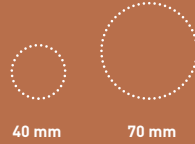


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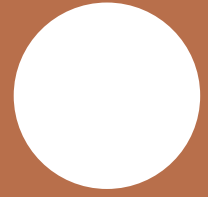


40 mm

70 mm



100 mm



135 mm

T MAX. 80°C - 1 OR 2 T8 LAMPS - GLASS DIFFUSER

PAULI 1 HT 80

IMPERVIOUS TUBULAR LIGHT FITTING FOR USE AT HIGH TEMPERATURES

TUBULAR

Increased mechanical resistance
Easy to clean
Limited dirt accumulation
360° orientation

IMPERVIOUS (IP68/IP69K)

Absolute imperviousness
No internal dust accumulation
Maximum light output
Adapted for pressure cleaning

ROBUST

Mechanical assembly not sensitive to external mechanical and/or chemical aggression

DURABLE

Borosilicate glass: high resistance to corrosion, chemical agents and temperatures
Single-piece housing, material and components selected to ensure long-term investment

ELECTRICAL CLASS	CLASS 1
PROTECTION	IP68/IP69K
SHOCK RESISTANCE	IK07
OPERATING TEMPERATURE	-20°C +80°C

DESCRIPTION

HOUSING

- Ø100 borosilicate diffuser in the 1-lamp model, Ø135 in the 2-lamp model
- End caps 1/2 ring press-formed in 304L stainless steel (316L also available)
- Gaskets moulded in silicone
- Cable entry with cable gland
- Possibility for a model with 2 cable entries for looping-in (2 entries on the same cap)

GEAR TRAY

- White powder coated steel sheet gear tray
- Low loss compensated ferromagnetic gear unit (EEI B1)
- Internal wiring with silicone isolation braided with glass fibre

REFLECTORS

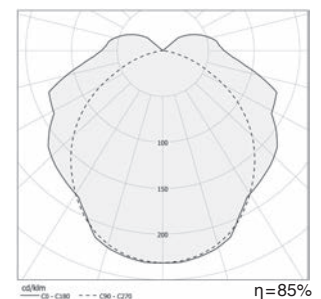
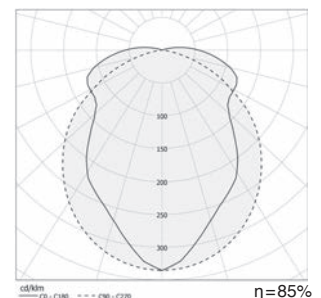
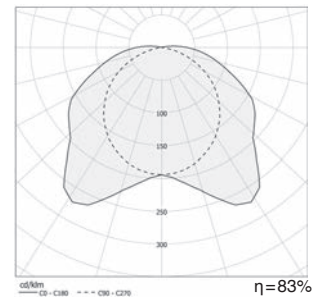
- White powder-coated gear tray acting as a reflector for general diffused lighting
- Range of technical reflectors in mirror-finish aluminium sheeting: intensive (narrow beam), extensive (wide beam)

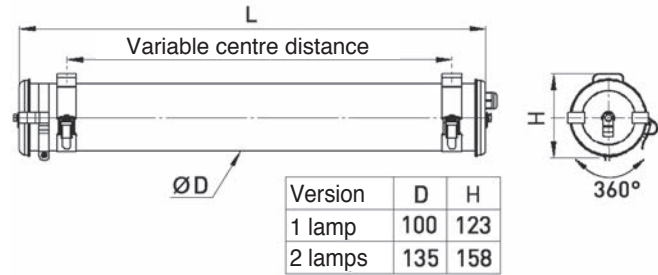
INSTALLATION – MAINTENANCE

- Connection to 3x2.5 mm² disconnectable terminal block
- Attachment with 2 bolt-fitted stainless steel straps with variable centre distance and allowing 360° orientation (available as a reinforced model and/or with closure by HSHC screw)
- Maintenance: release the 2 closing screws, remove the end-cap and extract the gear tray

PHOTOMETRY

- 1-1-T8-lamp model extensive reflector at +25°C
- 1-1-T8-lamp model intensive reflector at +25°C
- 2-T8-lamp model extensive reflector at +25°C





MAIN REFERENCES

POWER	DESIGNATION	CODE	OPTICS	L (mm)	WEIGHT (kg)
	Ø100 borosilicate glass diffuser – 1-lamp model				
1x18W	PAU1 HT80 118C G13 PY 113 BRS	3510 0011		697	3,7
1x36W	PAU1 HT80 136C G13 PY 113 BRS	3510 0021		1307	6,0
1x58W	PAU1 HT80 158C G13 PY 113 BRS	3510 0031		1607	7,6
	Ø135 borosilicate glass diffuser – 2-lamp model				
2x18W	PAU1 HT80 218C G13 PY 113 BRS	3610 0011		677	5,6
2x36W	PAU1 HT80 236C G13 PY 113 BRS	3610 0021		1287	10,3
2x58W	PAU1 HT80 258C G13 PY 113 BRS	3610 0031		1587	12,8

OPTIONS

DESCRIPTION	OPTION CODE	DESCRIPTION	OPTION CODE
CABLE ENTRIES		FINISHINGS	
1 or 2 cable glands in black polyamide		End caps and fixing straps in 316L stainless steel	MR
Cable Ø: 5 to 12 mm	113/213	FIXINGS	
Cable Ø: 7 to 14 mm	116/216	Reinforced bolt-fitted fixing straps with HSHC screw	BRV
1 or 2 cable glands in nickel-coated brass		ACCESSORIES	
Cable Ø: 5 to 14 mm	113LN/213LN	Protective covers Fixing for columns	
OPTICS		Upstand kit (5 or 20 cm)	
Intensive reflector (1-lamp versions)	RI		
Extensive reflector	RE		
GEAR UNIT			
5-point terminal block for phase balancing	C5P		

Option codes to be added or to replace the designation codes of main references, subject to the compatibility of options.