

JAMIN

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



Sammode

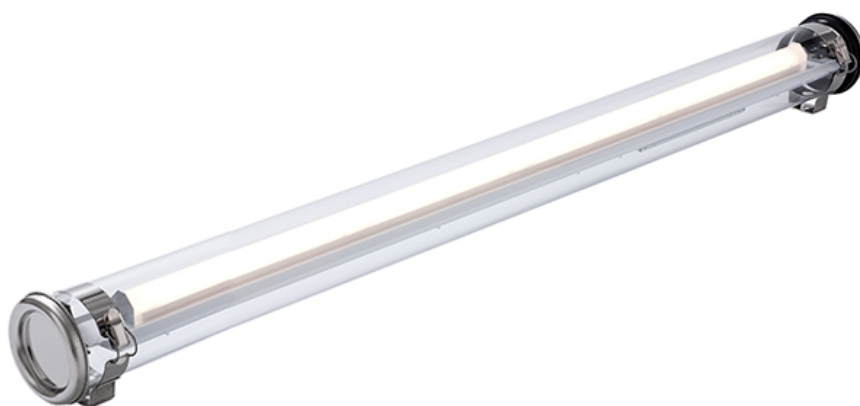


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If you are stuck thinking that ATEX lights are necessarily heavy-duty and complex to install, check out JAMIN, the best solution Sammode can offer. Thanks to its patented sliding plate (Slide© system), this light is easy to install, entirely repairable 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.



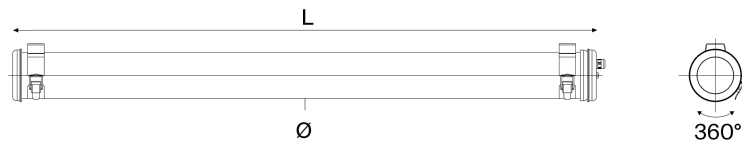


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2 cable glands version

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 T4 Gb - Ex tb IIIC T72 °C Db.

Options

| Cable entry | Fixing straps | Color temperature |
|--|--|---|
| | | 3000K 830 4000K 840 |
| 1 cable gland | | Lighting management |
| 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 | | Emergency lighting |
| 2 cable glands including one blind plug | | 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



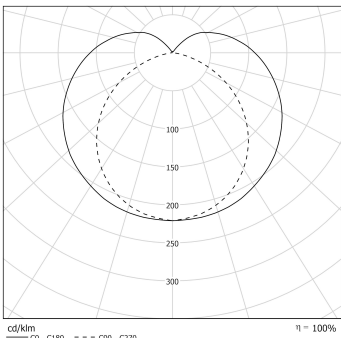
Kits for APSAD compliance

| | |
|---|---------|
| 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 |

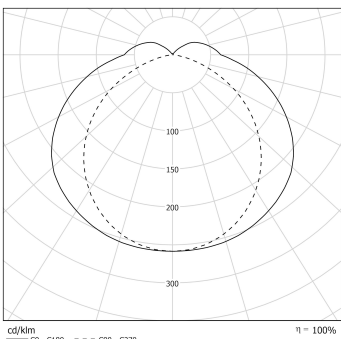
Specification



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 mm² disconnectable terminal block 2 cable glands version : to 5x2,5mm² 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) |