



WT **L70** **89,000 Hours**
25°C

LED Up/Down Turbine LED Wall Cylinder



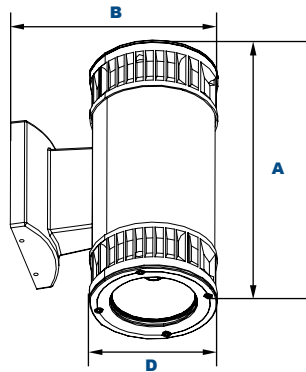
Shown with "B" Wide Optic



Shown with "A" Medium Optic



Shown with "D" Narrow Optic



Dimensions

Diameter (D)	5 1/2" (146mm)
Length (B)	8 1/4" (226mm)
Height (A)	12 1/2" (316mm)

COB Technology

The Jemm WT Turbine architectural wall cylinder provides up/down lighting with narrow, medium and wide distributions designed to replace HID lighting systems from up to 100w MH or HPS. Typical wall mounted lighting applications include retail centers, industrial parks, schools and universities, public transit and airports, office buildings and medical facilities. Mounting heights of 8 to 16 feet can be used based on light level and uniformity requirements.

Specifications and Features:

Housing:

Extruded Round Aluminum Housing with Built-in Heat Sinks.

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 Lenses

Reflector:

Wide, Medium and Narrow Distributions

Mounting Options:

Mount Over a 4" Recessed Outlet Box.

COB LED:

QSSI Cool Copper COB

Wattage:

COB: 40w, System: 40w; (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 LEPC 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.

Order Information Example: WTAC340U41KZSP

		C3	40		41K		
Model	Optics	LED	Wattage	Driver	CCT	Color	Options
WT= LED Up/Down Wall Cylinder	A=70° Up/70° Down B=100° Up/100° Down C=70° Up/100° Down D=30° Up/30° Down E=30° Up/100° Down F=30° Up/70° Down G=100° Up/30° Down H=100° Up/70° Down I=70° Up/30° Down	C3=QSSI COB	40	U=120-277V H=347-480V	41K=4100K	Z=Bronze B=Black C=Custom (Consult Factory)	SF=Single Fuse DF=Double Fuse SP=Surge Protection PC1=Photocell, 120VAC PC3=Photocell, 120-277VAC BU=Battery Backup, 90 Minutes

Project Information:

Project Name: _____ Fixture Type: _____

Complete Catalog #: _____ Date: _____

Comments: _____

Certification & Listings:



LED Up/Down Turbine LED Wall Cylinder

Accessories & Replacement Parts:



P18100 & P18103

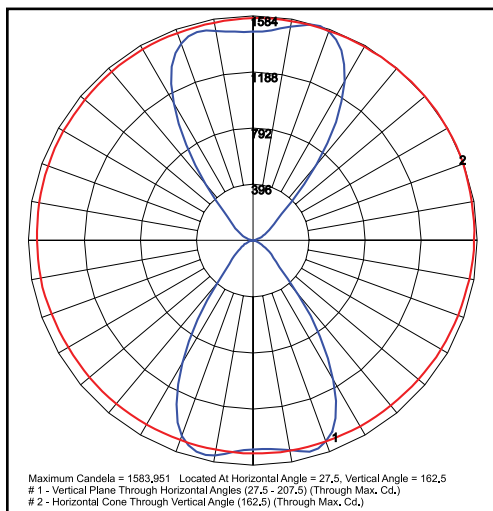
Replacement Parts (Order Separately, Field Installed)

P18100 120VAC Photocell

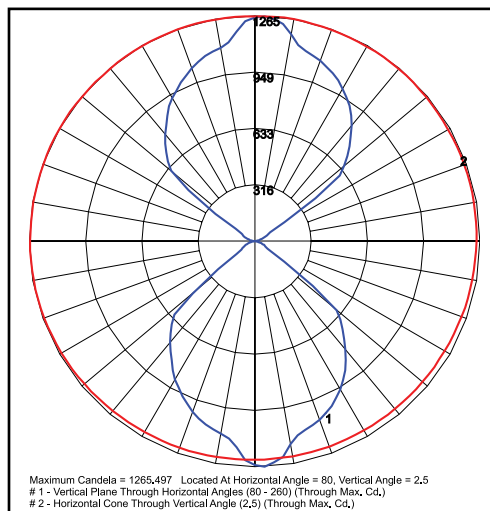
P18103 120-277VAC Photocell

For Replacement Battery Backup, see the LEPC LED Battery Backup Specification Sheet.

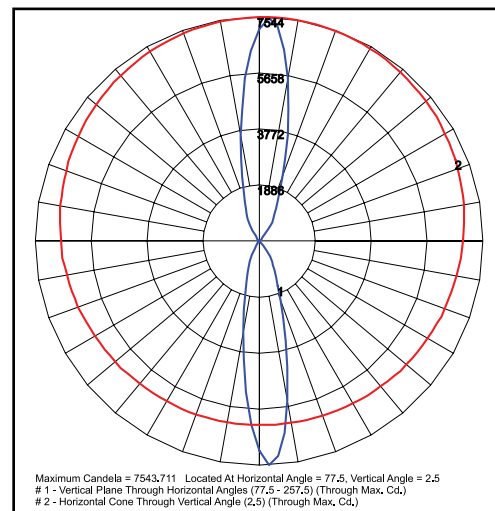
Photometric Data



WTAC340U41K
70° Up/70° Down Optic



WTBC340U41K
100° Up/100° Down Optic



WTDC340U41K
30° Up/30° Down Optic

Photometric Performance

LED Board Watts	Drive Current (mA)	Input Watts	Beam	4100 CCT 80 CRI				
				Lumens	LPW	B	U	G
LED COB 40w	525	40	A Medium	4,398	110	2	5	0
			B Wide	4,577	114	1	5	0
			D Narrow	4,344	109	2	5	0

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	40	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	40	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	40	1.00	0.93	0.86	0.72	72,000	

NOTES:

- 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.
- Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.