

CTL825 SERIES | O3 Track Luminaire Photometrics

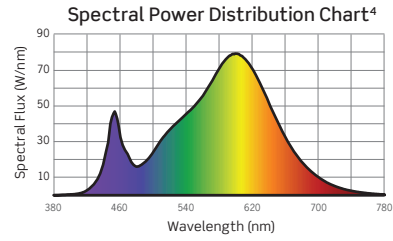
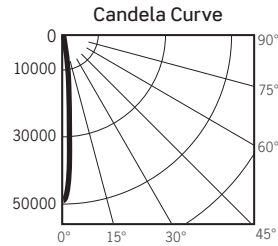
PHOTOMETRICS

CTL825HS3D: Spot Beam

LM-63 Test No. G20102203; LM-79 Test No. S20090402

Fixture Delivered Lumens: 4377
 Total Watts@120V: 44
 Lumens Per Watt: 98.5
 Center Beam Candle Power: 49916
 Beam Distribution: 13°
 Spacing Criterion: 0.24
 Color Rendering Index (CRI)¹: 82
 Color Temperature (CCT)²: 3059K
 Designed for 50,000 Hour Lamp Life³

Intensity Distribution		
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIA. (FT.)
6 FT	1386.6	1.4
8 FT	779.9	1.9
10 FT	499.2	2.3
12 FT	346.6	2.8
14 FT	254.7	3.3
16 FT	195.0	3.8

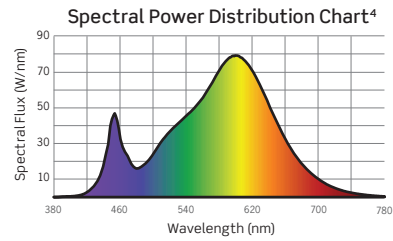
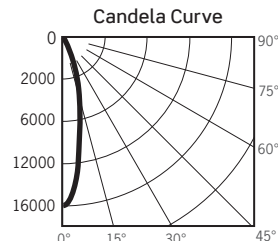


CTL825HM3D: Medium Beam

LM-63 Test No. G20102202; LM-79 Test No. S20090402

Fixture Delivered Lumens: 4198
 Total Watts@120V: 44
 Lumens Per Watt: 95.4
 Center Beam Candle Power: 15972
 Beam Distribution: 25°
 Spacing Criterion: 0.46
 Color Rendering Index (CRI)¹: 82
 Color Temperature (CCT)²: 3059K
 Designed for 50,000 Hour Lamp Life³

Intensity Distribution		
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIA. (FT.)
6 FT	443.7	2.6
8 FT	249.6	3.5
10 FT	159.7	4.4
12 FT	110.9	5.2
14 FT	81.5	6.1
16 FT	62.4	7.0

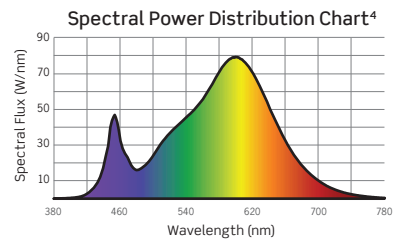
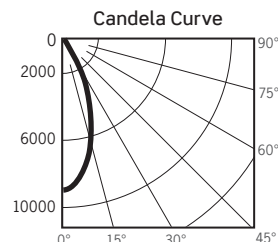


CTL825HF3D: Flood Beam

LM-63 Test No. G20070703; LM-79 Test No. S20090402

Fixture Delivered Lumens: 4263
 Total Watts@120V: 44
 Lumens Per Watt: 97.3
 Center Beam Candle Power: 9013
 Beam Distribution: 42°
 Spacing Criterion: 0.68
 Color Rendering Index (CRI)¹: 82
 Color Temperature (CCT)²: 3059K
 Designed for 50,000 Hour Lamp Life³

Intensity Distribution		
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIA. (FT.)
6 FT	250.4	4.6
8 FT	140.8	6.2
10 FT	90.1	7.7
12 FT	62.6	9.3
14 FT	46.0	10.8
16 FT	35.2	12.4

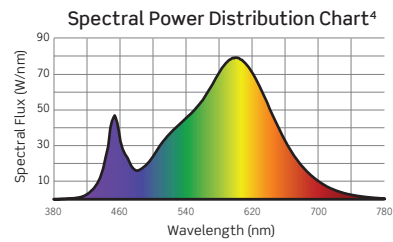
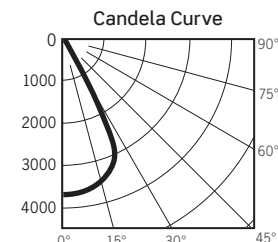


CTL825HW3D: Wide Flood Beam

LM-63 Test No. G20102201; LM-79 Test No. S20090402

Fixture Delivered Lumens: 3577
 Total Watts@120V: 44
 Lumens Per Watt: 81.3
 Center Beam Candle Power: 3681
 Beam Distribution: 59°
 Spacing Criterion: 0.83
 Color Rendering Index (CRI)¹: 82
 Color Temperature (CCT)²: 3059K
 Designed for 50,000 Hour Lamp Life³

Intensity Distribution		
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIA. (FT.)
6 FT	102.2	6.7
8 FT	57.5	9.0
10 FT	36.8	11.2
12 FT	25.6	13.5
14 FT	18.8	15.7
16 FT	14.4	18.0



1. Accuracy of Rendering Colors 2. Color Appearance of Light Source 3. Dependent on Surrounding Temperatures 4. Colors Present within the Light Source

PHOTOMETRIC MULTIPLIERS

Lumen output values fluctuate based on Color Temperature (CCT), Color Rendering Index (CRI) and Wattage. To estimate lumen output of other combinations, multiply the published results by the following factors:

CCT MULTIPLIERS		
CCT	STD. CRI	HIGH CRI
2700K	0.95	0.74
3000K	1.00	0.85
3500K	1.03	0.89
4000K	1.07	0.92

OUTPUT MULTIPLIERS				
18W SERIES 1	26W SERIES 2	33W SERIES 3	38W SERIES 4	44W SERIES 5
0.48	0.66	0.80	0.89	1.00

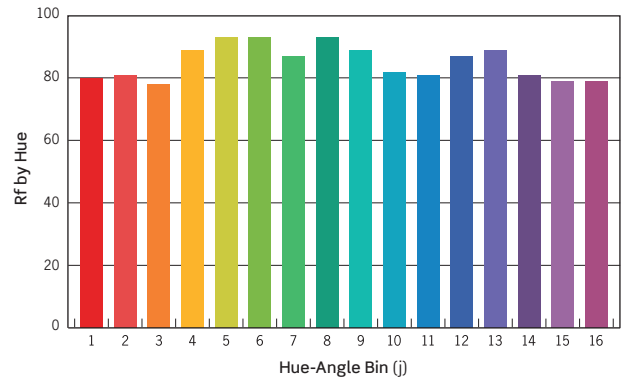
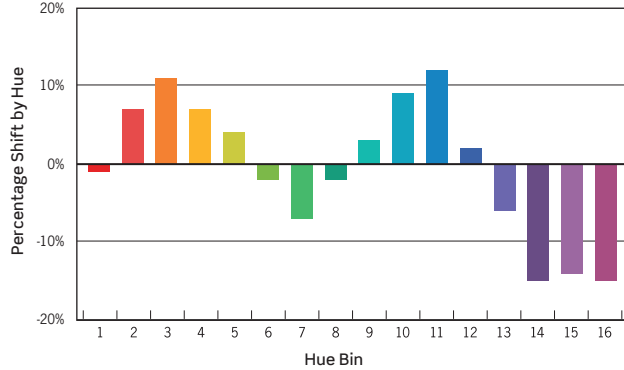
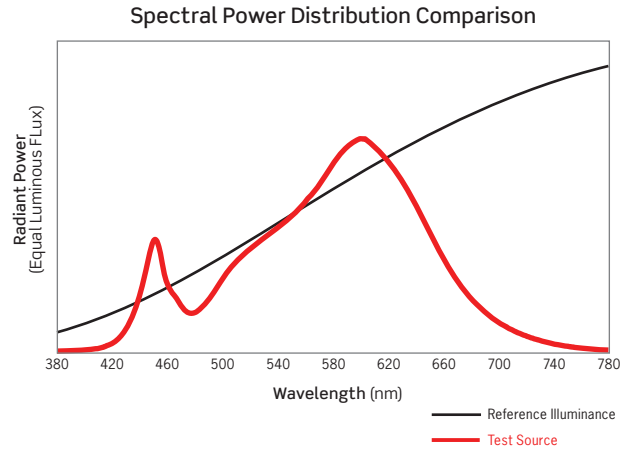
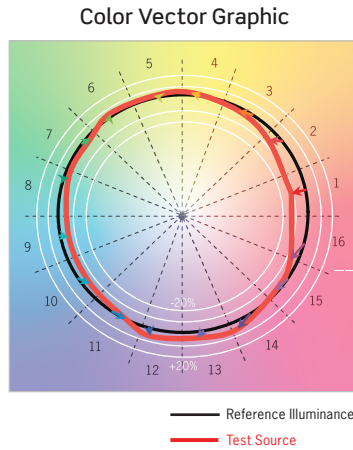
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PHOTOMETRICS

TM-30 DATA: CTL8255VF3D

ANSI/IES TM-30-18 Color Rendition Report Test No. S20090402

R_f	85
R_g	96
CCT(K)	3116K
D_{uv}	0.0017
u^l	0.2460
v^l	0.5214



HUE BIN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
HUE SHIFT	-1%	7%	11%	7%	4%	-2%	-7%	-2%	3%	9%	12%	2%	-6%	-15%	-14%	-15%
R _f VALUE	80	81	78	89	93	93	87	93	89	82	81	87	89	81	79	79

Colors are for visual orientation purposes only