PROGRESS LIGHTING

Project:

Fixture Type:

Location:

Contact:

CYLINDER

Wall mounted • Wet location listed

PROGRESS LED

Specifications:

P5641-31/30K

Description:

The P5641 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
Mounting strap for outlet box included
6" of wire supplied
Wet location listed when used with P8798 lens cover (sold separately)

Images:



Dimensions:

Width: 6"
Height: 12"
Depth: 8-7/8"
H/CTR: 4-1/2"

Performance:

Number of Modules	1
Input Power	29W
Input Voltage	120V
Input Frequency	60Hz
Lumens/LPW	1355/46 (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

Catalog number:

Base		Finish		Color Temp	CRI
P5641	-	31 - Black	/	30K - 3000K	Blank- 90 CRI

CYLINDER

Wall mounted • Wet location listed

PROGRESS LED

P5641-31/30K

Dimming Notes:

P5641 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

wall mounted • Wet location listed

PROGRESS LED

Photometrics:

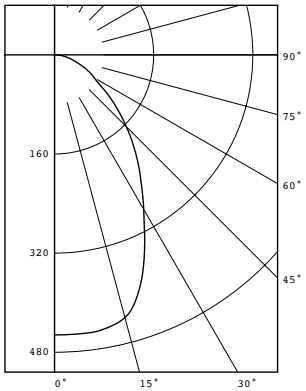
P5641-31/30K

ELECTRICAL DATA	P5641-31/30K
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

P5641-31/30K
LED Light Engine: 3000K 90 CRI
System Wattage: 29.3
Fixture delivered lumens: 1342
Fixture Efficacy: 46.2
Spacing Criteria: 1.1



CANDELA DISTRIBUTION

DEG	CANDELA
0	739
5	743
15	741
25	626
35	423
45	273
55	151
65	101
75	53
85	15
90	0

Test No. 16.00021
Tested at 25°C Ambient in accordance to IESNA LM-79-2008

ZONAL LUMEN SUMMARY

ZONE	LUMENS	%LUMINAIRE
0-30	564	41.6%
0-40	830	61.2%
0-60	1183	87.2%
0-90	1355	100.0%
90-180	0	0.0%
0-180	1355	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	10	50	10	50	10
1	110	106	103	100	108	98	100	95	96	92
3	95	85	78	73	92	72	81	71	78	70
5	82	70	62	57	80	56	67	56	65	55
7	71	59	51	46	70	46	57	45	55	45
9	63	51	43	38	61	38	49	38	48	38

P5641-31/30K Test No. 16.00021