

Bluetooth LED Dimmer

Zigbee smart wireless controller

Electrical Characteristics

- $T_a = 25^\circ\text{C}$
- 11-26VDC input
- standard reference load; unless otherwise specified

Input Parameters

Rated Input Voltage	U_{in}	11-26 VDC
Maximum Input Current	I_{in}	3 A
Maximum Input Power	P_{in}	72 W
THD(Full load)		

Output Parameters

Output Voltage	V_{out}	11-26 VDC
Maximum Output Current		3 A
Maximum Output Power (Full load)	P_{out}	72 W

Ambient

Storage Temperature	t_s	$-20^\circ\text{C} \dots +70^\circ\text{C}$
Operating Ambient Temperature	t_a	$-20^\circ\text{C} \dots +50^\circ\text{C}$
Case Temperature at t_c Point	t_c	70°C

Protection

Over Load		---
Over Temperature		$85^\circ\text{C} - 95^\circ\text{C}$
Short Circuit		---

System Parameters

Dimming Range		5% ~ 100%
Color temperature range		3000K-5000K(Depending on the load)
Color range		---
Noise (5cm distance)		Sound Pressure Level < 25dB
Stroboscopic degrees		

Reliability Data

Lifetime		50,000 hours at case temp. $t_c = +80^\circ\text{C}$ & full load.
MTBF		500 khours at $+50^\circ\text{C}$ ambient temperature, Telcordia SR-332.
Warranty life		5 years at $+50^\circ\text{C}$ ambient temperature.

C3AZ-CW

Compliances and approvals

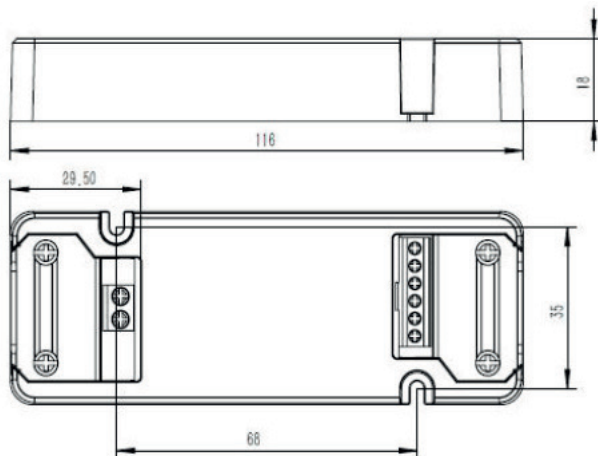
Safety		EN60669-1,EN60669-2-1
EMC/EMF		EN 55015,EN 61000-3-2, EN 61000-3-3, EN 61547
CE RED		EN 300328,EN 301489-1, EN 301489-17,EN 62311
Immunity		---

Note

- 1 Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uF & 47uF parallel capacitor.
2. Expected Life:tc=80°C ,0.2%/1000h failure rate

Physical Parameter

Dimensions(LxWxH) 116x42x18mm
 Housing Material:PC Plastic
 Captured Terminal Screw for 0.75~1.5mm2



Wiring

