

CYLINDER

Ceiling mounted • Wet location listed



Specifications:

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:

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)
 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 |

P5774-82/30K

Images:



Dimensions:

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

Catalog number:

| Base | Finish | Color Temp | CRI |
|--------------|---------------------------|--------------------|----------------------|
| P5774 | 82 - Metallic Gray | 30K - 3000K | Blank- 90 CRI |

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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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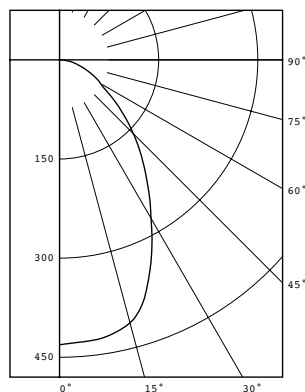


Photometrics:

P5774-82/30K

| | |
|---|--------------------------------|
| ELECTRICAL DATA | P5774-82/30K |
| 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 | |

P5774-82/30K
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 |

| 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 | 10 | 70 | 10 | 50 | 10 | 50 | 10 | 50 | 10 | | | | |
| 1 | 110 | 106 | 103 | 99 | 108 | 98 | 100 | 95 | 96 | 94 | 90 | | | | | |
| 3 | 94 | 85 | 78 | 72 | 92 | 72 | 81 | 70 | 78 | 69 | 63 | | | | | |
| 5 | 81 | 70 | 62 | 56 | 79 | 56 | 67 | 55 | 65 | 55 | 50 | | | | | |
| 7 | 71 | 59 | 51 | 45 | 69 | 45 | 56 | 45 | 55 | 44 | 40 | | | | | |
| 9 | 62 | 50 | 43 | 38 | 61 | 38 | 49 | 37 | 48 | 37 | 33 | | | | | |

Test No. 16.00023

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

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