

An energy-efficient solution

EB-Certalume for TL-D lamps

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 be sufficiently protected against water and dust. The installation should also be protected against lightning surges or any other electrical protection deemed necessary in this type of installation and application.

Benefits

- Energy-saving solution (CELMA A2)
- Long lifetime of 45,000 hours @ Ta=50 °C
- Conforming to international standards for safety and EMC

Features

- Energy-efficient CELMA A2, high power factor 0.97 with THD < 18%
- Safety according to IEC 61347-2-3, and EMC-compliant with EN 55015 2006 + A1 2007
- Robust design for 45,000 hours lifetime at Ta 50 °C and avg. 6,000 on/off switches on one lamp
- Quick warm, flicker-free lamp start (< 1.0 s), no ignitor needed
- Wide voltage range for ignition and operation (165-253 V)

Application

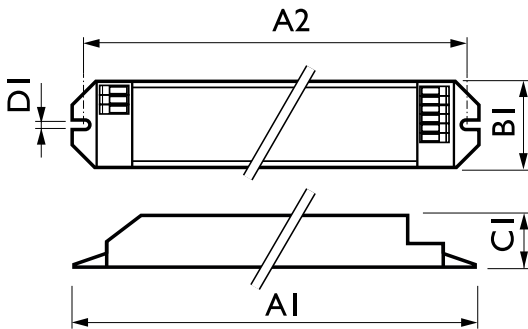
- Ideal for applications with long burning hours and infrequent on/off switching activity
- Professional indoor applications (e.g. offices and hotels), department stores, shops, supermarkets and public areas and indoor lighting boxes and homes

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Versions



Dimensional drawing



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
EB-C 136 TL-D 220-240V 50/60Hz	4.2 mm	28.0 mm	150.0 mm	140.0 mm	40.0 mm

Approval and Application	
Energy Efficiency Index	A2
Operating and Electrical	
Input Frequency	50 to 60 Hz
Input Voltage	220 to 240 V
General Information	
Lamp Type	TL-D
System characteristics	
Rated Ballast-Lamp Power	36 W

General Information

Order Code	Full Product Name	Number Of Products On MCB (16A Type B) (Nom)	Number Of Lamps
913713199215	EB-C 136 TL-D 220-240V 50/60Hz	18	1 piece/unit

Order Code	Full Product Name	Number Of Products On MCB (16A Type B) (Nom)	Number Of Lamps
913713199315	EB-C 236 TL-D 220-240V 50/60Hz	28	2 piece/unit

Mechanical and Housing

Order Code	Full Product Name	Housing
913713199215	EB-C 136 TL-D 220-240V 50/60Hz	L 150x40x28

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Order Code	Full Product Name	Housing
913713199315	EB-C 236 TL-D 220-240V 50/60Hz	L 210x40x30

System characteristics

Order Code	Full Product Name	Lamp Power On TL-D
913713199215	EB-C 136 TL-D 220-240V 50/60Hz	32.6 W

Order Code	Full Product Name	Lamp Power On TL-D
913713199315	EB-C 236 TL-D 220-240V 50/60Hz	61.6 W

