

6in LED Outdoor Up/Down Wall Cylinder

Wall mounted • Wet location listed **PROGRESS LED**

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:

- Black (-31) (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	1783/30 (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

P5642-31/30K

Images:



Dimensions:

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

Photometrics:

P5642-31/30K

ELECTRICAL DATA	P5642-31/30K
Input Voltage	120 V
Input Frequency	60 Hz
Input Current	0.11 A
Input Power	29
Power Factor	0.932
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	

P5642-31/30K

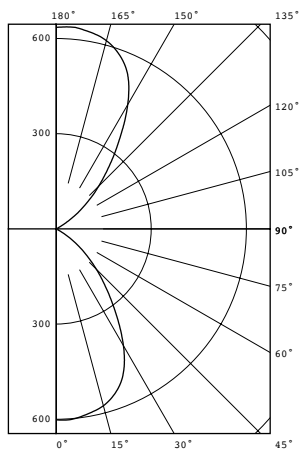
LED Light Engine: 3000 K 90 CRI CRI
System Wattage: 29
Fixture delivered lumens: 1783
Fixture Efficacy: 30
Spacing Criteria: 1.1

CANDELA DISTRIBUTION

DEG	CANDELA	LUMENS
0.0		
0	602	
5	602	57
15	577	162
25	502	228
35	332	208
45	180	139
55	66	61
65	6	8
75	2	2
85	0	0
90	0	
95	0	0
105	2	2
115	6	8
125	69	63
135	190	147
145	352	221
155	535	243
165	614	173
175	638	61
180	635	

ZONAL LUMEN SUMMARY

ZONE	LUMENS	%FIXT
0-30	447	25.1
0-40	655	36.7
0-60	855	47.9
0-90	865	48.5
90-120	11	0.6
90-130	74	4.2
90-150	442	24.8
90-180	918	51.5
0-180	1783	100.0



P5642-31/30K**Dimming Notes:**

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

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.