LEDALUX®
A DIVISION OF MULE LIGHTING, INC.

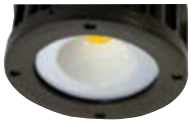
TURTLE-FRIENDLY

LXWCTRS

L70 25°C — 89,000 Hours

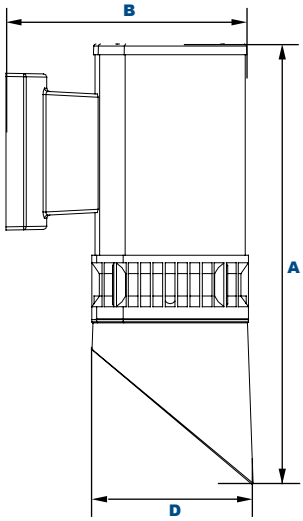
AmberLED Up or Down Turbine LED Wall Cylinder

Shown with "VS" Visor



Shown with "A" Medium Optic

Shown with "D" Narrow Optic



Dimensions

Diameter (D)	5¾" (146mm)
Length (B)	8⅞" (226mm)
Height (A)	16¼" (410mm)

AmberLED Technology

The AmberLED LXWCTRS 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
IP65 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; Dimmable Driver

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

See Page 2 for Projected Lumen Maintenance Table.

AmberLED

WILDLIFE LIGHTING
Certification #2018-001

Order Information Example: LXWCTRS-20W-U-AM-VS

LXWCTRS		C3	20W	U	AM			VS
Model	**Optics**	**LED**	**Wattage**	**Driver**	**CCT**	**Color**	**Options**	**Shield**
LXWCTRS= LED Up or Down Wall Cylinder	**A**=70° Reflector **B**=100° Reflector **D**=30° Reflector	**C3**=Amber COB	**20W**=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, 250-305VAC **BU**=Battery Backup, 90 Minutes	**VS**=Visor

Project Information:

Project Name: _____ Fixture Type: _____

Complete Catalog #: _____ Date: _____

Comments: _____

Certification & Listings:

IP65

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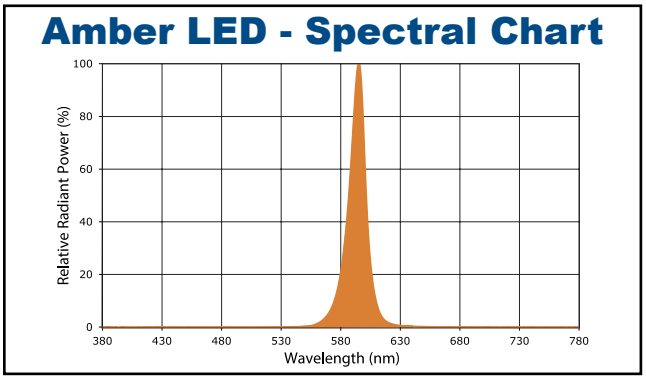
Accessories & Replacement Parts:

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



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.

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