



The  
**FCYL**<sup>TM</sup>  
Series

Architectural Cylinder





Architectural Cylinder



PROJECT: \_\_\_\_\_

DATE: \_\_\_\_\_

TYPE: \_\_\_\_\_

PREPARED BY: \_\_\_\_\_



**KEY FEATURES**

- 4", 6", and 8" with multiple trim options
- Pendant, surface, or wall mount
- Multiple optic options: 15°, 24°, 36°, 60°, 70° and 100°
- COB LED: 80+ CRI or 90+ CRI options
- Dimming: 0-10V (10% or 1%) or TRIAC

**TECHNICAL SPECIFICATIONS**

**COMPLIANCE**

**UL Listed**  
UL 1598 Suitable for damp locations

**IESNA LM79 & LM-80 Testing**  
PacLights LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

**LED CHARACTERISTICS**

**LEDS**  
Long-life, high-efficacy COB LED

**Correlated Color Temperature**  
2700K, 3000K, 3500K or 4000K

**Lifespan**  
60,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

**Color Rendering Index**  
80+ CRI, or 90+ CRI on selected models

**Color Uniformity**  
PacLights' range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017

**OTHER**

**5-Year Limited Warranty\*\***  
The PacLights 5-year, limited warranty covers light output, driver performance and paint finish.

\*\*PacLights's warranty is subject to all terms and conditions found at [paclights.com/warranty](http://paclights.com/warranty)

**CONSTRUCTION**

**Ambient Temperature**  
Suitable for up to 40° C (104° F) ambient temperature

**Cold Weather Starting**  
The minimum starting temperature is -4 F°/-20° C

**Housing**  
Diecast aluminum housing. Powder coat polyester finish.

**Mounting Methods**  
Pendant (cable or stem), surface mount or wall mount

**Green Technology**  
Mercury and UV free, and RoHS compliant. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

**Optic**  
Polycarbonate

**ELECTRICAL**

**Drivers**  
Input Voltage: 120-277V, 50-60 Hz  
Power Factor : > 0.95, THD< 20%.

**Dimming Capability**  
0-10V continuous dimming, can be dim to 10%, or 1% on selected models. Dim to off. TRIAC dimming is available on selected models.

**Compatible Dimmers**  
0-10V Dimming (Dim to 10%):  
LEVITON DD710, IP710; LUTRON MS-Z101, NTSTV-DV, DVSTV; LEGRAND RH4FBL3PTC.  
0-10V Dimming (Dim to 1%, on selected models):  
LEVITON IP710; LUTRON NTSTV-DV, DVSTV; LEGRAND RH4FBL3PTC.  
TRIAC Dimming (on selected models):  
DV600P, DVCL-153P, 6683, DV603P, S-600P, MSCL-DP153M, S-603P, LG-600P, TGCL-153DH, SCL-153P, 6674-LEVITON, CTCL-153P, CT-603PG.

**Models, Wattage, Input Current, Input Voltage**  
25/18/12L models (25/18/12w) - 0.23A(120v), 0.1A(277v); 44/33/22L models (40/30/20w) - 0.37A(120v), 0.16A(277v); 55/43/28L models (58/45/30w) - 0.53A(120v), 0.23A(277v).

ORDERING INFORMATION

FCYL™

| FAMILY | SIZE                 | HOUSING COLOR        | LUMEN                | DIMMING              | CCT & CRI            | OPTIC                | TRIM                 |
|--------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| FCYL   | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
|        |                      | MOUNTING             | SUSPENSION LENGTH    | CANOPY               | HONEYCOMB            | EMERGENCY            |                      |
|        |                      | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |                      |




Create an ordering number by populating it with the CODE(s) listed in the tables below, following the format shown above.

EXAMPLE: FCYL - 4D - WH - 25L - D10 - 830 - N - TG - PS - 12FT - SJ



EXAMPLE: FCYL - 8D - WH - 55/43/28L - D1T - 940 - V - TC - WM

EXAMPLE: FCYL - 6D - BL - 33L - D1T - 827 - FD - TB - SM - RJ - EM

SIZE \* Must select one

| CODE | Diameter |   |
|------|----------|---|
| 4D   | 4 inch   |  |
| 6D   | 6 inch   |  |
| 8D   | 8 inch   |  |

HOUSING COLOR \* Must select one

| CODE | COLOR |   |
|------|-------|---|
| WH   | White |  |
| BL   | Black |  |

LUMEN \* Select a lumen package that corresponds to the chosen size, must select one

| CODE      | SIZE   | LUMEN                           | WATTAGE              |
|-----------|--------|---------------------------------|----------------------|
| 12L       | 4 inch | 1,200 lm                        | 12w                  |
| 18L       |        | 1,800 lm                        | 18w                  |
| 25L       |        | 2,500 lm                        | 25w                  |
| 25/18/12L |        | 2,500/1,800/1,200 lm Selectable | 25/18/12w Selectable |

| CODE      | SIZE   | LUMEN                           | WATTAGE              |
|-----------|--------|---------------------------------|----------------------|
| 28L       | 8 inch | 2,800 lm                        | 30w                  |
| 43L       |        | 4,300 lm                        | 45w                  |
| 55L       |        | 5,500 lm                        | 58w                  |
| 55/43/28L |        | 5,500/4,300/2,800 lm Selectable | 58/45/30w Selectable |

| CODE      | SIZE   | LUMEN                           | WATTAGE              |
|-----------|--------|---------------------------------|----------------------|
| 22L       | 6 inch | 2,200 lm                        | 20w                  |
| 33L       |        | 3,300 lm                        | 30w                  |
| 44L       |        | 4,400 lm                        | 40w                  |
| 44/33/22L |        | 4,400/3,300/2,200 lm Selectable | 40/30/20w Selectable |

Lumen Output - Correlated Trim Color Multiplier  
 Black (Trim: TB): 0.92; Gold (Trim: TG): 0.97; Chrome (Trim: TC): 0.94

DIMMING \* Must select one




| CODE  | DIMMING CAPABILITY                    |
|-------|---------------------------------------|
| D10   | 0-10v dimming, dimmable to 10%        |
| D1T † | 0-10v / TRIAC dimming, dimmable to 1% |

† only available on fixed lumen models (Lumen: 12L, 18L, 22L, 25L, 28L, 33L, 43L, 44L, 55L)

CCT & CRI \* Must select one.

| CODE | CCT   | CRI     |
|------|-------|---------|
| 827  | 2700K | 80+ CRI |
| 830  | 3000K |         |
| 835  | 3500K |         |
| 840  | 4000K |         |
| 927  | 2700K | 90+ CRI |
| 930  | 3000K |         |
| 935  | 3500K |         |
| 940  | 4000K |         |





**OPTIC** \* Must select one

| CODE | BEAM                        |   |
|------|-----------------------------|---|
| N    | Narrow, 15°                 |  |
| M    | Medium, 24°                 |   |
| W    | Wide, 36°                   |   |
| V    | Very Wide, 60°              |   |
| FD ‡ | Frosted Flat Diffuser, 100° |  |
| DD ‡ | Frosted Drop Diffuser, 70°  |  |



‡ Option Value Ordering Restrictions

| Option Vaue | Ordering Restrictions  |
|-------------|--|
| FD          | Only available on 4 inch (Size: 4D) and 6 inch (Size: 6D) models |
| DD          | Only available on 4 inch(Size: 4D) models                        |

**MOUNTING** \* Must select one

| CODE | MOUNTING              |   |
|------|-----------------------|---|
| AC   | Aircraft cable & cord |    |
| PS   | Pendant stem (1/2")   |  |
| SM   | Surface mount         |  |
| WM   | Wall mount            |  |







**CANOPY** \* Must select one

| CODE    | CANOPY   |   |
|---------|--|---|
| RJ ‡    | Canopy for recessed junction box (3" octagon, 4" octagon and 4" round)                 |  |
| SJ ‡    | Canopy for surface mount junction box (4" octagon) 4-way 1/2" or 3/8" conduit knockout |  |
| blank ‡ | N/A  |   |

‡ Option Value Ordering Restrictions

| Option Vaue | Ordering Restrictions                                  |
|-------------|--|
| RJ / SJ     | Not available on wall mount (Mounting: WM)             |
| blank       | Only available when wall mount (mount: WM) is selected |

**TRIM** \* Must select one

| CODE    | TRIM             |   |
|---------|------------------|---|
| TW      | Trim, White      |  |
| TB      | Trim, Black      |  |
| TG      | Trim, Gold       |  |
| TC      | Trim, Chrome     |  |
| SW ‡    | Shade, 70° White |  |
| SB ‡    | Shade, 70° Black |  |
| blank ‡ | N/A              |   |

‡ Option Value Ordering Restrictions

| Option Vaue | Ordering Restrictions   |
|-------------|---|
| SW / SB     | Only available on 4 inch (Size: 4D) models                        |
| blank       | Only available when frosted drop diffuser (Optic: DD) is selected |


**SUSPENSION LENGTH** \* Must select one

| CODE    | DIMMING CAPABILITY |
|---------|--------------------|
| 2FT ‡   | 2 Ft               |
| 4FT ‡   | 4 Ft               |
| 8FT ‡   | 8 Ft               |
| 12FT ‡  | 12 Ft              |
| blank ‡ | N/A                |

‡ Option Value Ordering Restrictions


| Option Vaue | Ordering Restrictions  |
|-------------|--|
| 2FT/4FT/8FT | Not available on surface mount (mount: SM) or wall mount (mount: WM) wall mount (Mounting: WM) |
| 12FT        | Only available on pendant stem mount (Mounting: PS)  |
| blank       | Only available when surface mount (mount: SM) or wall mount (mount: WM) is selected            |

**HONEYCOMB** \* select one or leave blank

| CODE | HONEYCOMB             |   |
|------|-----------------------|---|
| HB ‡ | Honeycomb grid filter |  |

‡ not available when frosted flat diffuser (Optic: FD), frosted drop diffuser (Optic: DD), or Shade (Trim: SW or SB) is selected.

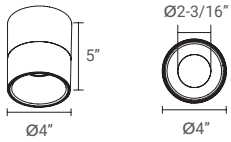
**EMERGENCY** \* select one or leave blank

| CODE | EMERGENCY  |   |
|------|--|---|
| EM   | Emergency battery backup, External 1,000 lumen, 8w |  |

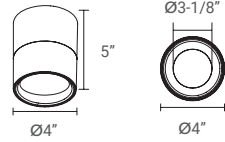
**DIMENSIONS**

**4 INCH MODELS (SIZE: 4D)**

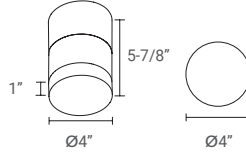
**REGULAR**



**FLAT DIFFUSER**



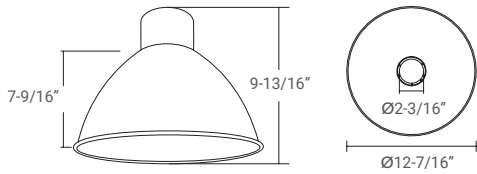
**DROP DIFFUSER**



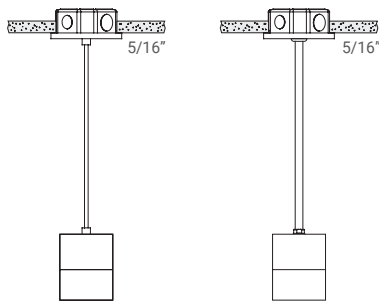
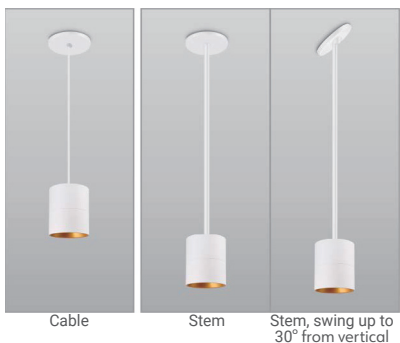
**MOUNTING OPTIONS**

- Pendant Suspended
- Surface Mount
- Wall Mount

**SHADE**



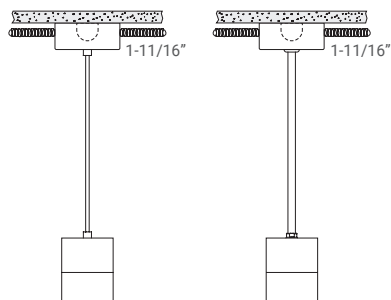
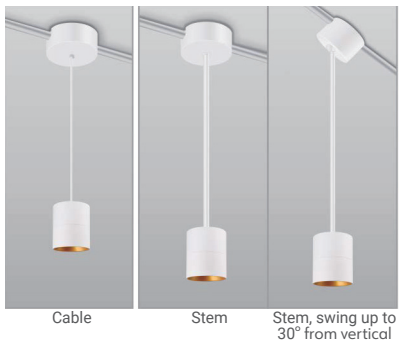
**PENDANT - RECESSED J-BOX**



**SURFACE - RECESSED J-BOX**



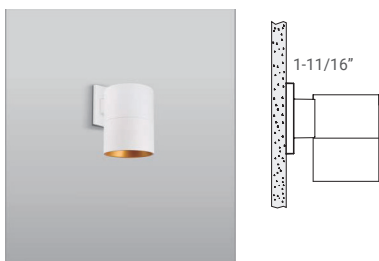
**PENDANT - SURFACE J-BOX**



**SURFACE - SURFACE J-BOX**

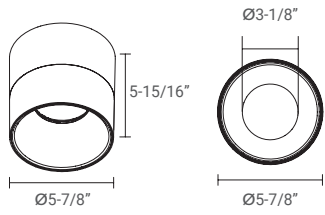


**WALL**

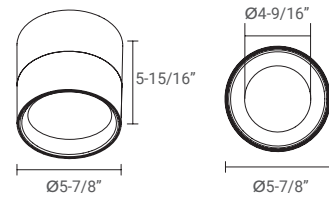


6 INCH MODELS (SIZE: 6D)

REGULAR



FLAT DIFFUSER

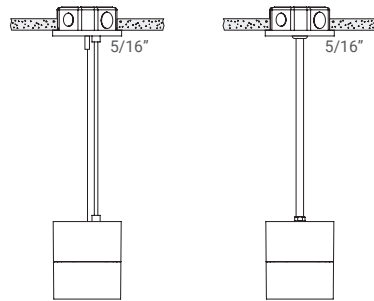
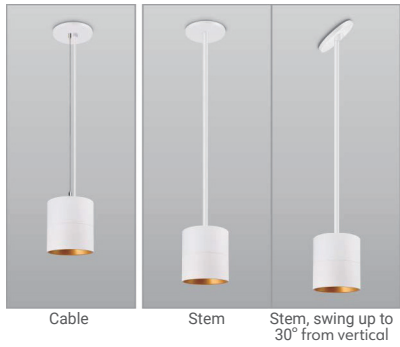


MOUNTING OPTIONS

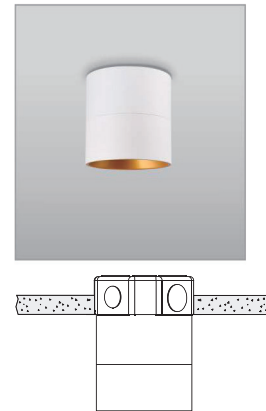
- Pendant Suspended
- Surface Mount
- Wall Mount



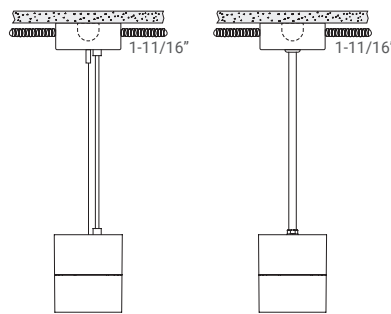
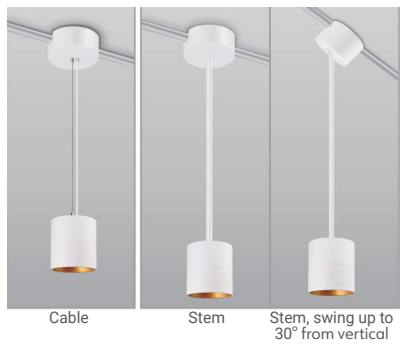
PENDANT - RECESSED J-BOX



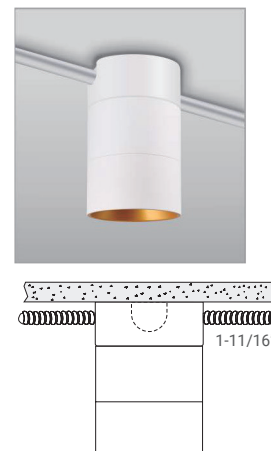
SURFACE - RECESSED J-BOX



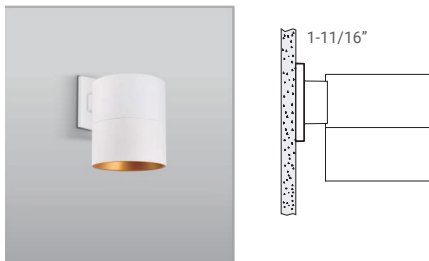
PENDANT - SURFACE J-BOX



SURFACE - SURFACE J-BOX

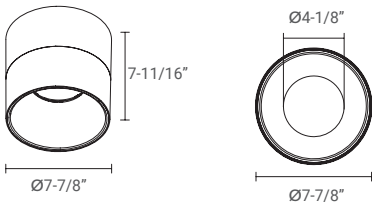


WALL



8 INCH MODELS (SIZE: 8D)

REGULAR



MOUNTING OPTIONS

Pendant Suspended

Surface Mount

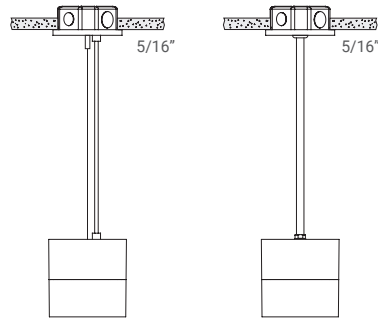
Wall Mount



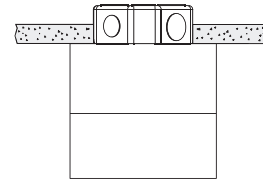
PENDANT - RECESSED J-BOX



Cable Stem Stem, swing up to 30° from vertical



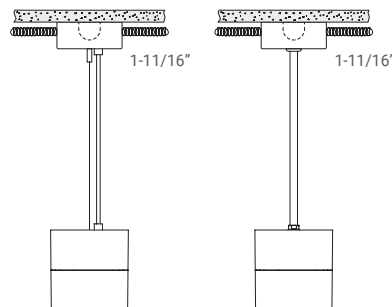
SURFACE - RECESSED J-BOX



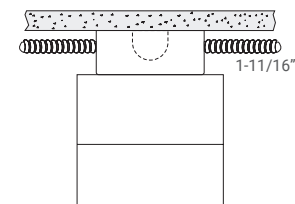
PENDANT - SURFACE J-BOX



Cable Stem Stem, swing up to 30° from vertical



SURFACE - SURFACE J-BOX



WALL

