### Technical Specifications

**Listings**
- **UL Listing:** Suitable for wet locations.
- **IESNA LM-79 & LM-80 Testing:** RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80, and have received the Department of Energy "Lighting Facts" label.
- **DLC Listed:** This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. DLC Product Code: P00001705

**LED Characteristics**
- **LEDs:** 6x13W high-output, long-life LEDs.
- **Lifespan:** 100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.
- **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 CCT over a 5 year period.
- **Color Uniformity:**
  

**Construction**
- **IP Rating:** Ingress Protection rating of IP66 for dust and water.
- **Cold Weather Starting:** Minimum starting temperature is -40°F / -40°C
- **Ambient Temperature:** Suitable for use in 40°C (104°F) ambient temperatures
- **Effective Projected Area:** EPA = 1.2
- **Thermal Management:** Superior thermal management with external air-flow fins
- **Housing:** Precision die-cast aluminum, Type V distribution.
- **Support Arms:** Extruded aluminum.
- **Lens:** Clear tempered glass lens.

**Reflector:**
- Specular vacuum-metallized polycarbonate, Type V distribution.

**Gaskets:**
- High-temperature silicone

**Finish:**
- Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contains no VOC or toxic heavy metals.

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

**Electrical**
- **Drivers (3):** Constant Current, 720mA, Class 2 with 6kV surge protection, 100-277VAC, 50/60 Hz.
- **THD:** 7.9% at 120V, 11.0% at 277V

**Other**
- **Patents:** The designs of the ALED5T78 are protected by patents pending in US, Canada, China, Taiwan and Mexico.

**Optical**
- **BUG Rating:** B3 U1 G1
**Dimensions**

- **IES type V (circular) distribution**
- **100,000-hour LED lifespan**
- **Compatible with standard 2 3/8” and 3” tenons**
- **Air-flow fins for maximum heat dissipation**
- **5-year warranty**

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**Ordering Matrix**

<table>
<thead>
<tr>
<th>Family</th>
<th>Distribution</th>
<th>Watts</th>
<th>Color Temp</th>
<th>Finish</th>
<th>Dimming</th>
<th>Bi-Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALED</td>
<td>5T = Type V</td>
<td>78W</td>
<td>= 5000K (Cool)</td>
<td>= Bronze</td>
<td>= No Dimming</td>
<td>= No Bi-Level</td>
</tr>
<tr>
<td></td>
<td>52 = 52W</td>
<td></td>
<td>= 3000K (Warm)</td>
<td>= White</td>
<td>/D10 = Dimmable</td>
<td>/BL = Bi-Level</td>
</tr>
<tr>
<td></td>
<td>26 = 26W</td>
<td></td>
<td>= 4000K (Neutral)</td>
<td></td>
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</tr>
</tbody>
</table>
High output LED pole top area light with IES type V circular distribution. Wide and uniform 360 degree pattern ideal for large outdoor areas such as parking lots, corporate parks, and retail settings.

Color: Bronze  Weight: 21.8 lbs

Technical Specifications

Listings
UL Listing:
Suitable for wet locations.

IESNA LM-79 & LM-80 Testing:
RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80, and have received the Department of Energy “Lighting Facts” label.

LED Characteristics
LEDs:
6x13W high-output, long-life LEDs.

Lifespan:
100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

Color Consistency:
3-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 CCT over a 5 year period.

Color Uniformity:

Construction
IP Rating:
Ingress Protection rating of IP66 for dust and water.

Cold Weather Starting:
Minimum starting temperature is -40°F / -40°C

Ambient Temperature:
Suitable for use in 40°C (104°F) ambient temperatures

Effective Projected Area:
EPA = 1.2

Thermal Management:
Superior thermal management with external air-flow fins

Housing:
Precision die-cast aluminum, Type V distribution.

Support Arms:
Extruded aluminum.

Lens:
Clear tempered glass lens.

Reflector:
Specular vacuum-metallized polycarbonate, Type V distribution.

Gaskets:
High-temperature silicone

Finish:
Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contains no VOC or toxic heavy metals.

Green Technology:
Mercury and UV free, and RoHS compliant.

Electrical
Drivers (3):
Constant Current, 720mA, Class 2 with 6kV surge protection, 100-277VAC, 50/60 Hz.

THD:
7.8% at 120V, 11.5% at 277V

Other
Patents:
The designs of the ALED5T78 are protected by patents pending in US, Canada, China, Taiwan and Mexico.

Optical
BUG Rating:
B3 U1 G1
ALED5T78N

**Dimensions**

![Diagram showing dimensions]

**Features**

- IES type V (circular) distribution
- 100,000-hour LED lifespan
- Compatible with standard 2 3/8" and 3" tenons
- Air-flow fins for maximum heat dissipation
- 5-year warranty

**Ordering Matrix**

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High output LED pole top area light with IES type V circular distribution. Wide and uniform 360 degree pattern ideal for large outdoor areas such as parking lots, corporate parks, and retail settings.

- **Color:** Bronze
- **Weight:** 21.8 lbs

### Technical Specifications

#### Listings

- **UL Listing:** Suitable for wet locations.

#### IESNA LM-79 & LM-80 Testing:

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80, and have received the Department of Energy "Lighting Facts" label.

#### LED Characteristics

- **LEDs:** 6x13W high-output, long-life LEDs.

#### Lifespan:

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

#### Color Consistency:

3-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 CCT over a 5 year period.

#### Color Uniformity:

RAB’s range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2011.

#### Construction

- **IP Rating:** Ingress Protection rating of IP66 for dust and water.
- **Cold Weather Starting:** Minimum starting temperature is -40°F / -40°C

#### Ambient Temperature:

Suitable for use in 40°C (104°F) ambient temperatures

#### Effective Projected Area:

EPA = 1.2

#### Thermal Management:

Superior thermal management with external air-flow fins

#### Housing:

Precision die-cast aluminum, Type V distribution.

#### Support Arms:

Extruded aluminum.

#### Lens:

Clear tempered glass lens.

#### Reflector:

Specular vacuum-metallized polycarbonate, Type V distribution.

#### Gaskets:

High-temperature silicone

#### Finish:

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contains no VOC or toxic heavy metals.

#### Green Technology:

Mercury and UV free, and RoHS compliant.

### Electrical

- **Drivers (3):** Constant Current, 720mA, Class 2 with 6kV surge protection, 100-277VAC, 50/60 Hz.

#### THD:

7.8% at 120V, 11.3% at 277V

### Other

- **Patents:** The designs of the ALED5T78 are protected by patents pending in US, Canada, China, Taiwan and Mexico.

#### Country of Origin:

Designed by RAB in New Jersey and assembled in the USA by RAB’s IBEW Local 3 workers.

#### Buy American Act Compliant:

This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

#### Recovery Act (ARRA) Compliant:

This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

#### Trade Agreements Act Compliant:

This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.
**ALED5T78Y**

### Technical Specifications (continued)

**Other**

- **GSA Schedule:** Suitable in accordance with FAR Subpart 25.4.

**Optical**

- **BUG Rating:** B3 U1 G1

### Dimensions

- IES type V (circular) distribution
- 100,000-hour LED lifespan
- Compatible with standard 2 3/8" and 3" tenons
- Air-flow fins for maximum heat dissipation
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### Ordering Matrix

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