



HF-Regulator II for TL-D lamps – Dimming: a next step in energy saving

HF-Regulator II for TL-D lamps

High-frequency electronic dimming ballast, using the analog protocol (1-10 V) for TL-D lamps. The ballast is primarily designed for indoor use. For outdoor use, the luminaire should be minimum Class II and be sufficiently protected against water and dust. The installation should also be protected against lightning surges or any other electrical protection deemed necessary in this type of installation and application.

Benefits

- The lamp power can be dimmed from 1 to 100% via the Analog control input (in accordance with the 1-10 V industry standard)
- Compliant with European and Asian norms and suitable for emergency lighting systems
- HF operation improves light quality, lamp lifetime
- Combined with controls, additional energy savings can be achieved

Features

- Programmed start: flicker-free ignition < 0.5 seconds and striation-free operation, no stroboscopic effects. Preheating the lamp electrodes enables the lamps to be switched on and off without reducing life
- Smart power ensures constant light, independent of mains fluctuations.
- Up to 60% reduction in energy consumption by using automatic lighting control systems
- Stop circuit is activated within 5 seconds in the event of lamp failure (safety stop), and ballast resets automatically after lamp replacement

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Application

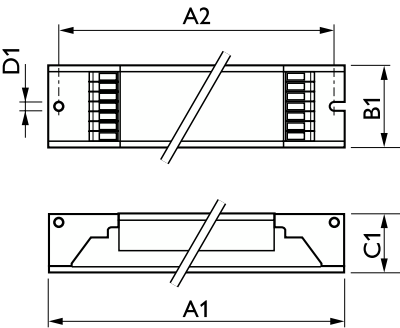
- Indoor, general and task lighting applications in combination with lighting control systems (personal control, daylight linking and/or movement detection)

Versions



GPPR R2ANTLPL PHL

Dimensional drawing



Product	D1	C1	A1	A2	B1
HF-R 158 TL-D EII 220-240V 50/60Hz	4.2 mm	22 mm	360 mm	350 mm	30 mm

