The Goal of **Spectrum Illumination** has always been, and will continue to be;

*To revolutionize Machine Vision lighting.*

We strive to satisfy our customers current and future Machine Vision needs.

We endeavor to not only meet, but exceed our customers expectations.

- **High product quality**
- **High output LED’s**
- **Customer service that's second to none.**

Thanks for previewing our product line. We hope you find what you’ve been looking for. If not, let us know. We value the opportunity to be part of the solution.
Did you know ...

Since 1999 we’ve been working on a lot of Firsts’ in the Machine Vision lighting industry

First in HB (High Brightness) LED Light Engines

First in offering standard industrial cables with M 12 style connectors

First in LARGE lights

First in Harsh Environment/Wash Down lights that are FDA compliant

First in including a constant current driver and cable with lights

First in standard industrial 24VDC on all lights

First in UV (Ultra-Violet) and IR (Infrared) HB LED Light Engines

First in including a high speed strobe control on all lights

First and only company to offer a limited 3 year warranty.

What’s next?

Spot Lights .................................................. Pages 4-5
Ring Lights .................................................. Pages 6-7
Linear Lights .................................................. Pages 8-9
Monster Box .................................................. Pages 10
Filters, Diffusers, Part Number Ordering .................. Pages 11
IR ............................................................... Pages 12
UV .............................................................. Pages 13
Dome Lights .................................................. Pages 14-15
Back Lights ................................................... Pages 16-17
Washdowns ................................................... Pages 18
Oxy Light ..................................................... Pages 19
LDM Drivers .................................................. Pages 20
Custom Light Specification Form ........................ Pages 22
**MONSTER SPOT LIGHTS**

Typical Applications: The need for a narrow direction of high condensing illumination.

**SIZES**

<table>
<thead>
<tr>
<th>Light Output Area</th>
<th>Number of HB LED Light Engines</th>
</tr>
</thead>
<tbody>
<tr>
<td>SP1.25 - 1.25” dia.</td>
<td>1</td>
</tr>
<tr>
<td>RL2.5 - 2.5” dia.</td>
<td>4</td>
</tr>
<tr>
<td>SP3.25 - 3.25” dia.</td>
<td>6</td>
</tr>
<tr>
<td>SP5.5 - 5.5” dia.</td>
<td>18</td>
</tr>
</tbody>
</table>

**DRIVERS**

<table>
<thead>
<tr>
<th>LDM350/1</th>
</tr>
</thead>
<tbody>
<tr>
<td>LDM350/2</td>
</tr>
<tr>
<td>LDM350/3 (Except 18)</td>
</tr>
<tr>
<td>LDM1050</td>
</tr>
</tbody>
</table>

**WORKABLE SURFACES**

- Auto interior parts
- Washer
- Tabling

Included with all Monster Lights

LDM DIN Rail mount driver & 12’ cable.

Spot lights are usually aimed directly at an object, often creating distinct shadows. This type of lighting is effective when used on objects requiring high degrees of contrast, but creates specular reflections when used with shiny or reflective materials. The advantage being, the ability to position the light anywhere around an object to illuminate it. Normally used as a “Bright Field Light.”
MONSTER SPOTLIGHTS

SP1.25 MONSTER SPOT MOUNT

TOP VIEW  BOTTOM VIEW  SIDE VIEW

SP3.25 SPOT MOUNT

TOP VIEW  BOTTOM VIEW  SIDE VIEW

SP5.5 SPOT MOUNT

TOP VIEW  BOTTOM VIEW  SIDE VIEW

Note: These light measurements are approximations and may differ according to individual applications.

WARNING!!!

Use only Spectrum Illumination LED family adapters. Do not connect light to cabling directly. Failure to follow these directions will result in premature LED failure and void the warranty.

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### MONSTER RING LIGHTS

**Typical Applications:** The need for direct illumination at specific angles and distances.

#### SIZES

<table>
<thead>
<tr>
<th>Light Output Area</th>
<th>Number of HB LED Light Engines</th>
</tr>
</thead>
<tbody>
<tr>
<td>RL2.5 2.5&quot; dia.</td>
<td>4</td>
</tr>
<tr>
<td>RL3.5 3.5&quot; dia.</td>
<td>6</td>
</tr>
<tr>
<td>RL5.5 5.5&quot; dia.</td>
<td>12</td>
</tr>
<tr>
<td>RL8.5 8.5&quot; dia.</td>
<td>10</td>
</tr>
<tr>
<td>RL13.5 13.5&quot; dia.</td>
<td>20</td>
</tr>
<tr>
<td>RL19.5 19.5&quot; dia.</td>
<td>30</td>
</tr>
<tr>
<td>RL30.5 30.5&quot; dia.</td>
<td>48</td>
</tr>
</tbody>
</table>

#### DRIVERS

- LDM3502
- LDM700
- LDM700
- LDM1400
- LDM2100
- LDM2800

#### WORKABLE SURFACES

- Threaded work
- Thread Detection
- Cracks in stamping

---

**Included with all Monster Lights**

LDM DIN Rail mount driver & 12' cable.

---

Monster Ring light - known as bright field illumination: Used for direct lighting. Light is aimed directly at an object, often creating distinct shadows. This type of lighting is effective when used on objects requiring high degrees of contrast, but creates specular reflections when used with shiny or reflective materials.

For example: looking for presents or absents of “0” rings black absorbs light while the metal reflects the surface back to the camera.
**MONSTER RING LIGHTS**

**RL2.5 ILLUMINATOR**

<table>
<thead>
<tr>
<th>Working Distance</th>
<th>Pattern</th>
<th>Y = K</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum 6&quot;</td>
<td>12&quot; (1')</td>
<td>1&quot; (5')</td>
</tr>
<tr>
<td>12&quot; (1')</td>
<td>2.1</td>
<td>2.1</td>
</tr>
<tr>
<td>24&quot; (2')</td>
<td>4.3</td>
<td>4.3</td>
</tr>
<tr>
<td>48&quot; (4')</td>
<td>7.1</td>
<td>7.1</td>
</tr>
<tr>
<td>96&quot; (8')</td>
<td>10.0</td>
<td>10.0</td>
</tr>
<tr>
<td>120&quot; (10')</td>
<td>12.8</td>
<td>12.8</td>
</tr>
<tr>
<td>240&quot; (20')</td>
<td>15.7</td>
<td>15.7</td>
</tr>
</tbody>
</table>

**RL3.5 ILLUMINATOR**

<table>
<thead>
<tr>
<th>Working Distance</th>
<th>Pattern</th>
<th>Y = K</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum 6&quot;</td>
<td>12&quot; (1')</td>
<td>2&quot; (5')</td>
</tr>
<tr>
<td>12&quot; (1')</td>
<td>2.5</td>
<td>2.5</td>
</tr>
<tr>
<td>24&quot; (2')</td>
<td>6.3</td>
<td>6.3</td>
</tr>
<tr>
<td>48&quot; (4')</td>
<td>9.8</td>
<td>9.8</td>
</tr>
<tr>
<td>96&quot; (8')</td>
<td>13.3</td>
<td>13.3</td>
</tr>
<tr>
<td>120&quot; (10')</td>
<td>16.6</td>
<td>16.6</td>
</tr>
<tr>
<td>240&quot; (20')</td>
<td>20.1</td>
<td>20.1</td>
</tr>
</tbody>
</table>

**RL5.5 ILLUMINATOR**

<table>
<thead>
<tr>
<th>Working Distance</th>
<th>Pattern</th>
<th>Y = K</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum 6&quot;</td>
<td>12&quot; (1')</td>
<td>3&quot; (5')</td>
</tr>
<tr>
<td>12&quot; (1')</td>
<td>3.5</td>
<td>3.5</td>
</tr>
<tr>
<td>24&quot; (2')</td>
<td>6.3</td>
<td>6.3</td>
</tr>
<tr>
<td>48&quot; (4')</td>
<td>9.8</td>
<td>9.8</td>
</tr>
<tr>
<td>96&quot; (8')</td>
<td>13.3</td>
<td>13.3</td>
</tr>
<tr>
<td>120&quot; (10')</td>
<td>16.6</td>
<td>16.6</td>
</tr>
<tr>
<td>240&quot; (20')</td>
<td>20.1</td>
<td>20.1</td>
</tr>
</tbody>
</table>

Call for measurements for the following:

R8.5 ILLUMINATOR, RL13.5 ILLUMINATOR, RL19.5 ILLUMINATOR, RL30.5 ILLUMINATOR
Typical Applications: The need for a narrow direction of high condensing illumination.

Monster Linear Lights – Known as the bright field type of light. Lighting is aimed directly at an object, often creating distinct shadows. This type of lighting is effective when used to illuminate a large part from longer distances. Other applications include the ability to flood a large area of inspection with light. This light is a popular tool for robotic applications.
**LINEAR LIGHTS**

**WARNING!!!**

Use only Spectrum Illumination LDM family adapters. Do not connect light to 24VDC directly. Failure to follow these directions will result in premature LED failure and void the warranty.

---

**Table:**

<table>
<thead>
<tr>
<th>Model</th>
<th>Standard Lens</th>
<th>50 Lens</th>
<th>F 1000 Lens</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>LL16</strong></td>
<td>24&quot; (2&quot;)</td>
<td>3&quot; x 5&quot;</td>
<td>4&quot; x 8-32 Threads .500&quot; Deep 1.205&quot; 2.5&quot;</td>
</tr>
<tr>
<td>LL26</td>
<td>24&quot; (2&quot;)</td>
<td>3&quot; x 5&quot;</td>
<td>4&quot; x 8-32 Threads .500&quot; Deep 1.205&quot; 2.5&quot;</td>
</tr>
<tr>
<td>LL111.5</td>
<td>24&quot; (2&quot;)</td>
<td>3&quot; x 5&quot;</td>
<td>4&quot; x 8-32 Threads .500&quot; Deep 1.205&quot; 2.5&quot;</td>
</tr>
<tr>
<td>LL134.5</td>
<td>24&quot; (2&quot;)</td>
<td>3&quot; x 5&quot;</td>
<td>4&quot; x 8-32 Threads .500&quot; Deep 1.205&quot; 2.5&quot;</td>
</tr>
</tbody>
</table>

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**Call for distance measurements for the following:**

- LL123 ILLUMINATOR
- LL134.5 ILLUMINATOR
- LL146 ILLUMINATOR
- LL157.5 ILLUMINATOR
- LL180.5 ILLUMINATOR

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MONSTER BOX

- No need to purchase lights in every color for testing
- Great for lab or field-testing
- White, Red, Green, Blue, UV 395, and IR 850nm
- Push Button Control for LED On/Off
- Portable Unit - Battery Powered
- All one watt LED's
Diffusers and filters can be installed on any backlight or Monster Light.

**White Diffused:**
Standard on all back lights.

**Polarizer:**
Can be used on all Standard Lights.

**Shower Glass Diffused:**
Standard on all front lights.

**Clear Diffused:**
Standard on UV lights.

**Thin Film:**
Used on all front lights. Sold in pairs only.

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**PART NUMBER ORDERING**

**Example of part number system**

<table>
<thead>
<tr>
<th>LIGHT TYPE</th>
<th>SIZE IN INCHES</th>
<th>COLOR OF LIGHT</th>
<th>LENS TYPE</th>
<th>FILTER TYPE</th>
<th>OPTIONAL DRIVERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>LL = Linear</td>
<td>880 IR 850 IR 660 RED 630 RED 530 GREEN 505 CYAN 470 BLUE 395 UV 365 UV 355 UV</td>
<td>S = Standard (Narrow)</td>
<td>P = Polarizer</td>
<td>A = Analog</td>
<td></td>
</tr>
<tr>
<td>RL = Ring</td>
<td>50 = 50° Degree (Med. Angle)</td>
<td>L = Linear (Line)</td>
<td>CC = Clear</td>
<td>V = Variable</td>
<td></td>
</tr>
<tr>
<td>SP = Spot</td>
<td>F = Wide (Wide Angle)</td>
<td>BP = Back</td>
<td>TFD = Thin Film</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DL = Dome</td>
<td>WD = White Diffuser</td>
<td>OL = Oxy</td>
<td>Diffuser</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wxx = Wash Down</td>
<td>SD = Shower Glass</td>
<td>WXX = Wash Down</td>
<td>1” 6”</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
ALL Monster Lights are available in 850nm IR
3X Brighter than the red LED (630) light.

Blueberries and beetles under IR

Available in 850nm Infrared; highest IR light engine offered.
ALL Monster Lights are available in UV 395nm, and UV 365nm.
MONSTER DOME LIGHTS

Typical Applications: Dome Lights are best used on curved reflective surfaces.

<table>
<thead>
<tr>
<th>SIZES</th>
<th>Light Output Area</th>
<th>Number of HB LED Light Engines</th>
<th>DRI VERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>DL7.25</td>
<td>7.25 dia.</td>
<td>10</td>
<td>LDM 700</td>
</tr>
<tr>
<td>DL12.25</td>
<td>12.25 dia.</td>
<td>20</td>
<td>LDM 1400</td>
</tr>
<tr>
<td>DL18.25</td>
<td>18.25 dia.</td>
<td>30</td>
<td>LDM 2100</td>
</tr>
<tr>
<td>DL29.25</td>
<td>29.25 dia.</td>
<td>48</td>
<td>LDM 2800</td>
</tr>
</tbody>
</table>

Included with all Monster Lights
LDM DIN Rail mount driver & 12 cable.

Domes provide uniform illumination with no reflections or shadows. Ideal for highly reflective parts if your application requires even lighting over the area of inspection.

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**MONSTER DOME LIGHTS**

**WARNING!!!**

USE ONLY SPECTRUM ILLUMINATION LDP FAMILY ADAPTERS. DO NOT CONNECT LIGHT TO 24VDC DIRECTLY. FAILURE TO FOLLOW THESE DIRECTIONS WILL RESULT IN PREMATURE LED FAILURE AND VOID THE WARRANTY.

### Dimensions

<table>
<thead>
<tr>
<th>Model</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>I</th>
</tr>
</thead>
<tbody>
<tr>
<td>DL7.25</td>
<td>7.25°</td>
<td>13°</td>
<td>180°</td>
<td>12°</td>
<td>6.225&quot;</td>
<td>2&quot; x .375&quot;</td>
<td>1&quot;</td>
<td>13&quot;</td>
<td>N/A</td>
</tr>
<tr>
<td>DL12.25</td>
<td>12.25°</td>
<td>18°</td>
<td>180°</td>
<td>16.875&quot;</td>
<td>8.725&quot;</td>
<td>2&quot; x .375&quot;</td>
<td>1.5&quot;</td>
<td>18&quot;</td>
<td>N/A</td>
</tr>
<tr>
<td>DL18.25</td>
<td>18.25°</td>
<td>24.5°</td>
<td>120°</td>
<td>23.125&quot;</td>
<td>11.225&quot;</td>
<td>3&quot; x .375&quot;</td>
<td>1.5&quot;</td>
<td>18.375°</td>
<td>18.375°</td>
</tr>
<tr>
<td>DL29.25</td>
<td>29.25°</td>
<td>35.355°</td>
<td>90°</td>
<td>34°</td>
<td>17.125&quot;</td>
<td>4&quot; x .386&quot;</td>
<td>1.5&quot;</td>
<td>25&quot;</td>
<td>25°</td>
</tr>
</tbody>
</table>

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**LED BACK LIGHTS**

**Typical Applications:** Illumination for profiling the part.

**SIZES**

- 1" x 4"
- 1" x 8"
- 2" x 2"
- 2" x 4"
- 2" x 6"
- 3" x 4"
- 3" x 12"
- 4" x 4"
- 4" x 6"
- 4" x 8"
- 5" x 6"
- 6" x 6"
- 6" x 8"
- 8" x 8"
- 8" x 12"
- 10" x 10"
- 12" x 12"

Custom and larger sizes available.

Backlights run directly on 24 VDC & have strobe control. Backlights come with standard 4 pin m12 connector.

**WORKABLE SURFACES**

- Cast Iron Part

Other colors are available upon request.

Spectrum Illumination LED Back Lights come in small 2"x 2" thru standard 12"x 12" sizes. Larger sizes are available. Back Lights have hundreds of SMT LED’s with a standard 4 pin industrial connector. Back Lights come in 24 Volt DC for the industrial environment. These sturdy lights are housed in a durable industrial Delrin and aluminum enclosure. Back Lights can be strobbed or continuous for the output. Available in Red, White, Blue, Green and Infrared versions.
<table>
<thead>
<tr>
<th>Model</th>
<th>Width</th>
<th>Height</th>
<th>Depth</th>
<th>Threads</th>
<th>Thread Length</th>
<th>Mounting Depth</th>
<th>Width</th>
<th>Height</th>
<th>Depth</th>
<th>Threads</th>
<th>Thread Length</th>
<th>Mounting Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>BL14</td>
<td>1&quot;</td>
<td>4&quot;</td>
<td>2&quot;</td>
<td>5&quot;</td>
<td>1.50&quot;</td>
<td>.25&quot;</td>
<td>N/A</td>
<td>4 x 8-32</td>
<td>.500&quot;</td>
<td>Deep</td>
<td>850&quot;</td>
<td>2.500&quot;</td>
</tr>
<tr>
<td>BL18</td>
<td>1&quot;</td>
<td>8&quot;</td>
<td>2&quot;</td>
<td>9&quot;</td>
<td>1.50&quot;</td>
<td>.25&quot;</td>
<td>N/A</td>
<td>4 x 8-32</td>
<td>.500&quot;</td>
<td>Deep</td>
<td>850&quot;</td>
<td>2.500&quot;</td>
</tr>
<tr>
<td>BL22</td>
<td>2&quot;</td>
<td>2&quot;</td>
<td>3&quot;</td>
<td>3&quot;</td>
<td>2.50&quot;</td>
<td>.25&quot;</td>
<td>N/A</td>
<td>4 x 8-32</td>
<td>.500&quot;</td>
<td>Deep</td>
<td>850&quot;</td>
<td>2.250&quot;</td>
</tr>
<tr>
<td>BL24</td>
<td>2&quot;</td>
<td>4&quot;</td>
<td>3&quot;</td>
<td>5&quot;</td>
<td>1.00&quot;</td>
<td>1.00&quot;</td>
<td>N/A</td>
<td>2 x 8-32</td>
<td>.500&quot;</td>
<td>Deep</td>
<td>850&quot;</td>
<td>2.500&quot;</td>
</tr>
<tr>
<td>BL26</td>
<td>2&quot;</td>
<td>6&quot;</td>
<td>3&quot;</td>
<td>7&quot;</td>
<td>1.00&quot;</td>
<td>1.00&quot;</td>
<td>N/A</td>
<td>2 x 8-32</td>
<td>.500&quot;</td>
<td>Deep</td>
<td>850&quot;</td>
<td>2.500&quot;</td>
</tr>
<tr>
<td>BL210</td>
<td>2&quot;</td>
<td>10&quot;</td>
<td>3&quot;</td>
<td>11&quot;</td>
<td>2.50&quot;</td>
<td>10.50&quot;</td>
<td>N/A</td>
<td>4 x 8-32</td>
<td>.500&quot;</td>
<td>Deep</td>
<td>850&quot;</td>
<td>2.500&quot;</td>
</tr>
<tr>
<td>BL34</td>
<td>3&quot;</td>
<td>4&quot;</td>
<td>5&quot;</td>
<td>9&quot;</td>
<td>2.50&quot;</td>
<td>4.50&quot;</td>
<td>N/A</td>
<td>4 x 8-32</td>
<td>.500&quot;</td>
<td>Deep</td>
<td>850&quot;</td>
<td>2.500&quot;</td>
</tr>
<tr>
<td>BL312</td>
<td>3&quot;</td>
<td>12&quot;</td>
<td>4&quot;</td>
<td>13&quot;</td>
<td>2.50&quot;</td>
<td>12.50&quot;</td>
<td>N/A</td>
<td>4 x 8-32</td>
<td>.500&quot;</td>
<td>Deep</td>
<td>850&quot;</td>
<td>2.500&quot;</td>
</tr>
<tr>
<td>BL44</td>
<td>4&quot;</td>
<td>4&quot;</td>
<td>5&quot;</td>
<td>9&quot;</td>
<td>3.50&quot;</td>
<td>4.50&quot;</td>
<td>N/A</td>
<td>4 x 8-32</td>
<td>.500&quot;</td>
<td>Deep</td>
<td>850&quot;</td>
<td>2.500&quot;</td>
</tr>
<tr>
<td>BL46</td>
<td>4&quot;</td>
<td>6&quot;</td>
<td>5&quot;</td>
<td>7&quot;</td>
<td>3.50&quot;</td>
<td>6.50&quot;</td>
<td>N/A</td>
<td>4 x 8-32</td>
<td>.500&quot;</td>
<td>Deep</td>
<td>850&quot;</td>
<td>2.500&quot;</td>
</tr>
<tr>
<td>BL48</td>
<td>4&quot;</td>
<td>8&quot;</td>
<td>5&quot;</td>
<td>9&quot;</td>
<td>3.50&quot;</td>
<td>6.50&quot;</td>
<td>N/A</td>
<td>4 x 8-32</td>
<td>.500&quot;</td>
<td>Deep</td>
<td>850&quot;</td>
<td>2.500&quot;</td>
</tr>
<tr>
<td>BL56</td>
<td>5&quot;</td>
<td>6&quot;</td>
<td>6&quot;</td>
<td>7&quot;</td>
<td>4.50&quot;</td>
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WASH DOWN LIGHTS

Typical Applications: Direct illumination for Harsh Environments

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<thead>
<tr>
<th>TYPE</th>
<th>SIZES</th>
<th>DRIVERS</th>
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<tbody>
<tr>
<td>WSP1.25 Spot Light</td>
<td>1.25&quot; dia.</td>
<td>LDM 350/1</td>
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<tr>
<td>WSP2.25 Spot Light</td>
<td>3.25&quot; dia.</td>
<td>LDM 350/3 (Except IR)</td>
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<td>WRL4 Ring Light</td>
<td>4&quot; dia.</td>
<td>No Driver</td>
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<td>WLL16 Linear Light</td>
<td>1&quot; x 6&quot;</td>
<td>LDM 350/3 (Except IR)</td>
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<tr>
<td>WLL11.5 Linear Light</td>
<td>1&quot; x 11.5&quot;</td>
<td>LDM 700</td>
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<td>WLL123 Linear Light</td>
<td>1&quot; x 23&quot;</td>
<td>LDM 1400</td>
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<td>WBL48 Back Light</td>
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<tr>
<td>WBL812 Back Light</td>
<td>8&quot; x 12&quot;</td>
<td>No Driver</td>
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</table>

- Natural Delrin
- 316 Stainless Steel
- FDA Compliant
- Meets IP68 Standards
- Constant or Strobed Operation
- Low voltage 24 VDC

Spectrum Illumination’s wash down lights are great performers. Environments such as the food and drug industries have proven these heavy-duty lights to be super tough. Need to strobe? Our lights have this function built in. No additional hardware needed.
• Diffuse wide angle ring light.
• 300 or 700 high output LED’s per light
• Brighter standard light output vs. Dome Lights or Light Tents
• Lights can be enclosed in a wash down enclosure
DRIVES

MONSTER BRAIN
- 10/100 Ethernet Port RJ-45
- Embedded web page - NO SOFTWARE Needed
- Multiple control of lights and cameras
- 4 independent channels of control - single or multiple lights per channel
- DIN Rail Mount

LDM
- DIN Rail Mount
- Built in High Speed Strobe Control
- PNP and NPN strobe inputs
- Capable of running hundreds of 1 watt or 5 watt HB LED Light Engines
- Constant current control using a feedback loop to maintain current within +/- .1%
- Options:
  - Variable intensity control via front access trim pot (~10% to 100% current output).
  - 0-10VDC Analog intensity control (10% to 100% current output).
- 4 independent channels of control - single or multiple lights per channel
- ON Delay / OFF Delay
- Store up to 32 products for selection
- DIN Rail Mount

LDM drives connect to Monster Brain over DIN Bus connection
EMERGING TECHNOLOGY

Monster Brain Lighting Controller

Since the start of Spectrum Illumination, we realized that we needed to be different. If we were going to succeed in the imaging lighting market. We offer a full solution product (light, cable, and strobe driver) for a low cost price. While we continue to add new lights to our Monster line, we asked ourselves what could we be doing better?

After requests by many of our customers for a lighting controller, we have developed the Monster Brain. The Monster Brain is an Ethernet controller with an embedded web server that allows configuration using a web browser, no software to install. It is capable of controlling multiple LDM drivers from a single trigger input via DIN rail bus connector.

Four strobe channels have independent, off and delay times with burst mode setting. It is used with ALDM drivers up to three of the strobe channels can be set to control the light intensity with 0-10V outputs. The light output can be adjusted independently on three of the channels from 10 percent to 100 percent current output. Two camera trigger outputs with programmable delays can be used to ensure that the light is at 100 percent before taking an image. Up to 32 product ID settings can be stored and selected via web page or hardware inputs. The trigger input has a programmable debounce setting to block false triggers. The scheduled release for this new product is the 1st quarter of 2007.

One SMART Little Monster!

- Ethernet Controller with embedded web server
- Programmable through your web browser
- No software to load
- Compact design
- DIN rail mountable
- Store up to 32 product ID settings
- 4 user definable strobe channels or
- 3 user definable variable intensity channels
- 2 camera trigger outputs

SPECTRUM ILLUMINATION

The next generation in lighting control
Company Name: ________________________________________________________________
Customer Name: ________________________________________________________________
Phone Number: ________________________________________________________________
Address: ______________________________________________________________________
Address: ______________________________________________________________________
City___________________________State______Country_______________Zip Code_________
Type of light_____________________________________________________________________
Approximate size of light required ___________________________________________________
Wave Length of light (Color) ________________________________________________________
Housings:
   Water Proof □   Standard □   Explosion Proof □
Lens:
   Thin Film □   White Defused □   Clear □   Shower Glass □   Polarizer □
Working distance to part____________________________________________________________
Strobe___________________________ Non Strobe_______________________________
Type of camera used_______________________________________________________________
Speed of line______________________________________________________________
Field of view of camera (FOV)________________________________________________________
Color of parts______________________________________________________________
How many different styles __________________________________________________________
How many lights required for product _________________________________________________
Time frame for delivery of lights_______________________________________________________

For price and delivery send to: engineering@spectrumillumination.com or Please fill out and fax to
Spectrum Illumination 231-894-4582. Attention engineering department. Or download form from web site
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