

CYLINDER

Ceiling mounted • Wet location listed



Specifications:

P5774-30/30K

Description:

The P5774 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:

White (-30) (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	17W
Input Voltage	120V
Input Frequency	60Hz
Lumens/LPW	757/46 (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 Wet location listed

Images:



Dimensions:

Diameter: 5"
 Height: 6-1/2"

Catalog number:

Base
P5774

Finish
30 - White

Color Temp
30K - 3000K

CRI
Blank- 90 CRI

P5774-30/30K

Dimming Notes:

P5774 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.

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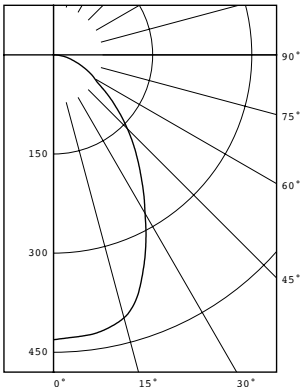


Photometrics:

P5774-30/30K

ELECTRICAL DATA	P5774-30/30K
Input Voltage	120V
Input Frequency	60Hz
Input Current	0.11A
Input Power	17W
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	

P5774-30/30K
 LED Light Engine: 3000K 90 CRI
 System Wattage: 16.3
 Fixture delivered lumens: 764
 Fixture Efficacy: 46.4
 Spacing Criteria: 1.0



CANDELA DISTRIBUTION	
DEG	CANDELA
0	431
5	428
15	412
25	329
35	233
45	158
55	94
65	57
75	29
85	9
90	0

Test No. 16.00023

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

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	%LUMINAIRE
0-30	306	40.5%
0-40	452	59.7%
0-60	659	87.1%
0-90	757	100.0%
90-180	0	0.0%
0-180	757	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			70			50			30						
1	110	106	103	99	108	98	100	95	96	92												
3	94	85	78	72	92	72	81	70	78	69												
5	81	70	62	56	79	56	67	55	65	55												
7	71	59	51	45	69	45	56	45	55	44												
9	62	50	43	38	61	38	49	37	48	37												

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