Litecontrol developed the original architectural slots more than 3 decades ago. MOD™ delivered a cost-sensitive, full-family solution to ambient lighting.

MOD™x represents a modernization of this timeless form based on the original MOD™ value proposition: An affordably priced, full-featured offering with best-in-class attention to detail.

**Key Features**

- **Variable Intensity Technology**
- **MacAdam Ellipse Color Variation**
- Multiple size options available

<table>
<thead>
<tr>
<th>Size Option</th>
<th>2&quot;</th>
<th>3&quot;</th>
<th>4&quot;</th>
<th>6&quot;</th>
</tr>
</thead>
</table>

Multiple size options available.
**Why Use VI® Technology?**

VI® Technology provides verifiable wattage for compliance with programs, agencies, state and local codes.

1. **Specify light output required to achieve desired illuminance**
   Driven by application need, not limited fixture options

2. **Specify fixture wattage to meet power density requirements**
   Fixture labeled to your specification means no lost watts in your energy calculation

3. **Specify a particular indirect/direct distribution for desired visual comfort**
   Uplight and downlight are independently programmed for maximum fixture flexibility
   *For I/D fixtures only

---

**Litecontrol’s VI® technology module allows specification of LED light output to meet precise needs.**

**STEP 1: Choose**
- Choose lumen output based on:
  - Power density
  - Light levels
  - Ceiling brightness

**STEP 2: Specify**
- Specify based on the published output range:
  - In 50 lumen increments per foot (ex: 500, 550, 600)

**STEP 3: Manufacturer**
Litecontrol designs and manufactures luminaire to specifications.

**STEP 4: Verification**
Product arrives on site with clear, precise labeling, allowing wattage calculations based on actual versus highest possible values.
Design Benefits

Diffuser Consistency

Light leaks are typical in slot products, as diffusers are often cut short to allow for thermal expansion over time. Litecontrol has eliminated these architecturally unacceptable gaps through an innovative end cap design which provides for diffuser expansion while at the same time eliminating light leaks.

Typical Competitor

Lines of light are architecturally desirable; however, they are very unforgiving. Litecontrol’s quality components and clever design deliver exceptional uniformity along the slot length.

End Cap Attachment

Litecontrol’s installer-friendly magnetic end caps are attached after the diffusers are installed.

Attention to Detail

Precise wiring and white, low profile connectors eliminate shadowing.

Typical Competitor

Competitive products cut the diffuser short, which results in source visibility.

Litecontrol Pendant

Die-cast end caps overlap diffuser and apply outward pressure on the extruded side rails to eliminate light leaks.

Litecontrol Recessed

Recessed end caps slide vertically into place to eliminate risk of diffuser breakage during installation and removal.
DESIGN BENEFITS

LED Board Design
Slot products typically use LED boards designed for recessed troffers, which result in board lengths of less than 24". Litecontrol boards were designed for slot products and result in precise 12" increments.

Breakable-board technology allows specification of recessed products to 3" increments for recessed MOD luminaires.

Installation Quality
MOD™ ensures a quality installation through numerous features included to assure ease of contractor assembly.

X-Bracket Design
MOD™'s X-bracket design assists installers by providing reliable fixture alignment.

Joining
Extruded screw channels ensure tight seams. Joining method depicted is applicable for 3", 4" and 6" only.

Captive Reflectors
Captive reflector assemblies allow safe access to internal components.
### ADDITIONAL OPTIONS

- **Fixture Apertures**
  - 2", 3", 4", 6"

- **Fixture Lengths**
  - 2', 3', 4', 5', 6', 8'
  - Recessed available in 3" increments

- **Mounting Options**
  - Pendant, recessed, surface or wall mount options

- **Dust Cover**
  - Clear, magnetic attachment

- **Corners**
  - 90 degree pendant, recessed inside and outside. Lit. 12" length

- **Dimming Options**
  - 1%, Lutron, DALI

- **Emergency**
  - Emergency lola CP-Series; the MOD™x family is also compatible with Dual-Lite inverters

- **Sensors**
  - Daylight and occupancy

---

**Diffuser Options**

- **ASYM** Asymmetric Diffuser
- **SOF** Downlight Diffuser
- **REG** Regressed Diffuser (REG)
- **BWO** Baffle (BWO)
VI’ Technology Standard (STD) Indirect Light Distribution

The scenarios below demonstrate how MOD™x can be specified to achieve comparable performance in different applications.

**Lighting Goals**: Workplane: 2.5’ FC: 35 Max LPD: 50

**Room Size**: 40’x25’

### 9’ CEILING HEIGHT

- **Distance to Ceiling Plane**: 1.5’
- **Lumen Output Indirect**: 18’
- **Lumen Output Direct**: 6’
- **Energy usage**: exceed goal by 14%

#### Workplane (40’x25’)

<table>
<thead>
<tr>
<th></th>
<th>AVG</th>
<th>MAX</th>
<th>MIN</th>
<th>MAX/MIN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ceiling</td>
<td>38</td>
<td>61</td>
<td>14</td>
<td>4.4</td>
</tr>
<tr>
<td>Ceiling</td>
<td>24</td>
<td>58</td>
<td>6</td>
<td>9.6</td>
</tr>
<tr>
<td>Ceiling Utilized: 4L-P-1D-STD-4-50F-X-CX-35K-X30-D50</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### 18’ CEILING HEIGHT

- **Distance to Ceiling Plane**: 16.5’
- **Lumen Output Indirect**: 11’
- **Lumen Output Direct**: 6’
- **Energy usage**: exceed goal by 6%

#### Workplane (40’x25’)

<table>
<thead>
<tr>
<th></th>
<th>AVG</th>
<th>MAX</th>
<th>MIN</th>
<th>MAX/MIN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ceiling</td>
<td>38</td>
<td>57</td>
<td>16</td>
<td>3.6</td>
</tr>
<tr>
<td>Ceiling</td>
<td>26</td>
<td>33</td>
<td>16</td>
<td>2.1</td>
</tr>
<tr>
<td>Ceiling Utilized: 4L-P-1D-STD-4-50F-X-CX-35K-X55-D50</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### ELIMINATE A ROW

- **Distance to Ceiling Plane**: 1.5’
- **Lumen Output Indirect**: 11’
- **Lumen Output Direct**: 6’
- **Energy usage**: exceed goal by 10%

#### Workplane (40’x25’)

<table>
<thead>
<tr>
<th></th>
<th>AVG</th>
<th>MAX</th>
<th>MIN</th>
<th>MAX/MIN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ceiling</td>
<td>36</td>
<td>72</td>
<td>14</td>
<td>5.5</td>
</tr>
<tr>
<td>Ceiling</td>
<td>34</td>
<td>86</td>
<td>9</td>
<td>9.5</td>
</tr>
<tr>
<td>Ceiling Utilized: 4L-P-1D-LPA-4-50F-X-CX-35K-X75-D50</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Color Characteristics**

MOD™x delivers architecturally appropriate color performance as measured by the latest industry-accepted metrics.

### Color Data

#### CCT 30K 35K 40K

<table>
<thead>
<tr>
<th>CCT</th>
<th>30K</th>
<th>35K</th>
<th>40K</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ref</td>
<td>83</td>
<td>82</td>
<td>82</td>
</tr>
<tr>
<td>Rg</td>
<td>96</td>
<td>96</td>
<td>96</td>
</tr>
<tr>
<td>CCT (K)</td>
<td>3009</td>
<td>3494</td>
<td>3975</td>
</tr>
<tr>
<td>Duv</td>
<td>-0.0009</td>
<td>-0.0004</td>
<td>-0.0003</td>
</tr>
<tr>
<td>x</td>
<td>0.435</td>
<td>0.4052</td>
<td>0.3814</td>
</tr>
<tr>
<td>y</td>
<td>0.3812</td>
<td>0.3898</td>
<td>0.3766</td>
</tr>
<tr>
<td>CIE Ra</td>
<td>83</td>
<td>83</td>
<td>84</td>
</tr>
</tbody>
</table>

### Spectral Power Distribution

#### Fidelity

- **Color Fidelity**: Spectral Power Distribution
- **Rf-Rg Plot**: Fidelity

### Color Rendering

#### CCT CRI R1 R2 R3 R4 R5 S5 S7 R8 Y10 Y11 Y12 Y13 Y15

- **30K**: 83 81 91 97 81 82 **8** 84 62 13 79 79 69 84 99
- **35K**: 83 81 89 95 81 81 85 86 65 13 73 79 62 83 97
- **40K**: 84 82 90 94 82 82 85 87 68 17 74 80 60 84 97

### Rated Life

- **L70**: 280,000 (calculated per TM-21 extrapolated curve)
- **L90**: 72,000 (calculated per TM-21 extrapolated curve)
- **L70**: >61,000 (reported per TM-21/LM80 6a’s limitation)
- **L90**: >61,000 (reported per TM-21/LM80 6a’s limitation)

### Warranty

- **Warranty**: 5 years
## Ordering Information

### Pendant, Surface, Wall

<table>
<thead>
<tr>
<th>Feature</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Series</strong></td>
<td>2L, 3L, 4L, 6L</td>
</tr>
<tr>
<td><strong>Mounting</strong></td>
<td>P, S, W</td>
</tr>
<tr>
<td><strong>Fixture Distribution</strong></td>
<td>D, ID, AD</td>
</tr>
<tr>
<td><strong>Uplight Distribution</strong></td>
<td>STD, LPA</td>
</tr>
<tr>
<td><strong>Row Length (in feet)</strong></td>
<td>02, 03, 04, 05, 06</td>
</tr>
<tr>
<td><strong>Max Length (in row)</strong></td>
<td>02, 03, 04, 05, 06</td>
</tr>
<tr>
<td><strong>Downlight Diffuser</strong></td>
<td>SOF, REG*, BWO*, ASYM**</td>
</tr>
<tr>
<td><strong>Finish/Color</strong></td>
<td>C1 (Matte White)</td>
</tr>
<tr>
<td><strong>Color Temperature</strong></td>
<td>30K, 35K, 40K</td>
</tr>
</tbody>
</table>

### recessed

<table>
<thead>
<tr>
<th>Feature</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Series</strong></td>
<td>2L, 3L, 4L, 6L</td>
</tr>
<tr>
<td><strong>Mounting</strong></td>
<td>B</td>
</tr>
<tr>
<td><strong>Fixture Distribution</strong></td>
<td>D, AD</td>
</tr>
<tr>
<td><strong>Row Length (in feet)</strong></td>
<td>02, 03, 04, 05, 06</td>
</tr>
<tr>
<td><strong>Max Length (in row)</strong></td>
<td>02, 03, 04, 05, 06</td>
</tr>
<tr>
<td><strong>Downlight Diffuser</strong></td>
<td>SOF, REG*, BWO*, ASYM**</td>
</tr>
<tr>
<td><strong>Finish/Color</strong></td>
<td>C1 (Matte White)</td>
</tr>
<tr>
<td><strong>Color Temperature</strong></td>
<td>30K, 35K, 40K</td>
</tr>
</tbody>
</table>

**NOTE:** Additional options available. Review specification sheets for more details.