

CTL8071

15W LED Track Fixture

Specifications/Features

Fixture

Small scale, 15W LED Cylinder Track Fixture delivering up to 1150 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. Will accept (1) LF18 Lens or a LA-35 Louver when used with the FA-17 Accessory Holder.

Lamp

Light engine consists of a single, high lumen output multi-chip LED array. Available in the following color temperatures:
 2700K; CRI 80 min., 83 Typical
 3000K; CRI 80 min., 83 Typical
 3500K; CRI 80 min., 83 Typical
 Excellent fixture to fixture color consistency within a 2-step MacAdam Ellipse tolerance. Available in Spot (16°), Medium (20°) and Flood (38°) 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

15W Driver Specifications:
 Input Wattage 15W
 Input Voltage: 120VAC, 50/60Hz
 Dimming: Forward Phase (Incandescent)

Warranty

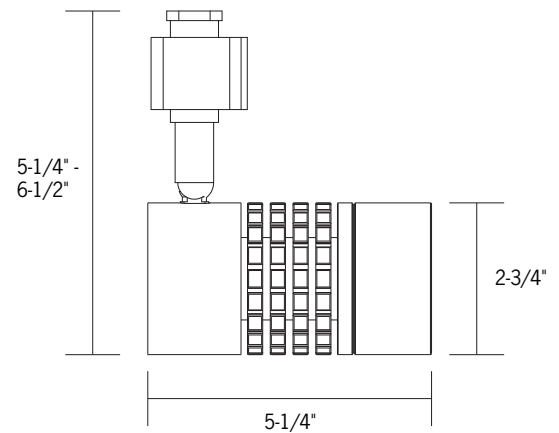
This complete fixture is covered by ConTech's full five (5) year replacement guarantee after date of purchase.

Listing

cETLus Certified to UL standards on base models.

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, "LTL" for Lightolier^{®3} track, and "PTL" for Capri^{®4} track. For more information, please consult our factory.



Ordering Information

Example Order: -

Track System	Fixture	Beam	Color Temp	Dimming Option	Finish
CTL - ConTech HTL - Halo LTL - Lightolier PTL - Capri	8071 - 15W	S - Spot M - Medium F - Flood	27 - 2700K 3 - 3000K 35 - 3500K	D - Dimming	B - Black P - White S - Silver

Accessories

FA-17-(B,P,S) - Accessory Holder
BD17-B - Black Barn Doors
LA-35 - Black Honeycomb Louver
LF18 - A, B, CL, G, LB, R, RO, Y, 73, LS, SL, UV
 3-1/16" Dia. Tempered Glass Lenses

Color/Pattern Legend
-A (Amber), **-B** (Blue), **-CL** (Clear),
-G (Green), **-LB** (Light Blue), **-R** (Red),
-RO (Rose), **-Y** (Yellow), **-73** (Spread Lens),
-LS (Linear Spread Lens), **-SL** (Soft Light),
-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
 4. Capri is a registered trademark of Philips Lighting

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Photometrics

Lumen output values fluctuate based on CCT and CRI. To estimate lumen output of the various CCT/CRI options, multiply 3000K (80 CRI min) results by the following:

CCT	Standard CRI
2700K	.935
3000K	N/A
3500K	1.0

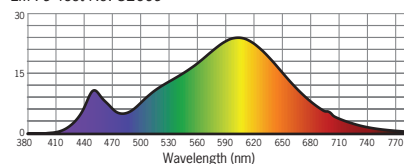
CTL8071S3D

Designed for 50,000 Hour Lamp Life¹; LM-63 Test No. 82604

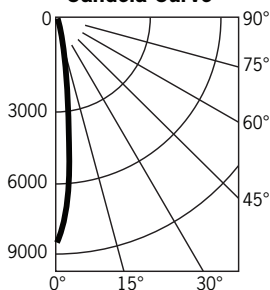
Light Output (Fixture Delivered Lumens): 1196
Total Watts@120V: 14.1; **Lumens Per Watt:** 84.8
Center Beam Candle Power: 8601
Color Rendering Index (CRI)²: 83
Color Temperature (CCT)³: 3065K Warm White

Spectral Power Distribution Chart⁴

LM-79 Test No. 82609



Candela Curve



Candlepower Summary

FROM 0	CANDELA	LUMENS
0	8601	
5	6517	503
15	1386	396
25	269	134
35	113	73
45	50	40
55	29	26
65	16	16
75	6	6
85	1	1
95	0	

Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
6'	238.9	1.6
8'	134.4	2.2
10'	86.0	2.7
12'	59.7	3.3
14'	43.9	3.8
16'	33.6	4.4

Beam Distribution: 16°

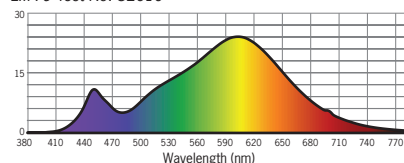
CTL8071M3D

Designed for 50,000 Hour Lamp Life¹; LM-63 Test No. 82605

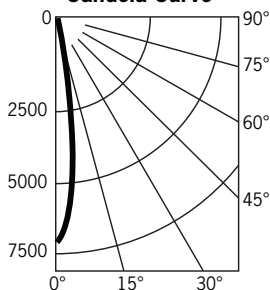
Light Output (Fixture Delivered Lumens): 1149
Total Watts@120V: 13.6; **Lumens Per Watt:** 84.5
Center Beam Candle Power: 6893
Color Rendering Index (CRI)²: 83
Color Temperature (CCT)³: 3063K Warm White

Spectral Power Distribution Chart⁴

LM-79 Test No. 82610



Candela Curve



Candlepower Summary

FROM 0	CANDELA	LUMENS
0	6893	
5	5482	445
15	1417	408
25	306	150
35	105	69
45	44	35
55	26	24
65	13	13
75	5	5
85	1	1
95	0	

Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
6'	191.5	1.9
8'	107.7	2.5
10'	68.9	3.2
12'	47.9	3.8
14'	35.2	4.4
16'	26.9	5.1

Beam Distribution: 19°

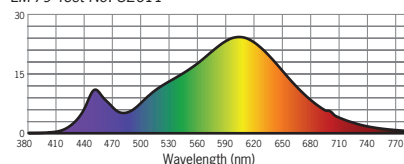
CTL8071F3D

Designed for 50,000 Hour Lamp Life¹; LM-63 Test No. 82606

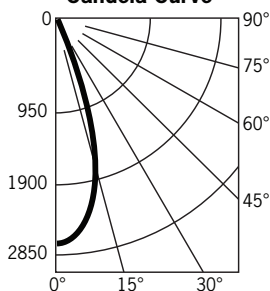
Light Output (Fixture Delivered Lumens): 1176
Total Watts@120V: 13.6; **Lumens Per Watt:** 86.5
Center Beam Candle Power: 2808
Color Rendering Index (CRI)²: 83
Color Temperature (CCT)³: 3074K Warm White

Spectral Power Distribution Chart⁴

LM-79 Test No. 82611



Candela Curve



Candlepower Summary

FROM 0	CANDELA	LUMENS
0	2808	
5	2676	244
15	1711	464
25	560	270
35	166	108
45	53	44
55	28	25
65	15	15
75	6	6
85	1	1
95	0	

Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
6'	78.0	3.4
8'	43.9	4.6
10'	28.1	5.7
12'	19.5	6.9
14'	14.3	8.0
16'	11.0	9.2

Beam Distribution: 35°

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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15W LED Track Fixture

Catalog No. _____

Type _____

Project _____

Dimming

Compatible with most Triac (Incandescent) Dimmers

Triac (Incandescent)

Lutron Skylark
Lutron Toggler
Lutron Diva
Leviton Illumatech
Leviton SureSlide