Never lose ceiling height! Meet Block 5, our geometric light fixture specifically designed for use with surface-mounted conduit and junction boxes in exposed or industrial ceiling types where recessed lighting is not possible. Also available in solid sides configuration to create a modern look in finished ceilings – perfect for lofts, atriums, great rooms, and high-ceilinged spaces.

- **Ideal Applications**: Medium to Large-Scaled Spaces
- **Recommended for Ceiling Height**: 14’ – 20’
- **Light Type**: Consistent warm or neutral white, soft ambient light

### BLOCK 5 DOWNLIGHT PERFORMANCE DATA

<table>
<thead>
<tr>
<th>Shape</th>
<th>Round</th>
<th>Square</th>
</tr>
</thead>
<tbody>
<tr>
<td>Delivered Lumens:</td>
<td>1450</td>
<td>1550</td>
</tr>
<tr>
<td>Lumens Per Watt:</td>
<td>60</td>
<td>65</td>
</tr>
<tr>
<td>Source Lumens:</td>
<td>1875</td>
<td></td>
</tr>
<tr>
<td>Wattage:</td>
<td>24W</td>
<td></td>
</tr>
<tr>
<td>CCT:</td>
<td>2700K or 3000K</td>
<td></td>
</tr>
<tr>
<td>CRI:</td>
<td>90+</td>
<td></td>
</tr>
<tr>
<td>Beamspread:</td>
<td>50°</td>
<td></td>
</tr>
</tbody>
</table>

**Delivered Lumens**

<table>
<thead>
<tr>
<th>Shape</th>
<th>4’ 8’ 10’ 12’ 14’ 16’ 18’ 20’</th>
</tr>
</thead>
<tbody>
<tr>
<td>Round</td>
<td>Light levels on Work Plane (2.5’ AFF): 64 58 53 48 43 39 35 32</td>
</tr>
<tr>
<td>Square</td>
<td>Light levels on Work Plane (2.5’ AFF): 48 47 44 41 37 35 32</td>
</tr>
</tbody>
</table>

**\(\text{Spacing Criteria} = 0.73\)**

Average light levels are provided in the tables above, for a range of lighting fixture layouts and ceiling heights. All illuminance values are reported in average footcandles (fc) and measured at the workplane, 30” above the floor.

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**: 2-20 fc

- **Reading**: 20-50 fc
- **Dressing**: 10-30 fc
- **Corridors / Circulation**: 3-5 fc
Six Easy Steps to Specify

1. Select Installation Type

For Unfinished Ceilings with Surface Mounted Conduit

CONDUIT CUTOUT (CC)

ROUND

4" x 1-1/2" deep octagonal junction box (by others)

1/2" or 3/4" conduit (by others)

SQUARE

61/16" x 51/16"

51/16" x 51/16"

61/16" x 51/16"

61/16" x 51/16"

For Ceilings with Recessed Junction Boxes

SURFACE MOUNT (SM)

ROUND

61/16" Ø

SQUARE

61/16" x 61/16"

51/16" x 51/16"

51/16" x 51/16"

51/16" x 51/16"

2. Select White Light

Warm White (C27)

Neutral White (C30)

2700 Kelvin

Similar to Incandescent

3000 Kelvin

Similar to Halogen

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

0-10V Low Voltage Dimming (IV24A)

Phased Line Voltage Dimming (IP24A)

Compatible with 0-10V Controls

Compatible with Forward and Reverse Phase Dimmers
**Block 5**

Classic White Downlight

### Select Fixture Shape

<table>
<thead>
<tr>
<th>Round</th>
<th>Square</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Round Fixture" /></td>
<td><img src="image" alt="Square Fixture" /></td>
</tr>
</tbody>
</table>

### 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

### Select Trim Finish

- **White (WH)**: Provided standard
- **Black (BL)**
- **Statuary Bronze (BZ)**
- **Metalized Grey (GR)**
- **Conduit Silver (CS)**

### 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><strong>SBK</strong> 5BK Downlight, 24W</td>
<td><strong>C27</strong> 2700K High 90+ CRI</td>
<td><strong>U</strong> One Piece Unit</td>
<td>WH White (provided standard)</td>
</tr>
<tr>
<td></td>
<td><strong>D6</strong> Fixed Downlight</td>
<td><strong>C30</strong> Neutral White 3000K High 90+ CRI</td>
<td><strong>S</strong> Solite Textured Glass (provided standard)</td>
<td>BL Black</td>
</tr>
<tr>
<td></td>
<td><strong>SM</strong> Surface Mount to Recessed Junction Box</td>
<td><strong>IP24A</strong> Integral Phase Dimming Driver, to 1% 120V only, 24W</td>
<td><strong>F</strong> Frosted Glass</td>
<td>BZ Statuary Bronze</td>
</tr>
<tr>
<td></td>
<td><strong>CC</strong> Cutout Mount to Surface-Mounted Conduit and Junction Box</td>
<td><strong>IV24A</strong> Integral 0-10V Dimming Driver, to 1% 120V-277V, 24W</td>
<td><strong>CS</strong> Conduit Silver</td>
<td>GR Metalized Grey</td>
</tr>
</tbody>
</table>
Block 5
Classic White Downlight

BLOCK 5 SPECIFICATIONS

FIELD REPLACEABLE LED LIGHT ENGINE
is serviceable without tools. All USAI Lighting Classic White 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.

FIXTURE WEIGHT
Block 5 weighs 5 lbs.

BODY
5-3/16" X 5-3/16" square die cast aluminum body available in a variety of powder coated paint finishes.

MOUNTING
CC: Conduit cutout mounting fixtures are designed to mount to surface-mounted 4" octagonal junction boxes with surface-mounted conduit connections. CC housings have 4 keyslots, one in each side, and ship with one conduit cutout key and three solid cover keys installed in the housing. 2 additional conduit cutout keys are shipped with the fixture, and the different key types are interchangeable in the field. Please see installation instructions for drawings and more details.

SM: Surface mounted fixtures are designed to mount to a ceiling with a recessed 4"Ø octagonal junction box. The sides are solid and have no cutouts, please see drawings and installation instructions for more details.

LISTINGS
Dry/Damp/Wet for RSM mounting. CC mounting style is dry/damp only. NRTL/CSA-US tested to UL standards. IBEW union made.

NOTES
• Ambient temperatures at fixture location should not exceed 40°C during normal operation.
• Consult factory for video capture applications.

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