SOLID STATE AREA LIGHTING

CIRCULUX SERIES-LED

SPECIFICATIONS

LUMINAIRE
One piece high impact polycarbonate lens provided with durable corrosion resistant cast aluminum fitter base. Heavy gauge formed aluminum reflector. Top is hinged for access. Base has 3” I.D. opening for tenon mounting. All hardware is Stainless Steel.

LED POWER ARRAY™
Three-dimensional array of individual LED Tubes fastened to a retaining plate. Each LED Tube consists of circuit board populated with a multiple of LED’s and is mechanically fastened to a radial aluminum heat sink. An acrylic Lens and end cap protects the LED Tube’s internal components.

VERTICAL POWER ARRAY™ WITH GLASS REFRACTOR:
LED Tubes are aligned vertically and arranged radially to produce an even raw light distribution that simulates standard light sources. Array is secured within a 6” Prismatic Glass Refractor which provides the optical control. Used in conjunction with a clear smooth globe.

VERTICAL POWER ARRAY™:
LED Tubes are aligned vertically and arranged radially to produce an even raw light distribution that simulates standard light sources. Produces a minimal glare, symmetric diffuse light distribution. Used in conjunction with an opal smooth diffusing globe.

LED EMITTERS
High Output LED’s are driven at 350mA for nominal 1 Watt output each. LED’s are available in standard Neutral White (4000K), or optional Cool White (5000K) or Warm White (3000K). Consult Factory for other LED options.

LED DRIVER
UL and CUL recognized High Power Factor, Constant Current LED drivers operate on input voltages from 120-277VAC, 50/60hz. Consult Factory for 347-480VAC. Driver is mechanically fastened to a retaining bracket. Main power quick disconnect provided. Driver has a minimum 4KV of internal surge protection, 10KV & 20KV Surge Protector optional. Dimming and High-Low Driver options available.

FINISH
Polyester powder coat incorporates four step iron phosphate process to pretreat metal surface for maximum adhesion. Top coat is baked at 400°F for maximum hardness and exterior durability.
## Specifications:

### Luminaires:

- **CLX-LED** E.P.A. = 1.28
  - Glass Refractor w/ Vertical Array
    - Available in:
      - 6 Array: 36 LED Max.
      - VERTICAL ARRAY
        - Available in:
          - 6 Array: 36 LED Max.
          - 8 Array: 64 LED Max.

- **CLXA-LED** E.P.A. = 1.44
  - Glass Refractor w/ Vertical Array
    - Available in:
      - 6 Array: 36 LED Max.
      - 8 Array: 64 LED Max.

### Optics:

- **CLX-LED**
  - E.P.A. = 1.28
  - Glass Refractor w/ Vertical Array
    - Available in:
      - 6 Array: 36 LED Max.

### Power Array:

- **CLX-LED**
  - E.P.A. = 1.28
  - Vertical Array
    - Available in:
      - 6 Array: 36 LED Max.
      - 8 Array: 64 LED Max.

### Options:

- **LENS OPTIONS**:
  - CLEAR SANDBLASTED POLYCARBONATE... CSP
  - CLEAR SANDBLASTED ACRYLIC... CSA
  - CLEAR SMOOTH POLYCARBONATE... CP
  - CLEAR SMOOTH ACRYLIC... CA
  - OPAL SMOOTH POLYCARBONATE... WP
  - OPAL SMOOTH ACRYLIC... WA

- **DIMMABLE DRIVER(S)** (0-10V)
  - DIM

- **PHOTO CELL + VOLTAGE**
  - PC+V

- **10KV SURGE PROTECTOR**
  - 10SP

- **20KV SURGE PROTECTOR**
  - 20SP

### Additional Options:

- **WALL MOUNT**
  - 4-90

- **WALL PLATE**
  - 7" SQ. (178mm)
  - 5.5" DIA. (140mm)
  - 50" DIA. (130mm)
  - (4) HOLES

<table>
<thead>
<tr>
<th>Luminaire</th>
<th>Optics</th>
<th># of LED's</th>
<th>Color</th>
<th>Voltage</th>
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<tbody>
<tr>
<td>CLX-LED</td>
<td>36LED</td>
<td>120, 208, 240, 277, 347, 480</td>
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### Specifications:

- **Luminaires**
  - **CLX-LED**
    - E.P.A. = 1.28
  - **CLXA-LED**
    - E.P.A. = 1.44

- **Optics**
  - **CLX-LED**
    - Glass Refractor w/ Vertical Array
  - **CLXA-LED**
    - Glass Refractor w/ Vertical Array

- **Power Array**
  - **CLX-LED**
    - Vertical Array
  - **CLXA-LED**
    - Vertical Array

- **Options**
  - **LENS OPTIONS**
  - **DIMMABLE DRIVER(S)**
  - **PHOTO CELL + VOLTAGE**
  - **10KV SURGE PROTECTOR**
  - **20KV SURGE PROTECTOR**

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**Manufacturer Details**

- **U.S. Architectural Lighting**
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- **Phone:** (661) 233-2000  **Fax:** (661) 233-2001
- **Website:** www.usaltg.com