

CYLINDER

Ceiling mounted • Damp location listed



Specifications:

Description:

The P5741 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.

Construction:

Black (-31) (powdercoat)
 Die cast and extruded aluminum construction
 metal shade
 Flicker-free dimming to 10% brightness with most ELV type dimmers
 (See Dimming Notes)
 Unit covers a standard 4" hexagonal recessed outlet box
 Mounting strap for outlet box included
 6" of wire supplied

Performance:

Number of Modules	1
Input Power	29W
Input Voltage	120V
Input Frequency	60Hz
Lumens/LPW	1295/44 (LM-79) per module
CCT	3000K
CRI	90
Life	60,000 (L70/TM-21)
EMI/RFI	FCC Title 47, Part 15, Class B
Min. Start Temp	-30° C
Max. Operating Temp	30° C
Warranty	5 year warranty
Labels	cCSAus Damp location listed

P5741-31/30K

Images:



Dimensions:

Diameter: 6"
 Height: 12"

Catalog number:

Base	Finish	Color Temp	CRI
P5741	31 - Black	30K - 3000K	Blank- 90 CRI

CYLINDER

Ceiling mounted • Damp location listed



P5741-31/30K

Dimming Notes:

P5741 is designed to be compatible with many Electronic Low Voltage (ELV-Reverse Phase) controls.

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

Electronic Low Voltage ELV Reverse Phase Controls

Lutron	Diva Series	(Part Number DVELV-300P)
Lutron	Nova T Series	(Part Number NTELV-300)
Lutron	Vierti Series	(Part Number VTELV-600)
Lutron		(Part Number MAELV-600)
Lutron		(Part Number SPELV-600)
Leviton		(Part Number AWRMG-EAW)
Leviton		(Part Number 6615-P)

Digital type dimmers are not recommended.

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.

CYLINDER

ceiling mounted • Damp location listed

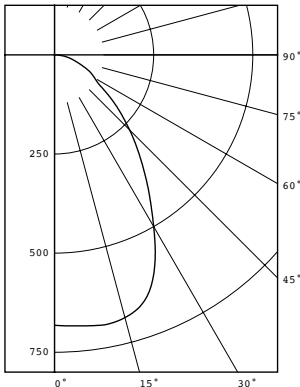


Photometrics:

P5741-31/30K

ELECTRICAL DATA	P5741-31/30K
Input Voltage	120V
Input Frequency	60Hz
Input Current	0.11A
Input Power	29W
Power Factor	>0.90
THD	<20%
EMI Filtering	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	

P5741-31/30K
LED Light Engine: 3000K 90 CRI
System Wattage: 29.3
Fixture delivered lumens: 1274
Fixture Efficacy: 44.2
Spacing Criteria: 1.1



CANDELA DISTRIBUTION	
DEG	CANDELA
0	682
5	686
15	686
25	596
35	412
45	268
55	149
65	96
75	49
85	15
90	0

Test No. 16.00022

Tested at 25°C Ambient in accordance to IESNA LM-79-2008

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	%LUMINAIRE
0-30	530	40.9%
0-40	788	60.8%
0-60	1132	87.4%
0-90	1295	100.0%
90-180	0	0.0%
0-180	1295	100.0%

COEFFICIENTS OF UTILIZATION

Zonal Cavity Method

Room Cavity Ratio	% Effective Ceiling Cavity Reflectance															
	80%				70%				50%				30%			
	20% Effective Floor Cavity Reflectance															
	% Wall Reflectance															
	70	50	30	10	70	50	30	10	50	30	10	50	30	10		
1	110	106	103	99	108	98	100	95	96	92						
3	94	85	78	73	92	72	81	71	78	70						
5	81	70	62	56	79	56	67	55	63	54						
7	71	59	51	45	69	45	57	45	55	45						
9	63	50	43	39	61	38	49	37	48	37						

P5741-31/30K

Test No. 16.00022