

# PHILIPS

# Lighting



## EB-E Electronic ballasts for TL-D lamps (India)

### EBE 236 TLD 240

Compact, lightweight, high-frequency electronic ballast for TL-D lamps

#### Product data

General Information	
Lamp Type	TL-D
Number of Lamps	2 piece/unit
Automatic Restart	Yes

  

Operating and Electrical	
Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz
Operating Frequency (Min)	42 kHz
Ignition Method	Instant Start
Crestfactor (Max)	1.8
Power Factor 100% Load (Nom)	0.95
Ignition Time (Max)	0.15 s
Mains Voltage Performance (AC)	221-254V
Mains Voltage Safety (AC)	216-264V
Constant Wattage Deviation	Not specified
Power Losses (Nom)	8 W

Wiring	
Connector Type Input Terminals	WAGO 251 universal connector [ Suitable for both automatic wiring (ALF and ADS) and manual wiring]
Connector Type Output Terminals	WAGO 251 universal connector [ Suitable for both automatic wiring (ALF and ADS) and manual wiring]
Wire Striplength	9.0-10.0 mm
Input Terminal Cross Section	0.50-1.50 mm <sup>2</sup>
Output Terminal Cross Section	0.50-1.50 mm <sup>2</sup>

System characteristics	
Rated Ballast-Lamp Power	36 W

  

Temperature	
T-Ambient (Max)	50 °C
T-Ambient (Min)	0 °C
T-Storage (Max)	85 °C
T-Storage (Min)	-40 °C
T-Case Maximum (Max)	65 °C

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T-Ignition (Min)	0 °C
<b>Emergency Operation</b>	
Battery Voltage Lamp Ignition	198-254 V
Battery Voltage Lamp Operation	Not specified
<b>Approval and Application</b>	
Energy Efficiency Index	Not specified
EMI 9 kHz ... 30 MHz	Not specified
EMI 30 MHz ... 1000 MHz	-
Safety Standard	- [ Not specified]
Performance Standard	Not Specified
Harmonic Current Emission Standard	Not Specified
EMC Immunity Standard	IEC 61547
Vibration Standard	-
Bumps Standard	Not specified

Humidity Standard	EN 61347-2-3 clause 11
Temperature Marking	Not specified
Hum And Noise Level	Inaudible
<b>Product Data</b>	
Full product code	871150088486200
Order product name	EBE 236 TLD 240
EAN/UPC - Product	8711500884862
Order code	913702242112
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	913702242112
Net Weight (Piece)	0.134 kg

### Dimensional drawing

A2

Product	D1	C1	A1	A2	B1
EBE 236 TLD 240	4.0 mm	30.0 mm	211.0 mm	200.0 mm	40.0 mm

EB-E 236 TL-D 220-240V 50/60Hz

