



# Dimming – a next step in energy saving

## HF-Regulator Intelligent Touch DALI for PL-T/C and TL5C

Intelligent high-frequency electronic dimming ballast, using DALI (Digital Addressable Lighting Interface according to IEC62386) or Touch and Dim push-button protocol for fluorescent lamps. Features Corridor Mode, programmable with Philips MultiOne. High-frequency operation improves light quality and lamp lifetime. Pre-empts upcoming legislation as it meets A1BAT requirements.

### Benefits

- Programmed start: flicker-free ignition in 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, and dimming from 3 to 100%
- Protected against excessive mains voltages, incorrect connections and incorrect lamp use

### Features

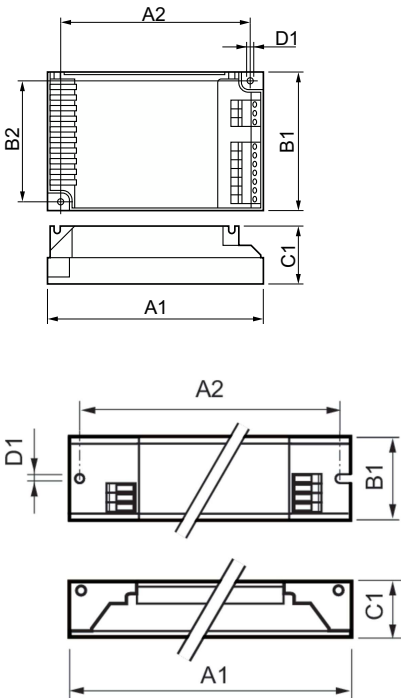
- Extremely low stand-by losses, controlled cut-off for dimming levels above 80%
- Combined with controls, additional energy savings can be achieved
- Stop circuit is activated within 5 seconds of lamp failure (safety stop), and ballast resets automatically after lamp replacement
- HF operation improves light quality and lamp lifetime
- Programmable Corridor Mode
- Compliant with European and Asian norms and suitable for emergency lighting systems

### Application

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

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## Dimensional drawing



Product						
HF-Ri TD 1 26-42 PL-T/C E+	4.5	33.0	123.0	111.0	79.0	67.0
	mm	mm	mm	mm	mm	mm
HF-Ri TD 155 TL5C E+ 195-240V 50/60Hz						
HF-Ri TD 160 TL5C E+ 195-240V 50/60Hz						
HF-Ri TD 2 26-42 PL-T/C E+	4.5	33.0	123.0	111.0	79.0	67.0
	mm	mm	mm	mm	mm	mm

Product	A1	B1	C1	A2	B2	D1
HF-Ri TD 155 TL5C E+ 195-240V 50/60Hz	123.0 mm	79.0 mm	33.0 mm	111.0 mm	67.0 mm	4.5 mm
HF-Ri TD 160 TL5C E+ 195-240V 50/60Hz	123.0 mm	79.0 mm	33.0 mm	111.0 mm	67.0 mm	4.5 mm

Operating and Electrical	
Input Frequency	50 to 60 Hz
Input Voltage	195-240 V
Line Frequency	50 to 60 Hz
Mechanical and Housing	
Housing	L 123x79x33
Approval and Application	
Energy Efficiency Index	A1 BAT

## Operating and Electrical

Order Code	Full Product Name	Number of Products on MCB (16A Type B) (Nom)
24167600	HF-Ri TD 1 26-42 PL-T/C E+	28
24169000	HF-Ri TD 2 26-42 PL-T/C E+	12

Order Code	Full Product Name	Number of Products on MCB (16A Type B) (Nom)
71864200	HF-Ri TD 155 TL5C E+ 195-240V 50/60Hz	12
71862800	HF-Ri TD 160 TL5C E+ 195-240V 50/60Hz	12

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