

## 6in LED Outdoor Up/Down Wall Cylinder

 Wall mounted • Wet location listed 

### Description:

6" up/down wall cylinder. The P5642 Series are ideal for a wide variety of interior and exterior applications including residential and commercial. The Cylinders feature a 120V alternating current source and eliminates the need for a traditional LED driver. This modular approach results in an encapsulated luminaire that unites performance, cost and safety benefits. Specify P860039 top cover lens for use in wet locations.

### Specifications:

- Metallic Gray (-82) (Powder Coat Paint)
- Die cast and extruded aluminum Construction
- 1,262 lumens 44 lumens/watt per module
- 3000K color temperature, 90+ CRI
- Dimmable to 10% brightness (See Dimming Notes)
- Back plate covers a standard 4" octagonal recessed outlet box
- Mounting strap for outlet box included
- 6" of wire supplied
- Meets California Title 24 high efficacy requirements for outdoor use only

### Performance:

Number of Modules	2
Input Power	29w per module
Input Voltage	120 V
Input Frequency	60 Hz
Lumens/LPW	2029/34.4 (LM-79) per module
CCT	3000 K
CRI	90 CRI
Life (hours)	60,000 (L70/TM-21)
FCC	FCC Title 47, Part 15 Class B
Min. Start Temp	-30 °C
Max. Operating Temp	30 °C
Warranty	5 year warranty
Labels	cCSAus Wet location listed Meets California Title 24 high efficacy requirements for outdoor use only

## P5642-82/30K

### Images:



### Dimensions:

Diameter: Width: 6"  
 Depth: 8-7/8"  
 Height: 18"  
 H/CTR: 8"

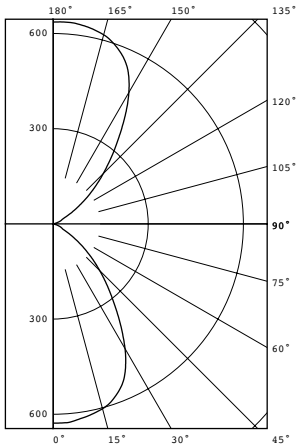
**Photometrics:**

## P5642-82/30K

<b>ELECTRICAL DATA</b>	<b>P5642-82/30K</b>
Input Voltage	120 V
Input Frequency	60 Hz
Input Current	0.11 A
Input Power	29
Power Factor	0.931
THD	<20%
FCC	FCC Title 47, Part 15 Class B
Operating Temperature	-30 °C to 30 °C
Dimming	Yes*
Over-voltage, over-current, short-circuit protected	
*See Dimming Notes for more information	

**P5642-82/30K**

LED Light Engine: 3000 K 90 CRI CRI  
 System Wattage: 29  
 Fixture delivered lumens: 2029  
 Fixture Efficacy: 34.4  
 Spacing Criteria: 1.1



**CANDELA DISTRIBUTION**

DEG	CANDELA	LUMENS
0.0		
0	628	
5	627	59
15	603	170
25	532	242
35	361	226
45	208	161
55	93	84
65	30	31
75	11	13
85	2	3
90	0	
95	3	3
105	12	13
115	31	33
125	103	94
135	224	173
145	385	240
155	550	250
165	617	174
175	637	61
180	636	

**ZONAL LUMEN SUMMARY**

ZONE	LUMENS	%FIXT
0-30	471	23.2
0-40	696	34.3
0-60	942	46.4
0-90	988	48.7
90-120	50	2.5
90-130	143	7.1
90-150	557	27.5
90-180	1041	51.3
0-180	2029	100.0

**P5642-82/30K****Dimming Notes:**

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P5642 is designed to be compatible with many ELV/Reverse Phase controls.

The following is a partial list of known compatible dimmer controls.

**Dimming Controls**

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Lutron Diva DVELV-300P

Lutron Nova NTELV-300

Lutron Verti VTELV-600

Lutron MAELV-600

Lutron SPELV-600

Leviton AWRMG-EAW

Leviton 6615-P

Dimming capabilities will vary depending on the dimmer control, load, and circuit installation. Always refer to dimmer manufacturer instructions or a controls specialist for specific requirements.

Dimmer control brand names where identified above are trade names or registered trademarks of each respective company.