

775-PC LINE

Industrial dust and waterproof luminaires

With 1 and 2 fluorescent tubes for T5 or T8 lamps, in IP65 or IP66

775-PC Line is available in the following sizes:

1x36W (1x1200 mm), 1x58W (1x1500 mm), 2x36W (2x1200 mm), 2x58W (2x1500 mm)

YOUR MAIN BENEFITS:

A professional luminaire for wide usage, that fulfils the strongest quality requirements. Especially for applications, where **high impact resistance (IK rating)** is required.



775-PC LINE



IP65



FIELD OF APPLICATION:

Due to the construction principles of gasket, closing system and diffuser our fixtures ensure a high grade of protection (IP65 or 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 impact resistance**, 775-PC Line is especially suitable for applications where a high IK impact rating is required.

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 **injection moulded polycarbonate (PC)** (suitable for 850°C glow wire test), in light grey (RAL7035) colour.

This material has very high mechanical strength and allows us to reach an excellent shock resistance.

- The **diffuser** is available in the following versions:
Injection moulded polycarbonate (**PC**), **transparent**, with a shock resistance of IK10. The internal prisms are designed with respect to their optical characteristics.

As option injection moulded acrylic (PMMA) diffuser is available. (not IK10)
The diffusers are UV resistant.

- **The gasket** between the diffuser and housing is made of non-aging PU (polyurethane) foam. In order to ensure maximum chemical and weather resistance, silicon-based gasket with enhanced resistance is optionally available.
- **Fixing of the diffuser to the body:** with stainless steel clips.
- **Gear tray** (reflector): White powder coated steel sheet. As an option glossy aluminium reflector is possible.
- **Electrical components:** in accordance with the requested specification: LED-tube, low power factor, high power factor or electronic control gear.

Option:

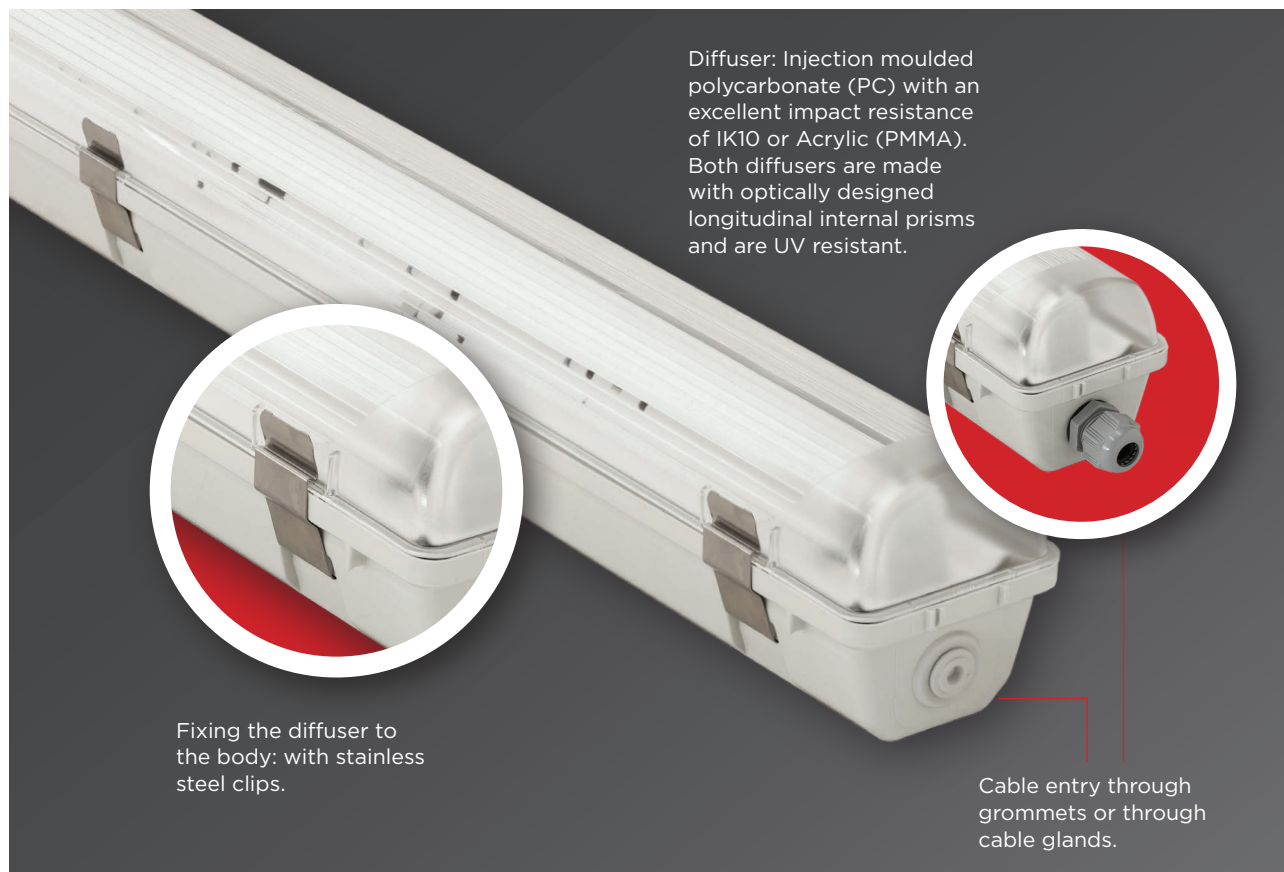
IP66

Main technical options

In order to ensure maximum chemical and weather resistance, **silicon-based gasket** with enhanced resistance is optionally available.



Universal gear tray for both, T8 as well as T5 version



Diffuser: Injection moulded polycarbonate (PC) with an excellent impact resistance of IK10 or Acrylic (PMMA). Both diffusers are made with optically designed longitudinal internal prisms and are UV resistant.



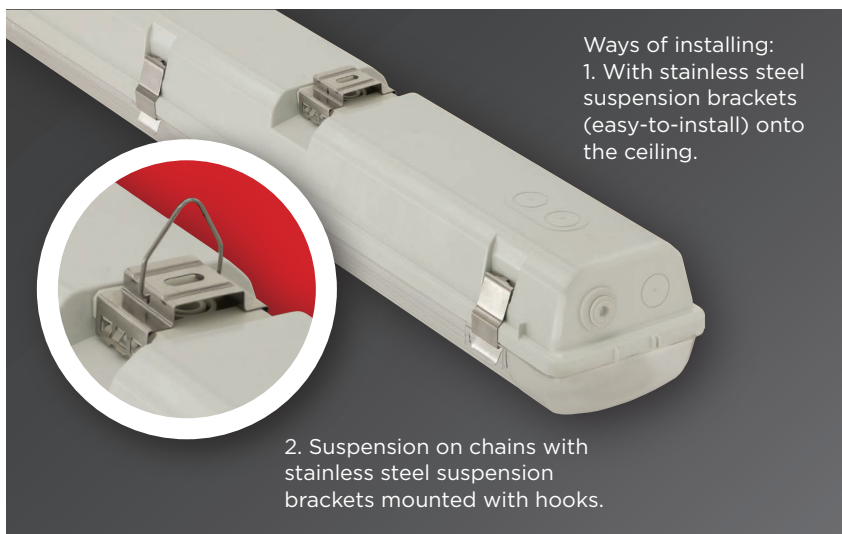
Fixing the diffuser to the body: with stainless steel clips.



Cable entry through grommets or through cable glands.



Depending on installation options several possibilities for cable entry.



Ways of installing:
1. With stainless steel suspension brackets (easy-to-install) onto the ceiling.

2. Suspension on chains with stainless steel suspension brackets mounted with hooks.

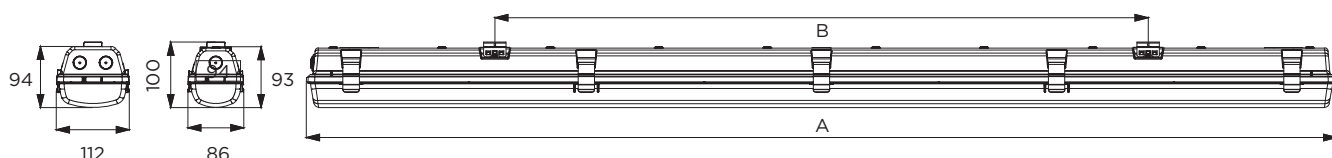
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Technical data (extract)

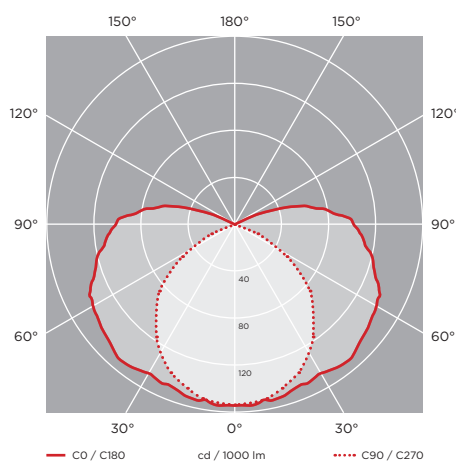
Type	Tube/Lampholder	Power (W)	Warranty (years)	Dimensions A (mm)	B (mm)	Weight (kg)
With electronic control gear for T8 fluorescent tubes						
775 136 EVG	T8/G13	1X36	2 years	1277	700	1,95
775 158 EVG	T8/G13	1X58	2 years	1577	1000	2,16
775 236 EVG	T8/G13	2X36	2 years	1277	700	2,48
775 258 EVG	T8/G13	2X58	2 years	1577	1000	2,72
With electronic control gear for T5 HE class fluorescent tubes						
775 128 EVG	T5/G5	1X28	2 years	1277	700	1,99
775 135 EVG	T5/G5	1X35	2 years	1577	1000	2,17
775 228 EVG	T5/G5	2X28	2 years	1277	700	2,34
775 235 EVG	T5/G5	2X35	2 years	1577	1000	2,53
With electronic control gear for T5 HO fluorescent tubes						
775 154 EVG	T5/G5	1X54	2 years	1277	700	1,99
775 149 EVG	T5/G5	1X49	2 years	1577	1000	2,31
775 254 EVG	T5/G5	2X54	2 years	1277	700	2,34
775 249 EVG	T5/G5	2X49	2 years	1577	1000	2,53

Schematic drawing with main dimensions

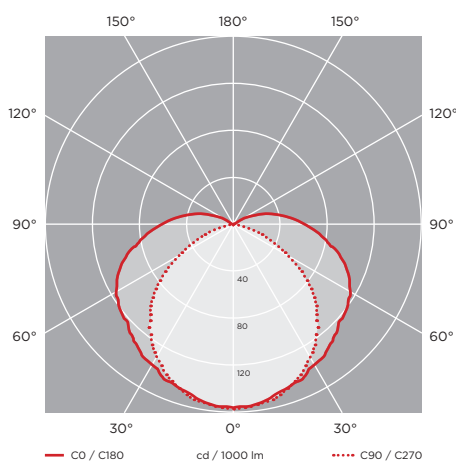


Photometric curves:

775-PC Line 1x58W



775-PC Line 2x58W



Further options:

- LED tubes
- emergency kit
- through wiring
- aluminium reflector
- dimmable ballast
- Class II protection
- IP66
- halogen-free wiring