

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:

- 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 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 |

P5675-31/30K

Images:



Dimensions:

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

Catalog number:

| | | | |
|-------|------------|-------------|---------------|
| Base | Finish | Color Temp | CRI |
| P5675 | 31 - Black | 30K - 3000K | Blank- 90 CRI |

P5675-31/30K

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.

CYLINDER

wall mounted • Damp location listed

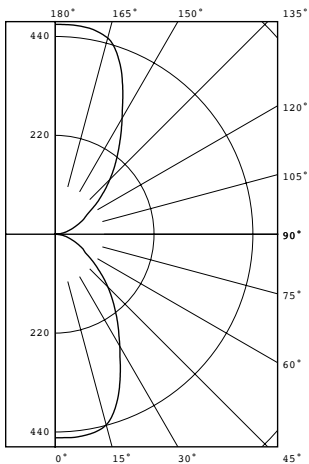


Photometrics:

P5675-31/30K

| | |
|---|--------------------------------|
| ELECTRICAL DATA | P5675-31/30K |
| 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 | |

P5675-31/30K
 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 | | |
| 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

P5675-31/30K

Test No. 16.00018