PHILIPS Lighting



Product Description

EB-Certalume for TL5 lamps

Affordable, reliable, high frequency electronic ballast for TL5 fluorescent lamps, ideal alternative for electromagnetic (EM) ballasts

Benefits

- Energy efficient, CELMA A3, saving 25% energy compared to electromagnetic "Ctype" ballasts
- The EB-C TL5 range has a robust design and meets safety, EMC and Immunity tests including safety approbation via an external test-house covering IEC/EN 61347.
- · Ideal alternative for electromagnetic ballast, no ignitor needed

Features

- Energy efficient CELMA A3
- Complying to CCC certificate including safety acc IEC 61347
- \cdot 25.000 hour lifetime at Tc max. and 3.000 on/off switches on one lamp.
- \cdot Rapid, flicker-free or warm lamp start (< 2.0 s)
- \cdot High power factor 0.95 with THD <25%
- EMC compliant to EN 55015 2006 + A1 2007
- 45 degree connector for easy connection with push button release.

Application

- Designed for applications where lamps burn for a long period of time and switching cycle (on/off) is infrequent. Typical areas of application include:
- Professional indoor applications (e.g. offices and hotels)
- $\boldsymbol{\cdot}$ Department stores, shops, supermarkets and public area's
- Indoor lighting boxes
- Homes

EB-Certalume for TL5 lamps

Versions

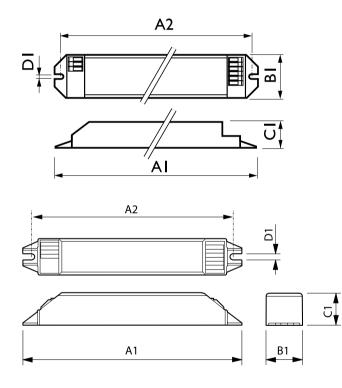




EB-Ci 1-2 14-28W 220-240V 50/60 Hz

EB-C 114 TL5 220-240V 50/60Hz

Dimensional drawing



Approval and application		
Energy Efficiency Index	A2	
General information		
Lamp Type	TL5	

Product	D1	C1	A1	A2	B1
EB-C 114 TL5 220-240V	4.2 mm	21.0 mm	275.0 mm	265.0 mm	19.8 mm
50/60Hz					
EB-C 128 TL5 220-240V	4.2 mm	21.0 mm	275.0 mm	265.0 mm	19.8 mm
50/60Hz					

Product	A1	A2	B1	C1	D1
EB-Ci 1-2 14-28W 220-240V 50/60	210 mm	200 mm	30 mm	26 mm	4.3 mm
Hz					

Operating and electrical

Order Code	Full Product Name	Input Frequency	Input Voltage
13355000	EB-Ci 1-2 14-28W 220-240v 50/60 Hz	50 or 60 Hz	220-240 V
88654200	EB-C 114 TL5 220-240V 50/60Hz	50 to 60 Hz	220 to 240 V

Order Code	Full Product Name	Input Frequency	Input Voltage
88656600	EB-C 128 TL5 220-240V 50/60Hz	50 to 60 Hz	220 to 240 V

EB-Certalume for TL5 lamps

General information

		Number Of Products	;
		On MCB (16A Type	
Order Code	Full Product Name	B) (Max)	Number Of Lamps
13355000	EB-Ci 1-2 14-28W 220-240v	30	1-3 piece/unit
	50/60 Hz		
88654200	EB-C 114 TL5 220-240V	-	1 piece/unit
	50/60Hz		

		Number Of Pro	oducts
		On MCB (16A T	уре
Order Code	Full Product Name	B) (Max)	Number Of Lamps
88656600	EB-C 128 TL5 220-240V	-	1 piece/unit
	50/60Hz		

Mechanical and housing

Order Code	Full Product Name	Housing
13355000	EB-Ci 1-2 14-28W 220-240v 50/60 Hz	L210x30x26mm
88654200	EB-C 114 TL5 220-240V 50/60Hz	L 275x20x21

Order Code	Full Product Name	Housing
88656600	EB-C 128 TL5 220-240V 50/60Hz	L 275x20x21

System characteristics

		Lamp Power On	Rated Ballast-
Order Code	Full Product Name	TL5	Lamp Power
13355000	EB-Ci 1-2 14-28W 220-240v	14.5-27.8 W	-
	50/60 Hz		

		Lamp Power On	Rated Ballast-
Order Code	Full Product Name	TL5	Lamp Power
88654200	EB-C 114 TL5 220-240V 50/60Hz	14.8 W	14 W
88656600	EB-C 128 TL5 220-240V 50/60Hz	28.3 W	28 W



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