



CTL802818L

Optica Series
18W Dimmable LED Track Fixture

Catalog No. _____

Type _____

Project _____

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 15%.

Die cast aluminum housing with vertical driver.

Lockable, 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 total.

Color Temperature: 2700K (2725 ± 145)

3000K (3045 ± 175)

3500K (3465 ± 245)

Electrical

Driver: 120V primary and 700mA secondary, 60Hz.

Input current: 0.20A max

Warranty

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

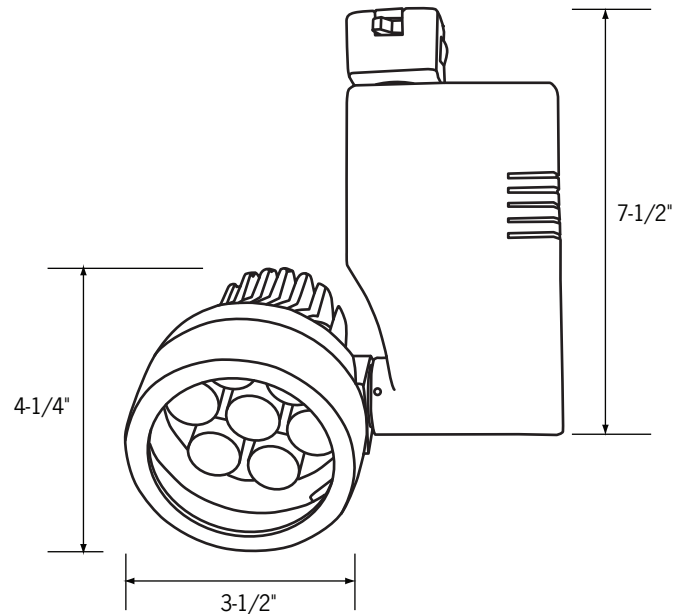
Listing

cCSAus listed. Suitable for dry locations.

Energy Star qualified for 3000K color temperature.

Fixture Compatibility

Standard Con-Tech track fixtures are UL Listed as-is for use with Con-Tech's many track systems, as well as with Juno®¹ Lighting track. By changing the prefix in the part number, Con-Tech 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 - Con-Tech HTL - Halo LTL - Lightolier PTL - Capri	802818L	S - Spot M - Medium F - Flood	27 - 2700K 3 - 3000K 35 - 3500K	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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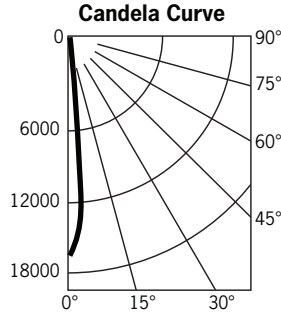
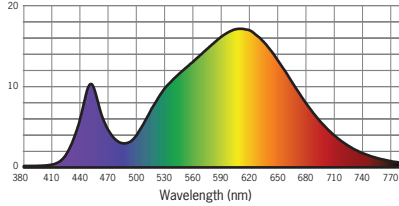
Type _____

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Photometrics

CTL802818LS3

Light Output (Fixture Lumens): 1027
Total Watts@120V: 17
Lumens Per Watt: 60
Color Rendering Index (CRI)¹: 84
Color Temperature (CCT)²: 3035K Warm White
Spectral Power Distribution Chart³



FROM 0	CANDELA	LUMENS
0	16823	
5	10972	763
15	632	222
25	42	25
35	17	11
45	6	4
55	1	1
65	0	0
75	0	0
85	0	0
95	0	

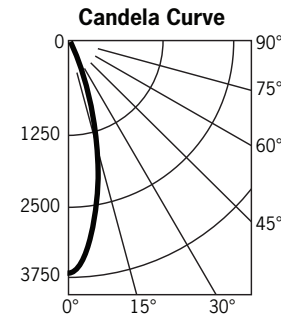
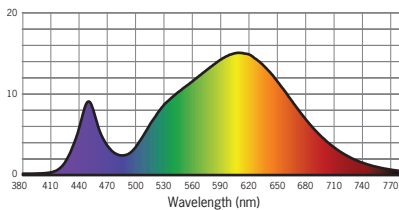
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
6'	467.3	1.3
8'	262.9	1.7
10'	168.2	2.2
12'	116.8	2.6
14'	85.8	3.0
16'	65.7	3.5

Beam Distribution: 13°

Designed for 50,000 Hour Lamp Life*; LM-79 Test No. 64664

CTL802818LM3

Light Output (Fixture Lumens): 976
Total Watts@120V: 18
Lumens Per Watt (Efficacy): 58
Color Rendering Index (CRI)¹: 83
Color Temperature (CCT)²: 3023K Warm White
Spectral Power Distribution Chart³



FROM 0	CANDELA	LUMENS
0	3713	
5	3397	296
15	1543	422
25	359	178
35	70	49
45	23	18
55	10	9
65	2	3
75	1	1
85	0	0
95	0	

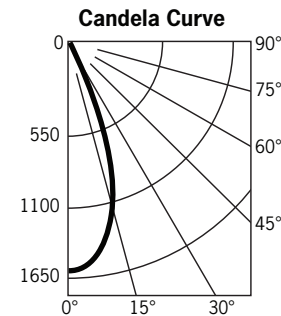
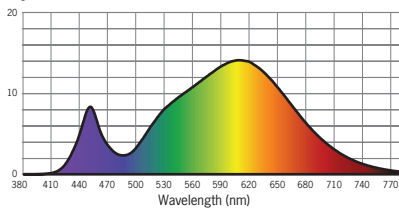
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
6'	103.1	2.7
8'	58.0	3.6
10'	37.1	4.5
12'	25.8	5.4
14'	18.9	6.3
16'	14.5	7.2

Beam Distribution: 27°

Designed for 50,000 Hour Lamp Life*; LM-79 Test No. 64666

CTL802818LF3

Light Output (Fixture Lumens): 820
Total Watts@120V: 18
Lumens Per Watt: 47
Color Rendering Index (CRI)¹: 84
Color Temperature (CCT)²: 3034K Warm White
Spectral Power Distribution Chart³



FROM 0	CANDELA	LUMENS
0	1616	
5	1571	144
15	1083	296
25	472	220
35	155	102
45	47	38
55	15	14
65	4	4
75	1	1
85	1	1
95	0	

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
6'	44.9	3.7
8'	25.3	5.0
10'	16.2	6.2
12'	11.2	7.5
14'	8.2	8.7
16'	6.3	9.9

Beam Distribution: 36°

Designed for 50,000 Hour Lamp Life*; LM-79 Test No. 64668

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

*Dependent on surrounding temperatures