

Make colors more **vivid** with  
Quantum Light™ Technology.  
90+ CRI at 60 lumens/watt



ARRAY Quantum LED™  
R30 2700°K 90+ CRI



**NEXXUS**  
LIGHTING

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## TECHNICAL SPECIFICATIONS

VER. 1.1

PROJECT:	TYPE:
VOLTAGE:	COMMENTS:

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# ARRAY QUANTUM LED™ R30

HIGH CRI - INCANDESCENT WARM WHITE COLOR

### SPECIFICATIONS FEATURES

Approx. Equivalence	50 Watt Incandescent
Voltage	120VAC (60Hz) or 230VAC (50Hz)
Average Wattage	7.8 Watts at 120VAC or 9 Watts at 230VAC
Color Temp (ANSI)	Warm White (2700K)
CRI	91
Output (Lumens)	477
Beam Angle	Flood (60° - 100°)
Width	3.75" (95.3mm)
Length	4.7" (120mm)
Operating Temperature	-40°F to 113°F (-40°C to 45°C)
Dimmable <sup>1</sup>	100% to 10% on most incandescent commercial dimmers
Rated Life	50,000 Hours
Warranty	3 Years



U.S. PATENT NO. D590,  
077, D601, 276, AND  
OTHER WORLDWIDE  
PATENTS PENDING

- *Highest efficacy 90+ CRI LED lighting source in the industry.*
- *2700 ANSI Color Temperature*
- *High efficacy/High Lumen Package - 60 Lumens per Watt*
- *Dimmable<sup>1</sup> on most standard incandescent commercial dimmers*
- *LM79 Independently tested*

### DESCRIPTION

Array Quantum LED™ R30 is a high color rendering (91CRI), high output, LED R30 lamp that brings out the rich vibrant colors in art, graphics, fabrics and foods. This lamp utilizes the power of QD Vision's proprietary quantum dot technology in a Quantum Light™ optic to enhance color quality without sacrificing efficiency. The Array R30 is equivalent up to a 50 watt incandescent bulb but uses up to 80% less energy and lasts up to 25 times longer. The R30 lamps are Edison based and can be used with standard screw sockets for both interior and exterior applications. Worldwide patented design and patent pending SELECTIVE HEAT SINK TECHNOLOGY™ (SHS) ensures reliable operation for 50,000 hours which makes these lamps ideal for retail, commercial, hospitality, museums and board rooms. Unlike many compact fluorescent bulbs that require a warm up period, the Array R30 is "instant" on and is dimmable on most standard incandescent dimmers.

<sup>1</sup> Some dimming systems require a minimum load to operate properly. Array lamps are energy efficient, low power devices. With only a few lamps in a circuit, they may not meet the minimum load required for an existing dimming systems. As a result the LED lamps may glow or may not dim properly. Please consult the dimming systems manufacturer for minimum load requirements or contact Array Lighting to help you determine the proper dimming systems to operate the LED lamps.



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### ORDERING INFORMATION

MODEL	TYPE	COLOR TEMP	BEAM ANGLE
AE26 (120VAC - 60Hz)	PAR307	QW - 2700K (WARM WHITE)	60 - FLOOD (60° - 100°)
AE27 (230VAC - 50Hz)			

Ordering Example: AE26PAR307QW60