ELP CL
COLOR LED ELLIPSOIDAL LIGHT FIXTURE

HIGHLIGHTS

• Impressive light output
  Class-leading output rating of 6,900 lumens (in High Output mode)

• Superior CRI rating
  CRI rating of 90 (in High Quality mode)

• Revolutionary focus and functionality
  Industry’s first gear-driven Fine Focus, Fast Focus for data-free focusing and more

• Compatible with universal accessories
  Use industry standard lens tubes, gel frames, gobo holders and rotators

OVERVIEW

Martin ELP CL (Color) LED ellipsoid fixtures deliver class-leading luminance, output and great color mixing from pastels to saturated colors. Ergonomic Danish engineering offers advances in lighting functionality that include the easy-to-use gear-based Fine Focus—an industry first—and on-board Fast Focus, which allows focusing of the fixture without the need of DMX data. ELP also offers 16-bit dimming with 4 selectable curves and 26 color presets that match industry-standard color filters.

ELP fixtures can be configured in black or white with one of four Martin fixed lens tubes (19°, 26°, 36° or 50° beam angles) or one of two Martin zoom lens tubes (15–30° or 25–50° beam angles). ELP fixtures are also compatible with third-party lens tubes and a wide range of accessories, including gel frames and gobos for flexibility in lighting design and inventory management.

Superior output, optics and quality, combined with unparalleled ease-of-use and convenience, make Martin ELP the leading LED ellipsoidal fixtures in their class.

KEY MESSAGES

ADVANCED MARTIN OPTICS
Martin ELP ellipsoids feature optic assemblies designed in Denmark by the technology innovators behind MAC Encore, the leading LED moving light. The ELP is designed to maximize efficiency and deliver a flat field of illumination for smoother blending and mixing between fixtures.

CUTTING-EDGE LED TECHNOLOGY
ELP CL offers an impressive 6,900 lumens and 85 CRI in High Output mode, and 5,900 lumens and 90 CRI in High Quality mode, with a color temperature of 6,000K (open white). ELP ellipsoids also offer flicker-free operation for consistent light output—on and off camera—and 16-bit dimming with 4 selectable curves.

FOCUS ON FUNCTIONALITY
ELP takes a classic light fixture to new performance levels with a suite of innovative features. Our gear-based Fine Focus adjustment—an industry first—lets you lock focus exactly where you want it, instantly.

There’s no refocusing, no drifting and no slipping. Our innovative Fast Focus feature brings the fixture to full output for 60 seconds without data running to the fixture. Halation color correction removes atypical blue and brown halos when using Martin lens tubes.

ERGONOMIC DESIGN
Danish engineering is all about efficiency and ergonomics, and the subtle details of ELP are no exception: We’ve placed the center of gravity as close to the yoke as possible, for more comfortable operation. And, we’ve placed tilt knobs out of the way of framing shutters, to allow quick, easy position adjustments.

INVEST IN THE FUTURE, WITH A MINIMAL FINANCIAL INVESTMENT
It has never been easier to transition your inventory to LED ellipsoidal. In addition to the six lens tube configurations available through Martin, the ELP line fits common third-party lens tubes and accessories—which means you can save money by using your existing gel frames, gobo holders and rotators and lens tubes.
ELP CL
COLOR LED ELLIPSOIDAL LIGHT FIXTURE

FEATURES

• Color mixing ellipsoidal fixture based on 91 LEDs (RGBLA)
• Flat, even field with broad color spectrum
• Outputs 6,900 lumens (in High Output mode)
• CRI rating of 90 (in High Quality mode)
• Flicker-free operation with adjustable Pulse Width Modulation
• 16-bit dimming with 4 selectable curves
• 26 color presets that match industry-standard color filters
• Gear-driven Fine Focus for one-hand operation
• On-board Fast Focus for focusing without the need of DMX data
• On-board stand-alone programming with up to 20 scenes
• Up to 9 fixtures can be linked via PowerCon Thru connector
• High-resolution OLED display for easy on-board setting and configuration
• Four available Martin fixed lens tubes (19°, 26°, 36° and 50° beam angles) and two available Martin zoom lens tubes (15–30° and 25–50° beam angles)
• Compatible with universal accessories—use existing lens tubes, gel frames, gobo holders and rotators

ORDERING INFORMATION

BODY & LENS TUBES

• Martin ELP CL (Body Only): P/N 9045107780
• Martin ELP CL (Body Only), White: P/N 9045115164
• Martin ELP Lens Tube 19°: P/N 9045107782
• Martin ELP Lens Tube 19°, White: P/N 9045115166
• Martin ELP Lens Tube 26°: P/N 9045107783
• Martin ELP Lens Tube 26°, White: P/N 9045115167
• Martin ELP Lens Tube 36°: P/N 9045107784
• Martin ELP Lens Tube 36°, White: P/N 9045115168
• Martin ELP Lens Tube 50°: P/N 9045107785
• Martin ELP Lens Tube 50°, White: P/N 9045115170
• Martin ELP Zoom Lens Tube 15–30°: P/N 9045121618
• Martin ELP Zoom Lens Tube 15–30°, White: P/N 9045122108
• Martin ELP Zoom Lens Tube 25–50°: P/N 9045121619
• Martin ELP Zoom Lens Tube 25–50°, White: P/N 9045122109

RELATED ITEMS

• Martin RDM 5.5 Splitter: P/N 90758150
• Martin Companion Cable: P/N 91616091

ACCESSORIES

Cables (16 A, for connection to power in chains):

• Power input cable, H07RN-F, 2.5 mm², 14 AWG, bare ends to Neutrik TRUE1 NAC3MX-W (male), 1.5 m (4.9 ft.): P/N 91611797
• Power input cable, H07RN-F, 2.5 mm², 14 AWG, bare ends to Neutrik TRUE1 NAC3FX-W (female), 5 m (16.4 ft.): P/N 91611786
• Link Cable, H07RN-F Neutrik TRUE1-TRUE1 0.45 m (1.5 ft.): P/N 91611784
• Link Cable, H07RN-F Neutrik TRUE1-TRUE1 1.2 m (3.9 ft.): P/N 91611785
• Link Cable, H07RN-F Neutrik TRUE1-TRUE1 2.5 m (8.2 ft.): P/N 91611796

Power Connectors

• Neutrik PowerCON TRUE1 NAC3MX-W (male): P/N 91611788
• Neutrik PowerCON TRUE1 NAC3FX-W (female): P/N 91611789
## TECHNICAL SPECIFICATIONS

### DYNAMIC EFFECTS
- **Color mixing:** RBGWA
- **Color temperature range:** 2000–6500K
- **Color selection:** 26 color presets
- **Electronic dimming:** 0–100%
- **Strobe and pulse effect:** Variable speed and action, random strobe
- **Electronic ‘shutter’ effect:** Instant open and blackout
- **Electronic dimming:** Four dimming curve options

### CONTROL & PROGRAMMING
- **DMX channels:** 1/10/17
- **16-bit control:** Intensity, CTC, RGBWA
- **Control options:** DMX, stand-alone
- **PWM:** 600–2400 Hz
- **Setting and addressing:** Control panel with OLED display or via RDM
- **Stand-alone programming:** Control panel with OLED display
- **DMX compliance:** USITT DMX512-A
- **RDM compliance:** ANSI/ESDA E1.20
- **Transceiver:** Opto-isolated RS-485

### OPTICS
- **Light source:** 91 x RGBAL Luxeon Rebel LEDs
- **Color temperature:** 2000–6500K
- **Fixed Lens Tube Options:** 15°, 25°, 35° and 50°
- **Zoom Lens Tube Options:** 15–30° and 25–50°
- **Minimum LED lifetime:** 30,000 hours (to >70% luminous output)

### PHOTOMETRIC DATA (HIGH QUALITY MODE @ 6000K)
- **Light engine luminous output:** 20000 lumen
- **Fixture luminous output:** 5900 lumen
- **CRI (Color Rendering Index):** >90
- **CQS (Color Quality Scale):** >87
- **TM-30-R (IES TM-30-15 Fidelity Index):** >84
- **TM-30-Rg (IES TM-30-15 Gamut Index):** >106
- **TLCI (Television Lighting Consistency Index):** >87

### PHOTOMETRIC DATA (HIGH OUTPUT MODE @ 5500K)
- **Light engine luminous output:** 20000 lumen
- **Fixture luminous output:** 6900 lumen
- **CRI (Color Rendering Index):** >85
- **CQS (Color Quality Scale):** >90
- **TM-30-R (IES TM-30-15 Fidelity Index):** >84
- **TM-30-Rg (IES TM-30-15 Gamut Index):** >111
- **TLCI (Television Lighting Consistency Index):** >85

### THERMAL
- **Cooling:** Forced air (temperature-regulated, low noise)
- **Maximum ambient temperature (Ta max.):** 40° C (104° F)
- **Minimum ambient temperature (Ta min.):** 0° C (32° F)
- **Total heat dissipation (calculated, +/-10%, at full intensity, full white):** 1000 BTU/hr.

### APPROVALS
- **EU safety:** EN 60598-2-17 (EN 60598-1), EN 62471, EN 62493
- **EU EMC:** EN 55015, EN 55032, EN 61000-3-2/3
- **US safety:** UL 1573
- **US EMC:** FCC Part 15 Class B
- **Canadian safety:** CSA C22.2 No. 166
- **Canadian EMC:** IEC-60065 Class B, IEC-60601-1 3rd Edition

### INCLUDED ITEMS
- Power input cable (0.75mm², 18 AWG), bare ends to Neutrik TRUE1 NAC3FX-W (female), 1.5 m (4.9 ft.)
- Mounting bracket
- User manual

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**Martín®**

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Features, specifications, and appearance are subject to change without notice. Rev. 200303
## FIXED LENS PROJECTION DATA (HIGH OUTPUT MODE)

### 19° LENS TUBE

Center beam intensity: 78988 candela

<table>
<thead>
<tr>
<th>Distance meter (ft.)</th>
<th>4 (13.1)</th>
<th>6 (19.7)</th>
<th>8 (26.2)</th>
<th>10 (32.8)</th>
<th>12 (39.4)</th>
<th>14 (45.9)</th>
<th>16 (52.5)</th>
<th>18 (59)</th>
<th>20 (65.6)</th>
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</thead>
<tbody>
<tr>
<td>Field-angle diameter meter (ft.)</td>
<td>1.5 (4.91)</td>
<td>2.2 (7.4)</td>
<td>3.0 (9.18)</td>
<td>3.7 (11.23)</td>
<td>4.5 (14.7)</td>
<td>5.2 (17.2)</td>
<td>6.0 (19.6)</td>
<td>6.7 (22.1)</td>
<td>7.5 (24.6)</td>
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<tr>
<td>Center illuminance (lux)</td>
<td>4937</td>
<td>2194</td>
<td>1234</td>
<td>790</td>
<td>549</td>
<td>403</td>
<td>309</td>
<td>244</td>
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<tr>
<td>Center illuminance (candela)</td>
<td>459</td>
<td>204</td>
<td>115</td>
<td>73</td>
<td>51</td>
<td>37</td>
<td>29</td>
<td>23</td>
<td>18</td>
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For field diameter at any distance, multiply distance by 0.37

### 26° LENS TUBE

Center beam intensity: 57526 candela

<table>
<thead>
<tr>
<th>Distance meter (ft.)</th>
<th>4 (13.1)</th>
<th>6 (19.7)</th>
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<th>14 (45.9)</th>
<th>16 (52.5)</th>
<th>18 (59)</th>
<th>20 (65.6)</th>
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<tbody>
<tr>
<td>Field-angle diameter meter (ft.)</td>
<td>1.8 (5.8)</td>
<td>2.7 (8.8)</td>
<td>3.6 (11.7)</td>
<td>4.5 (14.6)</td>
<td>5.3 (17.5)</td>
<td>6.2 (20.4)</td>
<td>7.1 (23.4)</td>
<td>8.0 (26.3)</td>
<td>8.9 (29.2)</td>
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<tr>
<td>Center illuminance (lux)</td>
<td>3595</td>
<td>1598</td>
<td>899</td>
<td>575</td>
<td>399</td>
<td>294</td>
<td>225</td>
<td>178</td>
<td>144</td>
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<tr>
<td>Center illuminance (candela)</td>
<td>334</td>
<td>148</td>
<td>84</td>
<td>53</td>
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<td>27</td>
<td>21</td>
<td>16</td>
<td>13</td>
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For field diameter at any distance, multiply distance by 0.45

### 36° LENS TUBE

Center beam intensity: 30439 candela

<table>
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<th>Distance meter (ft.)</th>
<th>4 (13.1)</th>
<th>6 (19.7)</th>
<th>8 (26.2)</th>
<th>10 (32.8)</th>
<th>12 (39.4)</th>
<th>14 (45.9)</th>
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<th>18 (59)</th>
<th>20 (65.6)</th>
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<tr>
<td>Field-angle diameter meter (ft.)</td>
<td>2.6 (8.4)</td>
<td>3.9 (12.6)</td>
<td>5.1 (16.1)</td>
<td>6.4 (21.1)</td>
<td>7.7 (25.3)</td>
<td>9.0 (29.5)</td>
<td>10.3 (33.7)</td>
<td>11.6 (37.9)</td>
<td>12.8 (42.1)</td>
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<tr>
<td>Center illuminance (lux)</td>
<td>1902</td>
<td>846</td>
<td>476</td>
<td>304</td>
<td>211</td>
<td>155</td>
<td>119</td>
<td>94</td>
<td>76</td>
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<tr>
<td>Center illuminance (candela)</td>
<td>177</td>
<td>79</td>
<td>44</td>
<td>28</td>
<td>20</td>
<td>14</td>
<td>11</td>
<td>9</td>
<td>7</td>
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For field diameter at any distance, multiply distance by 0.64

### 50° LENS TUBE

Center beam intensity: 14666 candela

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<th>6 (19.7)</th>
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<th>14 (45.9)</th>
<th>16 (52.5)</th>
<th>18 (59)</th>
<th>20 (65.6)</th>
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</thead>
<tbody>
<tr>
<td>Field-angle diameter meter (ft.)</td>
<td>3.9 (12.8)</td>
<td>5.8 (19.2)</td>
<td>7.8 (25.5)</td>
<td>9.7 (31.9)</td>
<td>11.7 (38.3)</td>
<td>13.6 (44.7)</td>
<td>15.6 (51.1)</td>
<td>17.5 (57.5)</td>
<td>19.5 (57.5)</td>
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<tr>
<td>Center illuminance (lux)</td>
<td>917</td>
<td>407</td>
<td>229</td>
<td>147</td>
<td>102</td>
<td>75</td>
<td>57</td>
<td>45</td>
<td>45</td>
</tr>
<tr>
<td>Center illuminance (candela)</td>
<td>85</td>
<td>38</td>
<td>21</td>
<td>14</td>
<td>9</td>
<td>7</td>
<td>5</td>
<td>4</td>
<td>4</td>
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</tbody>
</table>

For center illuminance at any distance, divide center beam intensity with distance in square (meter for lux, feet for candela)

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**For center illuminance at any distance, divide center beam intensity with distance in square (meter for lux, feet for candela)**
## Fixed Lens Projection Data (High Quality Mode)

### 19° Lens Tube

Center beam intensity: 66889 candela

<table>
<thead>
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<th>Distance meter (ft.)</th>
<th>4 (13.1)</th>
<th>6 (19.7)</th>
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<tbody>
<tr>
<td>Field-angle diameter meter (ft.)</td>
<td>1.5 (4.9)</td>
<td>2.2 (7.4)</td>
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<td>3.7 (12.3)</td>
<td>4.5 (14.7)</td>
<td>5.2 (17.2)</td>
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<td>7.5 (23.9)</td>
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<tr>
<td>Center illuminance (lux)</td>
<td>4148</td>
<td>1852</td>
<td>1042</td>
<td>647</td>
<td>463</td>
<td>340</td>
<td>261</td>
<td>206</td>
<td>167</td>
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<tr>
<td>Center illuminance (candela)</td>
<td>387</td>
<td>172</td>
<td>97</td>
<td>62</td>
<td>43</td>
<td>32</td>
<td>24</td>
<td>19</td>
<td>15</td>
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For field diameter at any distance, multiply distance by 0.37

### 26° Lens Tube

Center beam intensity: 48559 candela

<table>
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<tr>
<th>Distance meter (ft.)</th>
<th>4 (13.1)</th>
<th>6 (19.7)</th>
<th>8 (26.2)</th>
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<tr>
<td>Field-angle diameter meter (ft.)</td>
<td>1.8 (5.8)</td>
<td>2.7 (8.8)</td>
<td>3.6 (11.7)</td>
<td>4.5 (14.6)</td>
<td>5.3 (17.5)</td>
<td>6.2 (20.4)</td>
<td>7.1 (23.4)</td>
<td>8.0 (26.3)</td>
<td>8.9 (29.2)</td>
</tr>
<tr>
<td>Center illuminance (lux)</td>
<td>3035</td>
<td>1349</td>
<td>759</td>
<td>486</td>
<td>337</td>
<td>248</td>
<td>190</td>
<td>150</td>
<td>121</td>
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<tr>
<td>Center illuminance (candela)</td>
<td>282</td>
<td>125</td>
<td>70</td>
<td>45</td>
<td>31</td>
<td>23</td>
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<td>11</td>
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For field diameter at any distance, multiply distance by 0.45

### 36° Lens Tube

Center beam intensity: 25554 candela

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<th>Distance meter (ft.)</th>
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<tbody>
<tr>
<td>Field-angle diameter meter (ft.)</td>
<td>2.6 (8.4)</td>
<td>3.9 (12.6)</td>
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<td>6.4 (21.1)</td>
<td>7.7 (25.3)</td>
<td>9.0 (29.5)</td>
<td>10.3 (33.7)</td>
<td>11.6 (37.9)</td>
<td>12.8 (42.1)</td>
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<tr>
<td>Center illuminance (lux)</td>
<td>1597</td>
<td>710</td>
<td>399</td>
<td>256</td>
<td>177</td>
<td>130</td>
<td>100</td>
<td>79</td>
<td>64</td>
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<tr>
<td>Center illuminance (candela)</td>
<td>148</td>
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<td>12</td>
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<td>7</td>
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For field diameter at any distance, multiply distance by 0.64

### 50° Lens Tube

Center beam intensity: 12393 candela

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<th>Distance meter (ft.)</th>
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<th>16 (52.5)</th>
<th>18 (59)</th>
<th>20 (65.6)</th>
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<tbody>
<tr>
<td>Field-angle diameter meter (ft.)</td>
<td>3.9 (12.8)</td>
<td>5.8 (19.2)</td>
<td>7.8 (25.5)</td>
<td>9.7 (31.9)</td>
<td>11.7 (38.3)</td>
<td>13.6 (44.7)</td>
<td>15.6 (51.1)</td>
<td>17.5 (57.5)</td>
<td>19.5 (63.9)</td>
</tr>
<tr>
<td>Center illuminance (lux)</td>
<td>775</td>
<td>344</td>
<td>194</td>
<td>124</td>
<td>86</td>
<td>63</td>
<td>48</td>
<td>38</td>
<td>31</td>
</tr>
<tr>
<td>Center illuminance (candela)</td>
<td>72</td>
<td>32</td>
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<td>12</td>
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<td>6</td>
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<td>3</td>
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For field diameter at any distance, multiply distance by 0.97

For center illuminance at any distance, divide center beam intensity with distance in square (meter for lux, feet for candela)
## ZOOM LENS PROJECTION DATA (HIGH OUTPUT MODE/15–30°)

### 15–30° ZOOM LENS TUBE

#### NARROW BEAM

<table>
<thead>
<tr>
<th>Distance meter (ft.)</th>
<th>4 (13.1)</th>
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<th>10 (32.8)</th>
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<th>14 (45.9)</th>
<th>16 (52.5)</th>
<th>18 (59)</th>
<th>20 (65.6)</th>
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<tr>
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<td>1.2 (3.67)</td>
<td>1.5 (4.57)</td>
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<td>2.1 (6.35)</td>
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<td>3.3 (10.0)</td>
<td>3.6 (10.9)</td>
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<td>Center illuminance (lux)</td>
<td>6806</td>
<td>3025</td>
<td>1701</td>
<td>1089</td>
<td>756</td>
<td>556</td>
<td>425</td>
<td>336</td>
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<tr>
<td>Center illuminance (candela)</td>
<td>632</td>
<td>281</td>
<td>158</td>
<td>101</td>
<td>70</td>
<td>52</td>
<td>40</td>
<td>31</td>
<td>25</td>
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For field diameter at any distance, multiply distance by 0.3

#### MEDIUM BEAM

<table>
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<th>4 (13.1)</th>
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<th>12 (39.4)</th>
<th>14 (45.9)</th>
<th>16 (52.5)</th>
<th>18 (59)</th>
<th>20 (65.6)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Field-angle diameter meter (ft.)</td>
<td>1.6 (4.88)</td>
<td>2.4 (7.32)</td>
<td>3.2 (9.75)</td>
<td>4 (12.19)</td>
<td>4.8 (14.63)</td>
<td>5.6 (16.9)</td>
<td>6.4 (19.3)</td>
<td>7.2 (21.7)</td>
<td>8 (24.3)</td>
</tr>
<tr>
<td>Center illuminance (lux)</td>
<td>3869</td>
<td>1720</td>
<td>947</td>
<td>619</td>
<td>430</td>
<td>316</td>
<td>242</td>
<td>191</td>
<td>155</td>
</tr>
<tr>
<td>Center illuminance (candela)</td>
<td>360</td>
<td>160</td>
<td>90</td>
<td>58</td>
<td>40</td>
<td>29</td>
<td>23</td>
<td>18</td>
<td>14</td>
</tr>
</tbody>
</table>

For field diameter at any distance, multiply distance by 0.4

#### WIDE BEAM

<table>
<thead>
<tr>
<th>Distance meter (ft.)</th>
<th>4 (13.1)</th>
<th>6 (19.7)</th>
<th>8 (26.2)</th>
<th>10 (32.8)</th>
<th>12 (39.4)</th>
<th>14 (45.9)</th>
<th>16 (52.5)</th>
<th>18 (59)</th>
<th>20 (65.6)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Field-angle diameter meter (ft.)</td>
<td>2 (0.61)</td>
<td>3 (0.91)</td>
<td>4 (1.22)</td>
<td>5 (1.52)</td>
<td>6 (1.83)</td>
<td>7 (2.14)</td>
<td>8 (2.45)</td>
<td>9 (2.76)</td>
<td>10 (3.07)</td>
</tr>
<tr>
<td>Center illuminance (lux)</td>
<td>2472</td>
<td>1099</td>
<td>618</td>
<td>395</td>
<td>275</td>
<td>202</td>
<td>154</td>
<td>122</td>
<td>99</td>
</tr>
<tr>
<td>Center illuminance (candela)</td>
<td>230</td>
<td>102</td>
<td>57</td>
<td>37</td>
<td>26</td>
<td>19</td>
<td>14</td>
<td>11</td>
<td>9</td>
</tr>
</tbody>
</table>

For field diameter at any distance, multiply distance by 0.5

---

For center illuminance at any distance, divide center beam intensity with distance in square (meter for lux, feet for candela)
# ELP CL

**COLOR LED ELLIPSOIDAL LIGHT FIXTURE**

## ZOOM LENS PROJECTION DATA (HIGH OUTPUT MODE/25–50°)

### 25–50° ZOOM LENS TUBE

#### NARROW BEAM

Center beam intensity: 62561 candela

<table>
<thead>
<tr>
<th>Distance meter (ft.)</th>
<th>4 (13.1)</th>
<th>6 (19.7)</th>
<th>8 (26.2)</th>
<th>10 (32.8)</th>
<th>12 (39.4)</th>
<th>14 (45.9)</th>
<th>16 (52.5)</th>
<th>18 (59)</th>
<th>20 (65.6)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Field-angle diameter meter (ft.)</td>
<td>1.6 (5.24)</td>
<td>2.4 (7.88)</td>
<td>3.2 (10.68)</td>
<td>4 (13.12)</td>
<td>4.8 (15.76)</td>
<td>6.4 (21)</td>
<td>6.4 (21)</td>
<td>7.2 (23.6)</td>
<td>8 (26.24)</td>
</tr>
<tr>
<td>Center illuminance (lux)</td>
<td>3910</td>
<td>1738</td>
<td>978</td>
<td>626</td>
<td>434</td>
<td>319</td>
<td>244</td>
<td>193</td>
<td>156</td>
</tr>
<tr>
<td>Center illuminance (candela)</td>
<td>363</td>
<td>141</td>
<td>91</td>
<td>58</td>
<td>40</td>
<td>30</td>
<td>23</td>
<td>18</td>
<td>15</td>
</tr>
</tbody>
</table>

For field diameter at any distance, multiply distance by 0.4

#### MEDIUM BEAM

Center beam intensity: 40507 candela

<table>
<thead>
<tr>
<th>Distance meter (ft.)</th>
<th>4 (13.1)</th>
<th>6 (19.7)</th>
<th>8 (26.2)</th>
<th>10 (32.8)</th>
<th>12 (39.4)</th>
<th>14 (45.9)</th>
<th>16 (52.5)</th>
<th>18 (59)</th>
<th>20 (65.6)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Field-angle diameter meter (ft.)</td>
<td>2 (6.55)</td>
<td>3 (9.85)</td>
<td>4 (13.1)</td>
<td>5 (16.4)</td>
<td>6 (19.7)</td>
<td>7 (22.9)</td>
<td>8 (26.25)</td>
<td>9 (29.5)</td>
<td>10 (32.8)</td>
</tr>
<tr>
<td>Center illuminance (lux)</td>
<td>2532</td>
<td>1125</td>
<td>633</td>
<td>405</td>
<td>281</td>
<td>207</td>
<td>158</td>
<td>125</td>
<td>101</td>
</tr>
<tr>
<td>Center illuminance (candela)</td>
<td>235</td>
<td>105</td>
<td>59</td>
<td>38</td>
<td>26</td>
<td>19</td>
<td>15</td>
<td>12</td>
<td>9</td>
</tr>
</tbody>
</table>

For field diameter at any distance, multiply distance by 0.5

#### WIDE BEAM

Center beam intensity: 23981 candela

<table>
<thead>
<tr>
<th>Distance meter (ft.)</th>
<th>4 (13.1)</th>
<th>6 (19.7)</th>
<th>8 (26.2)</th>
<th>10 (32.8)</th>
<th>12 (39.4)</th>
<th>14 (45.9)</th>
<th>16 (52.5)</th>
<th>18 (59)</th>
<th>20 (65.6)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Field-angle diameter meter (ft.)</td>
<td>2.8 (9.17)</td>
<td>4.2 (13.79)</td>
<td>5.6 (18.34)</td>
<td>7 (22.96)</td>
<td>8.4 (27.58)</td>
<td>9.8 (32.13)</td>
<td>11.2 (36.75)</td>
<td>12.6 (41.3)</td>
<td>14 (45.92)</td>
</tr>
<tr>
<td>Center illuminance (lux)</td>
<td>1499</td>
<td>666</td>
<td>375</td>
<td>240</td>
<td>167</td>
<td>122</td>
<td>94</td>
<td>74</td>
<td>60</td>
</tr>
<tr>
<td>Center illuminance (candela)</td>
<td>139</td>
<td>62</td>
<td>35</td>
<td>22</td>
<td>16</td>
<td>11</td>
<td>9</td>
<td>7</td>
<td>6</td>
</tr>
</tbody>
</table>

For field diameter at any distance, multiply distance by 0.7

---

For center illuminance at any distance, divide center beam intensity with distance in square (meter for lux, feet for candela)
ELP CL
COLOR LED ELLIPSOIDAL LIGHT FIXTURE

DIMENSIONS (BODY & FIXED LENSES)

PHYSICAL

Length.......................................................... 648 mm (25.5 in.)
Width............................................................ 259 mm (10.2 in.)
Height............................................................ 254 mm (10 in.)
Weight........................................................... 7.7 kg (17 lb)

All measurements in mm
ELP CL
COLOR LED ELLIPSOIDAL LIGHT FIXTURE

DIMENSIONS (ZOOM LENSES)

PHYSICAL (15–30° ZOOM LENS)
Length: 456.4 mm (17.96 in.)
Width: 254.4 mm (10.02 in.)
Height: 254.5 mm (10.02 in.)
Weight: 6 kg (13.2 lb)

PHYSICAL (25–50° ZOOM LENS)
Length: 446.9 mm (17.6 in.)
Width: 254.3 mm (10.01 in.)
Height: 254.3 mm (10.01 in.)
Weight: 6 kg (13.2 lb)

All measurements in mm