

# AR111 SPOTLIGHT

## WITH TRIAC DIMMABLE LED DRIVER

**ZICO**<sup>®</sup>  
LIGHTING  
WORLDWIDE

Ultra dimmable, flicker-free LED spotlight with Triac dimmable driver, producing up to 950 lumens at 2200K and CRI95. This product comes with 30,000 hours lifetime and 3 years warranty.

Item number: ZL-AR111/16W2215B

### LAMP

Style	AR111 Spotlight
Socket	G53
LED Wattage / Equivalent	LED 16w / 60W
Lumen	950 Lm
CCT	2200K
CRI	95
Glass finish	Clear
Housing finish	Black
Warranty	3 years



### LAMP PERFORMANCE

Lifetime	30,000 hours
Starting time	<0.5 sec
Voltage	36V DC
Hz	50/60 Hz
Rated current	400mA
Power factor	>0.9
Operating temperature	-20°C to +40°C
Energy Efficiency	59,4 lm/W
Energy Class	G ( G -> A scale)
Beam Angle	15°

*NB! This light is for indoor use only and is not suitable for use in sealed fixtures, wet environments or for integral primary optics.*

### DIMMING

Dimmable	Yes (Leading and Trailing Edge)
Recommended dimmer	Zico by Anytronics

Also compatible with products from other global dimming brands. If unsure, please contact us to confirm before purchasing.

### DIMENSIONS

Lamp Weight	Up to 250g
Driver Weight	Up to 100g
Carton q'ty	20

### EAN-13 CODE

ZL-AR111/16W2215B 5060537723549



Our lamps as well as the technologies behind them are subject to continuous improvements. All specification is subject to change without notice. Please refer to our website for the most up to date information.

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## DRIVER PERFORMANCE

Dimming Interface	AC phase cut dimming (Triac Dimming)
Input Voltage	200 – 250 V AC
Input Current	<0.14A AC230V
Frequency	50 / 60 Hz
Output Mode	Constant Current
Output Current	400 / 450 / 500 / 550mA
Output Voltage	26-42V DC
Non-load Output Voltage	49V DC
Output Power	10.4W-23W
Power factor	>0.98/230V AC (on full load)
Efficiency (typ.)	85%
Inrush Current (typ.)	Cold start 0.8A at 230V AC
Anti Surge	L-N:1.5kV
Leakage Current	<0.25mA at 230V AC

## DRIVER ENVIRONMENT & SAFETY

Working Temperature	Ta: 45°C / Tc: 85°C
Working Humidity	20 – 95%RH, non-condensing
Storage Temp / Humidity	40°C - 80°C / 10-95%RH
Vibration	10-500Hz, 2G 12min/1 cycle, period for 72 min each along X, Y, Z axes
Withstand Voltage	I/P-O/P: 3750V AC
Isolation Resistance	I/P-O/P: 100MΩ / 500V DC / 25°C / 70%RH

- Adjust / turns off output current, if PCB temp >110°C, auto recovery.
- Output shut down, if rated power >102%, auto recovery.
- Automatic shut down, if short circuit occurs, auto recovery.

## DRIVER CONFORMITY & STANDARDS

IEC/EN61347-1, IEC/EN61347-2-13, EN55015, EN61000-3-2 Class C, IEC61000-3-3, EN61000-4-2,3,4,5,6,8,11, EN61547, IEC61789



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