



# EB-Certalume for TL-D lamps

## EB-C 236 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 use. For outdoor use, the luminaire should be minimum Class II and needs to be sufficiently protected against water and dust. The installation should also be guarded against lightning surges or given any other necessary electrical protection as deemed in this type of installation and application. Don't use this driver if the lamp is exposed to temperatures below 0 °C.

### Product data

General information		Power losses (nom.)	
Type version	mk1		8.0 W
Lamp type	TL-D	Wiring	
Number of lamps	2 piece/unit	Connector type input terminals	250 manual connector [ Suitable for manual wiring and easy release button]
Number of products on MCB (16 A type B) (nom.)	28	Cable capacity output wires mutual (max.)	120 pF
Automatic restart	No	Colour input terminals	Orange
Operating and electrical		Colour output terminals	Grey
Input Voltage	220 to 240 V	Connector type output terminals	250 manual connector [ Suitable for manual wiring and easy release button]
Input frequency	50 to 60 Hz	Cable length hot-wiring	0.75 m
Operating frequency (nom.)	42-60 kHz	Wire strip length	9.0-10.0 mm
Power factor 100% load (nom.)	0.97	Dual fixture master/slave	Possible, lamp wires 2m max. length [ Master/Slave operation possible]
Mains voltage safety (AC)	-10%-+10%	Input terminal cross section	0.50-1.50 mm <sup>2</sup>
Earth leakage current (nom.)	0.5 mA	Output terminal cross section	0.50-1.50 mm <sup>2</sup>

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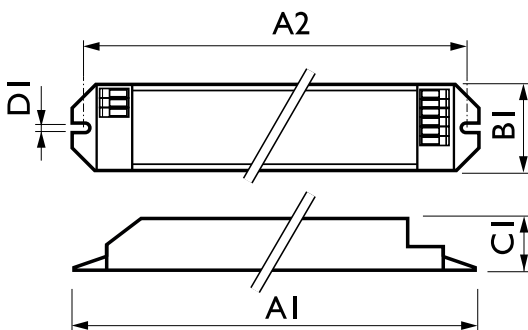
Cable capacity output wires to earth (max.)	120 pF
<b>System characteristics</b>	
Rated ballast-lamp power	36 W
Rated lamp power on TL-D	36 W
System power on TL-D	69.7 W
Lamp power on TL-D	61.6 W
Power loss on TL-D	8.0 W
<b>Temperature</b>	
T-case lifetime (nom.)	75 °C
T-case lifetime (nom.)	75 °C
<b>Mechanical and housing</b>	
Housing	L 210x40x30
<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 276 VAC	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	872790085880800
Order product name	EB-C 236 TL-D 220-240V 50/60Hz
EAN/UPC – product	8711500998163
Order code	85880800
SAP numerator – quantity per pack	1
Numerator – packs per outer box	20
SAP material	913713199315
Net Weight (Piece)	0.130 kg

### Dimensional drawing



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Product	D1	C1	A1	A2	B1
EB-C 236 TL-D 220-240V 50/60Hz	4.2 mm	30.0 mm	210.0 mm	200.0 mm	40.0 mm

