

CTL9050

Eclipse Curve Series 7W LED Track Fixture

Specifications/Features

Fixture

Small scale, 7W LED Cylinder Track Fixture delivering up to 651 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 3-step MacAdam Ellipse tolerance. Available in Spot (15°), Flood (32°), and Wide Flood (58°) 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: 7W
- Input Voltage: 120VAC, 50/60Hz
- Dimming: Forward Phase (Incandescent)

Warranty

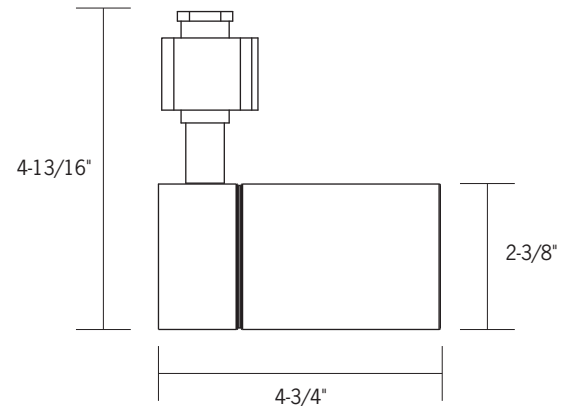
This complete fixture is covered by ConTech's full five (5) year replacement guarantee after date of purchase.

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 Juno^{®1} 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 Halo^{®2} track, or "LTL" for Lightolier^{®3} track.



Ordering Information

Example Order: -

Track System	Fixture	Beam	Color Temp	Dimming Option	Finish
CTL - ConTech HTL - Halo LTL - Lightolier	9050 - 7W/651Lm	S - Spot F - Flood WF - Wide Flood	90+ CRI 27C - 2700K 3C - 3000K 35C - 3500K 4C - 4000K	D - Dimming	B - Black P - White S - Silver

Accessories

FA-91S-(B,P) - Accessory Holder with Honeycomb Louver

FA-92S-(B,P) - Snoot
BD9S - Black Barn Doors
LF16 - (A, B, CL, G, LB, R, RO, Y, 73, LS, SL, SOL, UV) 42MM

1-5/8" 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

CTL9050

Eclipse Curve Series 120V 7W LED Track Fixture

Photometrics

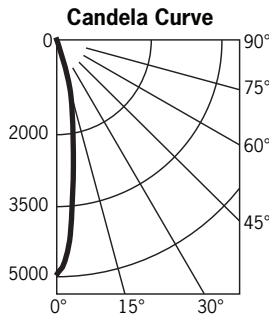
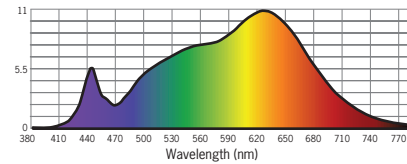
Lumen output values fluctuate based on CCT. To estimate lumen output of the various CCT options, multiply 3000K results by the following:

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

CTL9050S3CD

Designed for 50,000 Hour Lamp Life¹; LM-63 Test No. G19103002

Light Output (Fixture Delivered Lumens): 592.5
Total Watts@120V: 7.0; **Lumens Per Watt:** 84.6
Center Beam Candle Power: 4925
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	4925	
5	3480	362
15	643	182
25	119	55
35	49	31
45	23	18
55	14	12
65	7	7
75	2	2
85	0	0
95	0	0

Intensity Distribution

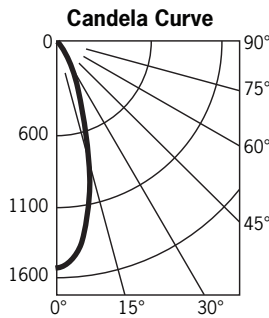
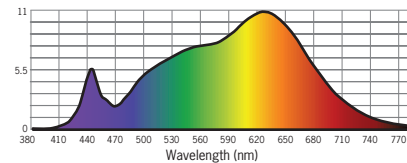
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4'	307.8	1.1
6'	136.8	1.6
8'	77.0	2.1
10'	49.2	2.7
12'	34.2	3.2
14'	25.1	3.7

Beam Distribution: 15°
Spacing Criterion: 0.28

CTL9050F3CD

Designed for 50,000 Hour Lamp Life¹; LM-63 Test No. G19103001

Light Output (Fixture Delivered Lumens): 602.0
Total Watts@120V: 7.0; **Lumens Per Watt:** 86.6
Center Beam Candle Power: 1520
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	1520	
5	1435	146
15	838	238
25	282	131
35	88	55
45	36	28
55	19	17
65	7	7
75	2	2
85	0	0
95	0	0

Intensity Distribution

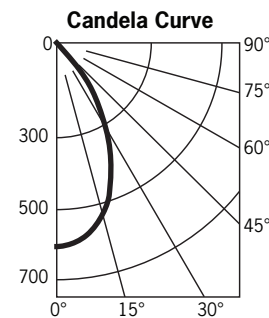
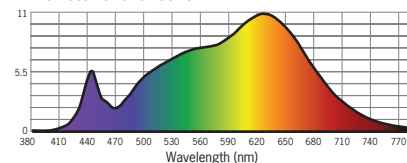
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4'	95.0	2.3
6'	42.2	3.5
8'	23.8	4.6
10'	15.2	5.8
12'	10.6	6.9
14'	7.8	8.1

Beam Distribution: 32°
Spacing Criterion: 0.53

CTL9050WF3CD

Designed for 50,000 Hour Lamp Life¹; LM-63 Test No. G19103002

Light Output (Fixture Delivered Lumens): 562.0
Total Watts@120V: 7.0; **Lumens Per Watt:** 80.3
Center Beam Candle Power: 605
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	605	
5	597	61
15	528	150
25	382	177
35	189	119
45	47	37
55	19	17
65	8	8
75	3	3
85	0	0
95	0	0

Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4'	37.8	4.5
6'	16.8	6.7
8'	9.5	8.9
10'	6.1	11.2
12'	4.2	13.4
14'	3.1	15.6

Beam Distribution: 58°
Spacing Criterion: 0.88

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