Cylinder 3
Warm Glow Dimming Pendant

A 3-inch diameter cylinder that can be used as a decorative yet highly functional pendant, or mounted directly to the ceiling surface. Cylinder 3, available as a simple cylinder or with a glowing opal glass option, is a sleek architectural accent.

- **Ideal Applications**: Small to Large Scaled Spaces
- **Recommended for Ceiling Height**: 8’ – 20’
- **Light Type**: White light that shifts to warm as you dim, indistinguishable from incandescent

**CYLINDER 3 PERFORMANCE DATA**

<table>
<thead>
<tr>
<th>Shape</th>
<th>10&quot; Warm Glow Dimming</th>
<th>10&quot; Glow Glass</th>
</tr>
</thead>
<tbody>
<tr>
<td>Delivered Lumens:</td>
<td>675</td>
<td>625</td>
</tr>
<tr>
<td>Lumens Per Watt:</td>
<td>38</td>
<td>35</td>
</tr>
<tr>
<td>Source Lumens:</td>
<td>950</td>
<td></td>
</tr>
<tr>
<td>Wattage</td>
<td>18W</td>
<td></td>
</tr>
<tr>
<td>CCT:</td>
<td>3000K dimmable to 2200K</td>
<td></td>
</tr>
<tr>
<td>CRI:</td>
<td>90+</td>
<td></td>
</tr>
<tr>
<td>Beamspread:</td>
<td>50°, Glow Glass-35°</td>
<td>Medium Beam / Straight Down</td>
</tr>
</tbody>
</table>

For approximate light level recommendations, please refer to the IES guidelines shown below:

- **Workshop / Tools / Crafts**: 40-100 fc
- **Board Games / Cards**: 20-40 fc
- **Dining**: 5-10 fc
- **Kitchen**: 30-50 fc
- **Computer**: 15-30 fc
- **Media**: 220 fc
- **Reading**: 20-50 fc
- **Dressing**: 10-30 fc
- **Corridors / Circulation**: 3-5 fc

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Five Easy Steps to Specify

1. Select Pendant Type

- **D9**
  - 10" Length
  - Plain

- **G9**
  - 10" Length
  - With Glow Glass

2. Select Installation Type

For Unfinished Ceilings with Surface Mounted Conduit (CC)

- **J2**
  - 48" Cable Suspension with Conduit Cutout Canopy
  - 2-3/8" Ø
  - 48" length.
  - Field cuttable.
  - Matches body finish.

- **J3**
  - 95" Cable Suspension with Conduit Cutout Canopy
  - 2-3/8" Ø
  - 95" length.
  - Field cuttable.
  - Matches body finish.

Canopy provided in body finish specified.

For Ceilings with Recessed Junction Boxes

- **C2**
  - 48" Cable Suspension with Flat Canopy
  - 4-5/8" Ø
  - 48" length.
  - Field cuttable.
  - Matches body finish.

- **C3**
  - 95" Cable Suspension with Flat Canopy
  - 4-5/8" Ø
  - 95" length.
  - Field cuttable.
  - Matches body finish.

Canopy provided in body finish specified.

3. Select Dimming Control Type - Smooth Dimming to 1% Standard

- **0-10V Low Voltage Dimming (RV18A)**
  - Compatible with 0-10V Controls

- **Phased Line Voltage Dimming (RP18A)**
  - Compatible with Forward and Reverse Phase Dimmers

4. Select Glass Lens

- **Solite (S)**
  - Light diffusion with the most efficiency
  - Provided standard

- **Frosted (F)**
  - Medium diffusion for softer light output, approximately 12% less light output
# Cylinder 3
## Warm Glow Dimming Pendant

### How to Specify

<table>
<thead>
<tr>
<th>Manufacturer</th>
<th>Light Fixture Type</th>
<th>LED + Control</th>
<th>Options</th>
<th>Revision</th>
</tr>
</thead>
<tbody>
<tr>
<td>USAI Lighting</td>
<td>3CY Cylinder 3</td>
<td>WD1 Warm Glow Dimming from 3000K, 90+ CRI at 100% output to 2200K at lowest output</td>
<td>R Round</td>
<td>00</td>
</tr>
</tbody>
</table>

#### Select Fixture Finish

- **White (WH)**: provided standard
- **Black (BL)**
- **Statuary Bronze (BZ)**
- **Metalized Grey (GR)**
- **Conduit Silver (CS)**
- **Satin Nickle (SN)**

#### How to Specify

- **Light Fixture Type**
  - **D9 Cylinder**, 10” length, 18W
  - **G9 Glow Glass Cylinder**, 10” length, 18W
- **LED Color**
  - **WD1**
- **Wattage Driver**
  - **RP18A** Remote Phase Dimming Driver, to 1% 120V only, 18W
  - **RV18A** Remote 0-10V Dimming Driver, to 1% 120V-277V, 18W
- **Beam Spread**
  - **I 50° Beam** (D9 Cylinder only)
  - **F 35° Beam** (G9 Glow Glass Cylinders only)
- **Shape**
  - **Round**
- **Style**
  - **One Piece Unit**
- **Lens**
  - **S Solite Textured Glass** (provided standard)
  - **F Frosted Glass**
- **Finish**
  - **WH White (provided standard)**
  - **BL Black**
  - **BZ Statuary Bronze**
  - **GR Metalized Grey**
  - **CS Conduit Silver**
  - **SN Satin Nickle**

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CYLINDER 3 PENDANT SPECIFICATIONS

FIELD REPLACEABLE LED LIGHT ENGINE
Light engine is serviceable without tools. All USAI Lighting light engines feature industry-leading color consistency.

FIELD REPLACEABLE DRIVER
Driver complies with IEEE C62.41 surge protection. Some on-time delay may be experienced depending on control system used.

REMOTE LOCATION DRIVER
6" long cylinder requires remote power supply. Remote power supplies require enclosures by others that meet local codes and must be located in an accessible service panel within 100ft of the light fixture; see table below for coordination of enclosure sizes. All dimming drivers comply with IEEE C62.41 surge protection.

BODY
3"Ø extruded aluminum body available in 6" or 10" length. Cylinder 3 body and cap are available in a variety of powder coated paint finishes or an anodized satin nickel finish.

FRONT CAP
Standard cylinder is provided with threaded extruded aluminum assembly retaining 1" regress solite lens in front cap finish specified. If decorative opal Glow glass option is specified, the assembly is fitted with a decorative opal glass cylinder available in 2" or 3" length.

MOUNTING
Hardware included for mounting to 4" octagonal junction box.

CABLE MOUNT
1/4"Ø or 7/16" Ø braided cable, field cuttable, and 4-5/8"Ø x 3/8" deep round canopy are provided in finish to match cylinder body finish specified. Select from two field cuttable cable lengths in ordering table. Please contact factory if a different power cable and canopy finish is desired.

RECESSED JBOX CANOPY:
If recessed J-box canopy style is specified (C2, C3 options) 5" Ø or 4-5/8" Ø round x 3/8" deep canopy is provided for mounting to recessed mounted junction box. Recessed jbox canopy is provided in matching finish per fixture body finish specification.

CONDUIT CUTOUT CANOPY:
If "J" canopy is specified, 5-13/16" Ø round x 2-3/8" deep canopy is provided for mounting to standard 4" octagonal surface mounted junction box. Conduit cutout canopy has 4 keyslots, one in each side, and ships with three conduit cutout keys and three solid cover keys which are field interchangeable and can be configured to accommodate any ceiling layout using ½" or ¾" conduit. Conduit cutout canopy is provided in matching finish per fixture body finish specification.
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FIXTURE WEIGHT
Cylinder 3 weighs 3 lbs (not including rigid pendant stem accessory).

LISTINGS
Dry/Damp. NRTL/CSA-US tested to UL standards. IBEW union made.

NOTES
• Ambient temperatures at fixture location should not exceed 40°C during normal operation.
• For interior use only

PHOTOMETRICS
Consult factory or website for IES files. Tested in accordance with IESNA LM79-2008.