

# SERIES 770-CLASSIC

## Industrial dust- and waterproof luminaires

With 1 and 2 fluorescent tubes for T5 or T8 lamps or with LED-tubes



### YOUR MAIN BENEFITS:

**Highest class** luminaire in traditional construction. Premium product!

**Full range available** in T8, T5, IP 65 or IP 67



770 - CLASSIC

### 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 and chemical resistance.
  - Injection moulded styrene acrylonitrile (SAN).** Main advantages: strong, resistant, 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.
- **Fixing the diffuser to the body:** with highly resistant clips made of Polyoxymethylene (POM) or with stainless steel clips
- **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, electronic control gear or LED-tubes.

IP65



IP67



Option:



## Main technical options

Ways of installing: The fittings can be installed direct (with screws) onto wall, ceiling or suspended on chains



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

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



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



On request mirror aluminium reflector made of anodised aluminium available





Several possibilities for cable entry

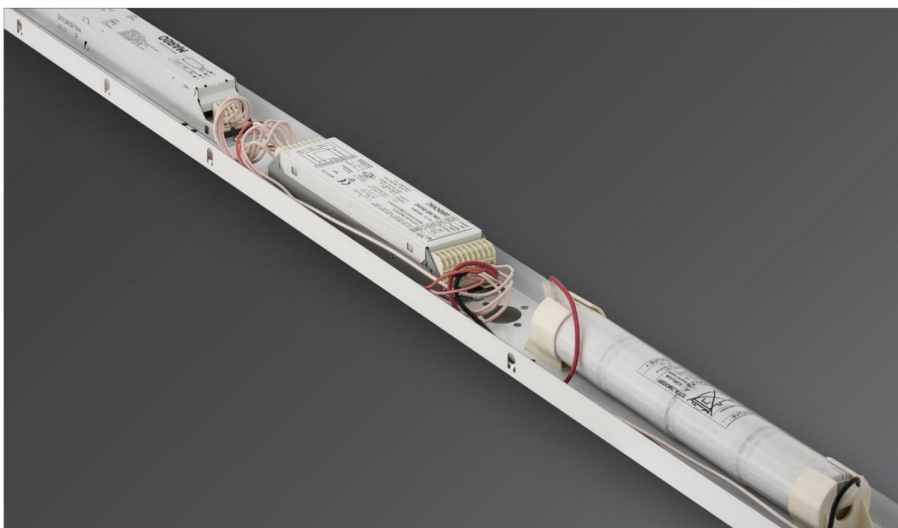


Equipped with Retrofit LED tubes. More information on LED-products see in LED-part of the catalogue.



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

Blown moulded diffusers available in PC and PMMA



**Further options:**

- LED
- dimmable ballast
- protection class II
- through wiring
- rapid connector
- halogen-free wiring

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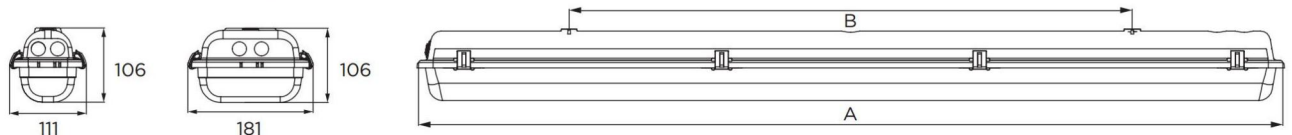


On demand 3 hour maintained emergency module can be ordered

## Technical Data

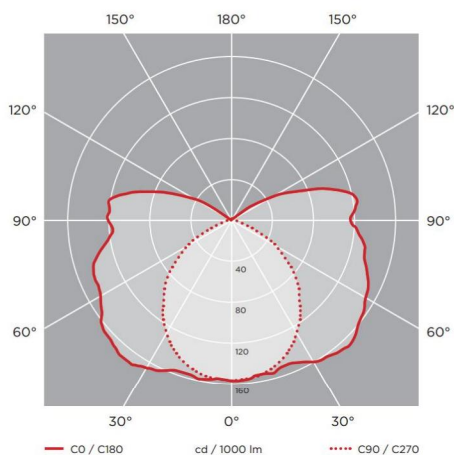
Type	Tube/Lampholder	Power (W)	Dimensions A (mm)	Dimensions B (mm)	Weight (kg)
<b>With B2 magnetic ballast for T8 fluorescent tubes</b>					
770 118 IND	T8/G13	1 x 18	670	460	1,71
770 136 IND	T8/G13	1 x 36	1 278	800	2,63
770 158 IND	T8/G13	1 x 58	1 578	1 100	3,56
770 218 IND	T8/G13	2 x 18	670	460	2,20
770 236 IND	T8/G13	2 x 36	1 278	800	4,09
770 258 IND	T8/G13	2 x 58	1 578	1 100	5,73
<b>With electronic control gear for T8 fluorescent tubes</b>					
770 118 EVG	T8/G13	1 x 18	670	460	1,35
770 136 EVG	T8/G13	1 x 36	1 278	800	2,32
770 158 EVG	T8/G13	1 x 58	1 578	1 100	2,75
770 218 EVG	T8/G13	2 x 18	670	460	1,55
770 236 EVG	T8/G13	2 x 36	1 278	800	3,29
770 258 EVG	T8/G13	2 x 58	1 578	1 100	3,99
<b>With electronic control gear for T5 HE class fluorescent tubes</b>					
770 114 EVG	T5/G5	1 x 14	670	460	1,37
770 128 EVG	T5/G5	1 x 28	1 278	800	2,86
770 135 EVG	T5/G5	1 x 35	1 578	1 100	2,77
770 214 EVG	T5/G5	2 x 14	670	460	1,84
770 228 EVG	T5/G5	2 x 28	1 278	800	3,33
770 235 EVG	T5/G5	2 x 35	1 578	1 100	3,99
<b>With electronic control gear for T5 HO fluorescent tubes</b>					
770 124 EVG	T5/G5	1 x 24	670	460	1,36
770 154 EVG	T5/G5	1 x 54	1 278	800	2,89
770 149 EVG	T5/G5	1 x 49	1 578	1 100	2,96
770 180 EVG	T5/G5	2 x 80	1 578	1 100	2,84
770 224 EVG	T5/G5	2 x 24	670	460	1,93
770 254 EVG	T5/G5	2 x 54	1 278	800	3,44
770 249 EVG	T5/G5	2 x 49	1 578	1 100	4,08
770 280 EVG	T5/G5	2 x 80	1 578	1 100	4,13

## Schematic drawing with main dimensions



## Photometric curves:

770-Classic 1x18



770-Classic 2x18

