

# SERIES 770-EXTREME -30°C

Industrial dust- and waterproof luminaires for ambient temperature -30 °C

With 1 and 2 fluorescent tubes  
For T8 lamps



## YOUR MAIN BENEFITS:

The shape of 770-Classic adapted for **extremely low (-30°C)** ambient temperatures.

770-EXTREME -30°C



## FIELD OF APPLICATION:

Thanks to their special construction our diffuser covered fittings ensure a high grade of protection (IP 65 or IP 67) against dust, contamination and water permeation even at extremely low ambient temperature. In accordance with their IP grade, they can be widely used to illuminate spaces with dusty, humid environment down to Ta -30 °C.

When using outdoors, the fittings should be protected against direct sunlight and adverse weather conditions.

## TECHNICAL DESCRIPTION AND BENEFITS:

- **Housing:** It is made of flame retardant glass-fiber reinforced polyester (on request suitable for 850°C glow wire test too), in light grey (RAL7035) colour. This material has very good temperature resistance, mechanical stability, furthermore it is a good electrical insulator, it resists the impacts of several chemicals and the impacts of weather conditions. Its stability of size and shape at changing temperatures is excellent.
- The **diffuser** can be ordered in injection **moulded polycarbonate (PC)**. Main advantages: high mechanical strength and high heat resistance, as well as excellent transparency and **UV-resistance**.
- The **gasket** between the diffuser and the housing is ensured by anti-aging silicone sealing.
- **Fixing the diffuser to the body:** with stainless steel clips.
- **Gear tray** (reflector): White powder coated steel sheet. On request glossy aluminium reflector is available.
- **Ways of installing:** direct onto the wall or ceiling resp. suspended.
- **Electrical components:** in accordance with electronic control gear, on request through wiring is available

IP65



## Technical options



In order to avoid the reduction of light output at low ambient temperature a temperature-resistant fluorescent tube has to be used.

Special sealing with enhanced resistance and extreme durability



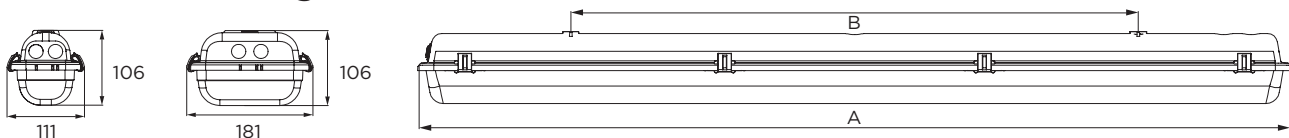
Fixing the diffuser to the housing: With secure, one-part stainless steel clips.

## Technical data

Type	Tube/Lampholder	Power (W)	Dimensions A (mm)	B (mm)	Weight (kg)
<b>With electronic control gear for T8 fluorescent tubes (Extreme -30°C)</b>					
770 136 -30	T8/G13	1 x 36	1 278	800	3,14
770 158 -30	T8/G13	1 x 58	1 578	1 100	4,04
770 236 -30	T8/G13	2 x 36	1 278	800	4,39
770 258 -30	T8/G13	2 x 58	1 578	1 100	5,42

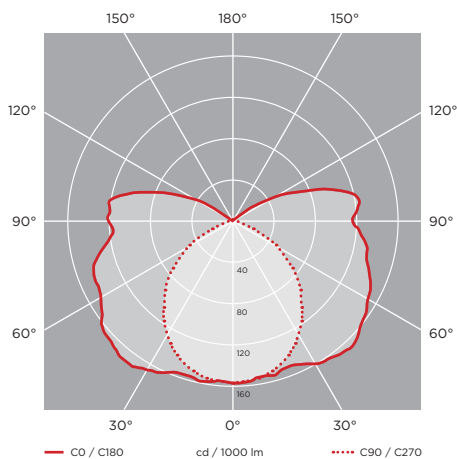


## Schematic drawing with main dimensions:

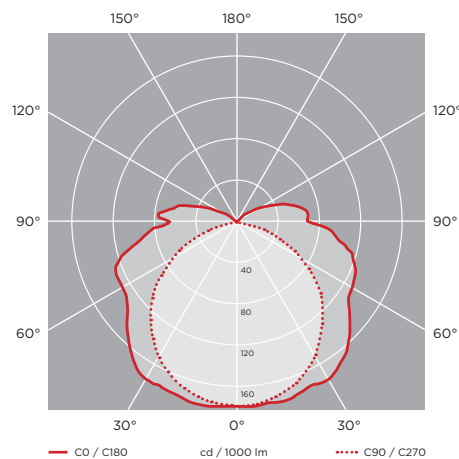


## Photometric curves:

770-Extreme -30 1x36



770-Extreme -30 2x36



**770-EXTREME -30°C**