

**AIWCTRS**

**L70**  
25°C

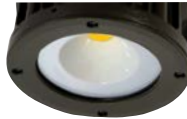
**89,000 Hours**



**Amber 2Gen LED Down Light  
Wall Cylinder**



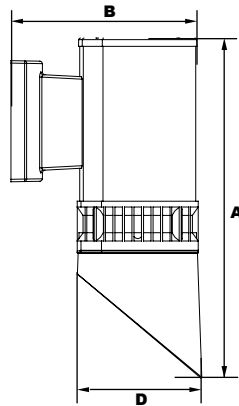
Shown with "VS" Visor



Shown with "A"  
Medium Optic



Shown with "D"  
Narrow Optic



**Dimensions**

<b>Diameter (D)</b>	5¼" (146mm)
<b>Length (B)</b>	8⅞" (226mm)
<b>Height (A)</b>	16¼" (410mm)

**Project Information:**

Project Name: \_\_\_\_\_ Fixture Type: \_\_\_\_\_

Complete Catalog #: \_\_\_\_\_ Date: \_\_\_\_\_

Comments: \_\_\_\_\_

The Atlantic Amber AIWCTRS C<sup>3</sup> 2Gen 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; IP66 Sealed LED Compartment.

**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.

**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 Atlantic Controls and May Not Function Properly With Controls Supplied By Others. Fixtures are NOT Designed for Use with Line Voltage Dimmers.

**Warranty:**

5-Year Warranty for -40°C to +50°C Environment.

See Page 2 for Projected Lumen Maintenance Table.

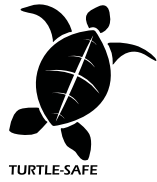
**Amber**



Certification #2018-001

**Certification & Listings:**





Order Information Example:			AIWCTRSAC31X20UAMZSPVS				Shipped from Tampa location only		
AIWCTRS		C3	1X20	U	AM			VS	
Model	Optics	LED	Wattage	Driver	CCT	Color	Options	Shield	
AIWCTRS= Amber 2Gen LED Down Light Wall Cylinder	A=70° Reflector B=100° Reflector D=30° Reflector	C3=Amber COB	1X20=20w	U=120-277V	AM=Amber	Z=Bronze B=Black C=Custom (Consult Factory)	SF=Single Fuse* DF=Double Fuse* SP=Surge Protection PC3=Photocell, 120-277VAC BU=Battery Backup, 90 Minutes* BUC=Cold Start Battery Backup, -20°C, 90 Minutes* *120-277V Models Only.	VS=Visor	

**Accessories & Replacement Parts:**

**Replacement Parts  
(Order Separately, Field Installed)**

AIP18103 120-277VAC Photocell  
For Replacement Battery Backup, see the Atlantic LED Battery Backup Specification Sheet.

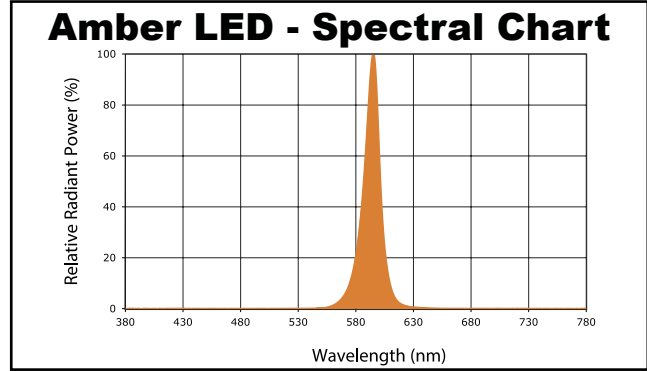


**AIP18103**

**Photometric Performance**

LED Board Watts	Drive Current (mA)	Input Watts	Beam	
LED COB 20w	525	21	A	Medium
			B	Wide
			D	Narrow

**Spectral Chart**



**Projected Lumen Maintenance**

Data shown for Amber LEDs TM-21-11	Input Watts	Compare to MH				Calculated LED Life
		Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	
L70 Lumen Maintenance @ 25°C / 77°F	21	1.00	0.92	0.83	0.66	89,000
L70 Lumen Maintenance @ 50°C / 122°F		1.00	0.90	0.81	0.62	78,000
L80 Lumen Maintenance @ 40°C / 104°F		1.00	0.93	0.86	0.72	72,000

**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.