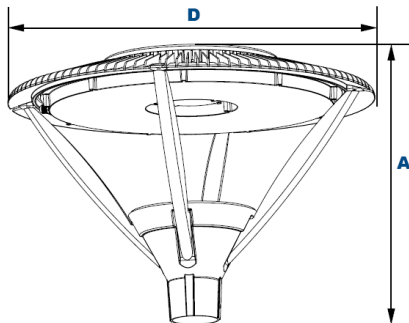


Fixture Type: \_\_\_\_\_  
 Model Number: \_\_\_\_\_  
 Project Name: \_\_\_\_\_



# REVELA LARGE OPEN

## Decorative Open Round Pole Mount



| Dimensions   |                 |
|--------------|-----------------|
| Diameter (D) | 26 3/4" (679mm) |
| Height (A)   | 19 7/8" (505mm) |

| EPA (Sq. Ft.) | Weight (Lbs.) |
|---------------|---------------|
| 1.80          | 32 Lbs        |

**General:** The Revela Large Open architectural round pole mount is available in Type III or Type V distributions and is designed to replace HID lighting systems up to 1,000 watts. Typical installations include parking areas, walkways, and street lighting applications. Mounting heights of 12' to 30' can be used based on light level and uniformity requirements.

**Exterior:** Die-cast aluminum housing with integral heat sink.

**Wattage:** 100w Array/108w System (150-250 HID Equivalent)  
 176w Array/190w System (400-1000 HID Equivalent)  
 276w Array/293w System (400-1000 HID Equivalent)

**Driver:** Constant current electronic driver, 120V-277V, 50/60Hz or 347-480V, 50/60Hz; <20% THD; PF>0.90. Internal surge protection 6kV standard. 0-10V dimming standard for dimming range of 100% to 10%; dimming source current 150 microamps.

**Lens:** UV-stabilized and vandal-resistant, clear or opal polycarbonate upper lens seals LED array.

**Finish:** Black powdercoat finish over a chromate conversion coating. Consult factory for custom finishes.

**Mount:** Accommodates 2-7/8" x 3" pole top tenon.

**Controls:** Fixtures ordered with factory-installed photocell or motion sensor controls are internally wired for switching and/or 1-10V dimming within the housing. Remote direct wired interface of 1-10V dimming is not implied and may not be available, please consult factory. Fixtures are tested with factory controls and may not function properly with controls supplied by others. *Fixtures are NOT designed for use with line voltage dimmers.*

**Certifications:**  
 CSA listed for Wet Locations  
 ANSI/UL 1598, 8750  
 IP66 Sealed LED Compartment  
 Operating temperature: -40°C to +50°C



content of specification sheet is subject to change.

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Fixture Type: \_\_\_\_\_  
 Model Number: \_\_\_\_\_  
 Project Name: \_\_\_\_\_



## PHOTOMETRIC TECHNICAL DATA

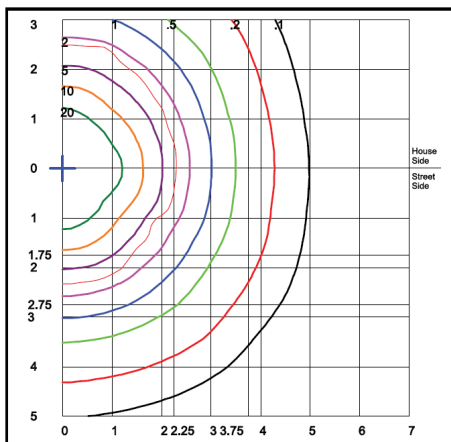
### Projected Lumen Maintenance

| Data shown for 5000 CCT                     |                                       | Compare to MH |            |            |             |                     |
|---|---------------------------------------|---------------|------------|------------|-------------|---------------------|
| TM-21-11                                    | Input Watts                           | Initial       | 25,000 Hrs | 50,000 Hrs | 100,000 Hrs | Calculated LED Life |
| <b>L70 Lumen Maintenance @ 25°C / 77°F</b>  | All wattages up to and including 293w | 1.00          | 0.98       | 0.96       | 0.92        | 362,000             |
| <b>L70 Lumen Maintenance @ 50°C / 122°F</b> |                                       | 1.00          | 0.96       | 0.92       | 0.84        | 183,000             |
| <b>L80 Lumen Maintenance @ 40°C / 104°F</b> |                                       | 1.00          | 0.97       | 0.94       | 0.88        | 167,000             |

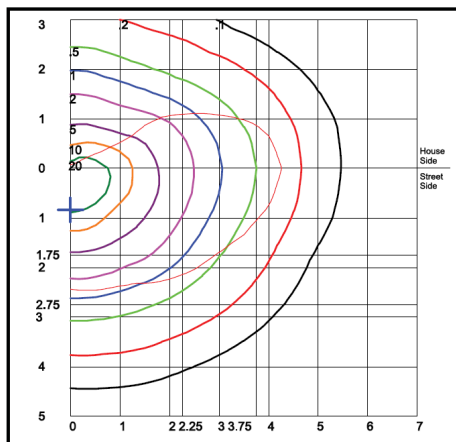
**NOTES:**

1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the base model in a 25°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.
2. Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.

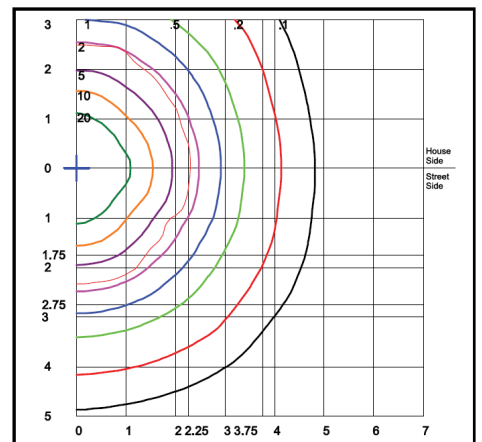
| Optic    | CCT        | Wattage Input Watts |                |                |
|----------|------------|---------------------|----------------|----------------|
|          |            | 100W<br>108.2W      | 176W<br>190.4W | 276W<br>292.5W |
| Type III | 3000K      | 7,363               | 12,958         | -              |
|          | 4000K      | 7,661               | 13,483         | -              |
|          | 5000K      | 7,959               | 14,008         | -              |
|          | BUG Rating | B2-U0-G2            | B3-U0-G3       | -              |
| Type V   | 3000K      | -                   | 17,880         | 30,285         |
|          | 4000K      | -                   | 18,818         | 31,259         |
|          | 5000K      | -                   | 19,174         | 32,477         |
|          | BUG Rating | -                   | B3-U2-G2       | B4-U0-G3       |



**LREV-O-PT-276LED-5K-TY5-CPL**  
 Type V Distribution  
 Grid in MH / MH = 10 Feet



**LREV-O-PT-176LED-5K-TY3-CPL**  
 Type V Distribution  
 Grid in MH / MH = 10 Feet



**LREV-O-PT-100LED-5K-TY5-OPL**  
 Type V Distribution  
 Grid in MH / MH = 10 Feet



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Fixture Type: \_\_\_\_\_  
 Model Number: \_\_\_\_\_  
 Project Name: \_\_\_\_\_



| SERIES | STYLE | MOUNTING | WATTAGE | COLOR (K) | DISTRIBUTION | UPPER LENS | OPTIONS | VOLTAGE | FINISH |
|--------|-------|----------|---------|-----------|--------------|------------|---------|---------|--------|
| LREV   | O     | PT       |         |           |              |            |         |         |        |

## MODEL NUMBER DETAIL

|                     |                          |               |  |
|---------------------|--------------------------|---------------|--|
| <b>SERIES</b>       | <input type="checkbox"/> | <b>LREV</b>   | Large Revela LED Pole Mount  |
| <b>STYLE</b>        | <input type="checkbox"/> | <b>O</b>      | Open   |
| <b>MOUNTING</b>     | <input type="checkbox"/> | <b>PT</b>     | Post Top (2-7/8" OD x 3" Tenon)  |
| <b>WATTAGE</b>      | <input type="checkbox"/> | <b>100LED</b> | 100-watt LED Module  |
|                     | <input type="checkbox"/> | <b>176LED</b> | 176-watt LED Module  |
|                     | <input type="checkbox"/> | <b>276LED</b> | 276-watt LED Module <i>(Type V only)</i>   |
| <b>COLOR (K)</b>    | <input type="checkbox"/> | <b>3K</b>     | 3000K <i>(176-watt, Type V only)</i>   |
|                     | <input type="checkbox"/> | <b>4K</b>     | 4000K  |
|                     | <input type="checkbox"/> | <b>5K</b>     | 5000K  |
| <b>DISTRIBUTION</b> | <input type="checkbox"/> | <b>TY3</b>    | Type III Distribution  |
|                     | <input type="checkbox"/> | <b>TY5</b>    | Type V Distribution  |
| <b>UPPER LENS</b>   | <input type="checkbox"/> | <b>CPL</b>    | Clear Polycarbonate  |
|                     | <input type="checkbox"/> | <b>OPL</b>    | Opal (translucent) Polycarbonate <i>(Type V only)</i>                            |
| <b>OPTIONS</b>      | <input type="checkbox"/> | <b>SF</b>     | Single Fuse**  |
|                     | <input type="checkbox"/> | <b>DF</b>     | Double Fuse**  |
|                     | <input type="checkbox"/> | <b>SP</b>     | Surge Protection   |
|                     | <input type="checkbox"/> | <b>S2</b>     | Microwave Sensor with Dimming** <i>(mounting heights of 8' to 40')</i>           |
|                     | <input type="checkbox"/> | <b>S4</b>     | Microwave On/Off Sensor with No Dimming** <i>(mounting heights of 8' to 19')</i> |
|                     | <input type="checkbox"/> | <b>R3</b>     | 3-Pin Twist Lock Photocell Receptacle  |
|                     | <input type="checkbox"/> | <b>R5</b>     | 5-Pin Twist Lock Photocell Receptacle  |
|                     | <input type="checkbox"/> | <b>R7</b>     | 7-Pin ANSI C136.41-2013 Twist Lock Photocell Receptacle                          |
|                     |                          |               | ** 120v-277v models only   |
| <b>VOLTAGE</b>      | <input type="checkbox"/> | <b>UNV</b>    | Universal Voltage (120v-277v) (50/60Hz)  |
|                     | <input type="checkbox"/> | <b>347V</b>   | 347 Volt - 480 Volt (50/60Hz)  |
| <b>FINISH</b>       | <input type="checkbox"/> | <b>BLK</b>    | Black  |
|                     | <input type="checkbox"/> | <b>CC</b>     | Custom Color - Consult Factory   |

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