Stasis LED
Architectural Track Lighting System
Stasis LED

Stasis LED offers Sustainability and Energy Savings in a Stylish package.

- Flexibility to meet your lighting needs
  - Two Sizes Available (Small – 8W, 14,600 cd and Medium 18W, 36,080 cd)
  - Two Color Temperatures (3000K and 4000K)
  - Three Optical Distributions (Spot – 8˚, Narrow Flood – 25˚, and Flood – 40˚)
  - High 85 CRI
- 8 Watt fixture consumes 85% less energy than a standard 50 Watt MR16 Halogen
- 18 Watt fixture consumes 80% less energy than a standard 90 Watt Par38 Halogen
- Easy installation yields simple retrofit opportunities of traditional accent light sources
- Superior light quality
- Virtually maintenance free yielding sustainable performance
- Three year limited warranty

Light emitting diodes (LED) are solid state devices that do not have filaments or glass components that can break causing the source to fail. Due to solid state construction, an LED light source is less susceptible to vibration, therefore reducing the risk of premature failure and improving component longevity. Over 70% of the initial light output is maintained after 50,000 hours of operation. The sustainability of the Stasis LED fixture dramatically reduces maintenance and service costs over traditional sources.

Environmental and legislative awareness continues to drive demand for energy efficient lighting solutions in all types of applications. LED luminaires are high-efficiency alternatives to more traditional light sources, such as halogen and fluorescent.
SustainableLED Design

Stasis LED is a part of Cooper Lighting’s SustainableLED Design initiative that offers environmental and sustainable solutions that reduce carbon emissions and hazardous materials in support of an overall strategy to improve the environment.

Sustainable solutions also evaluate the amount of natural resources consumed during the life cycle of the product. Stasis LED is considerably better than the 90W Par38 light source. This chart illustrates the impact of these products to the overall consumption of natural resources.

Energy Savings

The most used lamps in retail applications are 90W PAR38 and 50W MR16 halogens. Simply changing just one fixture to Stasis LED will save hundreds of dollars over the life of the fixture. Changing multiple fixtures will significantly lower your electric bill and change how you view accent lighting. The Stasis LED luminaire is more efficient than these traditional light sources; Stasis LED Medium consumes 80% less than the 90W halogen and the Stasis LED Small consumes 85% less than the 50W halogen.

Life Comparison¹

1 4,380 hours/year (12 hours per day)

<table>
<thead>
<tr>
<th></th>
<th>Halogen</th>
<th>CMH</th>
<th>Stasis LED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Life (yrs.)</td>
<td>0.6</td>
<td>2.0</td>
<td>11.4</td>
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</table>

¹
In retail applications, lighting is the unspoken party in all merchandising and sales. Retailers want their product to be eye-catching and jump off the shelves at consumers, and accent lighting makes this happen. Stasis LED is perfect for all retail applications. LED luminaires do not emit damaging ultraviolet wavelengths and limited infrared so even the most sensitive colored merchandise is protected from fading. Stasis LED is a low wattage solution offering the same or better light output as commonly used halogen and CMH light sources. Energy saving is not all you get from Stasis LED; with 70% lumens operating at 50,000 hours maintenance costs are drastically reduced. Stasis LED also presents added flexibility from two different size fixtures with both 3000K and 4000K color temperatures available. With three distributions available and a high 85 CRI, Stasis LED can exceed your retail lighting needs. Stasis LED is an instant-on solution with quiet operation.
Accent lighting plays the role of a key sales person in a supermarket environment. Proper track lighting can make displays of produce, end caps or other special areas standout and draw in the customer to purchase while offering the flexibility of changing floor layouts throughout the seasons. Stasis LED is optimal for these locations because it offers not only an energy efficient option, but a cooler alternative which is vital for the shelf life of perishable products. Stasis LED can also provide the light output required to make a display pop from various ceiling heights and configurations. With the ability to specify color temperatures the end user has the flexibility to customize the light output in various locations throughout the store. Stasis LED is a great option for sign lighting as well.
Stasis LED can offer the drama that many restaurants and hotels are seeking. This fixture not only has a sleek and stylish design; it can accept up to two pieces of media for added design effect. This product offers endless flexibility in this dynamic environment. Stasis LED luminaires are ideal for creating virtually maintenance free public spaces given it will continue to deliver 70% of the original light after eleven years based on 12 hours usage per day. Stasis LED also provides overall operational cost reductions through HVAC system improvements.
LED technology is perfect for gallery and showroom applications given there is limited infrared low heat and no ultraviolet emissions, artwork and wall hangings are protected from fading. Stasis LED is perfect for museums and art galleries providing precise accent lighting with various media options available. Stasis LED offers a dramatic selling environment for any type of showroom. The integral design of Stasis allows for functional lighting that can remain virtually inconspicuous. Like the rest of the Stasis family, Stasis LED has both lockable rotation and tilt to insure your display lighting design remains in place as intended.
### Light Source MR16 Halogen
- **Watts (Input):** 50 (52)
- **Beam Angle:** 10 deg
- **Color Temperature:** 3000K
- **CRI:** 100
- **CBCP:** 9,100 cd
- **Rated Life:** 3,500 hrs
- **L70:** DNA

### Light Source MR16 CMH
- **Watts (Input):** 20 (23)
- **Beam Angle:** 12 deg
- **Color Temperature:** 3000K
- **CRI:** 81
- **CBCP:** 9,000 cd
- **Rated Life:** 12,000 hrs
- **L70:** L70/3,500

### Light Source Stasis LED small
- **Watts (Input):** 8 (8)
- **Beam Angle:** 8 deg
- **Color Temperature:** 3000K
- **CRI:** 85
- **CBCP:** 14,618 cd
- **Rated Life:** 50,000 hrs
- **L70:** L70/50,000

### Energy and Maintenance Comparison

<table>
<thead>
<tr>
<th>Light Source</th>
<th>50W MR16 Halogen</th>
<th>20W MR16 CMH</th>
<th>8W Stasis LED Small</th>
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<tbody>
<tr>
<td>Rated Lamp Life (hours)</td>
<td>3,500</td>
<td>12,000</td>
<td>50,000</td>
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<tr>
<td>Input Watts</td>
<td>52</td>
<td>23</td>
<td>8</td>
</tr>
<tr>
<td>Number of Fixtures</td>
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<td>1</td>
<td>1</td>
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<tr>
<td>Energy Cost *</td>
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<td>$40</td>
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<tr>
<td>Number of Lamp Replacements</td>
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<td>5.7</td>
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</tr>
<tr>
<td>Lamp Cost</td>
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<td>$30</td>
<td>$0</td>
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<tr>
<td>Labor Cost</td>
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<td>$20</td>
<td>$0</td>
</tr>
<tr>
<td>Total Energy Cost</td>
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<td>$40</td>
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<tr>
<td>Total Maintenance Cost</td>
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<tr>
<td>Total Life Cost</td>
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<td>$395</td>
<td>$40</td>
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<tr>
<td>Percent Energy Savings with Stasis LED</td>
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<td>65%</td>
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<tr>
<td>Percent Total Savings with Stasis LED</td>
<td>95%</td>
<td>90%</td>
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* Based on 10¢ per Kilowatt hour
Stasis LED Medium – Performance Comparison

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<tr>
<th>Light Source</th>
<th>Par38 Halogen</th>
<th>Par30 CMH</th>
<th>Stasis LED med</th>
</tr>
</thead>
<tbody>
<tr>
<td>Watts (Input)</td>
<td>90 (90)</td>
<td>39 (45)</td>
<td>18 (18)</td>
</tr>
<tr>
<td>Beam Angle</td>
<td>10 deg</td>
<td>12 deg</td>
<td>8 deg</td>
</tr>
<tr>
<td>Color Temperature</td>
<td>2850K</td>
<td>3000K</td>
<td>3000K</td>
</tr>
<tr>
<td>CRI</td>
<td>100</td>
<td>81</td>
<td>85</td>
</tr>
<tr>
<td>CBCP</td>
<td>19,000 cd</td>
<td>29,011 cd</td>
<td>36,079 cd</td>
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<tr>
<td>Rated Life L70</td>
<td>3,000 hrs</td>
<td>10,000 hrs</td>
<td>50,000 hrs</td>
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</table>

Energy and Maintenance Comparison over 50,000 hours of life

- **90W Par38 Halogen**
  - Rated Lamp Life (hours): 3,000
  - Input Watts: 90
  - Number of Fixtures: 1
  - Energy Cost*: $450
  - Number of Lamp Replacements: 22.2
  - Lamp Cost: $8
  - Labor Cost: $20
  - Total Energy Cost: $450
  - Total Maintenance Cost: $622
  - Total Life Cost: $1,072
  - Percent Energy Savings with Stasis LED: 80%
  - Percent Total Savings with Stasis LED: 92%

- **39W Par30 CMH**
  - Rated Lamp Life (hours): 10,000
  - Input Watts: 45
  - Number of Fixtures: 1
  - Energy Cost*: $225
  - Number of Lamp Replacements: 6.9
  - Lamp Cost: $35
  - Labor Cost: $20
  - Total Energy Cost: $225
  - Total Maintenance Cost: $369
  - Total Life Cost: $594
  - Percent Energy Savings with Stasis LED: 60%
  - Percent Total Savings with Stasis LED: 85%

- **18W Stasis LED Medium**
  - Rated Lamp Life (hours): 50,000
  - Input Watts: 18
  - Number of Fixtures: 1
  - Energy Cost*: $90
  - Number of Lamp Replacements: 0.0
  - Lamp Cost: $0
  - Labor Cost: $0
  - Total Energy Cost: $90
  - Total Maintenance Cost: $0
  - Total Life Cost: $0
  - Percent Energy Savings with Stasis LED: 100%
  - Percent Total Savings with Stasis LED: 100%

* Based on 10¢ per Kilowatt hour
**Thermal Management**
- Die cast aluminum body
- Exceptional thermal management to yield 70% lumen maintenance after 50,000 hours of operation with many thousands of hours of operation thereafter

**Optical Performance**
- Tight optical control
- Minimal spill light
- Three different distributions

**Color (binning)**
- Tight binning of LEDs ±50 K in color temperature
- Consistent high CRI of 85
Stasis LED – Features and Benefits

Two sizes offer the added flexibility to meet all your lighting needs.

Lampholder arm allows adjustment of +/- 90° for both rotation and tilt, providing full aiming capabilities. Vertically oriented ballast housing stays aligned with track for a uniform look.

Integral on-off switch allows installation without de-energizing entire track “run”.

The Stasis LED small utilizes 8 watts with 3 LEDs, while the medium is 18 watts with 7 LEDs.

Units include rotation and tilt locks to preserve the original lighting design intent.

Lampholder arm employs graduations every 15° for precise, repeatable tilt aiming. An indicator mark on arm bottom assures perfect lamp housing alignment with the track.
### Stasis LED Small – Performance Comparison

#### Notes and Definitions
- Beam spread is to 50% center beam candlepower (CBCP)
- D = Distance in feet to floor or wall
- FC = Footcandles on floor or wall at center beam aiming location
- L = Effective Visual Beam length in feet (50% of maximum footcandle level)
- W = Effective Visual Beam width in feet (50% of maximum footcandle level)
- CB = Distance in feet across or down to center beam location

#### Dark Stasis LED Accent
- **Finish:**
  - White (P)
  - Black (MB)
  - Aluminum Haze (AH)
- **Color Temperature:**
  - 3000K ± 50
  - 4000K ± 50
- **Distribution:**
  - 8° Spot
  - 25° Narrow Flood
  - 40° Flood
- **Accessories:**
  - LM10520P, MB, AH

#### Measurements

<table>
<thead>
<tr>
<th>Color Temperature</th>
<th>0° Aiming Angle Horizontal Footcandles</th>
<th>30° Aiming Angle Horizontal Footcandles</th>
<th>30° Aiming Angle Vertical Footcandles on Wall</th>
<th>45° Aiming Angle Vertical Footcandles on Wall</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spot: 8°</td>
<td>D FC L W CB</td>
<td>D FC L W CB</td>
<td>D FC L W CB</td>
<td>D FC L W CB</td>
</tr>
<tr>
<td>CBCP: 1618</td>
<td>5.0 58 0.6 0.6</td>
<td>5.0 380 0.7 0.7 0.7</td>
<td>3.0 27 0.1 0.1 0.1 0.1</td>
<td>3.0 54 0.9 0.9 0.9 0.9</td>
</tr>
<tr>
<td>Lumens: 383</td>
<td>7.5 206 0.9 0.9</td>
<td>7.5 169 1.3 1.1 1.3</td>
<td>4.0 129 2.1 2.1 2.1</td>
<td>4.0 233 1.2 1.2 1.2</td>
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<tr>
<td>Report No: A10118</td>
<td>100 146 1.2 1.2</td>
<td>100 95 1.8 1.8 1.8</td>
<td>5.0 81 2.6 2.6 2.6</td>
<td>5.0 207 1.5 1.5 1.5</td>
</tr>
<tr>
<td></td>
<td>125 94 1.5 1.5</td>
<td>125 61 2.2 2.2 2.2</td>
<td>6.0 57 3.1 3.1 3.1</td>
<td>6.0 144 1.8 1.8 1.8</td>
</tr>
<tr>
<td></td>
<td>150 65 1.8 1.8</td>
<td>150 42 2.6 2.6 2.6</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| Narrow Flood: 25° | D FC L W CB                             | D FC L W CB                            | D FC L W CB                                 | D FC L W CB                                 |
| CBCP: 1468        | 5.0 47 2.4 2.4                          | 5.0 34 2.8 2.8 2.8                     | 3.0 27 3.1 3.1 3.1 3.1                      | 3.0 54 3.2 3.2 3.2 3.2                      |
| Lumens: 319       | 7.5 21 3.7 3.7                          | 7.5 15 4.4 4.4 4.4                     | 4.0 15 4.2 4.2 4.2                         | 4.0 31 3.3 3.3 3.3                         |
| Report No: A10110 | 100 12 4.9 4.9                          | 100 8 5.8 5.8 5.8                      | 5.0 10 5.2 5.2 5.2                         | 5.0 21 3.7 3.7 3.7                         |
|                   | 125 7 6.1 6.1                           | 125 5 7.3 7.3 7.3                      | 6.0 7 6.3 6.3 6.3                         | 6.0 15 4.4 4.4 4.4                         |
|                   | 150 5 7.2 7.2                           | 150 4 8.7 8.7 8.7                      |                                               |                                               |

| Flood: 40°        | D FC L W CB                             | D FC L W CB                            | D FC L W CB                                 | D FC L W CB                                 |
| CBCP: 836         | 5.0 25 1.5 1.5                          | 5.0 20 1.7 1.7 1.7                     | 3.0 21 2.2 2.2 2.2                         | 3.0 39 2.3 2.3 2.3                         |
| Lumens: 312       | 7.5 11 2.2 2.2                          | 7.5 9 5.6 5.6 5.6                     | 4.0 12 3.6 3.6 3.6                         | 4.0 22 3.1 3.1 3.1                         |
| Report No: A10116 | 100 6 7.0 7.0                           | 100 5 7.4 7.4 7.4                     | 5.0 7 4.5 4.5 4.5                         | 5.0 14 3.9 3.9 3.9                         |
|                   | 125 4 8.7 8.7                           | 125 3 9.3 9.3 9.3                     | 6.0 5 5.5 5.5 5.5                         | 6.0 10 4.6 4.6 4.6                         |
|                   | 150 3 10.5 10.5                         | 150 2 11.1 11.1 11.1                  |                                               |                                               |
Stasis LED Medium – Performance Comparison

**Notes and Definitions**
- Beam spread is to 50% center beam candlepower (CBCP)
- **D** = Distance in feet to floor or wall.
- **FC** = Footcandles on floor or wall at center beam aiming location.
- **L** = Effective Visual Beam length in feet (50% of maximum footcandle level).
- **W** = Effective Visual Beam width in feet (50% of maximum footcandle level).
- **CB** = Distance in feet across or down to center beam location.

### Medium
- **Finish:**
  - White (P)
  - Black (MB)
  - Aluminum Haze (AH)
- **Color Temperature:**
  - 3000K ± 50
  - 4000K ± 50
- **Distribution:**
  - 8° Spot
  - 25° Narrow Flood
  - 40° Flood
- **Accessories:**
  - LM10530P MB, AH
  - Media Ring Accommodates two 3-3/4” Media

### Stasis LED Accent
- **Finish:**
  - White (P)
  - Black (MB)
  - Aluminum Haze (AH)
- **Color Temperature:**
  - 3000K ± 50
  - 4000K ± 50
- **Distribution:**
  - 8° Spot
  - 25° Narrow Flood
  - 40° Flood
- **Accessories:**
  - LM10530P MB, AH
  - Media Ring Accommodates two 3-3/4” Media

### Medium Stasis LED Accent
- **Finish:**
  - White (P)
  - Black (MB)
  - Aluminum Haze (AH)
- **Color Temperature:**
  - 3000K ± 50
  - 4000K ± 50
- **Distribution:**
  - 8° Spot
  - 25° Narrow Flood
  - 40° Flood
- **Accessories:**
  - LM10530P MB, AH
  - Media Ring Accommodates two 3-3/4” Media

---

**Medium**

<table>
<thead>
<tr>
<th>D</th>
<th>FC</th>
<th>L</th>
<th>W</th>
<th>CB</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.0</td>
<td>144</td>
<td>0.6</td>
<td>0.6</td>
<td></td>
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<tr>
<td>7.5</td>
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<td>12.5</td>
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<td>15.0</td>
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<td>1.8</td>
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</tbody>
</table>

### 0° Aiming Angle
- **Horizontal Footcandles**
- **30° Aiming Angle**
  - **Horizontal Footcandles**
- **45° Aiming Angle**
  - **Horizontal Footcandles**

### Vertical Footcandles on Wall

<table>
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<th>D</th>
<th>FC</th>
<th>L</th>
<th>W</th>
<th>CB</th>
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<tbody>
<tr>
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<td>552</td>
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<td>4.0</td>
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<td>6.0</td>
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<td>3.1</td>
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### Medium Stasis LED Accent

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**Medium**

<table>
<thead>
<tr>
<th>D</th>
<th>FC</th>
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<th>W</th>
<th>CB</th>
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<tbody>
<tr>
<td>3.0</td>
<td>147</td>
<td>0.9</td>
<td>0.9</td>
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<td>4.0</td>
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<td>0.8</td>
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<tr>
<td>5.0</td>
<td>510</td>
<td>1.5</td>
<td>0.9</td>
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<td>6.0</td>
<td>354</td>
<td>1.8</td>
<td>1.1</td>
<td>6.0</td>
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**Medium Stasis LED Accent**

<table>
<thead>
<tr>
<th>D</th>
<th>FC</th>
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<tbody>
<tr>
<td>3.0</td>
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<td>4.0</td>
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<td>5.0</td>
<td>509</td>
<td>1.5</td>
<td>0.9</td>
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<td>6.0</td>
<td>354</td>
<td>1.8</td>
<td>1.1</td>
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Ordering Information

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<tr>
<th>Track</th>
<th>Stasis LED</th>
<th>Beam</th>
<th>CCT</th>
<th>Finish</th>
<th>Voltage</th>
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<tbody>
<tr>
<td>L</td>
<td>805</td>
<td>SP</td>
<td>30</td>
<td>AH</td>
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<td>P</td>
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<td></td>
<td>FL</td>
<td></td>
<td>MB</td>
<td>277V</td>
</tr>
<tr>
<td>SML</td>
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<td></td>
<td></td>
<td>(only with LA)</td>
</tr>
<tr>
<td>MED</td>
<td></td>
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<td></td>
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<td>(only with LA)</td>
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<table>
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<tr>
<th>Size</th>
<th>Media Holder</th>
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<tbody>
<tr>
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<td>LM10520AH, P, MB</td>
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<tr>
<td>MED</td>
<td>LM10530AH, P, MB</td>
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*Accepts max. of 2 pieces of media

Color Filters and Beam Modifying Lenses

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<thead>
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<th>Filter Type</th>
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<th>3-3/4”</th>
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<tbody>
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</tr>
<tr>
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<tr>
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</tr>
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<td>Medium Blue</td>
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<td>L421</td>
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<tr>
<td>Medium Green</td>
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<td>L441</td>
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</table>

3 Year Product Limited Warranty

Cooper Lighting (The Company) warrants the Halo Stasis LED Small and Medium Fixtures against defects in material or workmanship for a period of three years from date of original purchase, and agrees to repair or, at the company’s option, replace a defective product without charge for either replacement parts or labor during such time. This does not include labor to remove or install fixtures. This warranty is extended only to the original purchasers of the product. A purchasers receipt or other proof of date of original purchase acceptable to the Company is required before warranty performance shall be rendered.

This warranty only covers product failure due to defects in material or workmanship which occurs in normal use. It does not cover the failure of product caused by accident, misuse, abuse, lack of reasonable care, alteration, or faulty installation, subjecting the product to any but specified electrical service or any other failure not resulting from defects in material or workmanship. Damage to the product caused by separately purchased, non-Company supplied components and corrosion or discoloration of components and corrosion or discoloration of components are not covered by this warranty. There are no express warranties except as described above.

THE COMPANY SHALL NOT BE LIABLE FOR INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY. ALL IMPLIED WARRANTIES, IF ANY, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE EXPRESS WARRANTY. Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitation on how long an implied warranty lasts, so the above exclusions or limitations may not apply to you.

No other warranty, written or verbal, is authorized by the Company. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

To obtain warranty services, please write to Cooper Lighting 1121 Highway 74 South, Peachtree City, Georgia 30269. Enclose product model number and problems you are experiencing, along with address and telephone number. You will then be contacted with a solution or a Return Goods Authorization number. For returned products, any product received without a Return Goods Authorization Number from the Company will be refused.

Cooper Lighting is not responsible for merchandise damaged in transit. Repaired or replaced products shall be subject to the terms of this warranty and are inspected when packed. Evident or concealed damage that is made in transit should be reported at once to the carrier making the delivery and a claim filed with them.
**Current Limiting Options**

**Halo Track Current Limiter**

The increasing awareness of energy usage however has led to stringent legislation mandating rigid “watts-per-foot” requirements for track lighting. This in turn has specifiers looking for alternatives to track lighting, which was thought to be difficult to quantify and control in terms of energy usage. The Halo Track Current Limiter, even under tough legislative standards, makes it easy to understand and specify track lighting.

With the Halo Track Current Limiter, energy consumption can be controlled to exact requirements. Circuit breakers become an integral part of the track system and can be selected from 120 watts up to 1200 watts. Should the track section exceed its load rating, the circuit breaker trips and shuts off power to that track section ensuring compliance with load requirements.

**Features and Benefits**

- End-feed and Center-feed capable:
  - Halo Power-Trac one and two-circuit track systems
  - Lazer one-circuit track system.
- Five breaker sizes are available.
  - Consult factory if other sizes are required.
- Can be utilized on hard or grid ceilings.
- Can be used with pendant suspended track.
- Breaker can be used as an on-off switch.
- Breaker features a “tripped” condition indicator.
- Feeds employing two circuit breakers do not require breakers to be the same size. Each breaker can be sized according to desired load.
- Approved by the California Energy Commission – meets Title 24 requirements.
- cULus Listed

**Feeds and Circuit Breaker Types**

- **Power-Trac Single Circuit**
  - LC901P, MB: End feed connector and housing. White/Black
  - LC903P, MB: Center feed connector and housing. White/Black
- **Power-Trac Single Circuit**
  - LC941P, MB: End feed connector and housing. White/Black
  - LC943P, MB: Center feed connector and housing. White/Black
- **Lazer**
  - LZRC201P, MB: End feed connector and housing. White/Black
  - LZRC203P, MB: Center feed connector and housing. White/Black
- **Circuit Breakers**
  - CB120P, MB: Circuit breaker 1 amp @ 120V = 120W
  - CB300P, MB: Circuit breaker 2.5 amp @ 120V = 300W
  - CB600P, MB: Circuit breaker 5 amp @ 120V = 600W
  - CB960P, MB: Circuit breaker 8 amp @ 120V = 960W
  - CB1200P, MB: Circuit breaker 10 amp @ 120V = 1200W

**Finish Codes:** P=White, MB=Black

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**TrackKeeper™ Current Limiter**

The TrackKeeper™ current limiting panel helps meet energy code requirements by using the volt-ampere rating of the breaker as opposed to calculated values based on watts per linear foot of track.

- Helps meet Energy Code Regulations
- Simplifies Load Calculations
- Reduce Installation Costs

**Wattage Limits on Track Lighting**

- California Title 24…….. 45-watts per linear foot
- ASHRAE 90.1*………… 30-watts per linear foot
- City of Seattle…….. 70-watts per linear foot

*Based for many municipal energy codes across the United States

**Ordering/Specifying**

Specify enclosure size, mounting option, voltage and number of circuit breakers desired. Breakers must be installed in groups of two. Example: TK16-120-14-F specifies a 16 circuit flush mount enclosure with (14) 120V circuit breakers.

<table>
<thead>
<tr>
<th>Greengate Catalog #</th>
<th>Voltage</th>
<th># of Breakers</th>
<th>Mounting Option</th>
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<tbody>
<tr>
<td>TK16</td>
<td>120 or 277</td>
<td>2 to 16&quot; (Increments of 2)</td>
<td>S = Surface, F = Flush</td>
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<tr>
<td>TK32</td>
<td>120 or 277</td>
<td>18 to 32&quot; (Increments of 2)</td>
<td>S = Surface, F = Flush</td>
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</table>
Lazer Track LZR102, LZR104, LZR106, LZR108

Lazer Track offers economy and Convenience
LZR102 - 2 Track. Actual length 20 1/8” (511mm).
Finishes: White (P), Black (MB)
LZR104 - 4 Track. Actual length 44 1/8” (1121mm).
Finishes: White (P), Black (MB)
LZR106 - 6 Track. Actual length 68 1/8” (1730mm).
Finishes: White (P), Black (MB)
LZR108 - 8 Track. Actual length 92 1/8” (2340mm).
Finishes: White (P), Black (MB)
The Lazer Two-Conductor track is available in two finishes and 4 lengths. The overall height is only 9/16” with a decorative reveal at the ceiling line.

Track Systems

Miniature L650, L651, L652, L653

Miniature Track Provides Versatility for every Lighting Need
Decorator finishes, push-in connectors, economy, all combine to make single-circuit Trac perfect for residential or commercial use.
L650-2' Track Actual length 20 1/8” (511mm).
Finishes: White (P), Black (MB), Silver (SL)
L651-4' Track Actual length 44 1/8” (1121mm).
Finishes: White (P), Black (MB), Silver (SL)
L652-8’ Track Actual length 92 1/8” (2340mm).
Finishes: White (P), Black (MB), Silver (SL)
L653-12’ Track Actual length 140 1/8” (3559mm).
Finishes: White (P), Black (MB), Silver (SL)

Halo Two Circuit L641, L642, L643

Halo-2 Power-Trac Has Two Circuits for Greater System Flexibility
Halo-2 Power-Trac system provides two separate 20 AMP circuits. Each circuit can be independently switched. Suitable for commercial, merchandising and residential applications.
L641-4 Track Actual length 42 5/8” (1083mm).
Finishes: White (P), Black (MB), Silver (SL)
L642-8 Track Actual length 90 5/8” (2302mm).
Finishes: White (P), Black (MB), Silver (SL)
L643-12 Track Actual length 138 5/8” (3521mm)
Finishes: White (P), Black (MB), Silver (SL)
Size 11/16” (17.5mm) deep by 1 3/8” (35mm) wide.

L643 Single-Circuit to Four-Circuit Converter with Switch
Finishes: White (P), Black (MB)
IMPORTANT: One L643 Converter is required for EACH lampholder used.

Halo Four Circuit Track L621, L622, L623

Four Circuit Trac Provides Concise Control of Each Circuit
L621-4 Track Actual length 42 7/8” (1089mm).
Finishes: White (P), Black (MB)
L622-8 Track Actual length 90 7/8” (2308mm).
Finishes: White (P), Black (MB)
L623-12 Track Actual length 138 7/8” (3527mm).
Finishes: White (P), Black (MB)
Size Four Circuit Trac is 1 3/4” (44mm) high and 1 3/4” (44mm) wide.

Connectors
Connectors simply push into the ends of the track, eliminating splicing. Polarized contact on connectors assure proper installation. Just align arrows with polarity line on track and push in. L’s, T’s and X’s allow track to be assembled in almost any pattern.

Four Circuit Operations
Halo Four Circuit Trac allows greater density by carrying up to 60 AMPS on 3-phase 4 wire system or 40 AMPS on single phase 3 wire system. Fully polarized and grounded throughout. UL/cUL listed.

L963 Single-Circuit to Four-Circuit Converter with Switch
Finishes: White (P), Black (MB)
IMPORTANT: One L963 Converter is required for EACH lampholder used.

L963 Converter is required for Halo Power-Trac lampholders to be used with Four Circuit Trac.
Halo Architectural Track LA631, LA632, LA633

Architectural Track Provides a 120V or 277V Option with Two Separate 40 AMP Circuits and Two Neutrals
LA631-4’ Track Actual length 42 7/32” (1072mm), Finishes: White (P), Black (MB), Silver (SL)
LA632-8’ Track Actual length 88 7/32” (2240mm), Finishes: White (P), Black (MB), Silver (SL)
LA633-12’ Track Actual length 136 7/32” (3460mm), Finishes: White (P), Black (MB), Silver (SL)
Halo 2 Circuit Architectural 120V or 277V Trac System provides two separate 40 AMP circuits and two neutrals. Each circuit can be independently switched. Fully polarized and grounded throughout. Top portion of trac is designed as a raceway for carrying up to 2 #8 AWG conductors. Raceway can be used to feed additional sections of trac from the original feed point, minimizing installation time and cost. Halo 2 Circuit Architectural Trac accepts Halo 120V or 277V lampholders and is suitable for a wide range of commercial, merchandising, and retail applications.

Halo Flexible Track LF4AH, LF8AH

Halo flexible Track is the ultimate in aesthetic, mechanical and electrical versatility.
LF4AH-4’ Track Finishes: Aluminum Haze (AH)
LF4AH-8’ Track Finishes: Aluminum Haze (AH)
Flexible Track is a three circuit, bendable track system. There are two 120V / 20A circuits with dedicated neutrals, as well as a third 12V / 25A circuit. The track can be used as either a stand-alone 120V or 12V system, or a combination of both. Each circuit can be independently switched. To change from one 120V circuit to the other, simply remove the lampholder and rotate adaptor 180o and reinstall. The system is suitable for a wide range of commercial, merchandising and residential applications. Its unique, fresh styling not only enhances, but can also trace virtually any interior design creation.

Connectors & Accessories

<table>
<thead>
<tr>
<th>Description</th>
<th>Miniature Power-Trac</th>
<th>Halo-2 Two Circuit</th>
<th>Four Circuit</th>
<th>Lazer</th>
<th>Architectural</th>
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<tbody>
<tr>
<td>Outlet Box Cover</td>
<td>L900</td>
<td>L900</td>
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<td>Live End Connector</td>
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<td>L941</td>
<td>L921</td>
<td>LZR200/LZR201</td>
<td>LA671</td>
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<td>Straight Connector</td>
<td>L903</td>
<td>L943</td>
<td>L923</td>
<td>LZR203</td>
<td>LA673</td>
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<td>Flexible Connector</td>
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<td>L942</td>
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<td>LZR211</td>
<td>LA672</td>
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<td>L Connector</td>
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<td>L943</td>
<td>L924</td>
<td>LZR203</td>
<td>LA674</td>
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<td>T Connector</td>
<td>L905, L945R/L945L</td>
<td>L925</td>
<td>LZR213R/LZR213L</td>
<td>LA675</td>
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<td>X Connector</td>
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<td>L946</td>
<td>L926</td>
<td>LZR214</td>
<td>LA676</td>
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<tr>
<td>Mini Joiner</td>
<td>L908</td>
<td>L949</td>
<td>–</td>
<td>LZR211</td>
<td>LA678</td>
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<tr>
<td>Floating Canopy &amp; Connector</td>
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<td>L929</td>
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<td>LZR202</td>
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<td>Cord and Plug Connector</td>
<td>L950</td>
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<td>LZR208</td>
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<td>Conduit Connector</td>
<td>L979</td>
<td>L947</td>
<td>L982</td>
<td>LZR204/LZR205</td>
<td>LA670</td>
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<td>T-Bar Attachment Clip</td>
<td>L983</td>
<td>L983</td>
<td>L983</td>
<td>LZR207</td>
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<td>Pendant Assembly</td>
<td>L992</td>
<td>L992</td>
<td>L954</td>
<td>L992</td>
<td>LA995</td>
</tr>
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</table>
Stasis Family

**Low Voltage MR16**

- **Lamp:** 50W MR16
- **Finish:** White (P), Black (MB), Aluminum Haze (AH)
- **Accessories:** L100 Series Lenses, L1000MB Hex Cell Louver (EOW Max.)

**Incandescent PAR20**

- **Lamp:** 50W PAR20
- **Finish:** White (P), Black (MB), Aluminum Haze (AH)
- **Accessories:** LM10520P, MB, AH Media Ring, Accommodates two 2 1/2” Media

**Incandescent PAR30**

- **Lamp:** 75W PAR30
- **Finish:** White (P), Black (MB), Aluminum Haze (AH)
- **Accessories:** LM10530P, MB, AH Media Ring, Accommodates two 3 3/4” Media

**Incandescent PAR38**

- **Lamp:** 150W PAR38
- **Finish:** White (P), Black (MB), Aluminum Haze (AH)
- **Accessories:** LM10538P, MB, AH Media Ring, Accommodates two 4 11/16” Media

**Ordering Information**

- **Track**
  - LF = Flexible Track
  - L = Halo Track
  - LA = Halo Architectural Track System
- **Lamp Type**
  - 1 = Incandescent
  - 2 = Low Voltage
- **Series**
  - 05 = Stasis
- **Finish**
  - AH = Aluminum Haze
  - P = White (L and LA only)
  - MB = Black (L and LA only)
Ceramic Metal Halide MR16

Lamp: 20W MR16 Ceramic Metal Halide
Finish: White (P), Black (MB), Aluminum Haze (AH)
Accessories: LM50516P, MB, AH Media Ring. Accommodates two L100 Series Media (filters, beam modifying lenses and hex cell louver)

Ceramic Metal Halide PAR30

Lamp: 39W PAR30 Ceramic Metal Halide
70W PAR30 Ceramic Metal Halide
Finish: White (P), Black (MB), Aluminum Haze (AH)

Ceramic Metal Halide T6 Adjustable

Lamp: 39W T6 Ceramic Metal Halide
70W T6 Ceramic Metal Halide
Finish: White (P), Black (MB), Aluminum Haze (AH)
Accessories: Accommodates two Media (L200 Series Filters and Beam Modifying Lenses, L275 Cube Cell Louver)
Notes: Adjustable Beam from Spot to Flood. Desired beam can be locked in place utilizing a 1.5mm Allen wrench (supplied)

Ceramic Metal Halide T6 Wall Wash

Lamp: 39W T6 Ceramic Metal Halide
70W T6 Ceramic Metal Halide
Finish: White (P), Black (MB), Aluminum Haze (AH)
Accessories: LVR505WW, P, MB, AH Louver

Ordering Information

<table>
<thead>
<tr>
<th>Track</th>
<th>Series</th>
<th>Lamp Type</th>
<th>Wattage</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>LF = Flexible Track</td>
<td>505 = Metal Halide Stasis</td>
<td>16 = MR16, 30 = PAR30, 6 = T6</td>
<td>20 = 20W (MR16 only), 39 = 39W, 70 = 70W (PAR30/T6 only)</td>
<td>AH = Aluminum Haze, P = White (L and LA only), MB = Black (L and LA only)</td>
</tr>
</tbody>
</table>