Lumination™ LED Luminaires

LED Track Light
LTM Track Mini Series

Product Description:
Lumination™ LED Luminaires-TM Series provide first class options for architects, designers and facility managers who want superior flexibility in an LED accent lighting system. The LTM Series is a smaller sized version of the GE Lumination™ TS Series and provides the same high performance and depth of product offering. Choose from options including a wide range of lumen packages, color temperatures and beam distributions. The LTM Track Lights also come available with reveal® Whiter White™ Technology.

Targeted Performance Summary:

**Standard White:**
Spot 16°, Narrow Flood 20°, Flood 25°, Wide Flood 35°
- 1,375 lumen – 18.5W
- 1,150 lumen – 13.4W
- 950 lumen – 10.2W
- 12,800 CBCP @ 18.5W

**Reveal® Whiter White (WW - 2850K) Version:**
Spot 15°, Narrow Flood 18°, Flood 25°, Wide Flood 35°
- 560 lumen – 9.5W
- 700 lumen – 12.7W
- 900 lumen – 17.7W
- 9,100 CBCP @ 17.7W

**Efficacy:** Up to 93 LPW

**Input Voltage:** 120V

**CCT:**
2700K/3000K/3500K/4000K (excludes Whiter White – 2850K)

**Typical CRI:** 80 and 90 CRI options, 95 CRI (Whiter White)

**Dimming:** Triac & ELV (Forward & Reverse Phase) dimming standard

**Lifetime Rating:** L70 @ 50,000 hours

**Limited Warranty:** 5 Years

Certified by:
- Dry Location Rated
- a product of ecomagination™

**Ordering Information:**

<table>
<thead>
<tr>
<th>FAMILY</th>
<th>PRODUCT FAMILY</th>
<th>FIXTURE TYPE</th>
<th>GENERATION</th>
<th>VOLTAGE</th>
<th>NOMINAL LUMENS</th>
<th>DISTRIBUTION</th>
<th>CRI</th>
<th>CCT</th>
<th>DIMMING CONTROLS</th>
<th>MOUNTING</th>
<th>FINISH</th>
<th>DIFFUSER</th>
<th>OPTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>L = Indoor</td>
<td>TM = Track Light Mini</td>
<td>HD = Horizontal Driver Box</td>
<td>VD = Vertical Driver Box</td>
<td>1 = 120V</td>
<td>05 = 560 Lumens*</td>
<td>SP = Spot, NF = Narrow Flood, FL = Flood, WF = Wide Flood</td>
<td>8 = 80 CRI</td>
<td>WW = Whiter White 2850K, ** Whiter White only with 95 CRI</td>
<td>P = Phase Dimming</td>
<td>Q = none</td>
<td>G1 = Global, J1 = Juno, L1 = Lightolier, 1-Circuit</td>
<td>WHITE = White, BLCK = Black, SLVR = Silver</td>
<td>DXX = none, D03 = 3.5 Diffuser, D05 = 5 Diffuser, D07 = 7.5 Diffuser, D10 = 10 Diffuser, D20 = 20 Diffuser, DL6 = 60x10 Diffuser, DL3 = 30x3 Diffuser, HX = Hexcel, SN = Snoot, HS = Snoot + Hexcel</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LUMENS (lm)</th>
<th>WATTAGE (W)</th>
<th>LPW</th>
</tr>
</thead>
<tbody>
<tr>
<td>Std White 1</td>
<td>950</td>
<td>10.2</td>
</tr>
<tr>
<td>Std White 2</td>
<td>1150</td>
<td>13.4</td>
</tr>
<tr>
<td>Std White 3</td>
<td>1375</td>
<td>18.5</td>
</tr>
<tr>
<td>Whiter White 1</td>
<td>560</td>
<td>9.5</td>
</tr>
<tr>
<td>Whiter White 2</td>
<td>700</td>
<td>12.7</td>
</tr>
<tr>
<td>Whiter White 3</td>
<td>900</td>
<td>17.7</td>
</tr>
</tbody>
</table>
**Lumination™ LED Luminaires**

**Standard LED Conversion Table**

Lumen and CBCP output varies based on Wattage, CCT and CRI. Table below is based on 18.5W, 3000K, 80 CRI fixture. To estimate lumen and CBCP output of other combinations, multiply photometric data by factors below.

<table>
<thead>
<tr>
<th>Wattage</th>
<th>827</th>
<th>830</th>
<th>835</th>
<th>840</th>
<th>927</th>
<th>930</th>
<th>935</th>
<th>940</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.2W</td>
<td>0.65</td>
<td>0.69</td>
<td>0.71</td>
<td>0.72</td>
<td>0.55</td>
<td>0.57</td>
<td>0.59</td>
<td>0.6</td>
</tr>
<tr>
<td>13.4W</td>
<td>0.79</td>
<td>0.84</td>
<td>0.86</td>
<td>0.88</td>
<td>0.67</td>
<td>0.7</td>
<td>0.71</td>
<td>0.73</td>
</tr>
<tr>
<td>18.5W</td>
<td>0.95</td>
<td>1</td>
<td>1.03</td>
<td>1.05</td>
<td>0.8</td>
<td>0.83</td>
<td>0.85</td>
<td>0.87</td>
</tr>
</tbody>
</table>

**Photometric Data: LTM Series - Track Mini LED Track Light**

**Standard White**

**18.5 Watt - 1375 Lumen**

- **Spot Distribution - 16° Beam**
  - **CANDLEPOWER SUMMARY**
    - | Angle | Candela |
    - | 0     | 12763   |
    - | 5     | 10135   |
    - | 15    | 1103    |
    - | 25    | 106     |
    - | 35    | 65      |
    - | 45    | 27      |
    - | 55    | 16      |
  - **CONE OF LIGHT**
  - **POLAR CHART**

**18.5 Watt - 1375 Lumen**

- **Narrow Flood Distribution - 20° Beam**
  - **CANDLEPOWER SUMMARY**
    - | Angle | Candela |
    - | 0     | 9289.5  |
    - | 5     | 7338.4  |
    - | 15    | 1539.4  |
    - | 25    | 195.7   |
    - | 35    | 80      |
    - | 45    | 40.4    |
    - | 55    | 22.2    |
  - **CONE OF LIGHT**
  - **POLAR CHART**

**18.5 Watt - 1375 Lumen**

- **Flood Distribution - 25° Beam**
  - **CANDLEPOWER SUMMARY**
    - | Angle | Candela |
    - | 0     | 5097    |
    - | 5     | 4831    |
    - | 15    | 2386    |
    - | 25    | 657     |
    - | 35    | 141     |
    - | 45    | 62      |
    - | 55    | 31      |
  - **CONE OF LIGHT**
  - **POLAR CHART**

**18.5 Watt - 1375 Lumen**

- **Wide Flood Distribution - 35° Beam**
  - **CANDLEPOWER SUMMARY**
    - | Angle | Candela |
    - | 0     | 2456    |
    - | 5     | 2397    |
    - | 15    | 1719    |
    - | 25    | 618     |
    - | 35    | 170     |
    - | 45    | 58      |
    - | 55    | 28      |
  - **CONE OF LIGHT**
  - **POLAR CHART**
Lumination™ LED Luminaires
Whiter White LED Conversion Table

Photometric Data: LTM Series - Track Mini LED Track Light

### Whiter White

#### 17.7 Watt - 900 Lumen
- **Spot Distribution - 15° Beam**
- **Narrow Flood Distribution - 18° Beam**
- **Flood Distribution - 25° Beam**
- **Wide Flood Distribution - 35° Beam**

### CANDLEPOWER SUMMARY

<table>
<thead>
<tr>
<th>Angle</th>
<th>Candela</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>9122</td>
</tr>
<tr>
<td>5</td>
<td>7421</td>
</tr>
<tr>
<td>15</td>
<td>947</td>
</tr>
<tr>
<td>25</td>
<td>92</td>
</tr>
<tr>
<td>35</td>
<td>55</td>
</tr>
<tr>
<td>45</td>
<td>26</td>
</tr>
<tr>
<td>55</td>
<td>15</td>
</tr>
</tbody>
</table>

### CONE OF LIGHT

#### Angle | Candela | Height | fc | Dia. (ft.)
--- | ------- | ------ | --- | ------
0   | 9122    | 6     | 253 | 1.7    |
5   | 7421    | 8     | 143 | 2.2    |
15  | 947     | 10    | 91  | 2.8    |
25  | 92      | 12    | 63  | 3.3    |
35  | 55      | 14    | 47  | 3.9    |
45  | 26      | 16    | 36  | 4.4    |
55  | 15      | 18    | 26  | 4.8    |

### POLAR CHART

#### 17.7 Watt - 900 Lumen

- **Flood Distribution - 25° Beam**
- **Wide Flood Distribution - 35° Beam**

### CANDLEPOWER SUMMARY

<table>
<thead>
<tr>
<th>Wattage</th>
<th>Whiter White</th>
</tr>
</thead>
<tbody>
<tr>
<td>9.5W</td>
<td>0.62</td>
</tr>
<tr>
<td>12.7W</td>
<td>0.78</td>
</tr>
<tr>
<td>17.7W</td>
<td>1</td>
</tr>
</tbody>
</table>

Lumen and CBCP output varies based on Wattage. Table below is based on 17.7W, Whiter White fixture. To estimate lumen and CBCP output of other combinations, multiply photometric data by factors below.
Accessibility: Lumination™ LTM Series

<table>
<thead>
<tr>
<th>Material</th>
<th>Description Code</th>
<th>Product Descriptions</th>
</tr>
</thead>
<tbody>
<tr>
<td>93026378</td>
<td>LTMDF035</td>
<td>LTM 3.5° Diffuser</td>
</tr>
<tr>
<td>93026529</td>
<td>LTMDF05</td>
<td>LTM 5° Diffuser</td>
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<tr>
<td>93026530</td>
<td>LTMDF075</td>
<td>LTM 7.5° Diffuser</td>
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<tr>
<td>93026901</td>
<td>LTMDF10</td>
<td>LTM 10° Diffuser</td>
</tr>
<tr>
<td>93026902</td>
<td>LTMDF20</td>
<td>LTM 20° Diffuser</td>
</tr>
<tr>
<td>93026903</td>
<td>LTMDF30</td>
<td>LTM 30° Diffuser</td>
</tr>
<tr>
<td>93026904</td>
<td>LTMDF6010</td>
<td>LTM 60x10° Linear Spreader</td>
</tr>
<tr>
<td>93026905</td>
<td>LTMDF303</td>
<td>LTM 30x3° Linear Spreader</td>
</tr>
<tr>
<td>93026697</td>
<td>LTMSNWHTE</td>
<td>LTM White Snoot</td>
</tr>
<tr>
<td>93026906</td>
<td>LTMSNBLCK</td>
<td>LTM Black Snoot</td>
</tr>
<tr>
<td>95019410</td>
<td>LTMSNSLVR</td>
<td>LTM Silver Snoot</td>
</tr>
<tr>
<td>93026696</td>
<td>LTMHX</td>
<td>LTM Hexcel Louver</td>
</tr>
</tbody>
</table>

Product Specifications:

**Construction:**
- Die-cast and precision machined head
- 2-piece precision, rigid plastic driver compartment
- Textured powder coat finish
- Nylon lock washer firmly sets aiming angle

**Installation:**
- Track adapters easily twist into track systems for quick installation
- Compatible with several brands of track systems

**Weight:**
- Vertical Driver Fixture @ 1.08 lbs
- Horizontal Driver Fixture @ 1.25 lbs

**Optical System:**
- Precision designed reflectors and diffusers for optimal efficiency
- Custom designed spot optical system optimizes CBCP

**Electrical System:**
- Integrated, high-efficiency LED driver
- Power factor > 0.9

For more information and access to all of our resources, including our design tool visit: [www.geflighting.com](http://www.geflighting.com)