

EB-Certalume for TL-D lamps

EB-C 236 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	2 piece
Rated Ballast-Lamp Power	36
Line Voltage	220-240 V
Line Frequency	50/60 Hz
Housing	L 210x40x30
Energy Efficiency Index	A2

• Operating Characteristics

Automatic restart	No
Operating frequency *	42-60 kHz
Mains voltage safety (AC)	-10%/+10%
Earth leakage current	0.5 mA
Power losses gear	8.0 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)	28 x

• Wiring Characteristics

Cable-Cap output-wires to earth	120 (max) pF
Cable-Cap output-wires mutual	120 (max) pF

Colour input terminals	Orange
Colour 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 ²
Wcs Output terminals	0.50-1.50 mm ²

• System Chars on driver level

Rated Lamp Power on TL-D	36
System Power on TL-D	72.5
Lamp Power on TL-D	64
Power Loss on TL-D	8.5

• Temperature Characteristics

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

• Product Dimensions

Length A1	210.0 mm
-----------	----------

PHILIPS

EB-Certalume for TL-D lamps

Fixing Hole Distance 200.0 mm
 Length A2
 Width B1 40.0 mm
 Height C1 30.0 mm
 Fixing Hole Diameter 4.2 mm
 D1

CB Certificate Yes

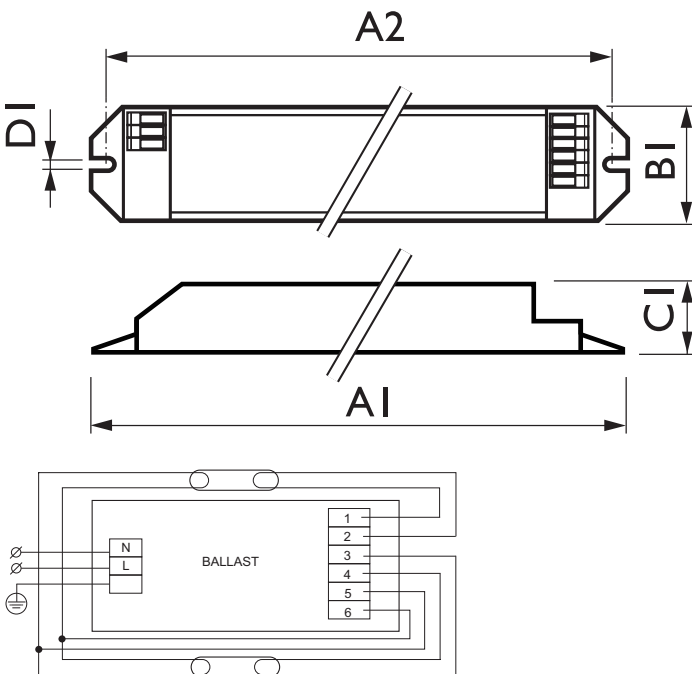
• Approval & Application Chars

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

• Product Data

Order code 125341 00
 Full product code 871829112534100
 Full product name EB-C 236 TL-D 220-240V 50/60Hz
 Order product name EB-C 236 TL-D 220-240V 50/60Hz
 Pieces per pack 1
 Packing configuration 20
 Packs per outerbox 20
 Bar code on pack - EAN1 8718291125341
 Bar code on outerbox - EAN3 8718291125358
 Logistic code(s) - 12NC 913713199318
 Net weight per piece 0.130 kg

Dimensional drawing



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

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



© 2014 Koninklijke Philips N.V. (Royal Philips)
 All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips N.V. (Royal Philips) or their respective owners.

www.philips.com/lighting

2014, February 12
 data subject to change