



# VIC51 (Formerly AL-05051)

## 51" Victorian Luminaire

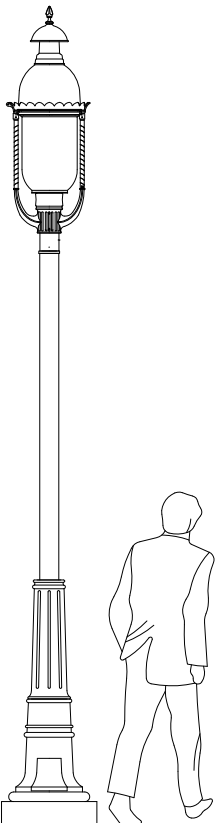
Weight: 65.0 lbs | EPA: 2.46 sqft

### Project Information

Name / Location: \_\_\_\_\_ / \_\_\_\_\_  
 Type / Quantity: \_\_\_\_\_ / \_\_\_\_\_  
 Sold to: \_\_\_\_\_  
 PO#: \_\_\_\_\_

### Approvals

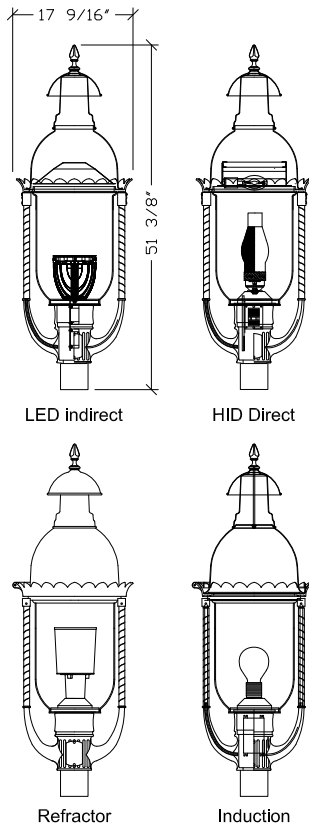
### Perspective



—14'  
—13'  
—12'  
—11'  
—10'  
—9'  
—8'  
—7'  
—6'  
—5'  
—4'  
—3'  
—2'  
—1'

shown with FLOR "Floridian" pole

### Luminaire Details



### Specifications

**Construction:**

All cast aluminum parts shall be low copper alloy A356. All extruded aluminum parts shall be alloy 6061-T6, 6063-T5 or equal.

The upper chamber / lid shall be topped by a decorative cast aluminum finial / cap and connected to the optical chamber by means of a hinge and locking mechanism for quick and easy lamp service.

The luminaire shall accommodate a UV stabilized acrylic or polycarbonate lens which shall be sealed for weather tight operation.

The electrical chamber / fitter shall be a cast aluminum, decorative fitter designed to accommodate the ballast assembly and shall mount to 3"OD x 3"H tenon and be secured by six stainless steel set screws.

**Electrical Assembly (HID & CFL):**

The electrical assembly shall be comprised of a high power factor ballast, designed to operate an HID lamp (by others) up to 200 watts and shall be integrally mounted to a removable aluminum tray with nonferrous fasteners. The lampholder shall be porcelain glazed and rated for 600V and 4KV pulse for medium based lamps. Electronic ballasts shall be supplied for all CFL sources and are an option for HID sources, consult factory for details.

**Electrical Assembly (LED):**

The electronic driver(s) shall be mounted with nonferrous fasteners. The driver(s) shall have a high-temperature, flame-resistant (UL 94V-0 minimum) enclosure. The input voltage range shall be 120-277 VAC, 47 to 63 Hz with a 90% power factor at full load. An integral step-down transformer shall be provided when a 347V or 480V input voltage is required. Load regulation shall be +/- 3%. The driver shall have output over voltage and over current protection and output short circuit protection with auto recovery. Operating temperature shall be -30°C to 60°C. The driver shall be designed to operate for 100K hours (MTBF) and the LED source shall be rated for a minimum of 50K hours (70% lumen maintenance @ 25°C ambient temperature). The LED source shall be mounted to an aluminum heat sink and located within the optical housing. Dual drivers may be utilized for bi-level switching.

The luminaires shall be NRTL listed and suitable for wet locations.

**Fasteners:**

All fasteners shall be stainless steel. When tamper resistant fasteners are required, spanner HD (snake eye) style shall be provided (special tool required, available at additional cost).

**Finish:**

Finish shall be Beacote V polyester powdercoat electrostatically applied and thermocured. Luminaires shall be subjected to chemical pre-treatment prior to painting by full immersion process.

**Ordering Example:**

VIC51 / AC / MH20-120-D / SR3 / PEC / FGCH / BB

## VIC51

- Lens Material**
- A Acrylic
  - P Polycarbonate

- Lens Finish**
- C Clear
  - F Frosted
  - W White<sup>1</sup>

- Source**
- MH15 150w metal halide
  - MH20 200w metal halide
  - HPS15 150w high pressure sodium
  - CF70 70w compact fluorescent
  - IND85 85w Induction
  - LED24 24w Light Emitting Diode<sup>2</sup>
  - LED48 48w Light Emitting Diode<sup>2</sup>
  - LED60 60w Light Emitting Diode<sup>2</sup>
  - LED80 80w Light Emitting Diode<sup>2</sup>
  - OTHER

- Voltage**
- 120 120v
  - 208 208v
  - 240 240v
  - 277 277v
  - 347 347v
  - 480 480v

- Socket<sup>6</sup>**
- D medium
  - G12 G12 bi-pin
  - 4P 4-pin (compact fluorescent)

- Optical Options, Distribution**
- BL bare lamp, type V
  - FGC frosted glass chimney, type V
  - GR3 glass refractor, type III
  - GR5 glass refractor, type V
  - INL internal louvers, type V
  - SR3 segmented reflector, type III
  - IND3 Indirect Reflector, type III<sup>8</sup>
  - IND5 Indirect Reflector, type V<sup>8</sup>

- Electrical Options**
- PEC photocell
  - FS fuse holder<sup>2</sup>
  - QRS quartz restrrike<sup>1</sup>
  - EB electronic ballast<sup>1</sup>
  - IQ IQ On Board

- Style Options**
- 3CD triple candelabra<sup>3,7</sup>
  - FGCH first glass chimney<sup>3,7</sup>

- Finish**
- BB black
  - BZ bronze
  - BG green
  - BW white
  - BY gray
  - RAL RAL-
  - OTHER

Consult factory for premium and verde finishes. Custom colors available.

Notes:  
 1: Consult Factory  
 2: 208/240V fuse holder in pole  
 3: Only available as a style option when used with a direct reflector (unit)  
 4: IND3 & IND5 optical options only  
 5: 120~277v only  
 6: Not required for LED source  
 7: Non-powered  
 8: LED only