

Universal, dust- and waterproof
luminaires for versatile application

For 2 fluorescent tubes
For T8, T5 lamps or LED's

CE



IP65



IP54



Field of application:

Thanks to the completely new production technology 744-Practical is very versatile and **can be used in a variety of applications.**

Even without gasket it ensures a protection grade of IP 54 against dust, contamination and water permeation, applying a gasket the protection grade can be increased to IP 65. In IP 54 version with the optically designed prismatic diffuser the luminaire is predestinated to **any** indoor application, the IP 65 version can be widely used to illuminate spaces with dusty, humid environment.

When using outdoors, 744-Practical should be protected against direct sunlight and adverse weather conditions.

Technical description and benefits:

- **Housing and diffuser:** Both are made of moisture, UV- and temperature resistant polypropylene (PP) in transparent or opalized colour. The diffusers are designed with respect to their optical characteristics, are UV-stabilized, at versions with LED's opalized diffusers are available.
- At IP 65 version the **gasket** between the diffuser and housing is made of non-aging PU (Polyurethane) foam, in case of IP 54 version it is ensured through the most precise joining between the housing and diffuser.
- **Gear tray** (reflector): white powder coated steel sheet or optionally reflector with optimized lighting characteristics (bent) is available. In order to reach the optimal cost-performance ratio, as option the 744-Practical can be used without gear tray as well. In that case the electrical components are mounted directly into the housing.
- **Fixing of the diffuser to the body: with unique cliplless solution** (worldwide patent)
- **Way of installing:** with ceiling (suspension) brackets onto the ceiling.
- **Electrical components:** in accordance with the requested specification: low power factor, electronic control gear as well as LED.

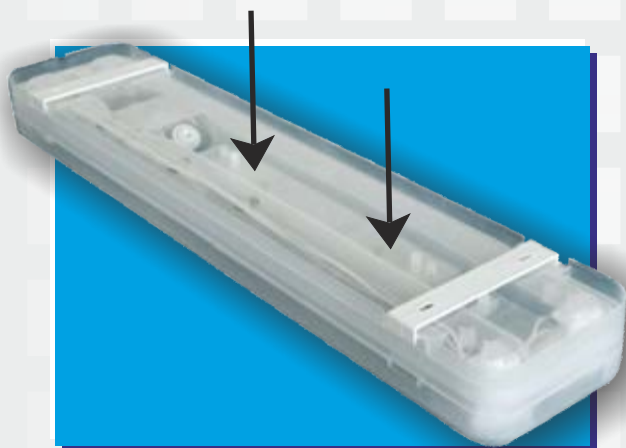
Technical options:



Thanks to its esthetic appearance and versatility 744-Practical can be used in a plenty of applications universally.



744-Practical will impress you by its numerous new features, that represent further benefits for the enduser additionally to the IP protection: **Transparent housing** for brighter illumination of the ceiling, unique **clipless** solution, easy-to-install **ceiling (suspension) brackets** etc.



For installation in line there is a moulded channel on the rear of the housing with space for the cable fixed on the surface of the ceiling, therefore there is **no need for through wiring**.



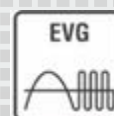
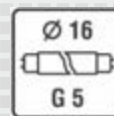
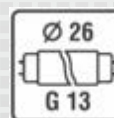
The **special bent reflector** with optimized lighting characteristics ensures the efficient light distribution.



Version with conventional gear tray

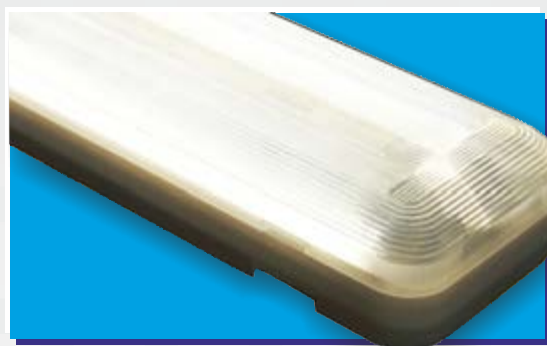
PRACTICAL

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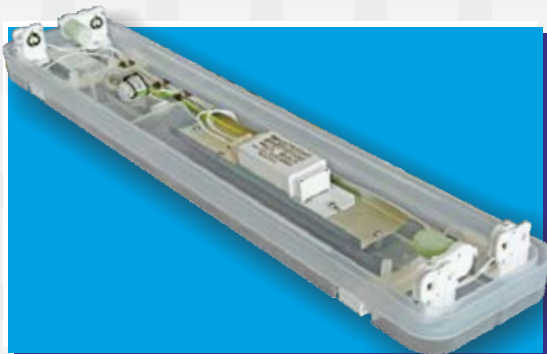




The most precise joining between the housing and diffuser ensures a protection grade of IP 54 even without any foam (with foam IP 65).



744-Practical equipped with LED modules



Cost-saving alternative without gear tray. The electrical components are mounted directly into the housing.

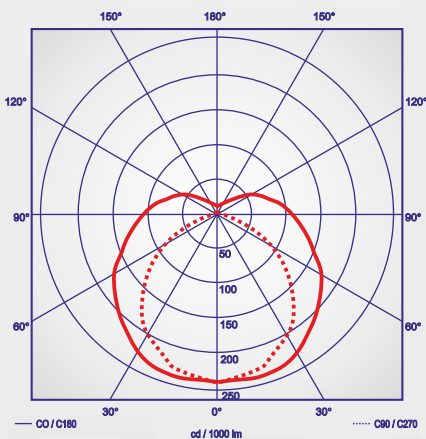
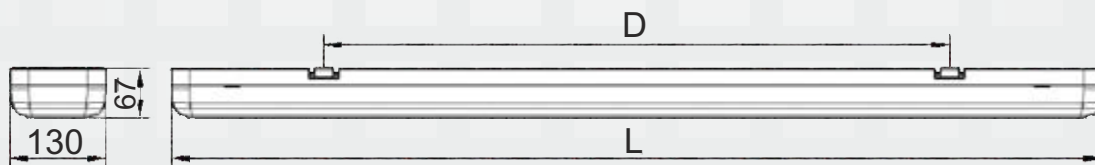
Technical Data:

Type	Power (W)	Dimensions L	(mm) D	Weight (kg)
With B2 magnetic ballast for T8 fluorescent tubes, conventional gear tray				
744 218 IND*	2x18	661	500	1,75
744 236 IND*	2x36	1265	850	2,90
744 258 IND*	2x58	1565	1565	4,05

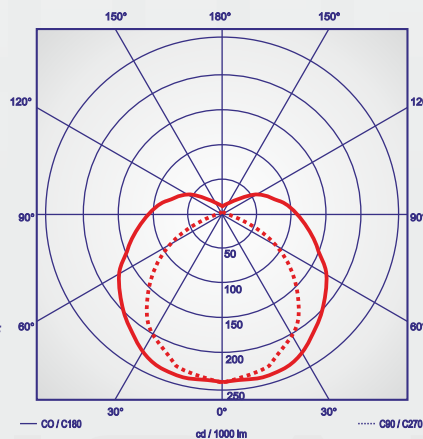
*coming soon

The remaining technical data of the versions of 744-Practical will be updated continuously in our website: www.ibv.hu

Schematic drawing with main dimensions:



Photometric curves of 744-Practical 2x18 (with conventional gear tray)



Photometric curves of 744-Practical 2x18 (with optimized (bent) gear tray)