Color: Bronze
Weight: 6.3 lbs

<table>
<thead>
<tr>
<th>Technical Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Electrical</strong></td>
</tr>
<tr>
<td><strong>Driver:</strong></td>
</tr>
<tr>
<td>Constant Current, Class 2, 120-277V, 50/60Hz, 120V: 0.22A, 208V: 0.13A, 240V: 0.11A, 277V 0.10A</td>
</tr>
<tr>
<td><strong>Dimming Driver:</strong></td>
</tr>
<tr>
<td>Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.</td>
</tr>
<tr>
<td><strong>THD:</strong></td>
</tr>
<tr>
<td>10.68% at 120V, 10.68% at 277V</td>
</tr>
<tr>
<td><strong>Power Factor:</strong></td>
</tr>
<tr>
<td>95.4% at 120V, 95.4% at 277V</td>
</tr>
<tr>
<td><strong>ALED26 with Photocell:</strong></td>
</tr>
<tr>
<td>120V Photocell Included. Photocell is only compatible with 120V.</td>
</tr>
</tbody>
</table>

| **Compliance**           |
| **UL Listed:**           |
| Suitable for wet locations |
| **IESNA LM-79 & IESNA LM-80 Testing:** |
| RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80. |
| **Dark Sky Conformance:** |
| Conforms to (allows for conformance to) the IDA's fully shielding requirement, emitting no light above 90 degrees (with the exclusion of incidental light reflecting from fixture housing, mounts, and pole). |
| **DLC Listed:**          |
| This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements. DLC Product Code: P0000170O |

| **Performance**          |
| **Lifespan:**            |
| 100,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations |

| **LED Info**             |
| **Type:**                |
| Constant Current |
| **Watts:**               |
| 26W |
| **Color Temp:**          |
| 5000K (Cool) |
| **Color Accuracy:**      |
| 70 CRI |
| **L70 Lifespan:**        |
| 100,000 Hours |
| **Lumens:**              |
| 3,851 |
| **Efficacy:**            |
| 134.2 lm/W |

| **Construction**         |
| **IP Rating:**           |
| Ingress protection rating of IP66 for dust and water |
| **IES Classification:**  |
| The Type IV distribution (also known as a Forward Throw) is especially suited for mounting on the sides of buildings and walls, and for illuminating the perimeter of parking areas. It produces a semicircular distribution with essentially the same candlepower at lateral angles from 90° to 270°. |
| **Housing:**             |
| Precision die-cast aluminum housing, lens frame |
| **Gaskets:**             |
| High-temperature silicone |
### Technical Specifications (continued)

#### Construction

**Effective Projected Area:**
EPA = 0.27.

**Finish:**
Formulated for high durability and long-lasting color

**Green Technology:**
Mercury and UV free. RoHS-compliant components.

**Ambient Temperature:**
Suitable for use in up to 40°C (104°F)

**Cold Weather Starting:**
Minimum starting temperature is -40°C (-40°F)

#### Other

**Warranty:**
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB’s warranty is subject to all terms and conditions found at rablighting.com/warranty.

**Patents:**
The ALED design is protected by U.S. PATENT D608,040 and patents pending in the U.S., Canada, China, Taiwan and Mexico.

**Equivalency:**
Equivalent to 125W Pulse Start Metal Halide

**Buy American Act Compliance:**
RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

#### LED Characteristics

**Lumen Maintenance:**
The LED will deliver 70% of its initial lumens at 100,000 hours of operation

**Color Consistency:**
7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

**Color Stability:**
LED color temperature is warranted to shift no more than 200K in color temperature over a 5-year period

**Color Uniformity:**

#### Optical

**BUG Rating:**
B1 U0 G0

### Dimensions

#### Features

- High output LED light engine
- Maintains 70% of initial lumens at 100,000-hours
- Weatherproof high temperature silicone gaskets
- Superior heat sinking with die cast aluminum housing and external fins
Square steel poles drilled for 2 Area Lights at 180°. Designed for ground mounting. Poles are stocked nationwide for quick shipment. Protective packaging ensures poles arrive at the job site good as new.

Color: Bronze
Weight: 105.8 lbs

Technical Specifications

**Compliance**
- CSA Listed:
  - Suitable for wet locations

**Construction**
- Shaft:
  - 46,000 p.s.i. minimum yield.
- Hand Holes:
  - Reinforced with grounding lug and removable cover
- Base Plates:
  - Slotted base plates 36,000 p.s.i.
- Shipping Protection:
  - All poles are shipped in individual corrugated cartons to prevent finish damage
- Color:
  - Bronze powder coating
- Height:
  - 15 FT
- Weight:
  - 106 lbs
- Gauge:
  - 11
- Wall Thickness:
  - 1/8"
- Shaft Size:
  - 4"
- Hand Hole Dimensions:
  - 3" x 5"
- Bolt Circle:
  - 8 1/2"
- Base Dimension:
  - 8"
Technical Specifications (continued)

**Construction**

**Anchor Bolt:**
Galvanized anchor bolts and galvanized hardware and anchor bolt template. All bolts have a 3” hook.

**Anchor Bolt Templates:**
WARNING Template must be printed on 11” x 17” sheet for actual size. CHECK SCALE BEFORE USING. Templates shipped with anchor bolts and available online.

**Pre-Shipped Anchor Bolts:**
Bolts can be pre-shipped upon request for additional freight charge.

**Max EPA’s/Max Weights:**
- 70MPH 17.4 ft./450 lb.
- 80MPH 12.5 ft./440 lb.
- 90MPH 9.0 ft./440 lb.
- 100MPH 6.6 ft./440 lb.
- 110MPH 4.8 ft./435 lb.
- 120MPH 3.4 ft./435 lb.
- 130MPH 2.3 ft./435 lb.
- 140MPH 1.4 ft./430 lb.
- 150MPH 0.8 ft./420 lb.

**Other**

**Terms of Sale:**
Pole Terms of Sale is available online.

**Buy American Act Compliance:**
RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

**Dimensions**

![Diagram of dimensions]

**Features**
- Designed for ground mounting
- Heavy duty TGIC polyester coating
- Reinforced hand holes with grounding lug and removable cover for easy wiring access
- Pole caps, base covers & bolts are sold separately
- Custom manufactured for each application
OCTOGONAL LANTERN SERIES

Product Overview and Technical information
LUMINAIRE > L72-RR3D-CPTC
BRACKET > CRA-1A
HOLE > R80A
LANTERNOCTOGONAL SERIES

Making light a work of art / The Octagonal Lantern Series transforms light into a work of art... These luminaires create a much sought-after ambience without neglecting high-quality photometric performance. The eye-catching and distinctive Octagonal Lantern Series offers a radiant connection between space and time.
The Octagonal Lantern Series luminaires will turn heads! With refined and bold styling, these luminaires will add charm to pedestrian walkways, urban parks or roadways. Its refined appearance gently blends into its daytime environment while providing an attractive ambiance at night. The Octagonal Lantern Series draws attention to its design by adding style and distinction to any project.

Philips Lumec’s Octagonal Lantern Series offers the sophistication of an elegant historical luminaire, while maintaining modern state-of-the-art photometric performance. Various customizable optic options allow you to incorporate Octagonal Lantern into any project, no matter how demanding the lighting applications might be. The high quality materials of this luminaire assure a long life, ease of maintenance, and its range of complements, materials, and finishes, adapt it perfectly to any surrounding.
BENEFITS

- Constructed from top-quality materials, the Octagonal Lantern Series maintains excellent performance in even the most demanding environment.
- Creates a unique atmosphere and ambiance.
- Prismatic RR optics, SE cut-off reflectors, and the RACE optical system, are available to meet a range of lighting applications.
- The luminaire is sealed with a gasketed closure to maintain optical performance.
- A complete selection of materials and finishes are available to complement any project.

LUMINAIRE

Conform to the UL 1598 and CSA C22.2 No. 250.0-08 standards

L70-RR-SF70
EPA: 2.71 sq. ft.
Weight: 48 lbs (21.8 kg)

L71-SE-SF71
EPA: 2.76 sq. ft.
Weight: 36 lbs (16.3 kg)

L72-RR-SF72-PH8
EPA: 2.91 sq. ft.
Weight: 48 lbs (21.8 kg)

L73-RACE-SF73-HK16
EPA: 3.18 sq. ft.
Weight: 48 lbs (21.8 kg)

Les luminaires s’accompagnent de l’une de ces lentilles, au choix

PC-C Polycarbonate clair
PC-O Polycarbonate opalin
PC-B Polycarbonate Bronze
PC-F Polycarbonate givré clair
GL-C Verre trempé clair
GL-BR Verre trempé bronze
GLBG-C Verre trempé biseauté clair
GLBG-BR Verre trempé biseauté bronze
GL-FC Verre trempé givré clair

Philips Lumec reserves the right to substitute materials or change the manufacturing process of its products without prior notification.
For the latest updates go to www.lumec.com
## LAMPS / HID

<table>
<thead>
<tr>
<th>WATTAGE</th>
<th>RACE</th>
<th>RR</th>
<th>SE</th>
</tr>
</thead>
<tbody>
<tr>
<td>50 MH, medium</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>70 MH, medium</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>100 MH, medium</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>150 MH, medium</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>1250 PSMH, mogul</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>35 HPS, mogul</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>70 HPS, mogul</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>100 HPS, mogul</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>150 HPS, mogul</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

✓: Available  1. N/A with a PC Globe

## OPTICAL SYSTEMS / HID

(Lamps not included)

### RR Optics
Round borosilicate refractor

### SE Optics
Hydro-formed cut-off reflector system set in faceted arc-image duplicating pattern.

### RACE Optics
Round acrylic (max. 100w) or borosilicate (150w and more) refractor with segmented uplight recovery dome.

---

### VOLTAGE

120 / 208 / 240 / 277 / 347 / 480

Multi-top ballast also available.

*Photometry available on Philips Lumec web site www.lumec.com*
**LUMINAIRE OPTIONS**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GT</td>
<td>Glow top (RR optical, max. 175w with L70 and L72 only)</td>
</tr>
<tr>
<td>HS</td>
<td>House shield (for SE only)</td>
</tr>
<tr>
<td>CPT</td>
<td>Copper finial (L70, L72, and L73 only)</td>
</tr>
<tr>
<td>CPTC</td>
<td>Varnished copper cupola (L70, L72, and L73 only)</td>
</tr>
<tr>
<td>HK8</td>
<td>Decorative hooks / top only (L70, L71, and L73 only)</td>
</tr>
<tr>
<td>HK16</td>
<td>Decorative hooks / top and bottom (L70, L71, and L73 only)</td>
</tr>
<tr>
<td>PH8</td>
<td>Quarter-turn photoelectric cell (not available with GT option)</td>
</tr>
<tr>
<td>PH9</td>
<td>Quarter-turn shorting cap (not available with GT option)</td>
</tr>
</tbody>
</table>

**MOUNTINGS**

(Consult the Pole Guide for details and the complete line of mountings)

- CRA
- CRC
- CRD
- CRF

**POLES AND POLE OPTIONS**

(Consult the Pole Guide for details and the complete line of poles)

**FINISHES**

(Consult Philips Lumec’s Color Chart for complete specifications)

The specially formulated Lumital powder coat finish is available in a range of many standard colors.

**ORDERING SAMPLE**

<table>
<thead>
<tr>
<th>LUMINAIRE</th>
<th>LAMP</th>
<th>OPTICAL SYSTEM</th>
<th>VOLTAGE</th>
<th>ADAPTOR</th>
<th>OPTIONS</th>
<th>MOUNTING &amp; CONFIGURATION</th>
<th>POLE</th>
<th>FINISH</th>
</tr>
</thead>
<tbody>
<tr>
<td>L70-PCC</td>
<td>100 HPS</td>
<td>RR</td>
<td>120</td>
<td>SF72</td>
<td>HK16</td>
<td>SF70-CRA-16</td>
<td>R80A-16</td>
<td>RD2-TX</td>
</tr>
</tbody>
</table>

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For the latest updates go to www.lumec.com
ASSEMBLY EXAMPLES

Luminaire: L71-SE-SF71-HK8
Pole: RTAF800-BA
Mounting: CRA-2
Pole: RA55

Luminaire: L71-RR-SF70-PH8
Pole: APR4-LBC1-SA1
Mounting: CRE-2
Pole: RTA926-BA

Luminaire: L72-SE-SF72
Pole: PR4F
Mounting: CRC-1A
Pole: P900-PS

Luminaire: L73-RR-SF73
Pole: RTAF800-BA
Mounting: CRA-2
Pole: RA55

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For the latest updates go to www.z.com
Some luminaires use fluorescent or high intensity discharge (HID) lamps that contain small amounts of mercury. Such lamps are labeled "Contains Mercury" and/or with the symbol "Hg." Lamps that contain mercury must be disposed of in accordance with local requirements. Information regarding lamp recycling and disposal can be found at [www.lamprecycle.org](http://www.lamprecycle.org)

The choice to not print paper brochures anymore but to make them available on-line is an example of the positive environmental actions that Philips Lumec has decided to undertake. This not only considerably reduces our paper consumption but also guarantees the exactitude of the information our clients receive.