

RETROFIT LED 746-PRO LT

Industrial dust and waterproof luminaires
With 1 and 2 LED tubes.

YOUR MAIN BENEFITS:

This product family has been **designed for energy efficient LED tubes.**

Full range available in IP65 and IP66.

Thanks to its special construction this model offers you an additional price advantage: It can be used **without any gear tray.**



FIELD OF APPLICATION:

Thanks to the construction principles of the gasket, the closing system and the diffuser our fixtures ensure a high grade of protection (IP65, IP66) against dust, contamination and water permeation. In accordance with their IP grade they can be widely used to illuminate spaces with dusty and humid environment.

When using outdoors, the fittings should be protected against direct sunlight and adverse weather conditions. Under 0°C the application of a venting cable gland is necessary, as well as the silicone gasket is recommended.

TECHNICAL DESCRIPTION AND BENEFITS:

- **Housing:** It is made of flame retardant glass fibre reinforced polyester (**GRP**) – on request suitable for 850°C glow wire test, too –, in light grey (RAL7035) colour. The glass fibre reinforced polyester has a very good temperature resistance and mechanical stability. Furthermore, it is a good electrical insulator resisting the impacts of several chemicals and weather conditions. Its stability of size and shape at changing temperatures is excellent.
- The **diffuser** is available in the following versions:
 - Injection moulded acrylic (PMMA):** transparent, with longitudinal prisms, designed with respect to their optical characteristics. Main advantages of PMMA: very good transparency (better than the transparency of glass), unique nonaging properties, **high chemical** and **UV-resistance**.
 - Injection moulded polycarbonate (PC):** transparent, with longitudinal internal prisms, designed with respect to their optical characteristics. Main advantages of PC: **high mechanical strength and high heat and shock resistance**.
- **The gasket** between the diffuser and housing is made of non-aging PU (polyurethane) foam. Silicone-based foam with enhanced resistance is optionally available.
- **Fixing the diffuser to the body:** with stainless steel clips.
- **Gear tray** (reflector): **No gear tray needed.** The electrical components are mounted directly into the housing. As an option white powder coated steel sheet gear tray is available.
- **Way of installing:** direct (with screws) or with stainless steel mounting brackets (easy-to-install) onto the wall or ceiling or suspended.
- **Electrical components:** The adequate power supply is ensured with the electronic driver, that is built in into the LED tube.

LED

CE

RETROFIT LED
746-PRO LT

IP65



Option:

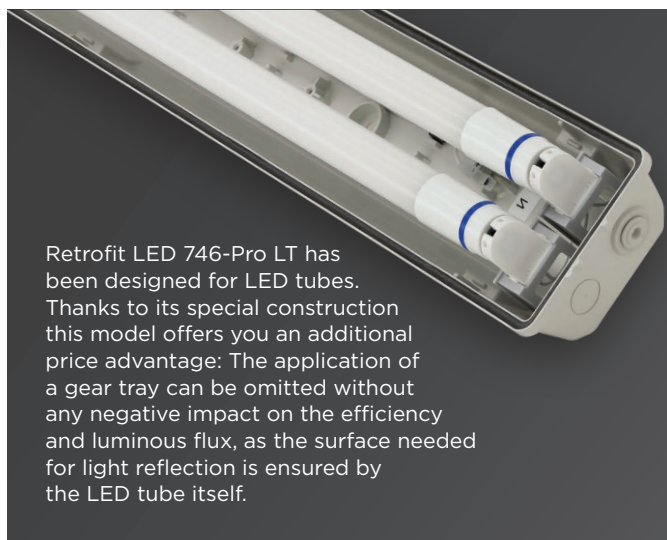
IP66



Main technical options



Optimised economical packaging with plastic net.



Retrofit LED 746-Pro LT has been designed for LED tubes. Thanks to its special construction this model offers you an additional price advantage: The application of a gear tray can be omitted without any negative impact on the efficiency and luminous flux, as the surface needed for light reflection is ensured by the LED tube itself.

The **transparent prismatic diffusers** are designed with respect to their optical characteristics and are UV resistant.



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

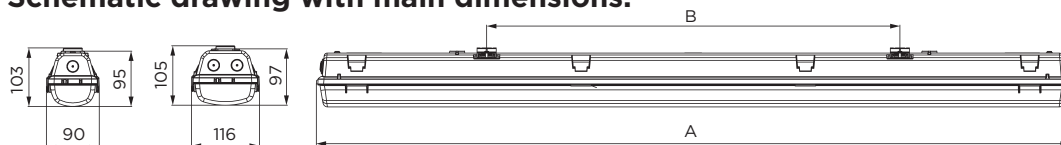
RETROFIT LED 746-PRO LT

Technical data (extract)

Type	Lampholder	Power (W)	Luminous flux (lm)	Dimensions A (mm)	B (mm)	Weight (kg)
746-Pro LT equipped with Retrofit LED tube (Philips Core Pro LED tube)						
746-Pro LT 1x600mm	T8/G13	1x8	680*	699	435	1,19
746-Pro LT 1x1200mm	T8/G13	1x14,5	1360*	1277	800	2,47
746-Pro LT 1x1500mm	T8/G13	1x20	1870*	1577	1100	2,57
746-Pro LT 2x600mm	T8/G13	2x8	1360*	699	435	2,31
746-Pro LT 2x1200mm	T8/G13	2x14,5	2720*	1277	800	3,35
746-Pro LT 2x1500mm	T8/G13	2x20	3740*	1577	1100	3,37

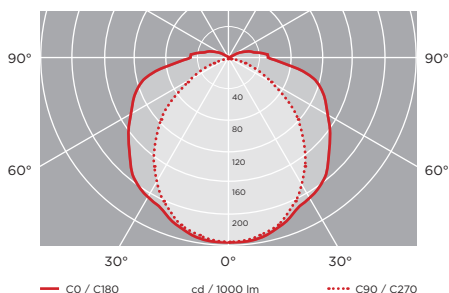
* The shown values are for reference only. The exact values depend on the LED tube applied.

Schematic drawing with main dimensions:



Photometric curves:

Retrofit LED 746-Pro LT
1x1200mm 1x14,5W (LED tube)



Retrofit LED 746-Pro LT
2x1500mm 2x20W (LED tube)

