

CTL802927L

Optica Series 27W Dimmable LED Track Fixture

Specifications/Features

Fixture

Low wattage, eco-friendly, LED track fixture provides high lumen output with no infrared or ultraviolet radiation. Select from spot, medium and flood beam distributions. Dimming option allows illumination down to 10%. Die cast aluminum housing with vertical driver. Lockable, precision aiming adjustment. 360°+ Horizontal rotation, 180° vertical rotation. Integral ON/OFF switch and track polarity indicator are standard. Will accept (1) LF18 lens.

Lamp

(7) LEDs, 1A constant current input; 27W/1700Lm total.
Color Temperature: 2700K (2725 ± 145)
3000K (3045 ± 175)
3500K (3465 ± 245)
4000K (3985 ± 275)

Electrical

Electronic driver: 120V AC primary and 1A secondary, 60Hz.
Input current: 0.35A max.

Warranty

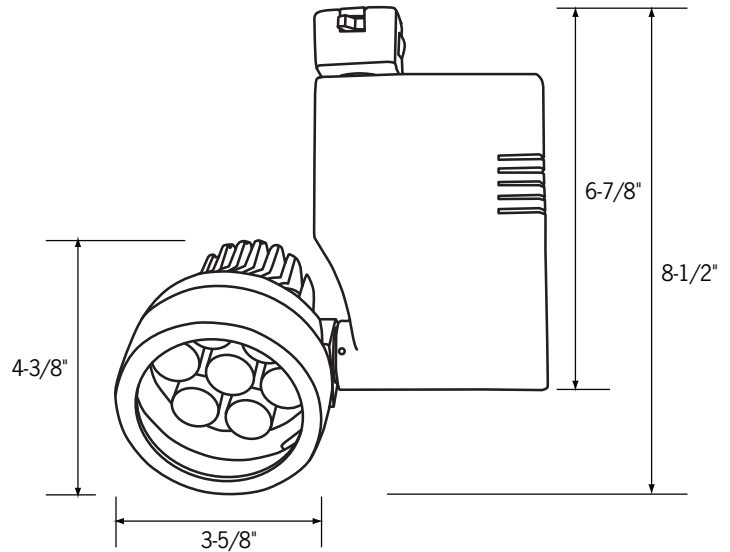
This complete fixture is covered by ConTech's full five (5) year replacement guarantee after date of purchase.

Listing

CSA Certified to UL standards. Suitable for dry locations.

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 Distribution	Color Temperature	Dimming Option	Finish	Accessories
					-	
CTL - ConTech HTL - Halo LTL - Lightolier PTL - Capri	802927L	S - Spot M - Medium F - Flood	27 - 2700K 3 - 3000K 35 - 3500K 4 - 4000K	No Dimming, Leave Blank D - Dimming	B - Black P - White S - Silver	LA-35 - Black Honeycomb Louver LA-44-(B,P,S) - Egg Crate 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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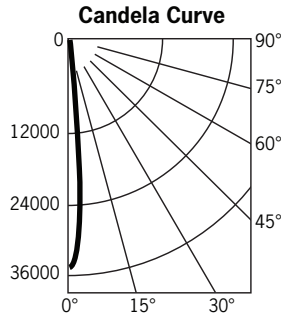
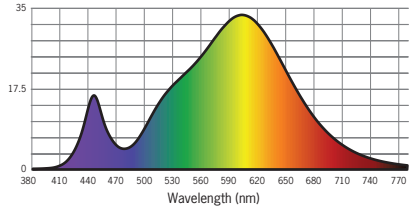
Optica Series 27W Dimmable LED Track Fixture

Photometrics

CTL802927LS3

Designed for 50,000 Hour Lamp Life*; LM-63 Test No. 80824

Light Output (Fixture Lumens): 1710
 Total Watts@120V: 26
 Lumens Per Watt: 66
 Color Rendering Index (CRI)¹: 81
 Color Temperature (CCT)²: 2992K Warm White
 Spectral Power Distribution Chart³
 LM-79 Test No. 80836



FROM 0	CANDELA	LUMENS
0	34569	
5	20594	1330
15	924	294
25	78	40
35	34	23
45	16	13
55	9	8
65	2	2
75	1	1
85	0	0
95	0	

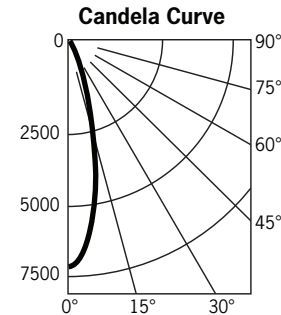
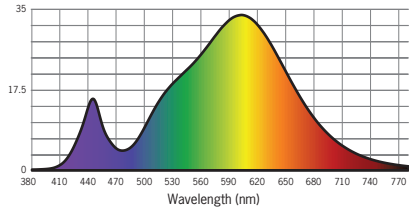
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
6'	960.3	1.2
8'	540.1	1.6
10'	345.7	2.0
12'	240.1	2.4
14'	176.4	2.7
16'	135.0	3.1

Beam Distribution: 11°
 Spacing Criterion: 0.19

CTL802927LM3

Designed for 50,000 Hour Lamp Life*; LM-63 Test No. 80825

Light Output (Fixture Lumens): 1731
 Total Watts@120V: 27
 Lumens Per Watt: 65
 Color Rendering Index (CRI)¹: 80
 Color Temperature (CCT)²: 3029K Warm White
 Spectral Power Distribution Chart³
 LM-79 Test No. 80837



FROM 0	CANDELA	LUMENS
0	6982	
5	6256	542
15	2780	760
25	605	302
35	105	74
45	36	29
55	16	15
65	4	5
75	2	2
85	2	2
95	0	

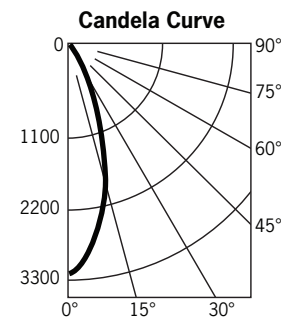
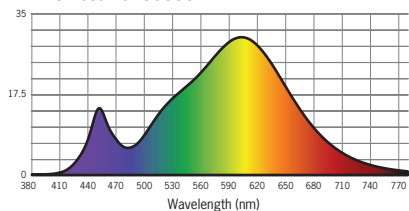
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
6'	193.9	2.6
8'	109.1	3.5
10'	69.8	4.3
12'	48.5	5.2
14'	35.6	6.1
16'	27.3	7.0

Beam Distribution: 26°
 Spacing Criterion: 0.43

CTL802927LF3

Designed for 50,000 Hour Lamp Life*; LM-63 Test No. 80826

Light Output (Fixture Lumens): 1494
 Total Watts@120V: 26
 Lumens Per Watt: 58
 Color Rendering Index (CRI)¹: 82
 Color Temperature (CCT)²: 3066K Warm White
 Spectral Power Distribution Chart³
 LM-79 Test No. 80838



FROM 0	CANDELA	LUMENS
0	3205	
5	3027	275
15	2008	550
25	851	397
35	258	171
45	79	64
55	28	25
65	7	8
75	3	3
85	2	2
95	0	

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
6'	89.0	3.6
8'	50.1	4.8
10'	32.1	5.9
12'	22.3	7.1
14'	16.4	8.3
16'	12.5	9.5

Beam Distribution: 37°
 Spacing Criterion: 0.59

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

*Dependent on surrounding temperatures