

LIR800

18W and 27W LED Cylinder Odyssey Flexible Track Fixture

Specifications/Features

Fixture

18W and 27W high performance, dimmable LED track fixture. Sleek, cylindrical shape with integral driver housing. Decorative extruded aluminum heat sink with vertically oriented fins for optimal heat dissipation. LEDs are available in spot, medium or flood beam distributions and three color temperatures: 2700K, 3000K and 3500K. Standard dimming driver provides smooth, flicker free dimming down to 10%. Lockable, precision aiming. Fixtures features 350° horizontal rotation and 180° vertical lockable, aiming adjustment. Includes 1/2" snoot for glare control and as an accessory holder. Will accept one (1) LF18 lens or louver.

Lamp

LED light engine consists of seven (7) high brightness LEDs with highly efficient, individual TIR optics providing consistent, uniform beam distributions. System designed and rated for 50,000 hours at 70% lumen maintenance. Color Temperature: 2700K (2725 ± 145)
3000K (3045 ± 175)
3500K (3465 ± 245)

Electrical

18W Dimming Driver Specifications: Input Voltage: 90-135VAC, 47-63Hz
Input Current: <0.30A @ 120VAC
27W Dimming Driver Specifications: Input Voltage: 110-220VAC, 47-63Hz
Input Current: 0.30A @ 120VAC,
0.15A @ 220VAC

Warranty

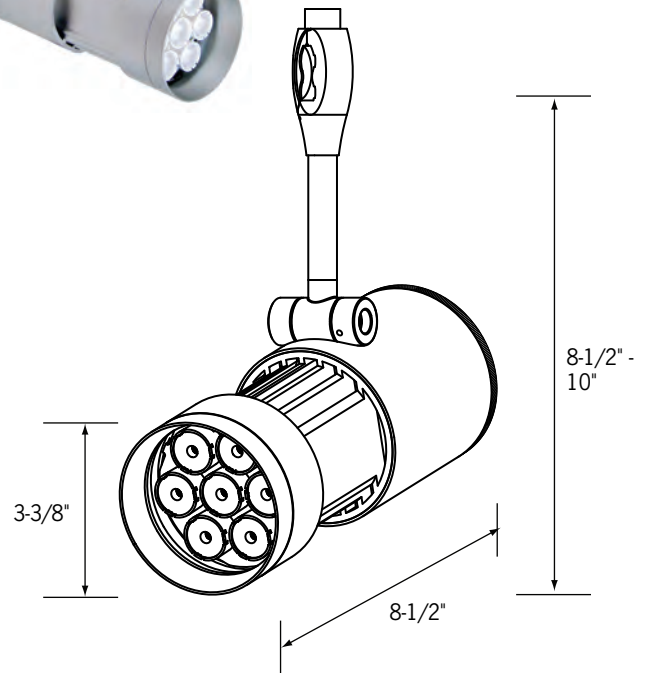
This complete fixture is covered by ConTech's full five (5) year replacement guarantee after date of purchase.

Listing

cCSAus Certified to UL Standards. Suitable for dry locations.



**DISCONTINUED ITEM:
LIMITED INVENTORY**
Consult Factory for Availability



Ordering Information

Example Order: -

Fixture	Wattage	Beam	Color Temp	Dimming	Finish	Accessories
<input type="text" value="LIR800"/>	<input type="text" value="1 - 18W
2 - 27W"/>	<input type="text" value="S - Spot
M - Medium
F - Flood"/>	<input type="text" value="27 - 2700K
3 - 3000K
35 - 3500K"/>	<input type="text" value="D - Dimming"/>	<input type="text" value="AB - Antique Bronze
S - Silver"/>	<input dia.="" tempered<br="" type="text" value="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"/> 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 Filter), -SL (Soft Light),
-UV (Optivex UV Filter)

LIR800

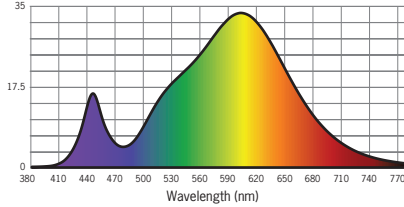
18W and 27W LED Cylinder Odyssey Flexible Track Fixture

Photometrics

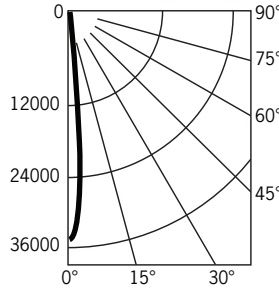
LIR8002S3

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



Candela Curve



Candlepower Summary

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	

Intensity Distribution

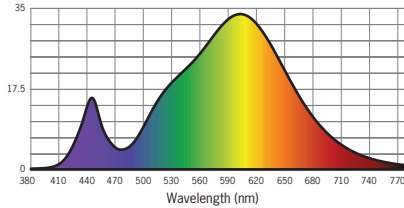
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
6'	960.3	1.2
8'	540.1	1.6
10'	345.7	2.0
12'	240.1	2.4
14'	176.4	2.7
16'	135.0	3.1

Beam Distribution: 11°
 Spacing Criterion: 0.19

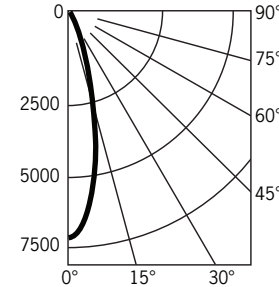
LIR8002LM3

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



Candela Curve



Candlepower Summary

FROM 0	CANDELA	LUMENS
0	6982	542
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	

Intensity Distribution

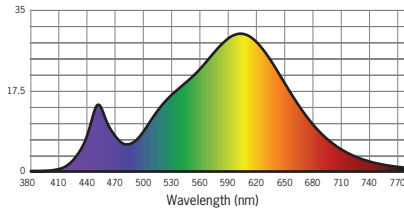
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
6'	193.9	2.6
8'	109.1	3.5
10'	69.8	4.3
12'	48.5	5.2
14'	35.6	6.1
16'	27.3	7.0

Beam Distribution: 26°
 Spacing Criterion: 0.43

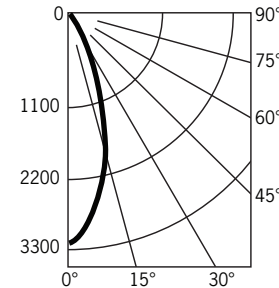
LIR8002F3

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



Candela Curve



Candlepower Summary

FROM 0	CANDELA	LUMENS
0	3205	275
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	

Intensity Distribution

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