



ACCENDO
LIGHTING



ETL Listed: Complies with UL 1598 and CSA C22.2 No. 250.0-08
Suitable for wet locations.
3G Vibration Rated for Bridge/Overpass Applications per ANSI
C136.31-2010, Test Level 2.
IP 66 Optics and Housing.

General Description:

The decorative LED XLS series Area and Site luminaire is designed to replace existing HID technologies in a cost effective and customizable feature set. Sleek and contemporary, this luminaire is ideal for illuminating parking areas, parks and recreational facilities, building facades, entryways, sidewalks, and general areas for security or accent lighting. XLS series fixtures come with a 10-year standard warranty on all luminaire electronics and housing.

Features:

- Outstanding photometric performance results in sites with excellent uniformity, optimal pole spacing and lower power density.
- Optics are completely sealed against moisture and environmental contaminants (IP66).
- Low profile architectural design offers a contemporary appearance with excellent light output.
- Utilizes high efficiency patented Lumileds LED technology.
- Controls ready luminaire for independent operation or remote management.
- Operating temperature -40°C to +50°C (-40°F to +122°F).
- Available in bronze, white or custom colors (consult factory).

Construction:

- Housing: One-piece die-cast aluminum has integral heat sink fins to optimize thermal management through conductive and convective cooling.
- The LED driver is mounted in direct contact with the casting to promote low operating temperature and long life.
- Housing and door are protected with a thermoset TGIC-polyester powder coat finish using a tightly controlled multi-stage process to a uniform 3 mil thickness (min). This finish provides superior protection from corrosion and maximum environmental durability.
- Powder coat finish available in bronze, white or custom colors (consult factory).

Mounting:

- Integral arm with key hole slot facilitates quick and easy installation.
- Nut plate eliminates loose hardware in the pole and reduces installation labor.

Electrical:

- Voltage: 120-277V 50/60Hz driver (standard); 347-480V 50/60Hz driver (optional).
- Class 2 electronic drivers are designed to have a power factor >90%, THD <20%, and an expected life of 100,000 hours with <1% failure rate.
- Surge Protection: 10kV/10kA standard. 20kV/20kA available.
- NEMA twist-lock receptacle available as an option. NOTE: Photocontrol or shorting cap required for operation (not included).
- Dimming: 0-10v dimmable driver available as an option.

Optics:

- Precision molded optics for superior uniformity, minimal light trespass and maximum pole spacing.
- Optical grade polymer is UV stabilized and impact resistant.
- IP66 rated LED light engines prevent dust and moisture from degrading performance.
- Distributions: Type II, Type III, Type IV and Type V. Types II, III, and IV available rotated right or left 90°, factory installed.
- Best in class Lumileds LEDs with 3000K (min 80 CRI), 4000K and 5000K CCT (min 70 CRI).
- Zero uplight (U0) is night sky friendly, reduces wasted light.
- Lumen Maintenance: >100,000hrs L70 @ 25°C (see page 2 for details).

Ordering Information

Ordering Example: AL-VL-LED-104W-02-2M-N-UNI-4000K-A-7-BZ-XLS

	Wattage/Lumens	Modules	Optics	Orientation	Driver	CCT	Mount	Options	Color	Series
AL-VL-LED	027W - (4085lms) ¹ 053W - (7605lms) ¹ 077W - (10775lms) ¹ 109W - (14735lms) ¹ 104W - (15806lms) ² 154W - (22452lms) ² 211W - (29495lms) ² 243W - (34417lms) ^{3,7} 323W - (43512lms) ³	01 02 03	2S - Type II Short 2M - Type II Medium 3M - Type III Medium 4S - Type IV Short 5M - Type V Medium	N - Normal R - Right ⁴ L - Left ⁴	UNI - Multi-Volt120-277V DIM - Multi-Volt120-277V Dimmable HVU - 347-480V HVD - Dimmable 347-480V	3000K 4000K 5000K	X - None A - Angle Mount	3 - Twist-Lock Receptacle, 3-pin ^{5,6} 5 - Twist-Lock Receptacle, 5-pin ^{5,6} 7 - Twist-Lock Receptacle, 7-pin ^{5,6} B - FSP-211L2@20'MH/40'DIA ⁶ D - FSP-211L2@40'MH/100'DIA ⁶ HS - House Side Shield	BZ - Bronze WH - White	XLS

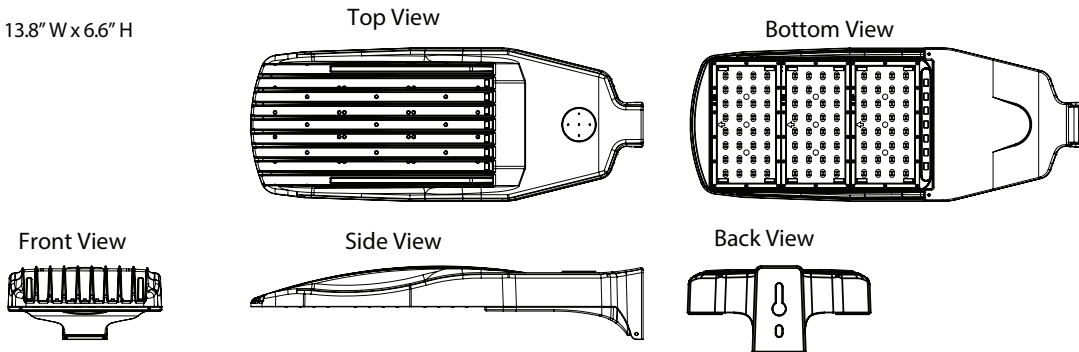
¹Only available in 01 module size
²Only available in 02 module size
³Only available in 03 module size
⁴Not available with 5M Optics
⁵PC not included
⁶Requires 0-10V dimming driver [DIM] or [HVD]
⁷243W model not available with [HVU] or [HVD]



Dimensions:

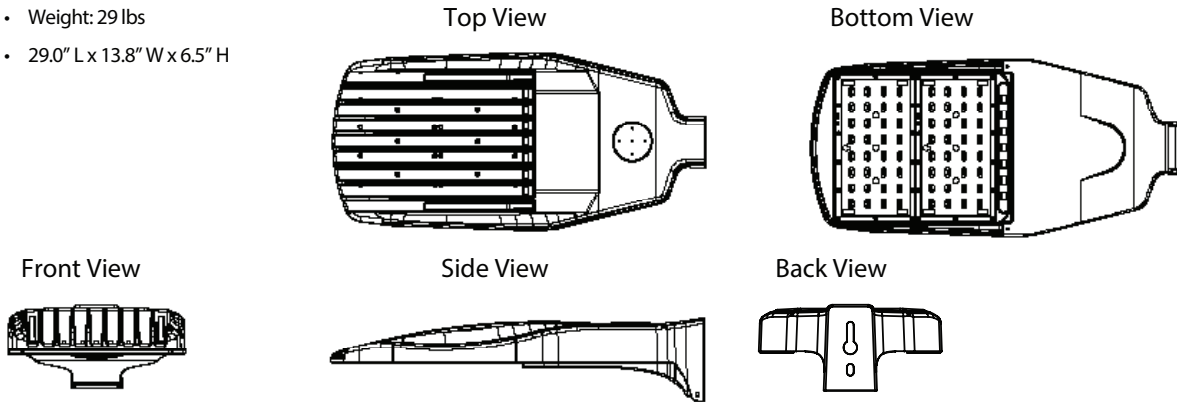
03 Modules:

- Weight: 39 lbs
- 35.2" L x 13.8" W x 6.6" H



02 Modules:

- Weight: 29 lbs
- 29.0" L x 13.8" W x 6.5" H



01 Module:

- WEIGHT: 10.93 LBS
- 24.09" L X 11.07" W X 6.4" H

