

# SABATIER Xtrem

Borosilicate glass tube ø133 for extreme or highly corrosive ATEX zone 1 atmosphere



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Installing safe lighting equipment in an explosive environment is a non-negotiable requirement. On this basis, Sammode designed the SABATIER luminaire, with T5 Gas certification, for intensive use at 50°C. This model can withstand vibrations and chemical attacks in all circumstances thanks to its 5 mm borosilicate glass. The SABATIER is fitted with a cable gland and an ATEX pluggable lead. A wide range of power options are available, providing durable lighting for any zone, no matter how extreme.



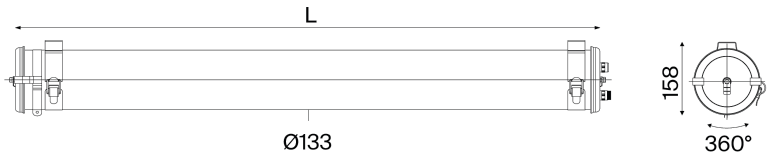


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## 2 cable glands version

CRI 80, 4000K

Ø (mm)	Flux (lm)	L (mm)	Designation	Code	Watt
133	2000	677	SAB133 700 2000-840 PY 213 BRS	19910802	21
	3100		SAB133 700 3100-840 PY 213 BRS	19910806	28
	4100	1287	SAB133 1300 4100-840 PY 213 BRS	19910818	35
	6200		SAB133 1300 6200-840 PY 213 BRS	19910895	52
	5100	1587	SAB133 1600 5100-840 PY 213 BRS	19910833	41
	7700		SAB133 1600 7700-840 PY 213 BRS	19910837	65

One-piece housing, impervious to vibrations, 100% removable (Screw system). Marking II 2G Ex eb mb IIC T5 Gb - II 2D Ex tb IIIC T80°C Db IP66

## 1 cable gland version

CRI 80, 4000K

Ø (mm)	Flux (lm)	L (mm)	Designation	Code	Watt
133	2000	677	SAB133 700 2000-840 PY 113 BRS	19910800	21
	3100		SAB133 700 3100-840 PY 113 BRS	19910804	28
	4100	1287	SAB133 1300 4100-840 PY 113 BRS	19910816	35
	6200		SAB133 1300 6200-840 PY 113 BRS	19910820	52
	5100	1587	SAB133 1600 5100-840 PY 113 BRS	19910831	41
	7700		SAB133 1600 7700-840 PY 113 BRS	19910835	65

One-piece housing, impervious to vibrations, 100% removable (Screw system). Marking II 2G Ex eb mb IIC T5 Gb - II 2D Ex tb IIIC T80°C Db IP66

## Atex disconnectable cable

HO7-RNF pre-wired with a Marechal® PNCX plug. Order separately for this service.



Cord length (m)	Designation	Code
0,1	CABL HO7RNF-BK ATEX-PLUG 0,1M 3G1.5	CAB0141
1	CABL HO7RNF-BK ATEX-PLUG 1M 3G1.5	CAB0130
3	CABL HO7RNF-BK ATEX-PLUG 3M 3G1.5	CAB0143

Male IP67/IP69 5A 250V end connectors + free female connector supplied, Ø10-14 mm. Marking II 2 G D Ex eb IIC T6 Gb - Ex tb IIIC T72 °C Db.

## Options

Cable entry	Fixing straps	Color temperature
		4000K 840
<b>1 cable gland</b>		
Polyamide capacity Ø8-13 mm	113	Reinforced fixing straps BRS
Polyamide capacity Ø10-15 mm	116	Reinforced fixing straps with HSHC screw BRV
Nickel-coated brass capacity Ø5-14 mm	113LN	
<b>2 cable glands including one blind plug</b>		
Polyamide capacity Ø8-13 mm	213	Borosilicate glass housing (IK07) PY
Polyamide capacity Ø10-15 mm	216	Coextruded polycarbonate/ PMMA housing IK10 POME
Nickel-coated brass capacity Ø5-14 mm	213LN	End caps & fixing straps 304L stainless steel -
		End caps & fixing straps 316L stainless steel MR



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## Accessories

To be ordered separately



304L stainless steel extension strap for offset fastening (up to 30 cm away)

1 fixing strap ø133 CP00949  
Screw version and 316L version : consult us



Folded 304L stainless steel protective cover

Length 800mm  
Length 1400mm  
Length 1700mm  
Drill at the site with the required centre distance

Also available in 316L : consult us



304L stainless steel column mounting fixing strap

Adapter ø1"1/4 (=42mm)  
Adapter ø1"1/2 (=49mm)  
Adapter ø2" (=60mm)  
To order by 2

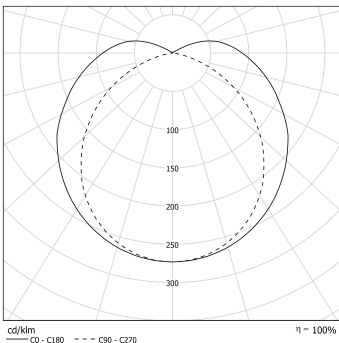
Also available in 316L : consult us

PU4321  
PU4083  
PU4082

## Specification



## Photometry



## Technical characteristics

Light source	High-efficiency removable LED module (CRI>80, 3 SDCM) 50 000 h L80/B10 at max. operating temperature
Optics	Specific satin-finish primary diffuser optics
Heat management	Aluminium heat sink
Control gear	High reliability constant current output driver, mechanically and thermally reinforced. Compatible with neutral TN, TT and IT arrangements with no limitations Electronic compatible with central source
Supply voltage	198-264V 0/50/60Hz
Electrical class	Class I Stud welded to the input end cap for any bonding connections
Operating temperature	-20°C to +50°C

## Easy intallation and maintenance

Connection	With ATEX polyamide cable gland for Ø8 to 13 mm cable 1 cable gland version : to a 3 x 2,5 mm <sup>2</sup> terminal block 2 cable glands version : to 5x2,5mm <sup>2</sup> double deck terminal block
Mounting	Attachement with 2 bolt-fitted stainless steel straps with variable center distance and 360° orientation
LED engine maintenance	Easily removable LED modules and driver Off-load opening in an explosive environment

## Materials

Housing	Borosilicate-glass
End caps and fixing straps	304L 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

ATEX / IECEx	IEC 60079-0, IEC 60079-7, IEC 60079-18, IEC 60079-31
Marking	II 2G Ex eb mb IIC T5 Gb - II 2D Ex tb IIIC T80°C Db IP66
Temperature class	T5 (Gaz)
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)