

CTL802818LH

Optica Series 18W Dimmable LED Track Fixture with Horizontal Ballast

Specifications/Features

Fixture

Low wattage, eco-friendly, LED track fixture provides high lumen output. Select from spot, medium and flood beam distributions. Dimming option allows illumination down to 10%. Note: Dimming option requires larger housing. See drawings for dimensions. Die cast aluminum housing with horizontal driver. Precision aiming adjustment. 350°+ Horizontal rotation, 180° vertical rotation. Integral ON/OFF switch and track polarity indicator are standard. Will accept (1) LF18 lens.

Lamp

(7) LEDs, 700mA constant current input; 18W/1200Lm total.
Color Temperature: 2700K (2725 ± 145)
3000K (3045 ± 175)
3500K (3465 ± 245)
4000K (3985 ± 275)

Electrical

Driver: 120V primary and 700mA secondary, 60Hz.
Input current: 0.20A max

Warranty

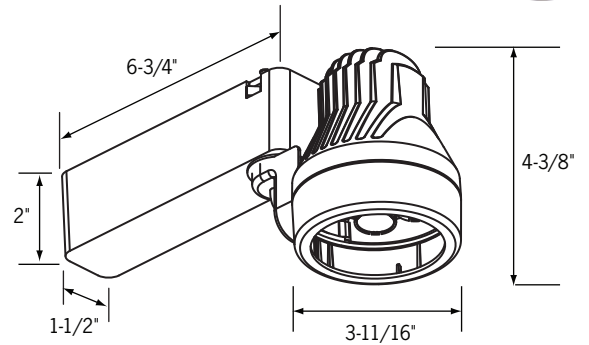
This complete fixture is covered by ConTech's full five (5) year replacement guarantee after date of purchase.

Listing

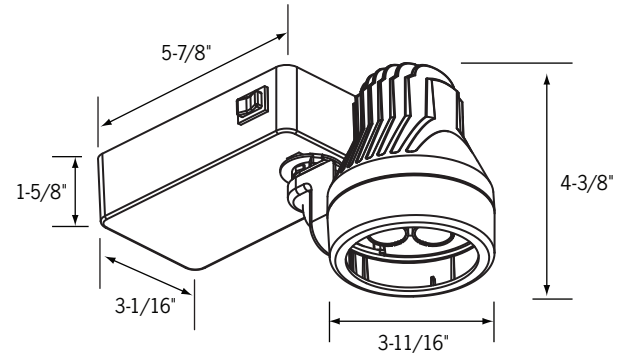
cCSAus Certified to UL standards. Suitable for dry locations.

**DISCONTINUED ITEM:
LIMITED INVENTORY**

Consult Factory for Availability



Non-Dimming Housing



Dimming Housing

Ordering Information

Example Order: -

Fixture	Beam	Color Temp	Dimming Option	Finish	Accessories
<input type="text" value="CTL802818LH"/>	<input type="text" value="S"/>	<input type="text" value="27"/>	<input type="text" value="N"/>	<input type="text" value="B"/>	<input type="text" value="LA-35"/>
	S - Spot	27 - 2700K	N - No Dimming	B - Black	LA-35 - Black Honeycomb Louver
	M - Medium	3 - 3000K	D - Dimming	P - White	LA-44 -(B,P,S) - Egg Crate Louver
	F - Flood	35 - 3500K		S - Silver	LF18 - A, B, CL, G, LB, R, RO, Y, 73, LS, SL, UV 3-1/16" Dia. Tempered Glass Lenses
		4 - 4000K			

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)

CTL802818LH

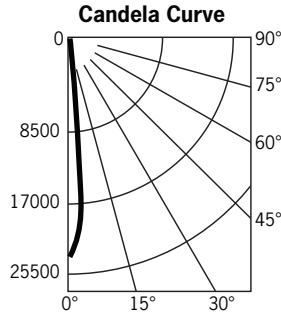
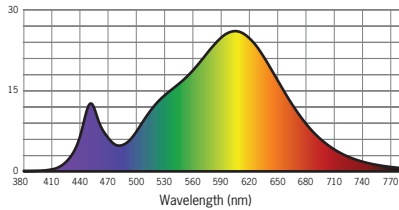
Optica Series 18W Dimmable LED Track Fixture with Horizontal Ballast

Photometrics

CTL802818LHS3

Designed for 50,000 Hour Lamp Life*; LM-63Test No. 81023

Light Output (Fixture Lumens): 1061
 Total Watts@120V: 17
 Lumens Per Watt: 75
 Color Rendering Index (CRI)¹: 83
 Color Temperature (CCT)²: 3003K Warm White
 Spectral Power Distribution Chart³
 LM-79 Test No. 81024



Candlepower Summary

FROM 0	CANDELA	LUMENS
0	25413	
5	15247	979
15	695	216
25	59	31
35	25	17
45	12	10
55	6	6
65	2	2
75	1	1
85	0	0
95	0	

Intensity Distribution

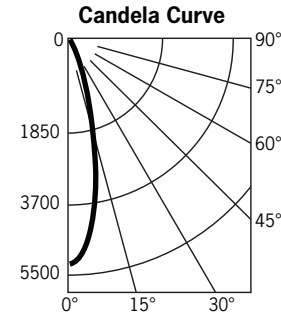
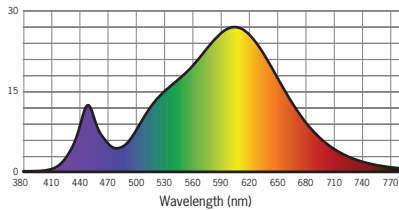
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
6'	705.9	1.2
8'	397.1	1.6
10'	254.1	2.0
12'	176.5	2.4
14'	129.7	2.8
16'	99.3	3.2

Beam Distribution: 11°
 Spacing Criterion: 0.19

CTL802818LHM3

Designed for 50,000 Hour Lamp Life*; LM-63Test No. 80828

Light Output (Fixture Lumens): 1319
 Total Watts@120V: 17
 Lumens Per Watt: 78
 Color Rendering Index (CRI)¹: 82
 Color Temperature (CCT)²: 3022K Warm White
 Spectral Power Distribution Chart³
 LM-79 Test No. 80840



Candlepower Summary

FROM 0	CANDELA	LUMENS
0	5452	
5	4862	420
15	2099	574
25	454	227
35	82	58
45	29	23
55	13	12
65	3	3
75	1	1
85	1	1
95	0	

Intensity Distribution

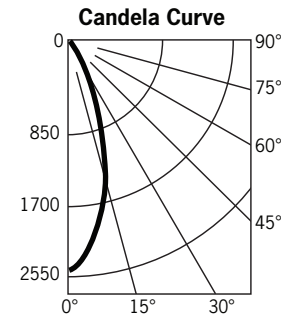
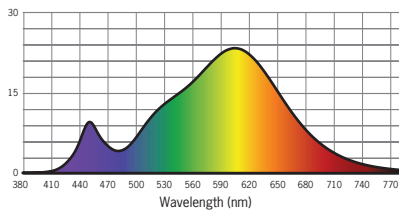
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
6'	151.4	2.5
8'	85.2	3.4
10'	54.5	4.2
12'	37.9	5.1
14'	27.8	5.9
16'	21.3	6.8

Beam Distribution: 25°
 Spacing Criterion: 0.42

CTL802818LHF3

Designed for 50,000 Hour Lamp Life*; LM-63Test No. 80829

Light Output (Fixture Lumens): 1120
 Total Watts@120V: 17.5
 Lumens Per Watt: 64
 Color Rendering Index (CRI)¹: 82
 Color Temperature (CCT)²: 2997K Warm White
 Spectral Power Distribution Chart³
 LM-79 Test No. 80841



Candlepower Summary

FROM 0	CANDELA	LUMENS
0	2476	
5	2328	211
15	1492	409
25	623	291
35	194	128
45	62	50
55	22	20
65	6	6
75	2	2
85	2	2
95	0	

Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
6'	68.8	3.4
8'	38.7	4.6
10'	24.8	5.7
12'	17.2	6.9
14'	12.6	8.0
16'	9.7	9.2

Beam Distribution: 35°
 Spacing Criterion: 0.57

1. Accuracy of rendering colors
 2. Color appearance of light source
 3. Colors present within the light source

*Dependent on surrounding temperatures