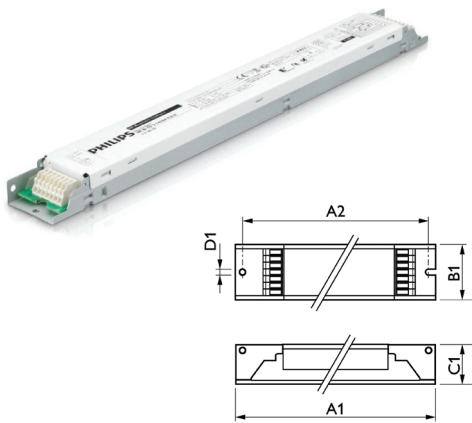


# HF Regulator Intelligent Touch & DALI for TL5, TL5 Eco, TLD and PLL

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. Pre-empting upcoming legislation meeting A1 BAT (Best Available Technology) requirements. With a special command you can retrieve the mains power consumption of the system, and with another command you can ask which lamp wattages are connected using the Philips multi one tool.

- Benefits:**
- Extremely low stand-by losses, controlled cut-off for dim levels above 80%, hybrid control dimming (current control at 100% and power control at 1%), combined with MASTER TL5 Eco for extra energy savings.
  - HF operation improves light quality, lamp lifetime.
  - Combined with controls, additional energy savings can be achieved.
  - Compliant with European and Asian norms and suitable for emergency lighting systems.

- Features:**
- The HF-R Intelligent recognises which lamp (T5 HE, HO, ECO, TL-D or PLL) is connected and is operated accordingly.
  - Programmed start: flicker-free ignition < 1.0 second 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 10 to 100%.
  - Stop circuit is activated within 5 seconds in the event of lamp failure (safety stop), and ballast resets automatically after lamp replacement.



Product ID	A1 (Norm)	A2 (Norm)	B1 (Norm)	C1 (Norm)	D1 (Norm)
HF-Ri TD 1 35/49/80 TL5 E+	360.0	350.0	30.0	22.0	4.1
HF-Ri TD 1 28/35/49/54 TL5 E+	360.0	350.0	30.0	22.0	4.1
HF-Ri TD 2 28/35/49/54 TL5 E+	360.0	350.0	30.0	22.0	4.1
HF-Ri TD 1 14/21/24/39 TL5 E+	360.0	350.0	30.0	22.0	4.1
HF-Ri TD 2 14/21/24/39 TL5 E+	360.0	350.0	30.0	22.0	4.1
HF-Ri TD 3 14/24 TL5 E+ 195-240V 50/60Hz	360.0	350.0	39.0	22.0	4.2
HF-Ri TD 4 14/24 TL5 E+ 195-240V 50/60Hz	360.0	350.0	39.0	22.0	4.2

Dimensions in mm

# HF Regulator Intelligent Touch & DALI for TL5, TL5 Eco, TLD and PLL CONTINUED

## HF-RI TD

Shortcode	Description	Voltage	Min Order Quantity	Carton Quantity
HFRITD114-39	HF-Ri TD 1 14/21/24/39 E+	220-240	10	10
HFRITD128-54	HF-Ri TD 1 28/35/49/54 TL5 E+ 195-240V	195-240	1	10
HFRITD214-39	HF-Ri TD 2 14/21/24/39 E+	220-240	12	12
HFRITD228-54	HF-Ri TD 2 28/35/49/54 TL5 E+ 195-240V	195-240	1	12
HFRITD314-24	HF-Ri TD 3 14/24 TL5 E+ 195-240V	195-240	10	10
HFRITD414-24	HF-Ri TD 4 14/24 TL5 E+ 195-240V	195-240	10	10

Shortcode	No.of lamps	T5 HE/T5 ECO HE				T5 HO/T5 ECO HO				TLD			PLL			
		14/13	21/19	28/25	35/32	24/20	39/34	49/45	54/50	18	36	58	24	36	40	55
HFRITD114-39	1	•	•			•	•				•		•	•	•	
HFRITD128-54	1			•	•			•	•			•				•
HFRITD214-39	2	•	•			•	•				•		•	•	•	
HFRITD228-54	2			•	•			•	•			•				•
HFRITD314-24	3	•				•				•						
HFRITD414-24	4	•				•				•						