

# EB-Certalume for TL-D lamps

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



EB-Certalume is the most cost-effective, slim and affordable ballast for reliable operation of a fluorescent lamp. It is also the ideal entry-level product for electromagnetic system users who want to enjoy the benefits offered by electronic ballasts. The cost-saving and reliable EB-Certalume has energy efficiency class A2, and its robust design meets all relevant international safety and performance standards. EB-Certalume is intended for use with indoor lighting fixtures such as recessed luminaires, which are widely used in office, industrial, hotel, restaurant and other applications.

## Product data

### • General Characteristics

Rated Lamptype	TL-D
Rated Number of Lamps	1 piece
Rated Ballast-Lamp Power	36
Line Voltage	220-240 V
Line Frequency	50/60 Hz
Housing	L 150x40x28
Energy Efficiency Index	A2

### • Operating Characteristics

Automatic restart	No
Operating frequency *	42-60 kHz
Mains voltage safety (AC)	-10%/+10%
Earth leakage current	0.7 mA
Power losses gear	5.5 W
PowerFactor 100% output power	0.95 -
Battery voltage lamp ignition	165-253 V
Overvoltage protection 276Vac	48 hr
Max ballast on MCB(16A type B)	18 x

### • Wiring Characteristics

Cable-Cap output-wires to earth	120 (max) pF
Cable-Cap output-wires mutual	120 (max) pF
Color input terminals	Orange

Color output terminals	Grey
Conn.type input terminals	250 manual connector [Suitable for manual wiring and easy release button]
Conn.type output terminals	250 manual connector [Suitable for manual wiring and easy release button]
Max. cable length	0.75 m
Hot Wires	
Striplength	9.0-10.0 mm
Dual fixture Master/Slave	Possible, lamp wires 2m max. length [Master/Slave operation possible]
Wcs Input terminals	0.50-1.50 mm <sup>2</sup>
Wcs Output terminals	0.50-1.50 mm <sup>2</sup>

### • System Chars on driver level

Rated Lamp Power on TL-D	36
System Power on TL-D	37.5
Lamp Power on TL-D	32
Power Loss on TL-D	5.5

### • Temperature Characteristics

T-case life	65 C
T-case maximum	65 (max) C

### • Product Dimensions

Length A1	150.0 mm
Fixing Hole Distance	140.0 mm
Length A2	

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Width B1 40.0 mm  
 Height C1 28.0 mm  
 Fixing Hole Diameter D1 4.2 mm

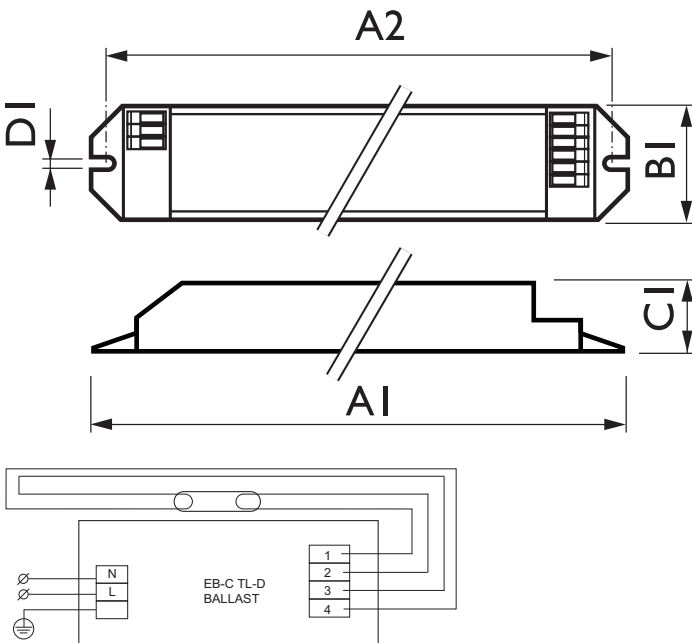
### • Approval & Application Chars

EMI 9kHz .. 30 MHz EN 55015  
 Vibrations IEC 68-2-6 Fc  
 Bumps IEC 68-2-29 Eb  
 Humidity IEC 61347-2-3  
 CE marking No  
 ENEC certificate No  
 VDE certificate No  
 VDE-EMV certificate No  
 ASNZS certificate No  
 CCC certificate Yes  
 CB Certificate Yes

### • Product Data

Order code 913713199218  
 Full product code 913713199218  
 Full product name EB-C 136 TL-D 220-240V 50/60Hz  
 Order product name EB-C 136 TL-D 220-240V 50/60Hz  
 Pieces per pack 1  
 Packing configuration 20  
 Packs per outerbox 20  
 Bar code on pack - EAN1 8718291125266  
 Bar code on outerbox - EAN3 8718291125273  
 Logistic code(s) - 12NC 913713199218  
 Net weight per piece 0.080 kg

### Dimensional drawing



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

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



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 data subject to change