



Catalog Number	
Project	Type



LED Billboard Lighting Platform ADVANTAGE™

FEATURES & SPECIFICATIONS

APPLICATION — The high performance luminaire is designed for billboard lighting applications. Long life, low maintenance, and consistent color rendering greatly reduce long term maintenance costs. Areas with limited accessibility due to fixture location or where heavy pedestrian or vehicle traffic makes maintenance difficult will see continued benefit using the ADV Series.

CONSTRUCTION — The heavy duty housing is constructed of die cast aluminum. The molded and contoured optical assemblies are sealed in place. A tempered glass lens and frame utilizes a silicone gasket for weather tight protection.

FINISH — A Super Durable Polyester powder coat finish is electrostatically applied in our state of the art paint facility. Standard colors available: Black, Bronze, US Green, White. Custom colors available upon request.

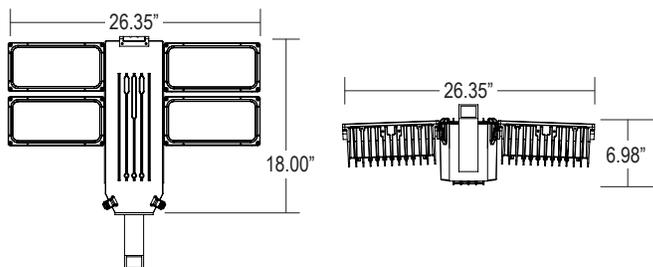
OPTICAL SYSTEM — Available in a 5000K Cool White (+/- 500K) color temperature. 70 CRI LED's. Propagated with Cree XHP-50 LED's or equivalent. Consult factory for the availability of additional color temperature and CRI LED's. High reflectance molded acrylic vacuum metallized optics were designed to work in tandem to efficiently distribute light over the face of a billboard or sign with minimal light spillage.

ELECTRICAL SYSTEM — Available with 90-300V 50/60 Hz Class II power supply. LED's rated over 50,000 hours (TM21 Calculated L70 pending) at 25°C ambient temperature with 700, 1050, 1400 and 2100mA operation. Lumen Maintenance >97% at 50K hrs. 347V and 480V input options available² (remote enclosure may be necessary). Fixture provided with integral 10kV surge protection that meets IEEE C62.42.2-2002. Built-in Active PFC Function. LED Power Supply conforms to UL1310 Class 2 and UL8750 standards and is IP67 rated for wet locations.

MOUNTING — Standard mounting option is an adjustable pipe clamp for 1-1/4 round or 1-1/2 square pipe. Custom mounting options may be available. Consult factory for additional information.

LISTINGS — LED Power Supply listed for wet locations (IP67). Fixture is IP66 rated. ETL listed. Meets US and Canadian safety standards. -40°C to 40°C ambient operation. RoHS Compliant.

WARRANTY — The complete luminaire is covered by a 5-year limited warranty.



Series	Housing Height	Length & Width	EPA
ADV	6.98"	18.00" x 26.35"	2.1

ORDERING INFORMATION

Choose the bold face options for the appropriate luminaire configuration for your application and enter on the line above each fixture attribute. Accessories may be factory installed, depending on the particular accessory chosen, but still be ordered as a separate line item.

Example: **ADV 4 C 1 B1 C 1 BZ**

Series		LED Modules		Color Temp		Mounting		Optics		Drive Current		Voltage		Finish	
ADV		4	4 Modules	C	Cool White (5000K, 70 CRI)	1	Pipe Clamp for 1-1/4 round or 1-1/2 square pipe	B1	Billboard	C	700mA Driver	1	Multi-Volt ¹	BK	Black
														BZ	Bronze
														GR	US Green
														WH	White
														SP	Special ³

NOTES

- Multi-Volt is an auto ranging power supply from 90V to 300V input.
- Remote enclosure may be necessary for 480V and 347V options. Consult factory.
- Custom RAL color matching is available. Contact your Techlight sale representative for additional information.