

PHILIPS

Lighting



HF-Essential for TL5/TL-D

HF-E 136 TL-D 220-240 50/60Hz

Essentially smart and reliable. HF-Essential is the most cost-effective, slim and affordable ballast to reliably operate a fluorescent lamp. It is also the ideal entry-level product for EM system users who want to enjoy the benefits offered by electronic ballasts. The cost-saving and reliable HF-Essential has an energy efficiency class A2, and its robust design meets all relevant international safety and performance standards. HF-Essential is intended for use with indoor lighting fixtures such as recessed luminaires, which are largely used in office, industrial, hotel, restaurant and other applications. The ballast is primarily designed for indoor application. For outdoor application, the luminaire should be minimum Class 1 and need to be sufficiently protected against water & dust. The installation should also be guard against any lightening surge or any other necessary electrical protection as deemed in such typical installation & application.

Product data

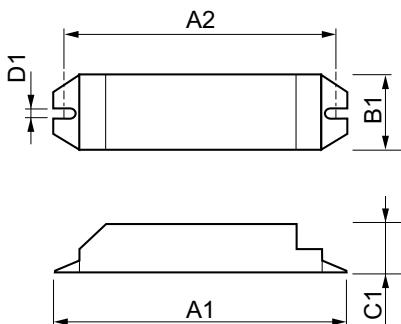
Operating and Electrical		Temperature	
Input Voltage	220 to 240 V	T-Case Lifetime (Nom)	75 °C
Line Frequency	50 to 60 Hz	T-Case Maximum (Max)	75 °C
Input Frequency	50 to 60 Hz	Mechanical and Housing	
Earth Leakage Current (Max)	0.5 mA	Housing	L 150x40x28
Inrush Current Width	0.37 ms	Ingress protection code	IP20 [Finger-protected]
Inrush Current Peak (Max)	15 A	Net Weight (Piece)	0.069 kg
Wiring		Approval and Application	
Connector Type Input Terminals	Insert	Energy Efficiency Index	A2
Connector Type Output Terminals	Insert	Approval Marks	CE marking C-Tick certificate CB Certificate KEMA Keur certificate RoHS Compliant

HF-Essential for TL5/TL-D

Ambient temperature range	-10 °C to 50 °C
Product Data	
Order product name	HF-E 136 TL-D 220-240 50/60Hz
Full product name	HF-E 136 TL-D 220-240 50/60Hz
Full product code	871829166867100
Order code	913713038866

Material Nr. (12NC)	913713038866
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291668671
Numerator - Packs per outer box	20
EAN/UPC - Case	8718291668688

Dimensional drawing



Product	D1	C1	A1	A2	B1
HF-E 136 TL-D 220-240 50/60Hz	4.2 mm	28.0 mm	150.0 mm	136.0 mm	40.0 mm

