

RETROFIT LED

Industrial dust- and waterproof luminaires with LED-tubes

CE



With 1 and 2 LED-tubes (Retrofit)
For T8 (G13)

IP65



Option:

IP67



Our contemporary luminaires equipped with extremely energy efficient LED-tubes (so called Retrofit) are available in following series:

771-Favourite R, 746-Clever R,
770-Classic R and 760-Batten R.

Field of application:

Thanks to the construction principles of gasket, closing system and diffuser (cover) our LED-tube fixtures ensure a high grade of protection (IP 65 or IP67) 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** is available in two alternatives:

injection moulded polycarbonate (PC). Main advantages: high mechanical strength and high heat and shock resistance and excellent transparency.

injection moulded acrylic (PMMA). Main advantages: Very good transparency (better than the transparency of glass), unique non-aging properties.

Both diffusers are made with optically designed longitudinal, internal prisms and are UV resistant.

- The **gasket** between the diffuser (cover) and housing is made of non-aging PU (Polyurethane) foam.

- **Gear tray** (reflector): White powder coated steel sheet.

- **Electrical components:** At luminaires equipped with Retrofit LED-tubes the adequate power supply is ensured through electronic driver, that is built in into the LED-tube.

IBV HUNGÁRIA

Lighting and Plastic Processing Ltd.

Technical options:



771-Favourite R, equipped with Philips Master LED tube. The distribution surface of the LED-tube is made of opalized material specially developed for LED applications. This ensures a well-balanced light distribution and the elimination of dazzling.



746-Clever R. The luminous efficacy of LED-tubes (lm/Watt) is comparable with the efficacy of traditional (fluorescent) tubes



770-Classic R, version with two LED-tubes



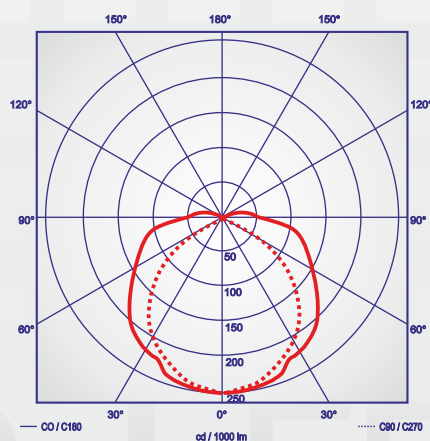
760-Batten R. Unique solution for a batten luminaire with Retrofit LED tubes in IP 65 protection!

Technical Data:

Type	Lampholder	Power (W)	Luminaire Φ (lm)	Dimensions (mm)			Weight (kg)
				A	B	C	
771-Favourite equipped with Retrofit LED-tube (Philips Master LED)							
771 118 RLED	T8/G13	1x11	660	669	460	360	1,06
771 136 RLED	T8/G13	1x22	1320	1277	800	700	2,17
771 158 RLED	T8/G13	1x25	1520	1577	1100	1000	2,27
771 218 RLED	T8/G13	2x11	1320	669	460	360	2,10
771 236 RLED	T8/G13	2x22	2640	1277	800	700	3,05
771 258 RLED	T8/G13	2x25	3040	1577	1100	1000	3,06

Type	Lampholder	Power (W)	Luminaire Φ (lm)	Dimensions (mm)		Weight (kg)
				L	D	
760-Batten equipped with Retrofit LED-tube						
760 118 RLED	T8/G13	1x10	1080	661	320	1,06
760 136 RLED	T8/G13	1x18	1690	1271	900	2,17
760 158 RLED	T8/G13	1x29	3240	1571	900	2,27
760 218 RLED	T8/G13	2x10	2160	661	320	2,10
760 236 RLED	T8/G13	2x18	3380	1271	900	3,05
760 258 RLED	T8/G13	2x29	6480	1571	900	3,06

Schematic drawing with main dimensions: see on page with the corresponding basic type



Photometric curves of 771-Favourite 1x25W (LED-tube)

The applying certification signs can vary at different types/versions.

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