

LED

770-FARMER LED

Industrial dust- and waterproof luminaires for chemically aggressive environment



With 1 LED-tube

CE

YOUR MAIN BENEFITS:

The shape of 770-Classic adapted for applications in chemically aggressive environment.

770-FARMER LED



IP65



FIELD OF APPLICATION:

Thanks to their special construction our diffuser covered fittings ensure a high grade of protection (IP 65) against dust, contamination and water permeation. In accordance with their IP grade, they can be widely used to illuminate spaces with dusty, humid and **chemically aggressive** environment in the **most economical and energy efficient** way.

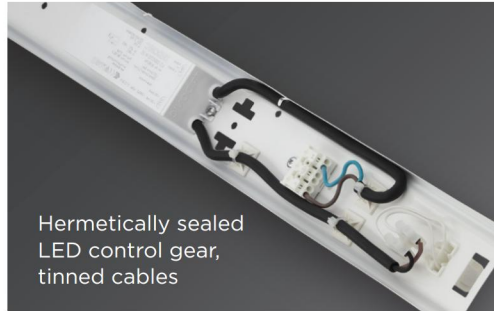
When using outdoors, the fittings should be protected against direct sunlight and adverse weather conditions.

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.
- **Diffuser:** For a long-term fight against chemicals we equipped the 770-Farmer LED with an injection moulded **SAN diffuser** (styrene acrylonitrile). Main advantages: strong, resistant, deformable in very slight degree only, transparent, **UV-resistant**.
- The silicon **gasket** between the diffuser and the housing is ensured by a special sealing with enhanced resistance.
- **Fixing the diffuser to the body:** with highly resistant stainless steel or plastic clips.
- **Gear tray** (reflector): White powder coated steel sheet.
- **Way of installing:** direct onto the wall or ceiling resp. suspended.
- **Electrical components:** in accordance with chemically resistant LED control gear and energy efficient, chemically protected LED-tube

Technical options

The maximum of chemical resistance can be achieved by using special components



Hermetically sealed LED control gear, tinned cables



770-FARMER LED

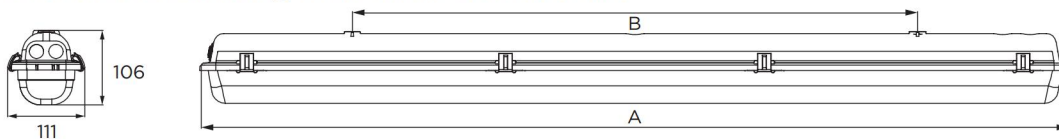
Technical data

With LED Control gear for LED-tubes

Type	Power (W)	LED luminous flux (lm)	luminaire total luminous flux (lm)	luminous efficacy (lm/w)	colour temp (Kelvin)	CRI	lifetime L80B10 (Ta=35°C)
770-FARMER LED							
770 FLT 1x600 mm	13	1500	1350	104	4000	>80	>50.000 h
770 FLT 1x1200mm	26	3000	2700	104	4000	>80	>50.000 h
770 FLT 1x1500mm	33	3800	3500	106	4000	>80	>50.000 h

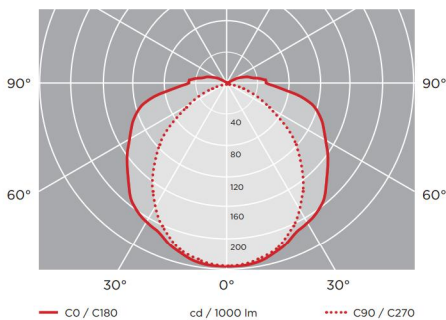


Schematic drawing with main dimensions:



Photometric curves:

770-Farmer LED 1x13 W



770-Farmer LED 1x26 W

