The AmberLED LLWCTRS C3 Turbine Full Cut-off wall mount cylinder is available with a shielded IES Type V distribution, and is certified by the Florida Fish & Wildlife Conservation Commission (FWC) for wildlife applications that are directly visible from the shore requiring monochromatic AMBER light. LEDs operate between 585 and 595 nm, greater than 560nm required by FWC. Typical applications include retail centers, hotels, residential, parks, schools and universities, office buildings and medical facilities. Mounting heights of up to 12 feet can be used based on light level and uniformity requirements.

**Specifications and Features:**

- **Housing:** Extruded Round Aluminum Housing with Built-in Heat Sinks. Includes Visor Required to Maintain FWC Certification.
- **Listing & Ratings:** CSA Listed for Wet Locations, ANSI/UL 1598, 8750
- **Finish:** Textured Architectural Bronze or Black Powdercoat Finish Over a Chromate Conversion Coating. Custom Colors Available Upon Request.
- **Lens:** Tempered Clear Flat Glass Lens
- **Reflector:** Wide, Medium and Narrow Distributions
- **Mounting Options:** Mount Over a 4˝ Recessed Outlet Box.
- **COB LED:** Amber COB
  - **Wattage:** COB 20w, System Input 21w (100w HID Equivalent)
  - **Driver:** Electronic Driver, 120-277V, 50/60Hz; Less Than 20% THD and PF>0.90. Standard Internal Surge Protection 2kV. 0-10V Dimming Standard for a Dimming Range of 100% to 10%; Dimming Source Current is 150 Microamps.
- **Warranty:** 5-Year Warranty for -40°C to +50°C Environment.

**Order Information Example:**

```
LLWCTRSAC31X20UAMKZSPVS
```

**Certification & Listings:**

- **Certification #2018-001**
- **CSA:** Listed for Wet Locations, ANSI/UL 1598, 8750
- **IP65:** Sealed LED Compartment.
- **CSA:** Listed for Wet Locations, ANSI/UL 1598, 8750
- **Extruded Round Aluminum Housing with Built-in Heat Sinks.**
- **Certification & Listings:**
  - **Warranty:** 5-Year Warranty for -40°C to +50°C Environment.
  - **See Page 2 for Projected Lumen Maintenance Table.**
AmberLED Up or Down Turbine LED
Wall Cylinder

Replacement Parts
(Order separately, Field installed)

- PC1 120VAC Photocell
- PC2 250-305VAC Photocell
- 3EBL120277 Battery Backup, Provides 90 Minutes of Backup Power

Photometric Data

Amber LED - Spectral Chart

Photometric Performance

- LED Board Watts
- Drive Current (mA)
- Input Watts
- Beam

<table>
<thead>
<tr>
<th>LED COB 20w</th>
<th>525</th>
<th>21</th>
</tr>
</thead>
<tbody>
<tr>
<td>A Medium</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B Wide</td>
<td></td>
<td></td>
</tr>
<tr>
<td>D Narrow</td>
<td></td>
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</tbody>
</table>

Projected Lumen Maintenance

<table>
<thead>
<tr>
<th>Data shown for 4100 CCT</th>
<th>Compare to MH</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Input Watts</td>
</tr>
<tr>
<td>L70 Lumen Maintenance @ 25°C / 77°F</td>
<td>21</td>
</tr>
<tr>
<td>L70 Lumen Maintenance @ 50°C / 122°F</td>
<td>21</td>
</tr>
<tr>
<td>L80 Lumen Maintenance @ 40°C / 104°F</td>
<td>21</td>
</tr>
</tbody>
</table>

NOTES:
1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the 525mA 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.