

CTL9053

Eclipse Curve Series 120V 20W LED Track Fixture

Specifications/Features

Fixture

Small scale, 20W LED Cylinder Track Fixture delivering up to 2123 lumens. Constructed of extruded and machined aluminum, the heat-sink and integrated driver housing provide a sleek modern look, designed to quietly compliment any space. Dimming is standard. Precision aiming adjustment. 315° aiming horizontal rotation, 90° vertical rotation. Integral ON/OFF switch and track polarity indicator are standard.

Lamp

Light engine consists of a single, high lumen output multi-chip LED array. Available in the following color temperatures:

- 2700K; 90+ CRI
- 3000K; 90+ CRI
- 3500K; 90+ CRI
- 4000K; 90+ CRI

Excellent fixture to fixture color consistency within a 2-step MacAdam Ellipse tolerance.

Available in Medium (21°), Flood (37°), and Wide Flood (57°) beam distributions. Each molded TIR optic has been optically engineered to provide a smooth uniform beam, maximizing output and minimizing glare. System designed and rated for 50,000 hours at 70% lumen maintenance.

Electrical

Driver Specifications:

- Input Wattage: 20W
- Input Voltage: 120VAC, 50/60Hz
- Dimming: Forward Phase (Incandescent)

Warranty

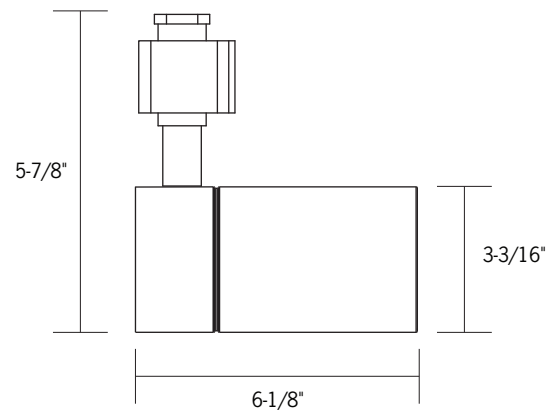
This complete fixture is covered by ConTech's full five (5) year replacement guarantee after date of purchase.

Listing

- cETLus Certified to UL standards on base models.
- Suitable for dry locations.
- ENERGY STAR® Certified.
- Can be used to comply with the 2019 Title 24 Part 6 JA8 high efficacy LED light source requirements.
- DLC Listed for all models.

Fixture Compatibility

Standard ConTech track fixtures are certified as-is for use with ConTech's many track systems, as well as with Juno⁰¹ Lighting track. By changing the prefix in the part number, ConTech can install inserts which make our fixtures compatible with other manufacturers. Replace "CTL" with "HTL" for Halo⁰² track, or "LTL" for Lightolier⁰³ track.



Ordering Information

Example Order: –

| Track System | Fixture | Beam | Color Temp | Dimming Option | Finish | Accessories |
|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |

- | | | | | | |
|-------------------------|--------------------------|------------------------|--------------------|--------------------|-------------------|
| CTL - ConTech | 9053 - 20W/2123Lm | M - Medium | 90+ CRI | D - Dimming | B - Black |
| HTL - Halo | | F - Flood | 27C - 2700K | | P - White |
| LTL - Lightolier | | WF - Wide Flood | 3C - 3000K | | S - Silver |
| | | | 35C - 3500K | | |
| | | | 4C - 4000K | | |

- FA-91L-(B,P)** - Accessory Holder with Honeycomb Louver
FA-92L-(B,P) - Snoot
LF16 - (A, B, CL, G, LB, R, RO, Y, 73, LS, SL, SOL, UV) 60MM 2-3/8" Tempered Glass Lenses
 Lenses fit in FA-91S accessory holder, ordered separately

Color/Pattern Legend
-A (Amber), **-B** (Blue), **-CL** (Clear), **-LB** (Light Blue), **-R** (Red), **-RO** (Rose), **-Y** (Yellow), **-73** (Spread Lens), **-LS** (Linear Spread Lens), **-SL** (Soft Light), **-SOL** (Solite Lens), **-UV** (Optivex UV Filter)

1. Juno is a registered trademark of Juno Lighting
 2. Halo is a registered trademark of Cooper Lighting
 3. Lightolier is a registered trademark of Philips Lighting

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Photometrics

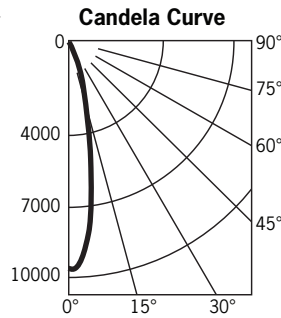
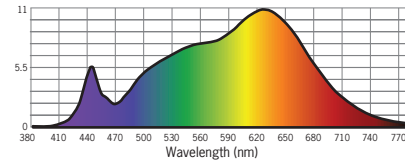
Lumen output values fluctuate based on CCT. To estimate lumen output of the various CCT options, multiply 3000K results by the following:

| CCT | 90+ CRI |
|-------|---------|
| 2700K | .87 |
| 3000K | N/A |
| 3500K | 1.05 |
| 4000K | 1.08 |

CTL9053M3CD

Designed for 50,000 Hour Lamp Life¹; LM-63 Test No. G19103106

Light Output (Fixture Delivered Lumens): 1950.4
Total Watts@120V: 19.6; **Lumens Per Watt:** 99.5
Center Beam Candle Power: 9771
Color Rendering Index (CRI)²: 96
Color Temperature (CCT)³: 3153K
Spectral Power Distribution Chart⁴
 LM-79 Test No. S19103101



Candlepower Summary

| FROM 0 | CANDELA | LUMENS |
|--------|---------|--------|
| 0 | 9771 | |
| 5 | 8455 | 866 |
| 15 | 2642 | 749 |
| 25 | 601 | 278 |
| 35 | 158 | 99 |
| 45 | 65 | 50 |
| 55 | 35 | 32 |
| 65 | 19 | 19 |
| 75 | 6 | 6 |
| 85 | 0 | 0 |
| 95 | 0 | |

Intensity Distribution

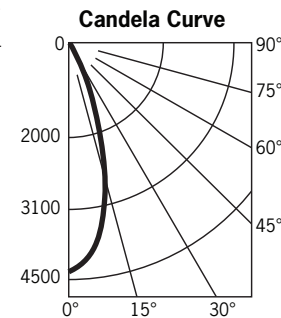
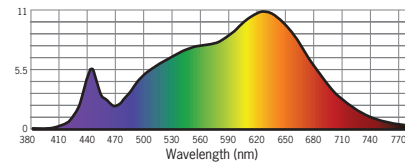
| DISTANCE (FT.) | FOOTCANDLES (FC) | BEAM DIAMETER (FT.) |
|----------------|------------------|---------------------|
| 4' | 610.7 | 1.5 |
| 6' | 271.4 | 2.2 |
| 8' | 152.7 | 3.0 |
| 10' | 97.7 | 3.7 |
| 12' | 67.9 | 4.5 |
| 14' | 49.9 | 5.2 |

Beam Distribution: 21°
Spacing Criterion: 0.40

CTL9053F3CD

Designed for 50,000 Hour Lamp Life¹; LM-63 Test No. G19103104

Light Output (Fixture Delivered Lumens): 1961.7
Total Watts@120V: 19.6; **Lumens Per Watt:** 100.1
Center Beam Candle Power: 4345
Color Rendering Index (CRI)²: 96
Color Temperature (CCT)³: 3153K
Spectral Power Distribution Chart⁴
 LM-79 Test No. S19103101



Candlepower Summary

| FROM 0 | CANDELA | LUMENS |
|--------|---------|--------|
| 0 | 4345 | |
| 5 | 4131 | 420 |
| 15 | 2810 | 797 |
| 25 | 1129 | 522 |
| 35 | 281 | 177 |
| 45 | 68 | 52 |
| 55 | 33 | 29 |
| 65 | 16 | 16 |
| 75 | 5 | 6 |
| 85 | 0 | 0 |
| 95 | 0 | |

Intensity Distribution

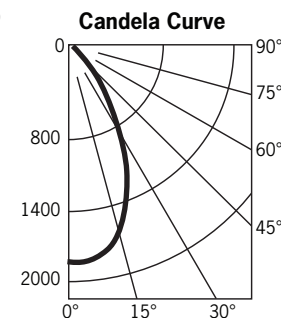
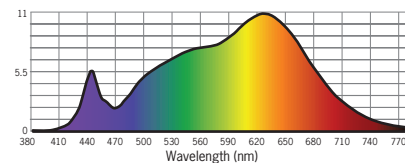
| DISTANCE (FT.) | FOOTCANDLES (FC) | BEAM DIAMETER (FT.) |
|----------------|------------------|---------------------|
| 4' | 271.6 | 2.7 |
| 6' | 120.7 | 4.0 |
| 8' | 67.9 | 5.4 |
| 10' | 43.5 | 6.7 |
| 12' | 30.2 | 8.0 |
| 14' | 22.2 | 9.4 |

Beam Distribution: 37°
Spacing Criterion: 0.60

CTL9053WF3CD

Designed for 50,000 Hour Lamp Life¹; LM-63 Test No. G19103105

Light Output (Fixture Delivered Lumens): 1762.9
Total Watts@120V: 19.6; **Lumens Per Watt:** 89.9
Center Beam Candle Power: 1849
Color Rendering Index (CRI)²: 96
Color Temperature (CCT)³: 3153K
Spectral Power Distribution Chart⁴
 LM-79 Test No. S19103101



Candlepower Summary

| FROM 0 | CANDELA | LUMENS |
|--------|---------|--------|
| 0 | 1849 | |
| 5 | 1843 | 187 |
| 15 | 1620 | 459 |
| 25 | 1122 | 519 |
| 35 | 563 | 354 |
| 45 | 225 | 174 |
| 55 | 60 | 54 |
| 65 | 28 | 28 |
| 75 | 10 | 11 |
| 85 | 0 | 0 |
| 95 | 0 | |

Intensity Distribution

| DISTANCE (FT.) | FOOTCANDLES (FC) | BEAM DIAMETER (FT.) |
|----------------|------------------|---------------------|
| 4' | 115.6 | 4.3 |
| 6' | 51.4 | 6.5 |
| 8' | 28.9 | 8.6 |
| 10' | 18.5 | 10.8 |
| 12' | 12.8 | 12.9 |
| 14' | 9.4 | 15.1 |

Beam Distribution: 57°
Spacing Criterion: 0.86

1. Dependent on surrounding temperatures
2. Accuracy of rendering colors
3. Color appearance of light source
4. Colors present within the light source

Dimming

Compatible with most Triac (Incandescent) Dimmers

Triac (Incandescent)

- Leviton Illumatech
- Leviton SureSlide
- Lutron Skylark
- Lutron Toggler
- Lutron Diva