

CYLINDER

Wall mounted • Wet location listed



Specifications:

Description:

The P5674 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)
 Back plate covers a standard 4" hexagonal recessed outlet box
 4-1/2" sq. Mounting plate for outlet box included
 6" of wire supplied
 Wet location listed when used with P8799 lens cover (sold separately)

Performance:

Number of Modules	1
Input Power	17W
Input Voltage	120V
Input Frequency	60Hz
Lumens/LPW	788/46 (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

P5674-31/30K

Images:



Dimensions:

Width: 5"
 Height: 7-1/2"
 Depth: 8"
 H/CTR: 2-1/2"

Catalog number:

Base	Finish	Color Temp	CRI
P5674	31 - Black	30K - 3000K	Blank- 90 CRI

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Dimming Notes:

P5674 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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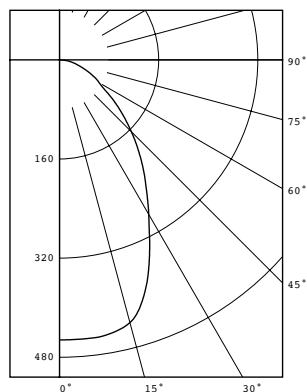


Photometrics:

P5674-31/30K

ELECTRICAL DATA	P5674-31/30K
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	

P5674-31/30K
LED Light Engine: 3000K 90 CRI
System Wattage: 16.4
Fixture delivered lumens: 785
Fixture Efficacy: 48.0
Spacing Criteria: 1.0



CANDELA DISTRIBUTION	
DEG	CANDELA
0	452
5	452
15	439
25	344
35	242
45	164
55	97
65	58
75	29
85	9
90	0

Test No. 16.00019

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

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	%LUMINAIRE
0-30	323	41.0%
0-40	475	60.2%
0-60	690	87.5%
0-90	788	100.0%
90-180	0	0.0%
0-180	788	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	70	50	30	10	70	50	30	10
1	98	94	91	87	90	81		74	69		61	58		49	43	
3	83	74	67	61	76	58		58	50		49	43		37	31	
5	70	59	51	46	65	43		47	38		40	33		30	24	
7	60	49	41	36	56	34		39	30		34	27		29	22	
9	52	41	33	29	48	27		33	24		29	22		22	17	

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Test No. 16.00019