ALDER

Tube ø133 for industrial ATEX zone 1 atmospheres

Sammode

UNIPRO EON / Sugar factory Tereos Lillebonne

ALDER

Tube ø133 for industrial ATEX zone 1 atmospheres

Sammode

The ALDER luminaire benefits from an 8-year warranty in intensive operating conditions and is qualified for the worst possible substances thanks to its T6 classification. This model is primarily designed to make your life easier. This model is incredibly light and easy to install thanks to the sliding gear tray, and is also fitted with an impact-proof composite diffuser, able to withstand chemical damage and UVs. No need to choose between safety or convenience, Sammode offers you all this in one, with the ALDER.

MADE IN FRANCE SINCE 1927

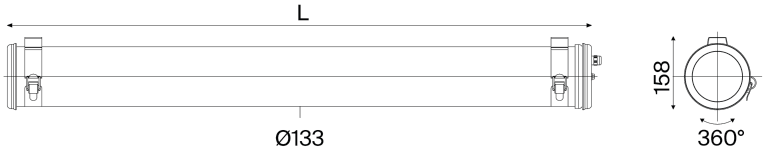
Ex Zone 1 - 2 21 - 22 IECEx

ULTIMATE 8 YEARS GUARANTEE

ALDER

Tube ø133 for industrial ATEX zone 1 atmospheres

Sammode



2 cable glands version

CRI 80, 4000K

Ø (mm)	Flux (lm)	L (mm)	Designation	Code	Watt
133	2000	685	ALD133 700 2000-840 POME 213 BRS	19905202	21
	3100		ALD133 700 3100-840 POME 213 BRS	19905206	28
	4100	1295	ALD133 1300 4100-840 POME 213 BRS	19905210	35
	6200		ALD133 1300 6200-840 POME 213 BRS	19905214	52
	5100	1595	ALD133 1600 5100-840 POME 213 BRS	19905218	41
	7700		ALD133 1600 7700-840 POME 213 BRS	19905222	65

An easy-to-install and scalable model thanks to a sliding plate (Slide© system). Marking II 2G Ex eb mb IIC T6 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	685	ALD133 700 2000-840 POME 113 BRS	19905200	21
	3100		ALD133 700 3100-840 POME 113 BRS	19905204	28
	4100	1295	ALD133 1300 4100-840 POME 113 BRS	19905208	35
	6200		ALD133 1300 6200-840 POME 113 BRS	19905212	52
	5100	1595	ALD133 1600 5100-840 POME 113 BRS	19905216	41
	7700		ALD133 1600 7700-840 POME 113 BRS	19905220	65

An easy-to-install and scalable model thanks to a sliding plate (Slide© system). Marking II 2G Ex eb mb IIC T6 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

1 cable gland

Polyamide capacity Ø8-13 mm	113
Polyamide capacity Ø10-15 mm	116
Nickel-coated brass capacity Ø5-14 mm	113LN

2 cable glands including one blind plug

Polyamide capacity Ø8-13 mm	213
Polyamide capacity Ø10-15 mm	216
Nickel-coated brass capacity Ø5-14 mm	213LN

Fixing straps

Reinforced fixing straps	BRS
Reinforced fixing straps with HSHC screw	BRV

Materials

Polycarbonate housing	PO
Coextruded polycarbonate/ PMMA housing with high chemical resistance	POME
End caps & fixing straps 304L stainless steel	-
End caps & fixing straps 316L stainless steel	MR

Color temperature

4000K	840

ALDER

Tube ø133 for industrial ATEX zone 1 atmospheres

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	PU6362
Length 1400mm	PU6286
Length 1700mm	PU6363

Drill at the site with the required centre distance

Also available in 316L : consult us

304L stainless steel column mounting fixing strap

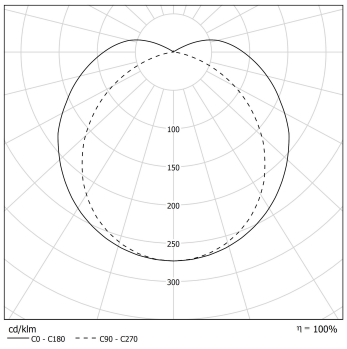
Adapter ø1"1/4 (=42mm)	PU4321
Adapter ø1"1/2 (=49mm)	PU4083
Adapter ø2" (=60mm)	PU4082

To order by 2

Also available in 316L : consult us

Specification

Photometry



Technical characteristics	
Light source	High-efficiency removable LED module (CRI>80, 3 SDCM) 70 000 h L80/B50 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
Operating temperature	-20°C to +35°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 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 60079-7, IEC 60079-18, IEC 60079-31
Marking	II 2G Ex eb mb IIC T6 Gb - II 2D Ex tb IIIC T80°C Db IP66
Temperature class	T6 (Gaz)
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)