

PROlite LED Lighting™

A Division of Emergensee® Lighting, Inc.

TYPE: _____ DATE: _____

JOB NAME: _____

CONTRACTOR: _____

CATALOG NO: _____

NOTES: _____

PWCTRS

AmberLED Up or Down Turbine LED Wall Cylinder

HOUSING

- Extruded Round Aluminum Housing with Built-in Heat Sinks. Includes Visor Required to Maintain FWC Certification.

LISTINGS AND RATINGS

- CSA: Listed for Wet Locations
- ANSI/UL 1598, 8750
- IP65 Sealed LED Compartment

FINISH

- Textured Architectural Bronze or White Powdercoat Finish Over a Chromate Conversion Coating. Custom Colors Available On Request

LENS

- Tempered Clear Flat Glass Lens

REFLECTOR

- Wide, Medium and Narrow Distributions

MOUNTING OPTIONS

- Mount Over a 4" Recessed Outlet Box.

AmberLED

- Amber COB

WATTAGE

- COB 20w, System Input 21w
- (100w HID Equivalent)

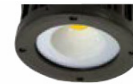
DRIVER

- Electronic Driver, 120-277V, 50/60Hz; Dimmable Driver

WARRANTY

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

L70
25°C **89,000 Hours**



Shown with "A" Medium Optic



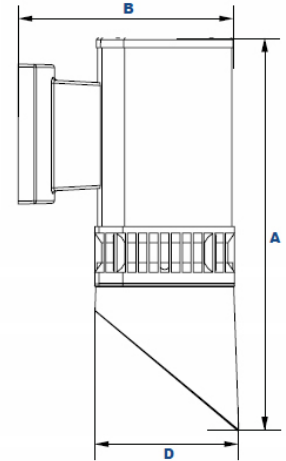
Shown with "D" Narrow Optic



TURTLE-FRIENDLY

The LEPA AmberLED PWCTRS 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.

DIMENSIONS



Dimensions

Diameter (D)	5 1/4" (146mm)
Length (B)	8 3/4" (226mm)
Height (A)	16 1/2" (410mm)

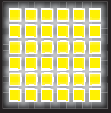


Certification #2018-001



ORDERING INFORMATION: EXAMPLE= PWCTRSAC31X20UAMKZSPVS

MODEL	OPTICS	LED	WATTAGE	VOLTAGE	CCT	COLOR	OPTIONS	SHIELD
PWCTRS	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 PC1=Photocell, 120VAC PC2=Photocell, 240-277VAC BU=Battery Backup, 90 Minutes	VS=Visor



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ACCESSORIES & REPLACEMENT PARTS



PC1 & PC2

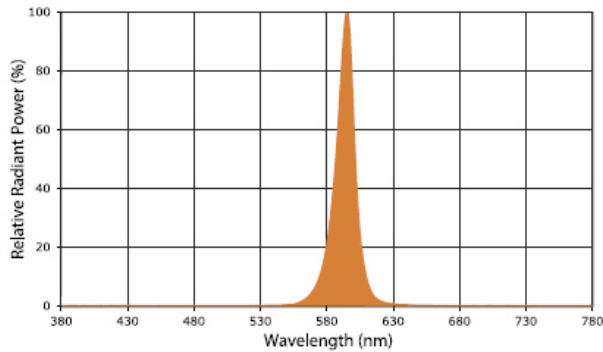
3EBL120277

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	
LED COB 20w	525	21	A	Medium
			B	Wide
			D	Narrow

PROJECTED LUMEN MAINTENANCE

Data shown for 4100 CCT			Compare to MH				
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L70@ 25°C	
L70 Lumen Maintenance @ 25°C / 77°F	21	1.00	0.92	0.83	0.66	89,000	
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L70@ 50°C	
L70 Lumen Maintenance @ 50°C / 122°F	21	1.00	0.90	0.81	0.62	78,000	
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L80@ 40°C	
L80 Lumen Maintenance @ 40°C / 104°F	21	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.