

EXTREME-30°C EXTREME+60°C

Series 770-Extreme

Industrial dust- and waterproof luminaires
for ambient temperature -30 °C resp. +60 °C

CE

With 1 and 2 fluorescent tubes
For T8 lamps

IP65



Option:

IP67



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 resp. extremely high ambient temperature. In accordance with their IP grade, they can be widely used to illuminate spaces with dusty, humid environment from -30 °C to +60 °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.

The optically designed and UV resistant diffuser is fixed to the housing with stainless steel clips.

- The **gasket** between the diffuser and the housing is ensured by anti-aging silicone sealing.

- **Gear tray** (reflector): White powder coated steel sheet.

-Electrical components:

at **Extreme -30 °C** in accordance with electronic control gear, on request through wiring is available

at **Extreme +60 °C** in accordance with low power factor.

Technical options:



In order to avoid the reduction of light output in low ambient temperature (below -25 °C) a temperature-resistant fluorescent tube has to be used.



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

Technical Data:

Type	Tube/Lampholder	Power (W)	Dimensions (mm) L	(mm) D	Weight (kg)
With B1 magnetic ballast for T8 fluorescent tubes (Extreme +60 °C)					
770-136 +60*	T8/G13	1 x 36	1278	800	2,45
770-158 +60	T8/G13	1 x 58	1578	800	3,33
770-236 +60	T8/G13	2 x 36	1278	1100	3,82
770-258 +60*	T8/G13	2 x 58	1578	1100	5,42

*coming soon

Type	Tube/Lampholder	Power (W)	Dimensions (mm) L	(mm) D	Weight (kg)
With electronic control gear for T8 fluorescent tubes (Extreme -30 °C)					
770-136 -30	T8/G13	1 x 36	1278	800	3,08
770-158 -30	T8/G13	1 x 58	1578	800	4,04
770-236 -30	T8/G13	2 x 36	1278	1100	4,08
770-258 -30	T8/G13	2 x 58	1578	1100	6,40

Schematic drawing with main dimensions: see page 8

Photometric curves: see page 8

EXTREME

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