

Features

- Designed as a direct retrofit to most AR111 lighting fixtures
- Low power consumption. 15W LED lamp, for replacement of 75W halogen lamp
- Long life. 50,000 hours rated life to 70% of initial light output
- Unique thermal system. It's effective to keep LED junction temperature below 90°C, with only 56°C of housing temperature
- Wide selections of CCT and beam angle
- Excellent color rendering. CRI - 80 with warm white and neutral white
- RoHS compliant
- UV and IR free



Product Offering

Item	Wattage	Input Voltage	Color Temperature
AR111F-08-15W3-40B	15W	12VAC/DC	2800K (Warm White)
AR111F-08-15C2-40B	15W	12VAC/DC	5500K (Cool White)

- Beam Angle selection 15° / 25° / 40° / 60° / 80° full beam angle
- CCT range selection: 2500-4000K; 5000-6500K
- Housing finish: black or silver
- Please contact our lighting consultants for dimming compatibility

Description

Luminux is proud to present you the first high luman output AR111 LED lamp. The superior thermal efficiency design with a high lumen output makes this the only successful AR111 in the market. This product has 2 international patents. A light output equivalent to a 75W Halogen AR111. The Luminux AR111 LED lamp consumes only 15W of power.

Application Information

Applications

- Tracking lighting
- Spot lighting
- Display and cabinet lighting
- Architectural lighting
- Art gallery and museum
- Industrial and commercial area lighting

Notes

- Operating temperature range between -20°C and +40°C (-4°F and +104°F)
- For used in dry indoor only
- Not for use with dimmers if it is marked non-dimmbale
- Not for use where exposed to weather
- Not for use in totally enclosed recessed fixtures
- Not intended for use with emergency exit fixtures or emergency lights.
- Don't look into the light directly

Parkwell Lighting International Limited

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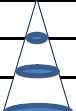
Performance Summary

Item	Nominal		Lumen Output	Beam Angle	CRI	Efficiency	Housing Temperature
	Wattage	Input Voltage CCT					
AR111F-0815W3-40B	15W	12VAC/DC 2800-3000K	510lm	40°	82	80%	56°C
AR111F-0815C2-40B	15W	12VAC/DC 5500-6500K	630lm	40°	75	80%	56°C


Note: All specifications @ 25°C ambient condition

Photometrics

Throw Distance	2800-3000K / 25°		2800-3000K / 40°		2800-3000K / 80°	
	Beam width	Illuminance	Beam width	Illuminance	Beam width	Illuminance
1m	0.6m	3300 lux	1.0m	2070 lux	1.4m	663 lux
2m	1.2m	763 lux	1.6m	546 lux	2.6m	173 lux
3m	1.4m	363 lux	2.5m	200 lux	3.4m	71 lux



Throw Distance	5500-6500K / 25°		5500-6500K / 40°		5500-6500K / 80°	
	Beamwidth	Illuminance	Beam width	Illuminance	Beam width	Illuminance
1m	0.6m	4580 lux	1.0m	2883 lux	1.4m	926 lux
2m	1.2m	1353 lux	1.6m	740 lux	2.6m	233 lux
3m	1.4m	546 lux	2.5m	326 lux	3.4m	116 lux

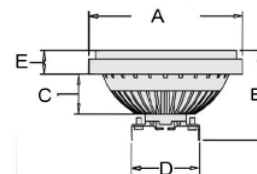


Dimension

Lamp Type	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Weight (g)
AR111	111	53	24	54	14	338

Packaging Information

Lamp Type	Dimension (cm)	Gross Weight (kg)	Net Weight (kg)	Qty/Carton
AR111	48.7X24.7X25.0	8.9	6.9	24



Ordering Guide

AR111	F	O8	15	W3	40	B
Lamp Type	Voltage	Base	Wattage	CCT	Beam Angle	Housing finish
AR111	12VAC/DC	G53	15W	W1: 2500-2700K; W2: 2700-2800K; W3: 2800-3000K; W4: 3000-3200K; W5: 3200-3500K; W6: 3500-3700K; W7: 3700-4000K; C1: 5000-5500K; C2: 5500-6500K	15: 15° 25: 25° 40: 40° 60: 60° 80: 80°	B: black S: silver

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