

Ceiling up to 6m

Ceiling at 6m and more

© three-dimensional trademark



40 mm



70 mm



100 mm



133 mm

2 and 6 modules

CELSIUS 70

SMALL IMPERVIOUS TUBULAR LIGHT FITTING FOR VERY LOW TEMPERATURES

POWER-ON WITHOUT STABILISATION

Immediately 100% flux at -60°C

TUBULAR

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

IMPERVIOUS (IP68 and IP69K)

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

SMALL LIGHT FITTING

70 mm Diameter

The positioning of the gear unit to the rear of the gear tray on the T5 model enables reduced size and lighting over the entire length of the fitting.

DURABLE

High resistance to corrosion and external aggression
Robustness of the housing, quality of the materials and components: long-term investment

ELECTRICAL CLASS : CLASS 3

VOLTAGE :
24V DC min. / 26V DC max.

FIRE RESISTANCE :
Polycarbonate: 960°C
Co-extruded Polycarbonate/PMMA : 650°C

PROTECTION : IP68, IP69K

SHOCK RESISTANCE : IK10

OPERATING TEMPERATURE:
-60°C +25°C

DESCRIPTION

HOUSING

- Ø70 mm co-extruded polycarbonate/ PMMA diffuser with anti-UV treatment:
 - Ceiling up to 6m: satin finish
 - Ceiling at 6m and more: crystal quality
- Polycarbonate diffuser available
- 2 lengths:
 - 613mm for selective lighting
 - 1613mm for general lighting
- End caps 1/2 ring press-formed in 304L stainless steel (316L also available)
- Gaskets moulded in EPDM
- Cable entry with straight disconnectable plug (2x1,5mm²) for cables Ø 8–10 mm

GEAR TRAY

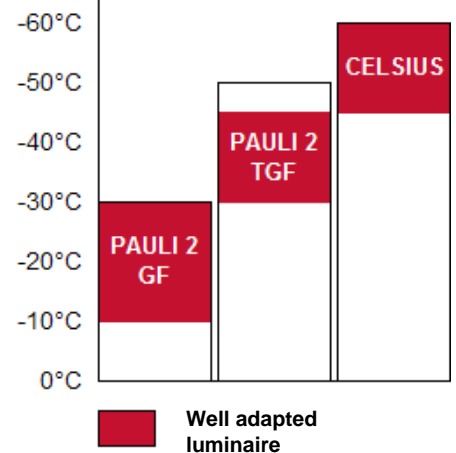
- Black powder coated gear tray
- Special low temperature electronic modules developed by Sammode with:
 - 6 high power LEDs for low temperatures, for crystal quality housing with lenses
 - MC printed circuit board
 - Resistant components adapted to the industrial applications
- Internal wiring with silicon isolated wires braided with glass fibre
- Color temperature: 4100K

INSTALLATION – MAINTENANCE

- Connection with disconnectable plug 2x1,5 mm² (we recommend the use of low temperature cable with silicone isolation)
- Fixing with 2 bolt-fitted stainless steel straps with variable centre distance and allowing 360° orientation
- Maintenance by removal of the end cap and the gear tray

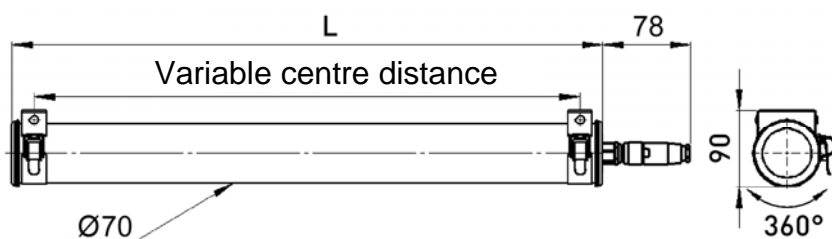
SELECTION ASSISTANT

Operating temperature



Low voltage

Please exclude while planning your installation voltage drops below the tolerated level. To assure a long lifetime and good operation of the luminaires the voltage needs to stay between 24-26V.



MAIN REFERENCES

VOLTAGE (24V DC-26V DC)	DESCRIPTION	CODE	L(mm)	WEIGHT(kg)
	Ceiling up to 6m			
17W-18W	CEL70 24DC 2M6L10 PO/ME PS2 SA	6430 0050	613	1,5
50W-55W	CEL70 24DC 6M6L10 PO/ME PS2 SA	6430 0060	1613	3
	Ceiling at 6m and more			
17W-18W	CEL70 24DC 2M6L10 PO/ME PS2 W	6430 0070	613	1,5
50W-55W	CEL70 24DC 6M6L10 PO/ME PS2 W	6430 0080	1613	3

OPTIONS

DESCRIPTION	OPTION CODE	DESCRIPTION	OPTION CODE
DIFFUSERS		FIXINGS	
Clear polycarbonate diffuser	PO	Wall strap (5cm distance to the wall)	B05S
FINISHINGS		Ceiling strap (20cm distance to the ceiling)	B20S
End caps and fixing straps in 316L stainless steel	MR		

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