



Axceleron™ by AQUARII

## AXCELERON SPECIFICATIONS

### TYPICAL INSTALLATIONS

- Theatres and Performing Arts Centers
- Houses of Worship
- Convention Centers, Arenas and Exhibit Halls
- Automobile Showrooms
- Museums
- Academic Institutions - Auditoriums, Lecture Halls
- Gymnasiums
- Retail Stores and Atriums
- Airport Corridors and Terminals
- Dry and Damp Locations
- Optimum Installation Heights: 25ft (7.6m) to 50ft (15.2m)

### LEDs, OPTIC AND OUTPUT

- 3000K, 4000K or 5000K color temperatures.
- 80 CRI standard for 3000K
- 75 CRI standard for 4000K to 5000K
- 90 CRI available for LEDs <4000K
- 14, 18, 28, 36, 70 and 110 degree beam angles
- 12,000 lumen output at 3000K (@ 150W input)
- 15,000 lumen output at 5000K (@ 150W input)

### PHYSICAL

- 9.75in (247.6mm) diameter
- 14.57in (370.0mm) length
- Unit weight: 10lbs (4.5kg) without mountings
- High performance LED engine, driver and power supplies
- No noise with efficient passive cooling (no internal fans)
- All aluminum construction
- Standard black and off-white housing colors available in matte, semi-gloss (for black only) or glossy finishes

### OPTIONS

- Custom RAL color housings
- Custom housing graphics
- Brushed aluminum housing
- Mounting options include: C-clamp, Wall Bracket, Yoke, Rigid Pendant, Slope Adaptor Pendant, Air Craft Cable Pendant and Flat/Sloped Ceiling Recessed Kits
- 90 CRI available for 3000K LEDs
- Concentric and Hexagonal ring glare reducers
- Surge protector
- External transformer for 277V
- Screw Terminal standard for 0-10V and DMX. Additional options for DMX Connectors: XLR 5-PIN, RJ45, and IDC



PROJECT- \_\_\_\_\_

ORDER CODE- \_\_\_\_\_

QUANTITY- \_\_\_\_\_

### ELECTRICAL

- Available Wattages: 75W, 100W, 125W, 150W
- 90-264 VAC, 50/60Hz
- L70 rating > 70,000 hours
- IP20 Rated, suitable for use in damp locations
- ETL listed to UL and cUL standards

### CONTROLS

- Constant
- 0-10V Analog
- Line Voltage Dimming (Mains Dimming)
- DMX/RDM
- Dimmable units match incandescent dimming with smooth fading to and from 0%

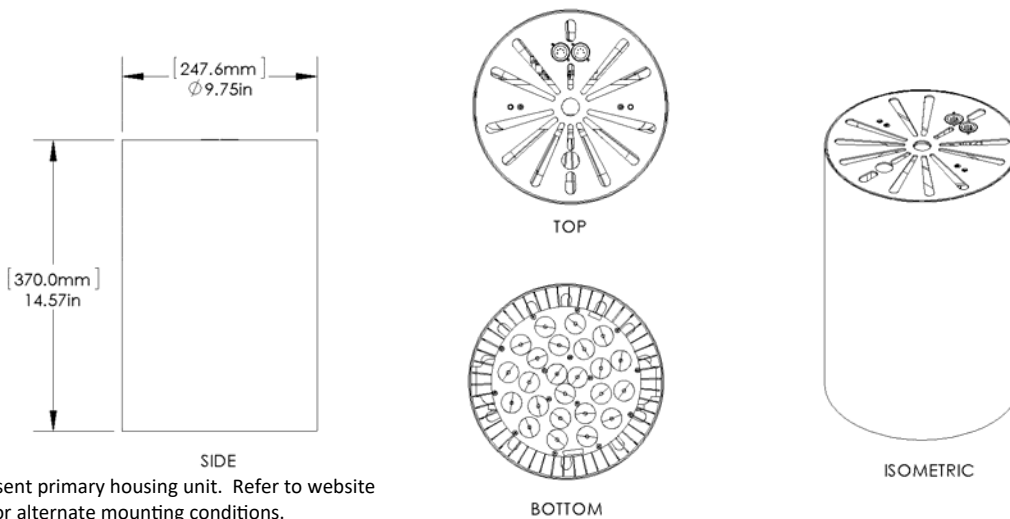
*Please note that any custom orders or request may result in a longer lead time and additional costs.*



For further information on products, design and engineering services, specifications, IES downloads, and pricing, call (315)672-8807, visit our website at [www.aquariitech.com](http://www.aquariitech.com), or e-mail [sales@aquariitech.com](mailto:sales@aquariitech.com)

Ordering Code Example: AX-150-30-36-D-B-M-4(12'')-515-X-90-S1-CR

TYPE - AX									
Watts	Color Temperature	Beam Angle Degree	Control	Housing Color	Color Finish	Mounting	Power Connector <sup>1</sup>	Terminals	Options <sup>1</sup> (can choose multiple)
75	30 (3000K)	14 <sup>1</sup>	C (Constant)	B (Black)	M (Matte)	1 (C-Clamp)	B (Bare End; 5ft (1.5m) Std. <sup>5</sup> )	X (XLR-5 Pin for DMX)	90-CRI (only available for LEDs <4000K)
100	40 (4000K)	18 <sup>1</sup>	V (0-10V)	W (Off-White)	S (Semi-Gloss)	2 (Wall Bracket)	515 (NEMA 5-15; 125V/15A)	R (RJ-45 for DMX)	S1 (Surge Protector; 120V)
125	50 (5000K)	28 <sup>1</sup>	L (Line Voltage)	C (Custom <sup>1</sup> )	G (Gloss)	3 (Yoke)	L515 (NEMA L5-15; 125V/15A, Locking-type)	I (Insulation Displacement Connector for DMX)	S2 (Surge Protector; 220V)
150	C (Custom <sup>1</sup> )	36	D (DMX/RDM <sup>2</sup> )	A (Brushed Aluminum <sup>1</sup> )		4 (Rigid Pendant; Length required)	AP (Alternate Plug Style <sup>1</sup> )	ST (Screw Terminal must choose for 0-10V <sup>3</sup> )	S3 (Alternate Surge Protector <sup>1</sup> )
		70		G (Graphic <sup>1</sup> )		5 (Pendant Slope Adaptor; Length required)	N (None)	N (None, must choose for Constant)	CR (Concentric Ring Glare Reducer)
		110				6 (Air Craft Cable Pendant; Length Required)			HEX (Hexagonal Ring Glare Reducer)
<sup>1</sup> Consult factory before ordering. <sup>2</sup> DMX/RDM controls choice can be connected with DMX or DMX/RDM controls. <sup>3</sup> DMX/RDM comes standard with screw terminal. <sup>4</sup> Recessed sloped kits must be installed in accessible ceilings. <sup>5</sup> Included with yoke and wall bracket mounts.						7 (Flat Recessed)			277 (277V External Transformer)
						8 (Sloped Recessed <sup>1,4</sup> )			N (None)



\*\* Figures represent primary housing unit. Refer to website or brochure for alternate mounting conditions.