

With 1 and 2 fluorescent tubes
For T5 or T8 lamps



IP65



Field of application:

Thanks to the gasketed fixtures our diffuser covered fittings ensure a high grade of protection (IP 65 or IP 67) against dust, contamination and water permeation. In accordance with their IP grade, they can be widely used to illuminate spaces with dusty, humid environment.

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** can be ordered in several alternatives: Injection moulded or blown moulded polycarbonate (PC).

Main advantages: high mechanical strength and high heat. resistance, as well as excellent transparency. Injection moulded or blown moulded acrylic (PMMA).

Main advantages: Very good transparency (better than the. transparency of glass), unique anti-aging properties. Injection moulded Styrene-Acrylonitrile (SAN). Main advantages: strong, deformable in very slight degree only, transparent.

All diffusers are optically designed and are UV resistant.

- The **gasket** between the diffuser and the housing is ensured by anti-aging PU (Polyurethane) foam, EPDM rubber or silicone sealing.

- **Gear tray** (reflector): White powder coated steel sheet. As an option glossy aluminium reflector is available.

- **Electrical components:** in accordance with the requested specification: low power factor, high power factor, or electronic control gear.

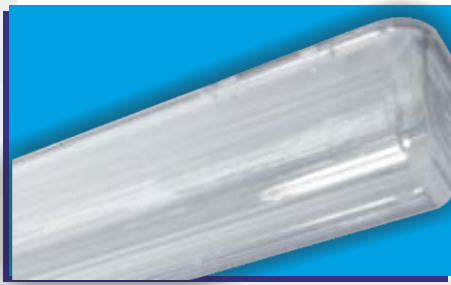
IP67



Option



Technical options:



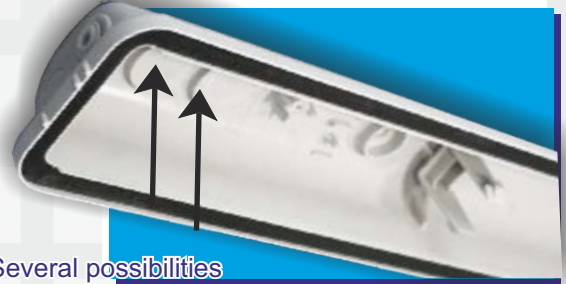
Injection moulded diffusers (PC, PMMA or SAN) are made with longitudinal prisms.



Blown moulded diffusers available in PC and PMMA



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



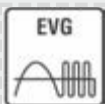
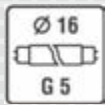
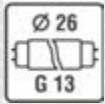
Several possibilities for cable entry.



Option: IP67 protection grade (PC diffuser, cable gland and stainless steel clips).



On demand 3 hour maintained emergency module can be ordered.



On demand mirror aluminium reflector made of anodised aluminium available.



Fixing the diffuser to the housing: With secure, one part captive plastic or stainless steel clips.



Option: To reach increased safety special clips for locking the geartray to the geartray holder available.



Ways of installing: The fittings can be installed onto wall, ceiling or suspended on chains.



As an option luminaries of class II protection against electric shock can be ordered.

Technical data:

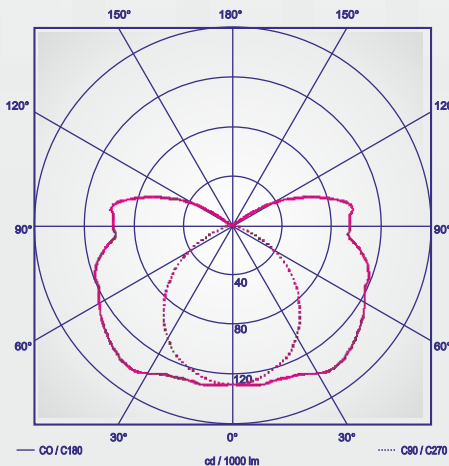
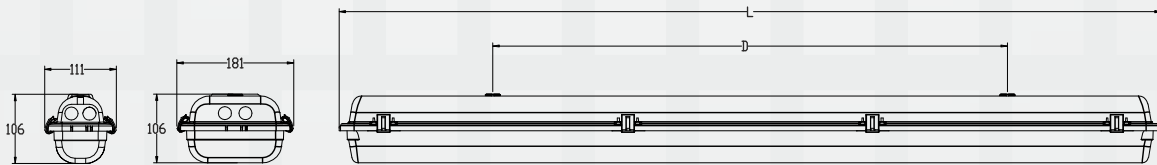
Type	Tube/Lampholder	Power (W)	Dimensions L	(mm) D	Weight (kg)
With B2 magnetic ballast for T8 fluorescent tubes					
770 118 IND	T8/G13	1 X 18	670	460	2,25
770 136 IND	T8/G13	1 X 36	1278	800	2,73
770 158 IND	T8/G13	1 X 58	1578	1100	3,71
770 170 IND	T8/G13	1 X 70	1840	1164	3,93
770 218 IND	T8/G13	2 X 18	670	460	2,23
770 236 IND	T8/G13	2 X 36	1278	800	4,14
770 258 IND	T8/G13	2 X 58	1578	1100	5,46
770 270 IND	T8/G13	2 X 70	1840	1164	5,84

With electronic control gear for T8 fluorescent tubes					
770 118 EVG	T8/G13	1 X 18	670	460	1,59
770 136 EVG	T8/G13	1 X 36	1278	800	2,23
770 158 EVG	T8/G13	1 X 58	1578	1100	2,79
770 170 EVG	T8/G13	1 X 70	1840	1164	3,09
770 218 EVG	T8/G13	2 X 18	670	460	2,11
770 236 EVG	T8/G13	2 X 36	1278	800	3,28
770 258 EVG	T8/G13	2 X 58	1578	1100	3,91
770 270 EVG	T8/G13	2 X 70	1840	1164	4,39

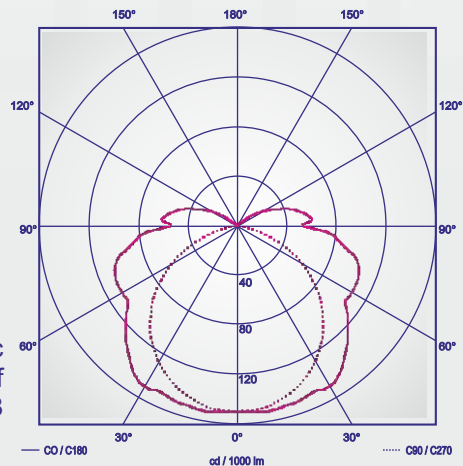
With electronic control gear for T5 HE class fluorescent tubes					
770 114 EVG	T5/G5	1 X 14	670	460	1,45
770 128 EVG	T5/G5	1 X 28	1278	800	2,39
770 135 EVG	T5/G5	1 X 35	1578	1100	2,79
770 214 EVG	T5/G5	2 X 14	670	460	1,84
770 228 EVG	T5/G5	2 X 28	1278	800	3,36
770 235 EVG	T5/G5	2 X 35	1578	1100	4,34

With electronic control gear for T5 HO fluorescent tubes					
770 124 EVG	T5/G5	1 X 24	670	460	1,38
770 154 EVG	T5/G5	1 X 54	1278	800	2,37
770 149 EVG	T5/G5	1 X 49	1578	1100	2,96
770 180 EVG	T5/G5	1 X 80	1578	1100	2,85
770 224 EVG	T5/G5	2 X 24	670	460	2,05
770 254 EVG	T5/G5	2 X 54	1278	800	3,28
770 249 EVG	T5/G5	2 X 49	1578	1100	4,17
770 280 EVG	T5/G5	2 X 80	1578	1100	4,28

Schematic drawing with main dimensions:



Photometric curves of 770-Classical 1x18



Photometric curves of 770-Classical 2x18