



# Product Description

## HF-Performer III for PL-L lamps

Sustainable, energy efficient, high frequency electronic ballast for PL-L fluorescent lamps

### Benefits

- The HF-PIII PL-L is sustainable with its CELMA EEI =A2 energy classification.
- The HF-PIII PL-L range has a robust design and meets all relevant international safety and performance standards.
- HF-operation eliminates eye strain as caused by electromagnetic ballasts
- The program start enables the lamp to be switched on and off without reducing useful lamp life (E.g. for use in combination with lighting control components)
- Automatic restart (after voltage dip or lamp exchange) ensures easy operation and hassle free re-lamping.
- DC emergency operation in line with IEC/EN 60598-2-22 luminare norms.
- The unit is protected against excessive mains voltage and incorrect connections.
- Smart power offers constant light, independent of mains voltage fluctuations
- The universal connector offers the flexibility for horizontal-manual or push-in robot wiring or vertical ALF-robot wiring.

### Features

- Energy efficient CELMA EEI = A2
- ENEC & CE approved
- 50.000 hour lifetime at Tc max., and over 60.000 on/off switches on one lamp
- Programmed, flicker-free, preheated start (< 1.6 s)
- Active power factor correction, smart power
- High power factor 0.99 with THD <10%
- Suitable for DC emergency operation, 186V to 275V (at – 10 C),
- EMC compliant to EN 55015 2006 + A1 2007
- Universal connector WAGO 251

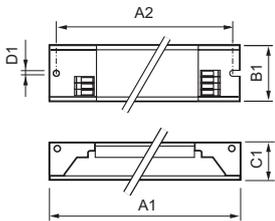
### Application



Related products



Dimensional drawing



Product	A1 (Norm)	A2 (Norm)	B1 (Norm)	C1 (Norm)	D1 (Norm)
HF-P 154/155 TL5 HO/PL-L III IDC	360.0	350.0	30.0	22.0	4.2
HF-P 254/255 TL5 HO/PL-L III IDC	360.0	350.0	30.0	22.0	4.2
HF-P 136 PL-L III 220-240V 50/60Hz	280.0	265.0	30.0	28.0	4.2
HF-P 236 PL-L III 220-240V 50/60Hz	280.0	265.0	30.0	28.0	4.2
HF-P 140 PL-L III 220-240V 50/60Hz	280.0	265.0	30.0	28.0	4.2
HF-P 240 PL-L III 220-240V 50/60Hz	280.0	265.0	30.0	28.0	4.2
HF-P 155 PL-L III 220-240V 50/60Hz	280.0	265.0	30.0	28.0	4.2
HF-P 255 PL-L III 220-240V 50/60Hz	280.0	265.0	30.0	28.0	4.2
HF-P 280 TL5/PL-L III 220-240V 50/60Hz	425.0	415.0	30.0	21.0	4.2

Compare table

Order code	Full product name	Rated Number of Lamps	Housing	Rated Lamptype	Applica- tion code	Line Voltage	Line Frequency	Rated Ballast-Lamp Power	Energy Effi- ciency Index
913713034366	HF-P 280 TL5/PL-L III 220-240V 50/60Hz	2	L 425x30x21	TL5/PL-L	III	220-240	50/60	80	A2 BAT
913713028466	HF-P 136 PL-L III 220-240V 50/60Hz	1	L 280x30x28	PL-L	III	220-240	50/60	36	A2 BAT
913713028566	HF-P 236 PL-L III 220-240V 50/60Hz	2	L 280x30x28	PL-L	III	220-240	50/60	36	A2 BAT

Order code	Full product name	Rated Number of Lamps	Housing	Rated Lamptype	Applica-tion code	Line Voltage	Line Frequency	Rated Ballast-Lamp Power	Energy Effi-ciency Index
913713028666	HF-P 140 PL-L III 220-240V 50/60Hz	1	L 280x30x28	PL-L	III	220-240	50/60	40	A2 BAT
913713028766	HF-P 240 PL-L III 220-240V 50/60Hz	2	L 280x30x28	PL-L	III	220-240	50/60	40	A2 BAT
913713028866	HF-P 155 PL-L III 220-240V 50/60Hz	1	L 280x30x28	PL-L	III	220-240	50/60	55	A2 BAT
913713028966	HF-P 255 PL-L III 220-240V 50/60Hz	2	L 280x30x28	PL-L	III	220-240	50/60	55	A2 BAT
913713028266	HF-P 154/155 TL5 HO/PL-L III IDC	1	L 360x30x22	TL5 HO/PL-L	III	220-240	50/60	54/55	A2 BAT
913713028366	HF-P 254/255 TL5 HO/PL-L III IDC	2	L 360x30x22	TL5 HO/PL-L	III	220-240	50/60	54/55	A2 BAT



© 2011 Koninklijke Philips Electronics N.V.  
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips Electronics N.V. or their respective owners.

[www.philips.com/lighting](http://www.philips.com/lighting)

2011, March 29  
data subject to change