



For flexibility in luminaire design and stock-keeping management

HF-Performer Intelligent for TL5 HE/HO lamps

HF-Performer Intelligent for Master and ECO TL5 HE/HO, TL-D and PL-L lamps HF-Performer Intelligent features automatic recognition of the connected lamp and is independently able to adjust its operation parameters exactly to the respective lamp. This results in a substantial benefit, especially for T5 lamps, as it means TL5 HE and HO lamps of the same length can be interchanged. With a choice of seven ballasts, the customer is able to handle efficiently every possible combination of Master TL5 and Eco, TL-D, and PL-L lamps.

Benefits

- Maximum reliability in system operation, and flexibility for designers, operators and facility managers in terms of stock-keeping management
- Multi-power technology for precise operation of multiple lamp types of various wattages
- Optimized for high maintenance efficiency and reliability: 5-year warranty

Features

- Highest CELMA Energy Efficiency Index A2 BAT
- Complies with CE, ENEC, EL, VDE-EMC, CCC marks of conformity
- Average nominal service lifetime over 100,000 hours (at Ta 50 °C) with a failure rate $\leq 0.1\%$ per 1,000 hours
- Optimized lamp preheating for a minimum of 50,000 On/Off switch operations without lamp replacement

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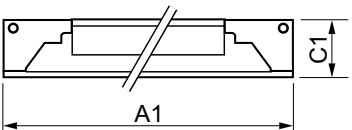
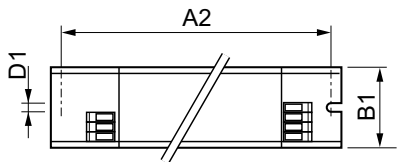
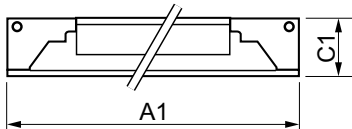
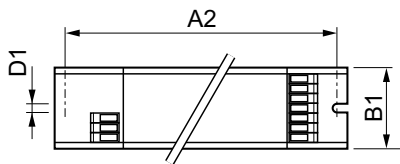
Application

- Suitable for DC operation and emergency lighting installations; full compliance with requirements for emergency lighting according to EN 61347-2-3-annex J
- Extended lamp life in frequent-switching applications, e.g. where occupancy sensors or motion detectors are used
- For luminaires of protection class I and protection class II used in office buildings, hospitals, supermarkets, department stores, industrial premises and schools

Versions



Dimensional drawing



Product	D1	C1	A1	A2	B1
HF-Pi 2 28/35/49/54 TL5 EII 220-240V	4.2 mm	22 mm	360 mm	350 mm	30 mm
HF-Pi 2 14/21/24/39 TL5 EII 220-240V	4.2 mm	22 mm	360 mm	350 mm	30 mm

Product	D1	C1	A1	A2	B1
HF-Pi 1 28/35/49/80 TL5 EII	4.2 mm	22 mm	360 mm	350 mm	30 mm

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Dimensional drawing

Δ 7

Product	D1	C1	A1	A2	B1
HF-Pi 3/4 14/24 TL5/PL-L EII 220-240V	4.2 mm	22 mm	360 mm	350 mm	30 mm

Approval and Application	
Energy Efficiency Index	A2 BAT
Operating and Electrical	
Input Frequency	50 to 60 Hz
Input Voltage	220 to 240 V
Emergency Operation	
Emergency Ballast Lumen Factor (EBLF) (Nom)	100 %
General Information	
Number Of Products On MCB (16A Type B) (Nom)	12
Mechanical and Housing	
Housing	L360x30x22

General Information

Order Code	Full Product Name	Number Of Lamps	Lamp Type
91500930	HF-Pi 2 14/21/24/39 TL5 220-240V	2 piece/unit	TL5
91502330	HF-Pi 2 28/35/49/54 TL5 220-240V	2 piece/unit	TL5

Order Code	Full Product Name	Number Of Lamps	Lamp Type
86249200	HF-Pi 1 28/35/49/80 TL5 EII 220-240V	1 piece/unit	TL5
88775400	HF-Pi 3/4 14/24 TL5/PL-L EII 220-240V	3/4 piece/unit	TL5/PL-L

System characteristics

Order Code	Full Product Name	Lamp Power On TL5	Lamp		
			Power On TL5 HE	Power On TL5 HO	Rated Ballast-Lamp Power
91500930	HF-Pi 2	-	28.6/42.8	46.8/71.2	14-39 W
	14/21/24/39		W	W	
	TL5 220-240V				
91502330	HF-Pi 2	27.5/34.4/45.6/48.4	-	-	28-54 W
	28/35/49/54	W			
	TL5 220-240V				
86249200	HF-Pi 1	30.7/38.7/50.2/84	-	-	28/35/49/80
	28/35/49/80	W			W
	TL5 EII 220-240V				

Order Code	Full Product Name	Lamp Power On TL5	Lamp		
			Power On TL5 HE	Power On TL5 HO	Rated Ballast-Lamp Power
88775400	HF-Pi 3/4	-	57.5/44 W	91.5/71.3	14/24 W
	14/24 TL5/PL-L			W	
	L EII 220-240V				

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