

LED

770-FARMER LED

Industrial dust- and waterproof luminaires for chemically aggressive environment

With 1 and 2 LED tubes

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 blown moulded **acrylic (PMMA) opal diffuser**.
Main advantages: chemical resistance, high light efficiency through high light permeability, well-balanced light dispersing (no shadows), elimination of the dazzling effect, UV-stabilization.
- 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



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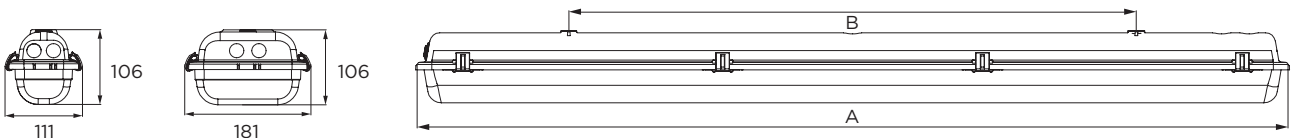
Technical data

With LED Control gear for LED-tubes

Type	Power (W)	LED lum. flux (lm)	Total lum. flux (lm)	Luminous efficacy (lm/w)	Correlated colour temp (Kelvin)	CRI	lifetime L70B50 (Ta=35°C)	A (mm)	B (mm)	Weight (kg)
TOYODA Gosei UG5 LED Tube										
770 1x1200mm	27	3000	2700	98	4000	>80	>50.000 h	1278	800	1,7
770 1x1500mm	32	3800	3300	104	4000	>80	>50.000 h	1578	1100	2,1
770 2x1200mm	51	6000	5300	105	4000	>80	>50.000 h	1278	800	2,55

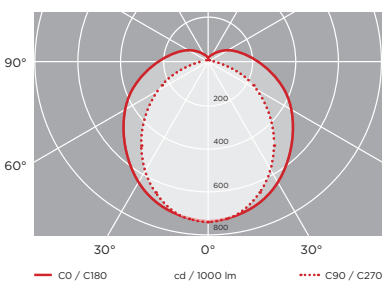


Schematic drawing with main dimensions:

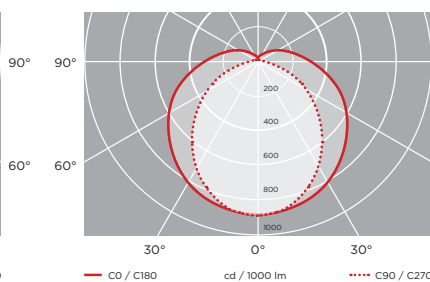


Photometric curves:

770-Farmer LED 27 W



770-Farmer LED 32 W



770-Farmer LED 51 W

