

# Lighting

**PHILIPS** 

# HF-Essential II for TL5/TL-D

## HF-E 418 TL-D II 220-240 50/60Hz

Essentially smart and reliable. HF-Essential II is the most cost-effective solution for reliably operation of a fluorescent lamp. It is also the ideal entry-level product for electromagnetic system users who want to take advantage of the benefits provided by electronic ballasts. The cost-saving and reliable HF-Essential II is energy efficiency class A2, and its robust design meets all relevant international safety and performance standards. HF- Essential II is the ideal choice for a broad range of new construction and retrofit applications within the commercial sector, including general surface mounting and office lighting, parking garages, warehouses and other applications.

#### **Product data**

Operating and Electrical			
Input Voltage	220 to 240 V		
Line Frequency	50 to 60 Hz		
Input Frequency	50 to 60 Hz		
Earth Leakage Current (Max)	0.5 mA		
Inrush Current Width	0.37 ms		
Inrush Current Peak (Max)	20 A		
Number of Products on MCB (16A Type B)	16		
(Nom)			
Wiring			
Connector Type Input Terminals	Insert		
Connector Type Output Terminals	Insert		
Temperature			
Ambient temperature range	-10 °C to 50 °C		

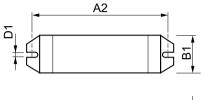
T-Case Lifetime (Nom)	80 °C			
T-Case Maximum (Max)	80 °C			
Mechanical and Housing				
Housing	L 211x40x28.7			
Approval and Application				
Ingress protection code	IP20 [Finger-protected]			
Energy Efficiency Index	A2			
Approval Marks	CE marking CB Certificate KEMA Keur			
	certificate RoHS Compliant			
Product Data				
Order product name	HF-E II 418 TL-D 220-240V 50/60Hz			
Full product name	HF-E 418 TL-D II 220-240 50/60Hz			
Full product code	871829177060200			

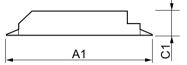
### HF-Essential II for TL5/TL-D

Order code	77060200
Material Nr. (12NC)	913713041266
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291770602

Numerator - Packs per outer box	20
EAN/UPC - Case	8718291770619

#### Dimensional drawing





Product	D1	C1	A1	A2	B1
HF-E II 418 TL-D 220-240V 50/60Hz	4.2 mm	28.7 mm	211.0 mm	198.0 mm	39.6 mm



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