

# PWCTRD

## LED Up or Down Turbine LED Wall Cylinder

### HOUSING

- Extruded Round Aluminum Housing with Built-in Heat Sinks.

### 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.

### COB LED:

- QSSI Cool Copper COB

### WATTAGE

- COB 40w, System Input 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.

### WARRANTY

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

### ORDERING INFORMATION: EXAMPLE= PWCTRDAC32X20U41KZSP

MODEL	OPTICS	LED	WATTAGE	VOLTAGE	CCT	COLOR	OPTIONS
PWCTRD	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	1X20=20w	U=120-277V	41K=4100K	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

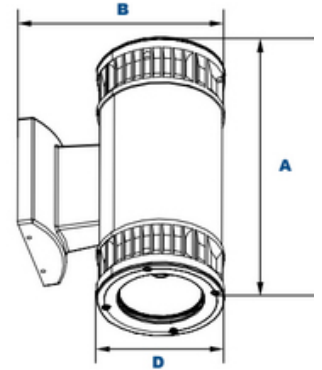


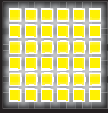
The LEPG PWCTRD Turbine architectural wall cylinder provides up/down lighting with narrow, medium and wide distributions designed to replace HID lighting systems from up to 100w MH or HPS. Typical wall mounted lighting applications include retail centers, industrial parks, schools and universities, public 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.

### DIMENSIONS

#### Dimensions

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





# PROlite LED Lighting™

A Division of Emergensee® Lighting, Inc.



TYPE: \_\_\_\_\_ DATE: \_\_\_\_\_

JOB NAME: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

CATALOG NO: \_\_\_\_\_

NOTES: \_\_\_\_\_

## ACCESSORIES & REPLACEMENT PARTS

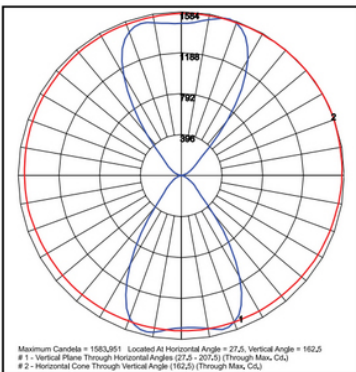


PC1 & PC2 3EBL120277

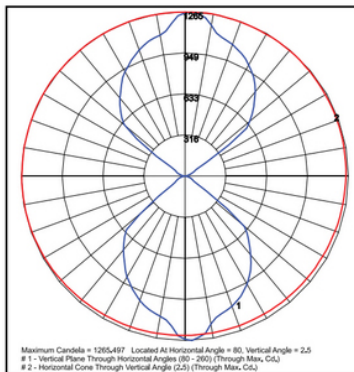
### Replacement Parts (Order separately, Field installed)

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

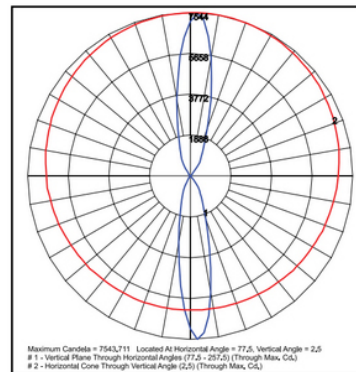
## PHOTOMETRIC DATA



WCTRDAC32X20U41K  
70° Up/70° Down Optic



WCTRDBC32X20U41K  
100° Up/100° Down Optic



WCTRDDC32X20U41K  
30° Up/30° Down Optic

## PHOTOMETRIC PERFORMANCE

LED Board Watts	Drive Current (mA)	Input Watts	4100 CCT 80 CRI						
			Beam	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.