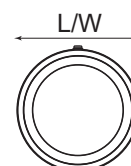
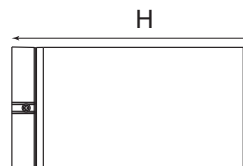




| PROJECT | TYPE | CATALOG # |
|---------|------|-----------|
|         |      |           |



| Model                 | Size (inches) & Weight (lbs) |        |       |        |
|-----------------------|------------------------------|--------|-------|--------|
|                       | L (in)                       | W (in) | H(in) | Weight |
| 05-APEN4-221L-5CCT-SM | 4.17                         | 4.17   | 8.27  | 2.39   |
| 05-APEN4-221L-5CCT-CM | 4.17                         | 4.17   | 67.3  | 2.58   |

| SERIES   | NOMINAL LUMEN OUTPUT<br>(Selectable) | KELVIN<br>(Selectable)                 | MOUNTING METHOD                         |
|----------|--------------------------------------|----------------------------------------|-----------------------------------------|
| 05-APEN4 | 221L = 2,000 / 1,600 / 1,000 lm      | 5CCT 2700K/ 3000K/ 3500K/ 4000K/ 5000K | SM Surface Mounting<br>CM Cord Mounting |

## Specifications

### Housing

- Premium powder-coat, aluminum, bronze housing.

### Electrical

- Operating temperature (ambient): -40°C to 45°C (-40°F to 113°F).
- Universal 120-277V AC voltage (50-60Hz) is standard.
- 0-10VDC dimming drivers is standard.
- Surge protection = 4kV.
- Power factor > 0.90.

### Optical System

- Silicon dioxide glass lens.
- Field selectable 2700k (soft white), 3000k (warm white), 3500k (warm/neutral white), 4000k (neutral white) and 5000k (cool white) color temperatures\*.
- Tri-Lumen selectable provides a range of 978 to 1907 nominal lumens\*.
- Long-life LEDs provide 140,000 hours of operation with at least 70% of initial lumen output (L70), and 41,000 hours with at least 90% of initial lumen output (L90)\*\*.
- Fixtures comes installed with 40 degree reflector.
- Available field replaceable reflectors for 25° and 60°.
- LED color maintenance < 0.0004 chromaticity shift ( $\Delta u'v'$ ) over the initial 6,000 hours of operation.
- Color rendering index > 90.

### Mounting

- Optional Surface mount kit.
- Optional Cord mount kit.
- Optional Stem mount kit (Sold separately) †

### Code Compliance

- cULus listed for wet locations.
- Energy Star certified.
- Complies with FCC part 15, class B.

### Warranty

- 5-year warranty on all electronics and housing.

\* Default kelvin temperature 4000k and highest lumen output.

\*\*L<sub>70</sub> hours are IES TM-21-11 calculated hours.



## Accessories (order separately)

### Reflector

05-APEN4-REFL-25 = 25° Reflector for 05-APEN4-221L-5CCT  
05-APEN4-REFL-60 = 60° Reflector for 05-APEN4-221L-5CCT

### Mounting Option

05-APEN4-MT-STEM = Stem Mount for 05-APEN4-221L-5CCT (consists of 4 stems measuring 12") †

### Mounting Accessory

05-APEN4-JBOX-COVER = Junction Box Cover for 05-APEN4-221L-5CCT

† **Note: Must order 05-APEN4-221L-5CCT-CM version (cord mount) to use stem mount kit.**

## Compatible Dimmers & Controls

| Manufacturer  | Model Number | Dimmer Range | Load Switching Capacity |
|---------------|--------------|--------------|-------------------------|
| Best Lighting | DWS-010V-T   | 10%-100%     | 600W                    |
| Best Lighting | DWS-010V-D   | 10%-100%     | 600W                    |
| Leviton       | IP710-LFZ    | 10%-100%     | 1200W                   |
| Lutron        | DVSTV        | 10%-100%     | 450W                    |

## Electrical & Lumen Data

| MODEL              | Measurements      |      | Low Lumens |       |       |       |        | Mid Lumens |       |       |       |        | High Lumens |       |       |       |       |
|--------------------|-------------------|------|------------|-------|-------|-------|--------|------------|-------|-------|-------|--------|-------------|-------|-------|-------|-------|
|                    |                   |      | 2700K      | 3000K | 3500K | 4000K | 5000K  | 2700K      | 3000K | 3500K | 4000K | 5000K  | 2700K       | 3000K | 3500K | 4000K | 5000K |
| 05-APEN4-221L-5CCT | Lumens            |      | 978        | 1026  | 1074  | 1119  | 1200   | 1305       | 1367  | 1438  | 1509  | 1615   | 1527        | 1597  | 1679  | 1766  | 1907  |
|                    | Watt              |      | 11.42      | 11.41 | 11.37 | 11.5  | 11.56  | 15.69      | 15.68 | 15.62 | 15.84 | 15.98  | 18.82       | 18.74 | 18.65 | 18.99 | 19.18 |
|                    | Efficacy          |      | 85.64      | 89.92 | 94.46 | 97.30 | 103.81 | 83.17      | 87.18 | 92.06 | 95.27 | 101.06 | 81.14       | 85.22 | 90.03 | 93.00 | 99.43 |
|                    | Input Current (A) | 120V | 0.10       | 0.10  | 0.09  | 0.10  | 0.10   | 0.13       | 0.13  | 0.13  | 0.13  | 0.13   | 0.16        | 0.16  | 0.16  | 0.16  | 0.16  |
|                    |                   | 240V | 0.05       | 0.05  | 0.05  | 0.05  | 0.05   | 0.07       | 0.07  | 0.07  | 0.07  | 0.07   | 0.08        | 0.08  | 0.08  | 0.08  | 0.08  |
|                    |                   | 277V | 0.04       | 0.04  | 0.04  | 0.04  | 0.04   | 0.06       | 0.06  | 0.06  | 0.06  | 0.06   | 0.07        | 0.07  | 0.07  | 0.07  | 0.07  |

## Photometric Data

### 05-APEN4-221L-5CCT (Optional 25° reflector)

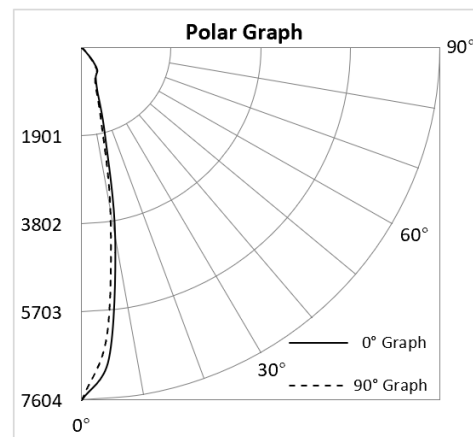
#### Luminaire Data

|                                |                                                  |
|--------------------------------|--------------------------------------------------|
| Description                    | Architectural Pendant<br>Lumen/Kelvin Selectable |
| Total Lumens                   | 1,819                                            |
| Input Wattage                  | 19                                               |
| Efficacy (lm/W)                | 96                                               |
| Spacing Criterion<br>(0-180°)  | 0.38                                             |
| Spacing Criterion<br>(90-270°) | 0.34                                             |

Photometrics calculated at  
4000k, and highest lumen  
setting

#### Zonal Lumen Summary

| Zone    | Lumens | %Fixt  |
|---------|--------|--------|
| 0-20°   | 1,033  | 56.8%  |
| 0-30°   | 1,363  | 75.0%  |
| 0-40°   | 1,698  | 93.4%  |
| 20-50°  | 752    | 41.3%  |
| 40-70°  | 103    | 5.7%   |
| 0-60°   | 1,799  | 98.9%  |
| 0-80°   | 1,803  | 99.1%  |
| 0-90°   | 1,803  | 99.1%  |
| 90-180° | 16     | 0.9%   |
| 0-180°  | 1,819  | 100.0% |



### 05-APEN4-221L-5CCT (40° reflector)

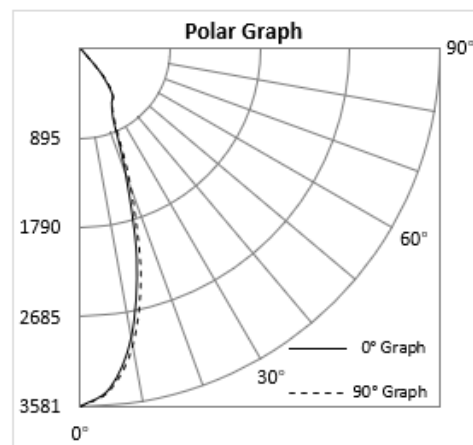
#### Luminaire Data

|                                |                                                  |
|--------------------------------|--------------------------------------------------|
| Description                    | Architectural Pendant<br>Lumen/Kelvin Selectable |
| Total Lumens                   | 1,766                                            |
| Input Wattage                  | 19                                               |
| Efficacy (lm/W)                | 93                                               |
| Spacing Criterion<br>(0-180°)  | 0.58                                             |
| Spacing Criterion<br>(90-270°) | 0.6                                              |

Photometrics calculated at  
4000k, and highest lumen  
setting

#### Zonal Lumen Summary

| Zone    | Lumens | %Fixt  |
|---------|--------|--------|
| 0-20°   | 913    | 51.7%  |
| 0-30°   | 1,309  | 74.1%  |
| 0-40°   | 1,648  | 93.3%  |
| 20-50°  | 830    | 47.0%  |
| 40-70°  | 115    | 6.5%   |
| 0-60°   | 1,758  | 99.5%  |
| 0-80°   | 1,765  | 100.0% |
| 0-90°   | 1,766  | 100.0% |
| 90-180° | 0      | 0.0%   |
| 0-180°  | 1,766  | 100.0% |



### 05-APEN4-221L-5CCT (Optional 60° reflector)

#### Luminaire Data

|                                |                                                  |
|--------------------------------|--------------------------------------------------|
| Description                    | Architectural Pendant<br>Lumen/Kelvin Selectable |
| Total Lumens                   | 1,798                                            |
| Input Wattage                  | 19                                               |
| Efficacy (lm/W)                | 95                                               |
| Spacing Criterion<br>(0-180°)  | 0.86                                             |
| Spacing Criterion<br>(90-270°) | 0.8                                              |

Photometrics calculated at  
4000k, and highest lumen  
setting

#### Zonal Lumen Summary

| Zone    | Lumens | %Fixt  |
|---------|--------|--------|
| 0-20°   | 684    | 38.1%  |
| 0-30°   | 1,236  | 68.7%  |
| 0-40°   | 1,665  | 92.6%  |
| 20-50°  | 1,074  | 59.7%  |
| 40-70°  | 113    | 6.3%   |
| 0-60°   | 1,771  | 98.5%  |
| 0-80°   | 1,782  | 99.1%  |
| 0-90°   | 1,783  | 99.1%  |
| 90-180° | 15     | 0.9%   |
| 0-180°  | 1,798  | 100.0% |

