

CYLINDER

Wall mounted • Damp location listed



Specifications:

Description:

The P5675 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:

Metallic Gray (-82) (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
 Mounting strap for outlet box included
 6" of wire supplied
 Wet location listed when used with P8799 lens cover (sold separately)

Performance:

Number of Modules	2
Input Power	17W
Input Voltage	120V
Input Frequency	60Hz
Lumens/LPW (Down)	795/46 (LM-79) per module
Lumens/LPW (Up)	795/46 (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 Damp location listed

P5675-82/30K

Images:



Dimensions:

Width: 5"
 Height: 14"
 Depth: 8-7/8"
 H/CTR: 8"

Catalog number:

Base
P5675

Finish
82 - Metallic Gray

Color Temp
30K - 3000K

CRI
Blank- 90 CRI

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Dimming Notes:

P5675 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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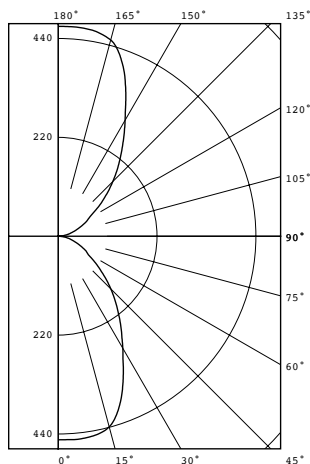


Photometrics:

P5675-82/30K

ELECTRICAL DATA	P5675-82/30K
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	

P5675-82/30K
LED Light Engine: 3000K 90 CRI
System Wattage: 33.0
Fixture delivered lumens: 1549
Fixture Efficacy: 49.0
Spacing Criteria: 1.0



CANDELA DISTRIBUTION	
DEG	CANDELA
0	453
5	454
15	439
25	343
35	243
45	166
55	99
65	60
75	31
85	9
90	0
95	9
105	31
115	62
125	103
135	172
145	251
155	356
165	452
175	467
180	467

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	%LUMINAIRE
0-30	323	20.0%
0-40	475	29.4%
0-60	692	42.8%
0-90	795	49.2%
90-120	105	6.5%
90-130	198	12.3%
90-150	488	30.2%
90-180	822	50.8%
0-180	1617	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	98	94	91	87	91	81	74	69	61	58						
3	83	74	67	62	76	58	59	50	49	43						
5	70	59	52	46	65	43	48	38	40	34						
7	60	49	41	36	56	34	40	30	31	24						
9	53	41	34	29	49	28	34	25	27	20						

Test No. 16.00018

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

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