily removable LED modules and driver Opening by releasing the 2 closing screws, removing the end cap and extracting the gear tray

Materials

Housing	Borosilicate-glass
End caps and fixing straps	304L stainless steel (except MR version in 316L stainless steel)
Gaskets	Peroxide-cured EPDM
Method of construction	Housing in one piece with high mechanical and chemical resistance Long-lasting imperviousness by axial screw fitting

Standards

Waterproofness	IP66, IP68, IP69K
Resistance to IK shocks	IK07
Fire resistance	Non-flammable
Vibration resistance	Meets the severe application requirements of standard EN 60598-1 (tested according to IEC 60068-2-6)