PASCAL

Tube ø100 and 133 for industrial atmospheres

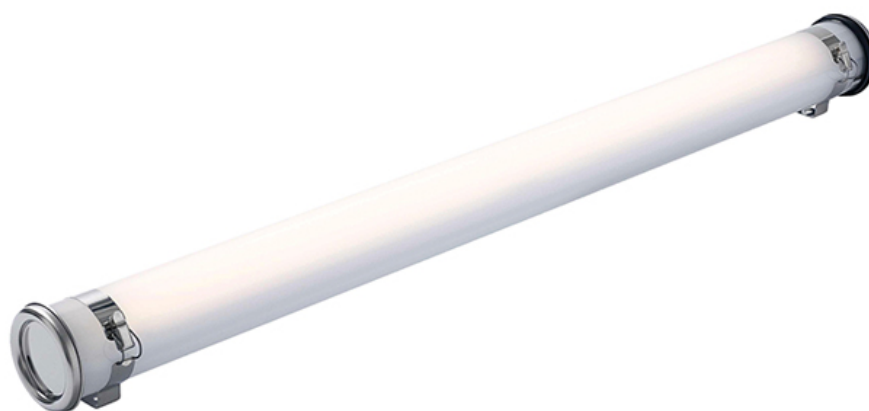# PASCAL

Tube ø100 and 133 for industrial atmospheres

The essential tube light for demanding environments, the PASCAL is conceived to be simple and scalable, thanks to its patented sliding gear tray. Resistant to corrosive agents thanks to its stainless-steel parts and its co-extruded composite shade, it perfectly matches the hygiene requirements of a food industry site. Efficient and resistant to UV rays, it can be counted on for the long-term lighting of any type of indoor or outdoor infrastructure. Robustness and reliability guaranteed for 8 years, even in intensive use: a unique promise for a unique product!
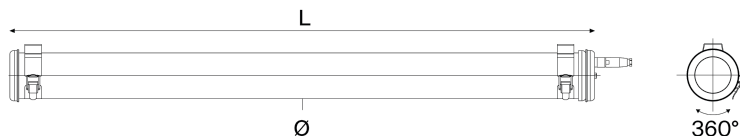
MADE IN FRANCE SINCE 1927

REPAIRABLE UPGRADABLE

ULTIMATE 8 YEARS GUARANTEE

PASCAL
Tube ø100 and 133 for industrial atmospheres

Sammode

IP68-69K · IK10 · 35°C

L · Ø · 360°

Disconnectable quick-lock plug version
CRI80, 4000K

PLUG & PLAY

Ø (mm)	Flux (lm)	L (mm)	Designation	Code	Watt
100	1850	708	PAS100 12H840 POME PS3 SA BRS	41605095	16
	2775	1018	PAS100 13H840 POME PS3 SA BRS	41605023	23
	3700	1318	PAS100 14H840 POME PS3 SA BRS	41605022	30
	4625	1618	PAS100 15H840 POME PS3 SA BRS	41605119	38
	5550	1850	PAS100 16H840 POME PS3 SA BRS	41605116	44
133	5550	995	PAS133 23H840 POME PS3 SA BRS	22605031	46
	7400	1295	PAS133 24H840 POME PS3 SA BRS	22605043	61
	9250	1595	PAS133 25H840 POME PS3 SA BRS	22605082	75
	11100	1850	PAS133 26H840 POME PS3 SA BRS	22605066	90

An easy-to-install, repairable and scalable model thanks to an internal sliding and removable plate (Slide© system).

Polyamide cable gland version
CRI80, 4000K

Ø (mm)	Flux (lm)	L (mm)	Designation	Code	Watt
100	1850	708	PAS100 12H840 POME 113 SA BRS	41605036	16
	2775	1018	PAS100 13H840 POME 113 SA BRS	41605037	23
	3700	1318	PAS100 14H840 POME 113 SA BRS	41605038	30
	4625	1618	PAS100 15H840 POME 113 SA BRS	41605039	38
	5550	1850	PAS100 16H840 POME 113 SA BRS	41605040	44
133	5550	995	PAS133 23H840 POME 113 SA BRS	22605120	46
	7400	1295	PAS133 24H840 POME 113 SA BRS	22605054	61
	9250	1595	PAS133 25H840 POME 113 SA BRS	22605127	75
	11100	1850	PAS133 26H840 POME 113 SA BRS	22605144	90

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Options

Cable entry

1 cable gland

Polyamide capacity Ø5-12mm	113
Polyamide capacity Ø7-14mm	116
Nickel-coated brass capacity Ø5-14 mm	113LN

2 cable glands including one blind plug

Polyamide capacity Ø5-12mm	213
Polyamide capacity Ø7-14mm	216
Nickel-coated brass capacity Ø5-14 mm	213LN

Disconnectable plugs

IP68/69K quick-lock plug with threaded ring (capacity: Ø8 to 10 mm) — **PS3**

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

3000K	830
4000K	840
5000K	850

Lighting management

Electronic gear unit for DALI dimming	RD
Electronic gear unit for push button	RS
Switch-off warning function (for sensor/timer)	RC
Built-in presence sensor (length increased by 85mm)	SI

Emergency lighting

3h Self contained Emergency Lighting Long life time LiFePO4 battery (for length ≥ 995 mm) Tmax=30°C	S3H

Accessories
To be ordered separately

IP68 4-outlet junction box (capacity Ø7-14mm) — CP00674

Kits for APSAD compliance

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

Also available in 316L : consult us

1m HO7-RNF pre-wired cable 3G1,5²

Stripped free end	CAB0080
Wieland® plug IP68/IP69K (capacity : Ø10-14mm)	CAB0095
Wieland® plug and Y spliter for loop-in/out	CAB0145

Other lengths: consult us
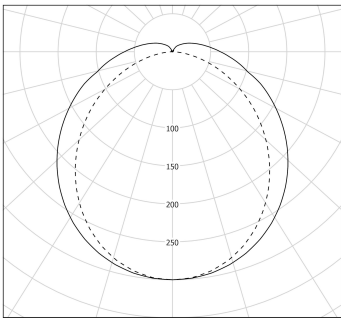
PASCAL
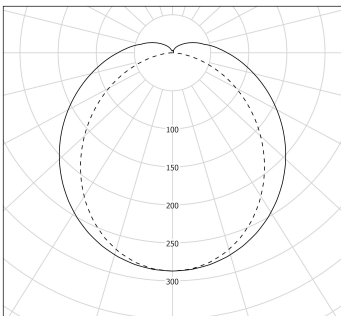Tube ø100 and 133 for industrial atmospheres

Specification

Photometry

cd/klm   ―― C0 - C180   - - - C90 - C270   η = 100%

Diameter 100

cd/klm   ―― C0 - C180   - - - C90 - C270   η = 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	Special satin-finish housing for LED
Lighting comfort	UGR ≤ 25
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 intallation and maintenance	
Connection	Version with 3-pole plug : disconnectable plug for Ø 8 to 10 mm cable (3 × 1.5 mm^2) 113 version : polyamide cable gland for cable Ø 5-12 mm, to a 3 x 2,5 mm^2 disconnectable 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 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	
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)