# **PHILIPS** Lighting



# **Product Description**

## HF-Regulator II for TL-D lamps

Flat, lightweight high-frequency electronic regulating ballast, using 1-10V protocol for TL-D fluorescent lamps

#### 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

#### Application

- 1-10V installations with daylight linking and/or movement detection (for energy savings)
- 1-10V installations with remote control systems (combining energy savings with comfort)
- Installations with emergency back-up, according to IEC 60598-2-22

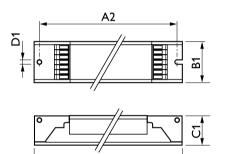
### HF-Regulator II for TL-D lamps

#### Versions



GPPR R2ANTLPL PHL

#### Dimensional drawing



A1

Operating and Electrical			
Input Frequency	50 to 60 Hz		
Input Voltage	220 to 240 V		
Line Frequency	50 to 60 Hz		
Mechanical and Housing			
Housing	L 360x30x21		
Approval and Application			
Energy Efficiency Index	A1 BAT		

#### **Operating and Electrical**

		Number of Products on MCB			Number of Products on MCB
Order Code	Full Product Name	(16A Type B) (Nom)	Order Code	Full Product Name	(16A Type B) (Nom)
913700609266	HF-R 136 TL-D EII 220-240V 50/60Hz	28	91370060946	6 HF-R 158 TL-D EII 220-240V 50/60Hz	28
913700609366	HF-R 236 TL-D EII 220-240V 50/60Hz	12	91370060956	6 HF-R 258 TL-D EII 220-240V 50/60Hz	12

Product	D1	C1	A1	A2	B1
HF-R 136 TL-D EII 220-240V 50/60Hz	4.2 mm	22 mm	360 mm	350 mm	30 mm
HF-R 158 TL-D EII 220-240V 50/60Hz	4.2 mm	22 mm	360 mm	350 mm	30 mm
HF-R 236 TL-D EII 220-240V 50/60Hz	4.2 mm	22 mm	360 mm	350 mm	30 mm
HF-R 258 TL-D EII 220-240V 50/60Hz	4.2 mm	22 mm	360 mm	350 mm	30 mm

HF-Regulator II for TL-D lamps



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. All trademarks are owned by Signify Holding or their respective owners.

www.lighting.philips.com 2023, August 2 - data subject to change