

CTL8072 CTL8073

25W and 35W LED Track Fixture

Specifications/Features

Fixture

25W LED Cylinder Track Fixture delivering up to 2100 lumens.
35W LED Cylinder Track Fixture delivering up to 3200 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.
Fixture will accept (1) LF20 lens, (1) LA-37 egg crate louver or BD20 barn doors by using FA-20 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 Medium and Flood 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

25W Driver Specifications:
Input Wattage 25W
Input Voltage: 120VAC, 50/60Hz
Dimming: Forward Phase (Incandescent)
35W Driver Specifications:
Input Wattage 35W
Input Voltage: 120VAC, 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.
HTL, LTL, and PTL versions are cCSAus Certified

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

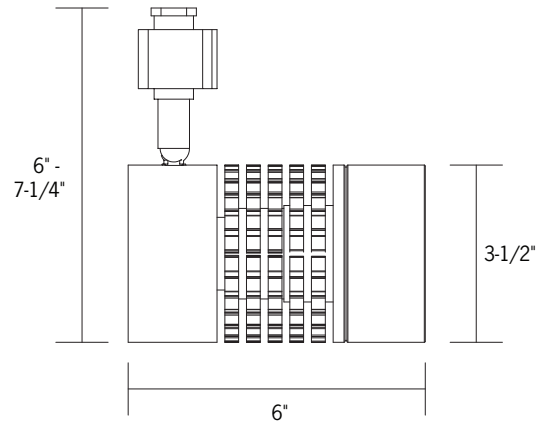
Example Order: –

Track System	Fixture	Beam	Color Temp	Dimming Option	Finish	Accessory Holder	Accessories
CTL - ConTech	8072 - 25W	M - Medium	27 - 2700K	D - Dimming	B - Black	FA-20 -(B, P, S)	LF20 - A, B, CL, G, LB, R, RO, Y, 73, LS, SL, UV 3-3/4" Dia. tempered glass lenses
HTL - Halo	8073 - 35W	F - Flood	3 - 3000K		P - White		
LTL - Lightolier			35 - 3500K		S - Silver		LA-37 -(B,P,S) - Egg-Crate Louver
PTL - Capri							BD20 - Black Barn Doors

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

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)



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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:

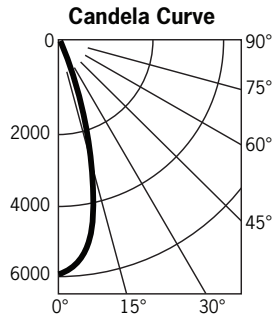
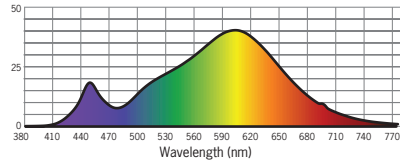
CCT	Standard CRI
2700K	1.0
3000K	N/A
3500K	1.07

CTL8072M3D

Designed for 50,000 Hour Lamp Life¹; LM-63 Test No. 82607

Light Output (Fixture Delivered Lumens): 2103
Total Watts@120V: 23.8; **Lumens Per Watt:** 88.4
Center Beam Candle Power: 5985
Color Rendering Index (CRI)²: 84
Color Temperature (CCT)³: 3044K Warm White
Spectral Power Distribution Chart⁴

LM-79 Test No. 82612



Candlepower Summary

FROM 0	CANDELA	LUMENS
0	5985	
5	5634	496
15	2871	784
25	812	401
35	299	192
45	135	107
55	69	63
65	40	40
75	17	18
85	1	2
95	0	

Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
6'	166.3	2.9
8'	93.5	3.9
10'	59.9	4.9
12'	41.6	5.8
14'	30.5	6.8
16'	23.4	7.8

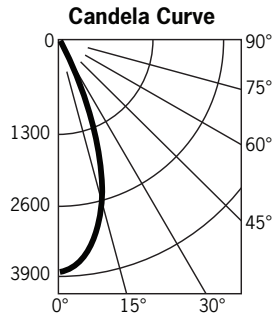
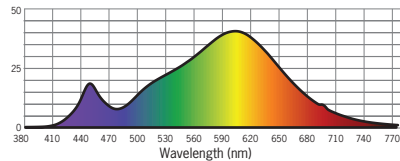
Beam Distribution: 29°

CTL8072F3D

Designed for 50,000 Hour Lamp Life¹; LM-63 Test No. 82608

Light Output (Fixture Delivered Lumens): 2149
Total Watts@120V: 24.0; **Lumens Per Watt:** 89.5
Center Beam Candle Power: 3852
Color Rendering Index (CRI)²: 83
Color Temperature (CCT)³: 2983K Warm White
Spectral Power Distribution Chart⁴

LM-79 Test No. 82613



Candlepower Summary

FROM 0	CANDELA	LUMENS
0	3852	
5	3696	340
15	2665	727
25	1223	564
35	387	257
45	153	122
55	78	71
65	45	44
75	20	21
85	1	3
95	0	

Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
6'	107.0	3.9
8'	60.2	5.2
10'	38.5	6.4
12'	26.8	7.7
14'	19.7	9.0
16'	15.0	10.3

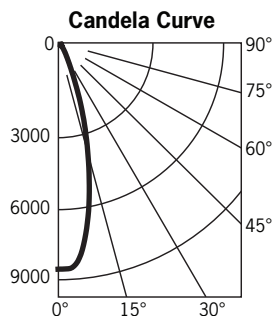
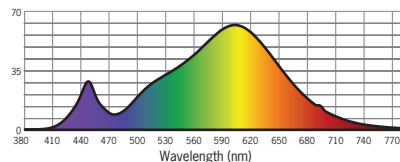
Beam Distribution: 40°

CTL8073M3D

Designed for 50,000 Hour Lamp Life¹; LM-63 Test No. 87463

Light Output (Fixture Delivered Lumens): 3207
Total Watts@120V: 34.2; **Lumens Per Watt:** 93.8
Center Beam Candle Power: 8524
Color Rendering Index (CRI)²: 81
Color Temperature (CCT)³: 3016K
Spectral Power Distribution Chart⁴

LM-79 Test No. 87463



Candlepower Summary

FROM 0	CANDELA	LUMENS
0	8524	
5	8261	726
15	4173	1150
25	1207	595
35	462	297
45	235	185
55	137	124
65	79	79
75	38	40
85	4	7
95	0	

Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4'	532.8	2.0
6'	236.8	3.0
8'	133.2	4.0
10'	85.2	4.9
12'	59.2	5.9
14'	43.5	6.9

Beam Distribution: 30°
Spacing Criterion: 0.49

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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Photometrics

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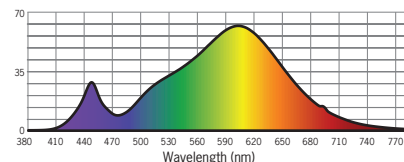
CCT	Standard CRI
2700K	1.0
3000K	N/A
3500K	1.07

CTL8073F3D

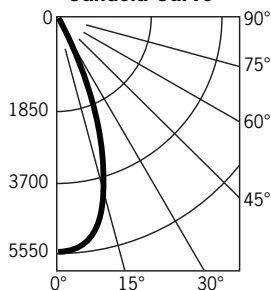
Designed for 50,000 Hour Lamp Life¹; LM-63 Test No. 87464

Light Output (Fixture Delivered Lumens): 3217
Total Watts@120V: 34.2; **Lumens Per Watt:** 94.1
Center Beam Candle Power: 5535
Color Rendering Index (CRI)²: 81
Color Temperature (CCT)³: 3017K
Spectral Power Distribution Chart⁴

LM-79 Test No. 87464



Candela Curve



Candlepower Summary

FROM 0	CANDELA	LUMENS
0	5535	
5	5381	495
15	3901	1066
25	1832	843
35	593	393
45	238	190
55	126	115
65	72	72
75	33	35
85	3	6
95	0	

Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4'	345.9	2.6
6'	153.8	3.9
8'	86.5	5.2
10'	55.4	6.5
12'	38.4	7.9
14'	28.2	9.2

Beam Distribution: 40°
Spacing Criterion: 0.65

Dimming

Compatible with most Triac (Incandescent) Dimmers

Triac (Incandescent)

- Lutron Skylark
- Lutron Toggler
- Lutron Diva
- Leviton Illumatech
- Leviton SureSlide

1. Dependent on surrounding temperatures, 2. Accuracy of rendering colors, 3. Color appearance of light source, 4. Colors present within the light source