



# EB-Certalume for TL-D lamps

## EB-C 136 TL-D 220-240V 50/60Hz

Affordable, reliable, high-frequency electronic ballast for TL-D fluorescent lamps, ideal alternative to electromagnetic fluorescent systems. The cost-saving and reliable EB-C has energy efficiency class A2, and its robust design meets all necessary international standards for safety and EMC. The ballast is primarily designed for indoor application. For outdoor application, the luminaire should be minimum Class II and need to be sufficiently protected against water & dust. The installation should also be guard against any lightning surge or any other necessary electrical protection as deemed in such typical installation & application. Don't use this driver if lamp is exposed to temperature below 0 deg C.

### Product data

General Information		Power Losses (Nom)	4.4 W
Type Version	mk1	<b>Wiring</b>	
Lamp Type	TL-D	Connector Type Input Terminals	250 manual connector [ Suitable for manual wiring and easy release button]
Number of Lamps	1 piece/unit	Cable Capacity Output Wires Mutual (Max)	120 pF
Number of Products on MCB (16A Type B) (Nom)	18	Color Input Terminals	Orange
Automatic Restart	No	Color Output Terminals	Grey
<b>Operating and Electrical</b>		Connector Type Output Terminals	250 manual connector [ Suitable for manual wiring and easy release button]
Input Voltage	220 to 240 V	Cable Length Hot Wiring	0.75 m
Input Frequency	50 to 60 Hz	Wire Striplength	9.0-10.0 mm
Operating Frequency (Nom)	42-60 kHz	Dual Fixture Master/Slave	Possible, lamp wires 2m max. length [ Master/Slave operation possible]
Power Factor 100% Load (Nom)	0.95	Input Terminal Cross Section	0.50-1.50 mm <sup>2</sup>
Mains Voltage Safety (AC)	-10%-+10%	Output Terminal Cross Section	0.50-1.50 mm <sup>2</sup>
Earth Leakage Current (Nom)	0.7 mA		

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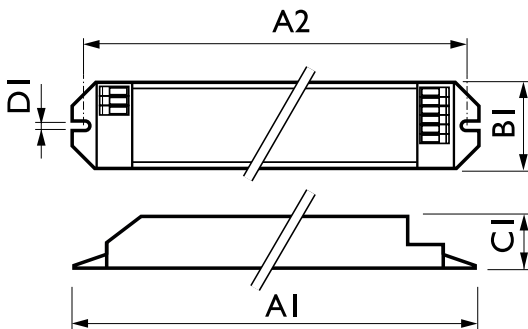
Cable Capacity Output Wires to Earth (Max)	120 pF
<b>System characteristics</b>	
Rated Ballast-Lamp Power	36 W
Rated Lamp Power on TL-D	36 W
System Power on TL-D	37 W
Lamp Power on TL-D	32.6 W
Power Loss on TL-D	4.4 W
<b>Temperature</b>	
T-Case Lifetime (Nom)	75 °C
<b>Mechanical and Housing</b>	
Housing	L 150x40x28
<b>Emergency Operation</b>	
Battery Voltage Lamp Ignition	165-253 V
<b>Approval and Application</b>	
Energy Efficiency Index	A2

IP Classification	IP 20 [ Ingress Protection 20]
Overvoltage Protection 276Vac	48 h
EMI 9 kHz ... 30 MHz	EN55015
Vibration Standard	IEC68-2-6 F c
Bumps Standard	IEC 68-2-29 Eb
Humidity Standard	IEC 61347-2-3
Approval Marks	CCC certificate CB Certificate

### Product Data

Full product code	872790085878500
Order product name	EB-C 136 TL-D 220-240V 50/60Hz
EAN/UPC - Product	8711500998149
Order code	913713199215
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	20
Material Nr. (12NC)	913713199215
Net Weight (Piece)	0.090 kg

### Dimensional drawing



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Product	D1	C1	A1	A2	B1
EB-C 136 TL-D 220-240V 50/60Hz	4.2 mm	28.0 mm	150.0 mm	140.0 mm	40.0 mm

