



# JAMIN

Tube ø100 and 133 for industrial ATEX zone 2, 21, 22 atmospheres



If you are stuck thinking that ATEX lights are necessarily heavy-duty and complex to install, check out JAMIN, the best solution Sammode can offer. Thanks to its patented sliding plate (Slide© system), this light is easy to install, entirely repairable and, above all, scalable! Despite its incredible lightness, this fitting is robust and durably impermeable and is highly resistant to corrosive agents and UV light thanks to its co-extruded composite diffuser. Guaranteed reliability and safety for your ATEX zone 2 or 21/22 atmospheres.



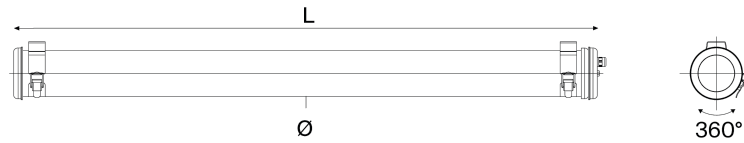


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Sammode



## 2 cable glands version

CRI80, 4000K

Ø (mm)	Flux (lm)	L (mm)	Designation	Code	Watt
100	1850	708	JAM100 12H840 POME 213 BRS	19875100	15
	2775	1018	JAM100 13H840 POME 213 BRS	19875200	22
	3700	1318	JAM100 14H840 POME 213 BRS	19875359	28
	4625	1618	JAM100 15H840 POME 213 BRS	19875300	34
133	5550	995	JAM133 23H840 POME 213 BRS	19885100	43
	7400	1295	JAM133 24H840 POME 213 BRS	19885257	57
	9250	1595	JAM133 25H840 POME 213 BRS	19885120	71

An easy-to-install and scalable model thanks to a sliding plate (Slide® system). Marking II 3G Ex ec IIC T4 Gc - II 2D Ex tb IIIC T70°C Db IP66/IP68.

## 1 cable gland version

CRI80, 4000K

Ø (mm)	Flux (lm)	L (mm)	Designation	Code	Watt
100	1850	708	JAM100 12H840 POME 113 BRS	19870020	15
	2775	1018	JAM100 13H840 POME 113 BRS	19870040	22
	3700	1318	JAM100 14H840 POME 113 BRS	19875358	28
	4625	1618	JAM100 15H840 POME 113 BRS	19870060	34
133	5550	995	JAM133 23H840 POME 113 BRS	19880020	43
	7400	1295	JAM133 24H840 POME 113 BRS	19885256	57
	9250	1595	JAM133 25H840 POME 113 BRS	19880040	71

An easy-to-install and scalable model thanks to a sliding plate (Slide® system). Marking II 3G Ex ec IIC T4 Gc - II 2D Ex tb IIIC T70°C Db IP66/IP68.

## 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
		3000K 830 4000K 840
<b>1 cable gland</b>		<b>Lighting management</b>
Polyamide capacity Ø8-13 mm 113	Reinforced fixing straps	Electronic gear unit for DALI dimming RD
Polyamide capacity Ø10-15 mm 116	Reinforced fixing straps with HSHC screw	
Nickel-coated brass capacity Ø5-14 mm 113LN		<b>Emergency lighting</b>
<b>2 cable glands including one blind plug</b>		1h Self contained Emergency Lighting Long life time LiFePO4 battery (for length = 995 mm) Tmax=30°C S1H
Polyamide capacity Ø8-13 mm 213	Polycarbonate housing	
Polyamide capacity Ø10-15 mm 216	Coextruded polycarbonate/ PMMA housing with high chemical resistance	
Nickel-coated brass capacity Ø5-14 mm 213LN	End caps & fixing straps 304L stainless steel	
	End caps & fixing straps 316L stainless steel	





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## Accessories

To be ordered separately



HO7-RNF pre-wired cable with an IP67/69 Marechal® PNCX Atex disconnectable plug

Several length available (6m max), 3 or 5 conductors : consult us



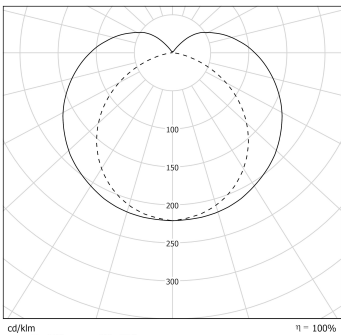
Kits for APSAD compliance

2 x 20 cm 304L stainless steel extensions	PU44277
2 x 20 cm 316L stainless steel extensions	PU47378
2 x 5 cm 304L stainless steel extensions	PU44278
2 x 5 cm 316L stainless steel extensions	PU45880

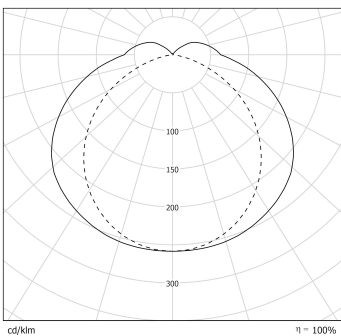
## Specification



## 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	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> disconnectable terminal block 2 cable glands version : to 5x2,5mm <sup>2</sup> detachable 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 Maintenance by removing the end cap and sliding the guided gear plate (Slide®)

## Materials

Housing	Special polycarbonate housing protected from UV, solvents, hydrocarbons and cleaning agents by a coextrusion of PMMA
End caps and fixing straps	304L stainless steel
Gaskets	Peroxide-cured EPDM
Method of construction	Housing in one piece with long-lasting imperviousness

## Standards

ATEX / IECEx	IEC 60079-0, IEC 60079-15, IEC 60079-31
Marking	II 3G Ex ec IIC T4 Gc - II 2D Ex tb IIIC T70°C Db IP66/IP68
Waterproofness	IP66, IP68, IP69K
Resistance to IK shocks	IK10
Fire resistance	650°C
Vibration resistance	Meets the severe application requirements of standard EN 60598-1 (tested according to IEC 60068-2-6)