

SERIES 771-ORIENT

Industrial dust and waterproof luminaires

With 1 and 2 fluorescent tubes for T8 or T5 lamps

YOUR MAIN BENEFITS:

A professional luminaire for wide usage, that fulfills the strongest quality requirements. Especially for applications, where **high heat resistance** (up to $T_a +50\text{ }^\circ\text{C}$) is required. Available in IP65 or IP66



FIELD OF APPLICATION:

Field of application: Due to the construction principles of gasket, closing system and diffuser our fixtures ensure a high grade of protection (IP65, IP66) against dust, contamination and water permeation. In accordance with their IP rating they can be used widely to illuminate spaces with dusty and humid environment.

Thanks to its **enhanced heat resistance**, 771-Orient is especially suitable for applications, where **error-free functioning at higher ambient temperature** is desired.

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 fibre 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** is available in injection moulded polycarbonate (PC).
Main advantages: High mechanical strength and high heat and shock resistance and excellent transparency.
The diffusers are designed with respect to their optical characteristics and are UV resistant.
- In order to ensure **maximum heat**, chemical and weather **resistance** even under tough conditions, the **gasket** between the diffuser and housing is made of **silicon-based foam** with enhanced resistance. Non-aging PU (polyurethane) foam is optionally available.
- **Fixing the diffuser to the body:** with highly resistant stainless steel clips
- **Gear tray** (reflector): White powder coated steel sheet. As an option glossy aluminium reflector is possible.
- **Electrical components:** electronic control gear.

CE

771-ORIENT

IP65



Option:

IP66



Main technical options

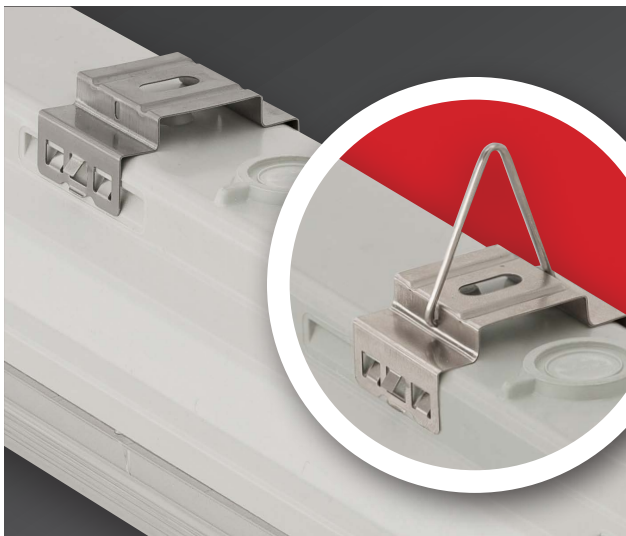
Gear tray (reflector): white powder coated steel sheet, which is fixed to the body by flexible gear tray retaining clips. Therefore it is easy to remove and suspend it during installation.



Thanks to special components the 771-Orient works faultlessly and is reliable **at higher ambient temperatures up to +50°C:**

- **Special heat resistant** high frequency (electronic) ballast
- In order to ensure **maximum heat**, chemical and weather **resistance**, the **gasket** between the diffuser and housing is made of **silicon-based foam** with enhanced resistance.

Diffuser: Injection moulded polycarbonate (PC). The diffuser has been designed with respect to its optical characteristics, with longitudinal internal prisms and is UV resistant.



Ways of installing:

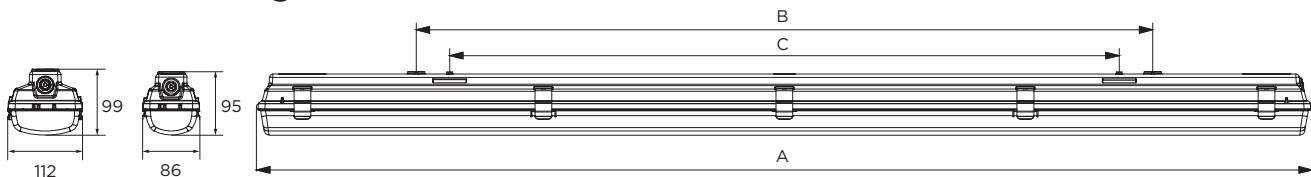
1. Direct (with screws) onto the wall or ceiling.
2. With stainless steel suspension brackets (easy-to-install) onto the ceiling.
3. Suspension on chains with stainless steel suspension brackets mounted with hooks.

Fixing the diffuser to the body: With highly resistant stainless steel clips. Cable entry through grommets or through cable glands.

Technical data (extract)

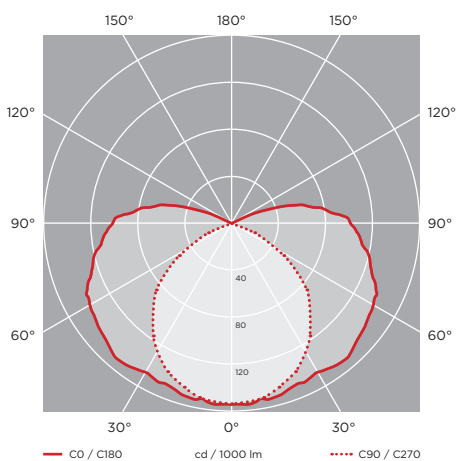
Type	Tube/Lampholder	Power (W)	Dimensions A (mm)	B (mm)	C (mm)	Weight (kg)
With electronic control gear for T8 fluorescent tubes						
Orient 136 EVG	T8/G13	1 x 36	1 277	800	700	2,12
Orient 158 EVG	T8/G13	1 x 58	1 577	1 100	1 000	2,38
Orient 236 EVG	T8/G13	2 x 36	1 277	800	700	2,66
Orient 258 EVG	T8/G13	2 x 58	1 577	1 100	1 000	2,96
With electronic control gear for T5 HE class fluorescent tubes						
Orient 128 EVG	T5/G5	1 x 28	1 277	800	700	2,16
Orient 135 EVG	T5/G5	1 x 35	1 577	1 100	1 000	2,39
Orient 228 EVG	T5/G5	2 x 28	1 277	800	700	2,52
Orient 235 EVG	T5/G5	2 x 35	1 577	1 100	1 000	2,77

Schematic drawing with main dimensions

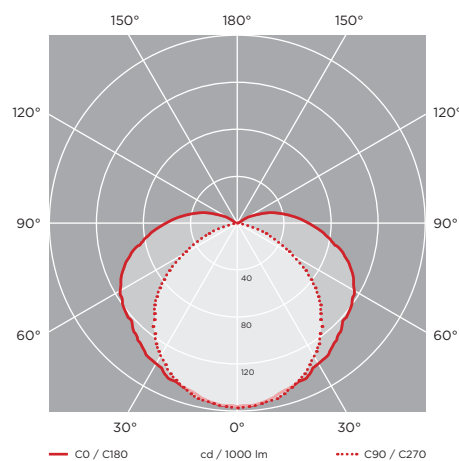


Photometric curves:

771-Orient 1x58W



771-Orient 2x58W



Further options:

- aluminium reflector
- dimmable ballast
- Class II protection
- IP66
- halogen-free wiring