

## QLI-Williamsburg Pedestrian Scale LED

- Up to 70% Less Electricity**

  - The Precision-Paragon indirect pedestrian scale approach uses far less energy than traditional systems while addressing the same lighting task.
- Glare Free Dark Sky Compliant Approach**

  - Patent pending advanced light mixing and indirect optical techniques unify the individual LED's so they work as one. The result is uniform, controlled, highly efficient distribution not possible with a direct LED approach.
- Better Lighting**

  - Our LED light engines deliver better quality of light than traditional incandescent, high pressure sodium, metal halide fixtures.
- Lower Maintenance Costs**

  - Based on our advanced thermal management techniques our systems will perform over time where many competing LED offerings will not.
- Real Cost Savings**

  - When you combine the energy savings, longevity and quality of our approach to indirect LED, the cost savings can be enormous.
- Precision-Paragon Experience**

  - While many manufacturers promise long life and maintenance free performance from their LED products, it takes a real expert to create a fixture that delivers on that promise.
  - Our experience lets us deliver on the promise of LED lighting technology.

### The Williamsburg Pedestrian Scale LED



### Application

- Re-lighting projects for Universities, Municipalities, and Campuses.
- Replaces 175 and 250 watt HID systems.
- Energy and maintenance savings combined with environmental sensitivity, and a motivation to improve infrastructure, creates relighting return on investment scenarios suitable for institutional funding.

### QLI-CA-48W-UL-IND5-NA-BB



Model  
QLI-Metro Indirect LED

Lens  
CA = Clear Acrylic

Input Watts  
24W = 24 Watt LED Array  
48W = 48 Watt LED Array  
60W = 60 Watt LED Array  
80W = 80 Watt LED Array

Voltage  
UL = 120 through 277 volt  
UH = 277 through 480 volt

Optics  
IND5 = Type V Symmetrical  
IND3 = Type III Forward Throw

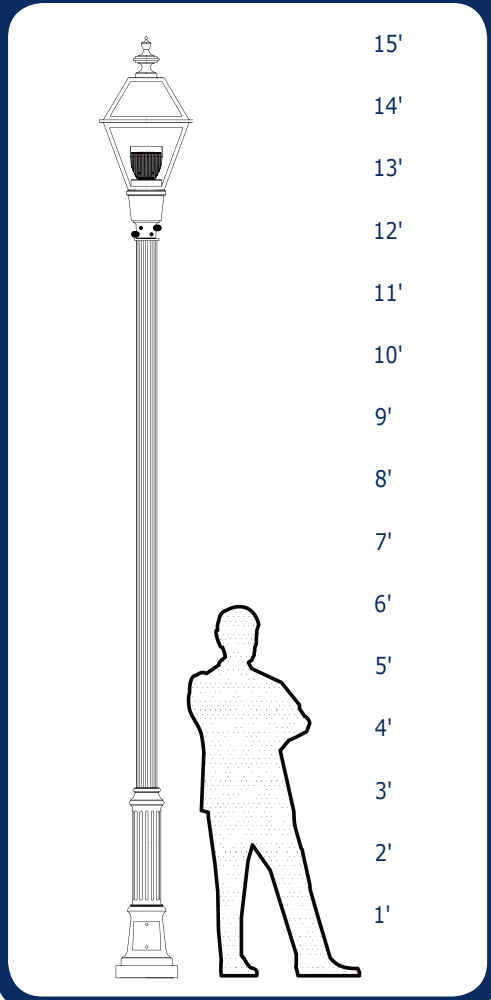
Electrical Options  
PC = Photocell  
LSP = Lighting Surge Protector  
NA = None Selected

Fixture Finish  
BB = Black  
BZ = Bronze  
BG = Green  
BW = White  
BY = Gray  
RAL = RALxxxx (RAL Specification)

Other  
WM = Wall Mount Bracket  
(Requires IND3 optics)  
  
xxK = xx Positions Indicate  
Color Temperature  
(50K or 5000 Kelvin & 41K or 4100 Kelvin  
is standard. All other temperatures are  
special order)

## QLI-Williamsburg Pedestrian Scale LED

### Perspective



### 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. All spun components shall be alloy 1070,3002 or 1100.

#### Lens

The acrylic lens material shall be UV stabilized and impact resistant (Minimum notched Izod impact strength (ASTM D256) of 1.1 ft-lb/in) and shall also be sealed by a sponge silicone gasket at the lens top and bottom which shall seal the optical enclosure for weather tight operation.

#### Housing / Fitter:

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

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 @ 35°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.

#### Finish:

All aluminum components shall be subjected to a 5-stage chrome-free pre-treatment process by immersion. AAMA 2604 grade powdercoat paint shall be electrostatically applied following outgassing. All fasteners are stainless steel.

### Luminaire Details

