



# EB-Certalume for TL5 lamps

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

Affordable, reliable, high-frequency electronic ballast for TL5 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 application. For outdoor application, the luminaire should be minimum Class II and need to be sufficiently protected against water & dust. The installation should also be guard against any lightning surge or any other necessary electrical protection as deemed in such typical installation & application.

### Product data

General Information	
Lamp Type	TL5
Number of Lamps	1 piece/unit
Automatic Restart	No
Operating and Electrical	
Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz
Operating Frequency (Nom)	40-60 kHz
Power Factor 100% Load (Nom)	0.97
Mains Voltage Performance (AC)	220-240V-50-60HZ
Mains Voltage Safety (AC)	-10%-+10%
Earth Leakage Current (Max)	0.7 mA
Power Losses (Nom)	3.5 W

Wiring	
Connector Type Input Terminals	250 manual connector [ Suitable for manual wiring and easy release button]
Color Input Terminals	Orange
Color Output Terminals	Grey
Connector Type Output Terminals	250 manual connector [ Suitable for manual wiring and easy release button]
Cable Length Hot Wiring	0.75 m
Wire Striplength	7.5-8.5 mm
Dual Fixture Master/Slave	No [ Master/Slave operation not possible]
Input Terminal Cross Section	0.50-1.50 mm <sup>2</sup>
Output Terminal Cross Section	0.50-1.50 mm <sup>2</sup>
Cable Capacity Output Wires to Earth (Max)	120 pF

System characteristics	
Rated Ballast-Lamp Power	14 W
Rated Lamp Power on TL5	14 W

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System Power on TL5	18.3 W
Lamp Power on TL5	14.8 W
Power Loss on TL5	3.5 W

### Temperature

T-Case Lifetime (Nom)	75 °C
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### Mechanical and Housing

Housing	L 275x20x21
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### Approval and Application

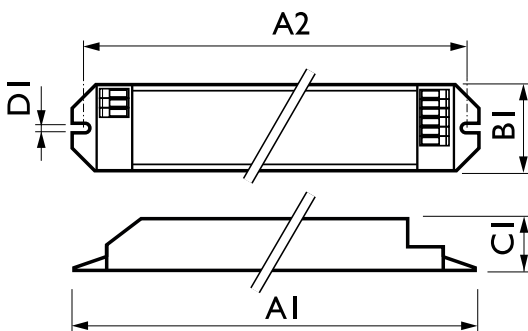
Energy Efficiency Index	A2
IP Classification	IP 20 [ Ingress Protection 20]
Oversvoltage Protection 276Vac	48 h
EMI 9 kHz ... 30 MHz	EN55015
Vibration Standard	IEC68-2-6 F c

Bumps Standard	IEC 68-2-29 Eb
Humidity Standard	IEC 61347-2-3
Approval Marks	CCC certificate CB Certificate

### Product Data

Full product code	872790088654200
Order product name	EB-C 114 TL5 220-240V 50/60Hz
EAN/UPC - Product	8711500998903
Order code	913713196214
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	50
Material Nr. (12NC)	913713196214
Net Weight (Piece)	0.044 kg

### Dimensional drawing



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

