

# 6" LED Square Cylinder Down Wall Lantern Wall mounted • Wet location listed

## Description:

6" LED Square Cylinder with heavy-duty aluminum construction, die-cast aluminum wall bracket. UL listed for wet locations. Powder coat for chipping and fading resistance. Dark Sky compliant for down light only. The P5643 is ideal for indoor/outdoor applications. It can be used in residential or light commercial installations.

## Specifications:

- White (-30) (painted)
- Die-cast aluminum Construction
- Ideal for a wide variety of interior and exterior applications.
- Die-cast aluminum construction with durable powder coated finish
- 1864 lumens 64 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	1
Input Power	29w
Input Voltage	120 V
Input Frequency	60 Hz
Lumens/LPW (Source)	
Lumens/LPW (Delivered)	1864/64 (LM-79)
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	cULus Wet location listed
	Meets California Title 24 high efficacy requirements for outdoor use only

## P5643-30-30K

## Images:



## Dimensions:

Width: 6"  
 Height: 12"  
 H/CTR: 7-1/2"

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## Photometrics:

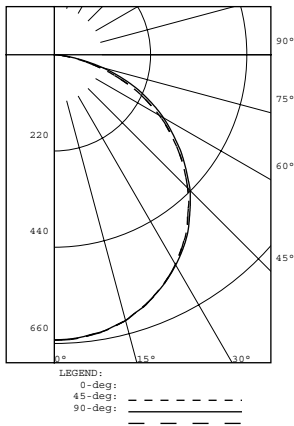
## P5643-30-30K

<b>ELECTRICAL DATA</b>	<b>P5643-30-30K</b>
Input Voltage	120 V
Input Frequency	60 Hz
Input Current	
Input Power	29
Power Factor	
THD	<20%
FCC	FCC Title 47, Part 15, Class B
Operating Temperature	-30 °C to 30 °C
Dimming	Yes*

\*See Dimming Notes for more information

### P5643-3030K

LED Light Engine: 3000K 90  
 System Wattage: 29  
 Fixture delivered lumens: 1864  
 Fixture Efficacy: 64  
 Spacing Criteria: 1.3



### CANDELA DISTRIBUTION

DEG	CANDELA					LUMENS
	0.0	22.5	45.0	67.5	90.0	
0	652	652	652	652	652	
5	650	650	649	649	650	62
15	628	628	629	629	629	177
25	583	583	584	583	584	269
35	518	520	522	520	517	325
45	431	435	439	434	431	335
55	329	336	338	335	331	299
65	220	227	233	227	219	224
75	99	107	115	108	98	114
85	14	17	17	16	15	22
90	0	0	0	0	0	

ZONAL ZONE	LUMEN LUMENS	SUMMARY %FIXT
0-30	508	27.8
0-40	833	45.6
0-60	1467	80.3
0-90	1826	100.0
90-180	0	0.0
0-180	1826	100.0

## P5643-30-30K

### Dimming Notes:

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P5643 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\_T NTELV-300

Lutron Maestro MAELV-600

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.