CONTECH LIGHTING | a LEVITON company

Catalog No. _____

Type _____

Project _____

CTL9051, CTL9052

Eclipse Curve Series 120V 9W and 14W LED Track Fixtures

Specifications/Features

Fixture

Small scale LED Cylinder Track Fixture.
CTL9051 Devliers up to 1021 lumens.
CTL9052 Delivers up to 1462 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 (23°), Flood (33°), and Wide Flood (52°) 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: 9W, 14W
Input Voltage: 120VAC, 50/60Hz
Dimming: Forward Phase (Incandescent)

Warranty

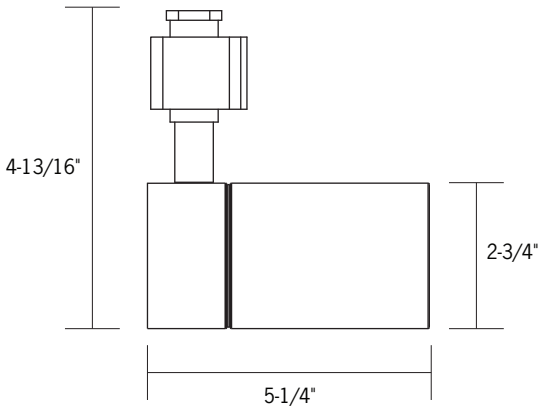
This complete fixture is covered by ConTech's full five (5) year replacement guarantee after date of purchase.

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 cCSAus 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: CTL9052M3CD – P

Track System	Fixture	Beam	Color Temp	Dimming Option		Finish
				D	-	

CTL - ConTech
HTL - Halo
LTL - Lightolier

9051 - 9W/1021Lm
9052 - 14W/1462Lm

M - Medium
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-91M-(B,P) - Accessory Holder with Honeycomb Louver
FA-92M-(B,P) - Snoot
BD9M - Black Barn Doors
LF16 - (**A, B, CL, G, LB, R, RO, Y, 73, LS, SL, SOL, UV**)
2" Tempered glass lenses
Lenses fit in FA-91M 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

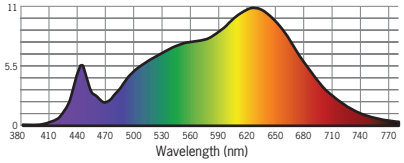
Lumen output values fluctuate based on CCT. To estimate lumen output of the various CCT options, multiply 3000K results by the following:

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

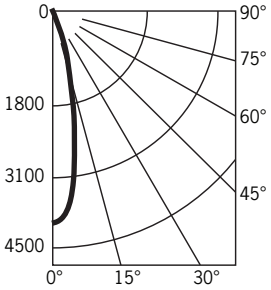
CTL9051M3CD

Designed for 50,000 Hour Lamp Life[1]; LM-63 Test No. G19103006

Light Output (Fixture Delivered Lumens): 936.6
Total Watts@120V: 9.1; **Lumens Per Watt:** 102.9
Center Beam Candle Power: 4075
Color Rendering Index (CRI)[2]: 96
Color Temperature (CCT)[3]: 3153K
Spectral Power Distribution Chart[4]
LM-79 Test No. S19103101



Candela Curve



Candlepower Summary

FROM 0	CANDELA	LUMENS
0	4075	
5	3626	371
15	1257	356
25	318	147
35	90	57
45	35	27
55	22	19
65	12	12
75	3	3
85	0	0
95	0	

Intensity Distribution

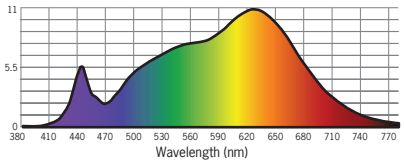
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4'	254.7	1.6
6'	113.2	2.4
8'	63.7	3.2
10'	40.8	4.0
12'	28.3	4.8
14'	20.8	5.7

Beam Distribution: 23°
Spacing Criterion: 0.40

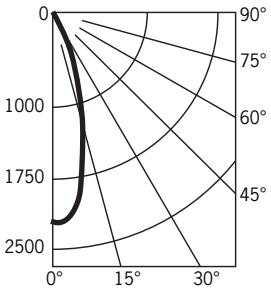
CTL9051F3CD

Designed for 50,000 Hour Lamp Life[1]; LM-63 Test No. G19103004

Light Output (Fixture Delivered Lumens): 930.5
Total Watts@120V: 9.1; **Lumens Per Watt:** 102.3
Center Beam Candle Power: 2222
Color Rendering Index (CRI)[2]: 96
Color Temperature (CCT)[3]: 3153K
Spectral Power Distribution Chart[4]
LM-79 Test No. S19103101



Candela Curve



Candlepower Summary

FROM 0	CANDELA	LUMENS
0	2222	
5	2174	221
15	1256	356
25	474	219
35	143	90
45	50	39
55	26	23
65	7	7
75	3	3
85	0	0
95	0	

Intensity Distribution

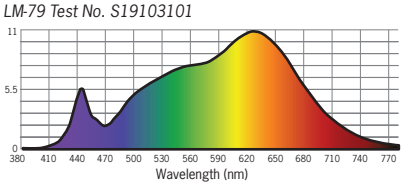
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4'	138.9	2.4
6'	61.7	3.5
8'	34.7	4.7
10'	22.2	5.9
12'	15.4	7.1
14'	11.3	8.3

Beam Distribution: 33°
Spacing Criterion: 0.56

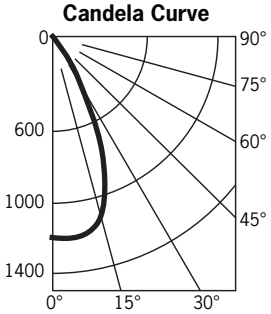
CTL9051WF3CD

Designed for 50,000 Hour Lamp Life[1]; LM-63 Test No. G19103005

Light Output (Fixture Delivered Lumens): 943.8
Total Watts@120V: 9.1; **Lumens Per Watt:** 103.7
Center Beam Candle Power: 1190
Color Rendering Index (CRI)[2]: 96
Color Temperature (CCT)[3]: 3153K
Spectral Power Distribution Chart[4]
LM-79 Test No. S19103101



Candela Curve



Candlepower Summary

FROM 0	CANDELA	LUMENS
0	1190	
5	1202	122
15	1110	315
25	646	299
35	230	145
45	61	48
55	22	20
65	9	9
75	3	3
85	0	0
95	0	

Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4'	74.4	3.9
6'	33.1	5.8
8'	18.6	7.7
10'	11.9	9.7
12'	8.3	11.6
14'	6.1	13.5

Beam Distribution: 52°
Spacing Criterion: 0.78

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

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Eclipse Curve Series 120V 9W and 14W LED Track Fixtures

Photometrics

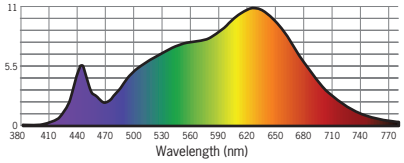
Lumen output values fluctuate based on CCT. To estimate lumen output of the various CCT options, multiply 3000K results by the following:

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

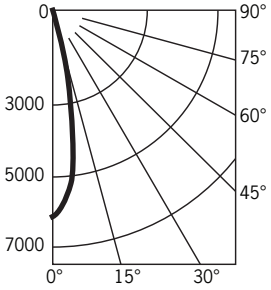
CTL9052M3CD

Designed for 50,000 Hour Lamp Life[1]; LM-63 Test No. G19103103

Light Output (Fixture Delivered Lumens): 1350.6
Total Watts@120V: 13.7; **Lumens Per Watt:** 98.6
Center Beam Candle Power: 6073
Color Rendering Index (CRI)[2]: 96
Color Temperature (CCT)[3]: 3153K
Spectral Power Distribution Chart[4]
LM-79 Test No. S19103101



Candela Curve



Candlepower Summary

FROM 0	CANDELA	LUMENS
0	6073	
5	5417	553
15	1808	513
25	456	211
35	109	68
45	42	33
55	29	26
65	18	18
75	6	6
85	0	0
95	0	

Intensity Distribution

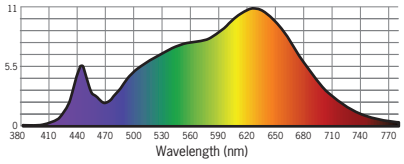
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4'	307.8	1.1
6'	136.8	1.6
8'	77.0	2.1
10'	49.2	2.7
12'	34.2	3.2
14'	25.1	3.7

Beam Distribution: 23°
Spacing Criterion: 0.39

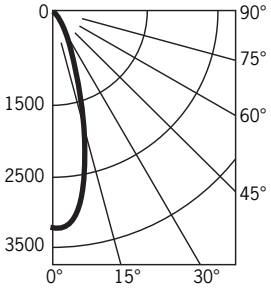
CTL9052F3CD

Designed for 50,000 Hour Lamp Life[1]; LM-63 Test No. G19103101

Light Output (Fixture Delivered Lumens): 1323.7
Total Watts@120V: 13.7; **Lumens Per Watt:** 96.6
Center Beam Candle Power: 3194
Color Rendering Index (CRI)[2]: 96
Color Temperature (CCT)[3]: 3153K
Spectral Power Distribution Chart[4]
LM-79 Test No. S19103101



Candela Curve



Candlepower Summary

FROM 0	CANDELA	LUMENS
0	3194	
5	3128	318
15	1853	525
25	698	323
35	176	111
45	57	44
55	29	26
65	9	9
75	4	4
85	0	0
95	0	

Intensity Distribution

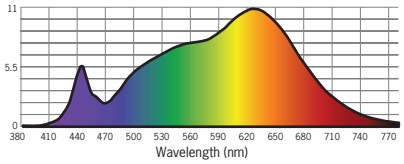
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4'	199.6	2.4
6'	88.7	3.6
8'	49.9	4.8
10'	31.9	6.0
12'	22.2	7.2
14'	16.3	8.4

Beam Distribution: 33°
Spacing Criterion: 0.56

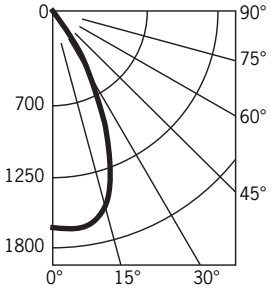
CTL9052WF3CD

Designed for 50,000 Hour Lamp Life[1]; LM-63 Test No. G19103102

Light Output (Fixture Delivered Lumens): 1344.7
Total Watts@120V: 13.7; **Lumens Per Watt:** 98.2
Center Beam Candle Power: 1638
Color Rendering Index (CRI)[2]: 96
Color Temperature (CCT)[3]: 3153K
Spectral Power Distribution Chart[4]
LM-79 Test No. S19103101



Candela Curve



Candlepower Summary

FROM 0	CANDELA	LUMENS
0	1638	
5	1652	168
15	1542	437
25	923	427
35	343	216
45	94	73
55	33	30
65	12	12
75	4	4
85	0	0
95	0	

Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4'	102.4	4.0
6'	45.5	6.0
8'	25.6	7.9
10'	16.4	10.0
12'	11.4	11.9
14'	8.4	13.8

Beam Distribution: 53°
Spacing Criterion: 0.80

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