

CTL94 SERIES | Gallery XL Track Luminaire Photometrics

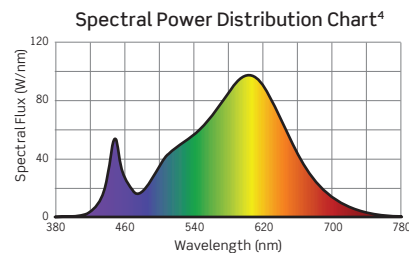
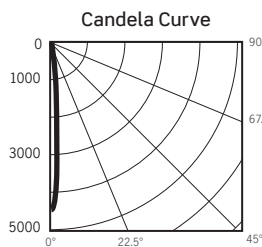
PC OPTIC | VERY NARROW SPOT

CTL943VN3KD

LM-63 Test No. G24062604; LM-79 Test No. S22031501

Fixture Delivered Lumens: 1550.2
 Total Watts@120V: 37.4
 Lumens Per Watt: 41.5
 Center Beam Candle Power: 45100
 Beam Distribution: 8.4°
 Spacing Criterion: 0.17
 Color Rendering Index (CRI)¹: 83.1
 Color Temperature (CCT)²: 3086K
 Designed for 50,000 Hour Lamp Life³

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIA. (FT.)
6 FT	1252.8	0.9
8 FT	704.7	1.2
10 FT	451.0	1.5
12 FT	313.2	1.8
14 FT	230.1	2.1
16 FT	176.2	2.3



PHOTOMETRIC MULTIPLICATION FACTORS FOR VERY NARROW SPOT ONLY

Lumen output values fluctuate based on Color Temperature, Luminaire Wattage/Output and Trim Selection. To estimate lumen output of these various options, multiply 3000K results by the following:

CCT	STD CRI	HIGH CRI
2700K	0.98	0.81
3000K	N/A	0.85
3500K	1.01	0.86
4000K	1.02	0.89

Luminaire	Multiplier
13W SERIES 0	0.48
20W SERIES 1	0.66
29W SERIES 2	0.87
38W SERIES 3	1.00

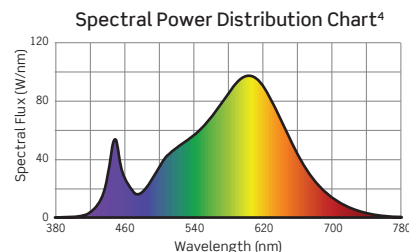
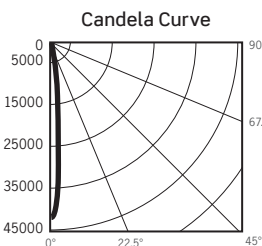
PC OPTIC | NARROW SPOT

CTL944NS3KD

LM-63 Test No. G24062603; LM-79 Test No. S22031501

Fixture Delivered Lumens: 1948.8
 Total Watts@120V: 41.0
 Lumens Per Watt: 47.6
 Center Beam Candle Power: 42188
 Beam Distribution: 10.6°
 Spacing Criterion: 0.20
 Color Rendering Index (CRI)¹: 83.1
 Color Temperature (CCT)²: 3086K
 Designed for 50,000 Hour Lamp Life³

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIA. (FT.)
6 FT	1171.9	1.1
8 FT	659.2	1.5
10 FT	421.9	1.9
12 FT	293.0	2.2
14 FT	215.2	2.6
16 FT	164.8	3.0



PHOTOMETRIC MULTIPLICATION FACTORS FOR NARROW SPOT ONLY

Lumen output values fluctuate based on Color Temperature, Luminaire Wattage/Output and Optic Selection. To estimate lumen output of these various options, multiply 3000K results by the following:

CCT	STD CRI	HIGH CRI
2700K	0.98	0.81
3000K	N/A	0.85
3500K	1.01	0.86
4000K	1.02	0.89

Luminaire	Multiplier
13W SERIES 0	0.36
20W SERIES 1	0.53
29W SERIES 2	0.75
38W SERIES 3	0.92

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

CTL94 SERIES | Gallery XL Track Luminaire Photometrics

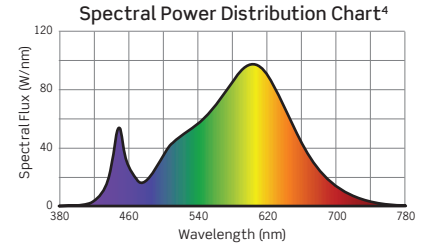
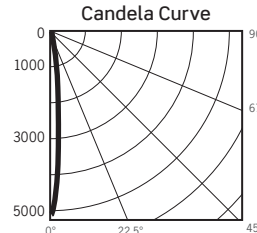
ALUMINUM REFLECTOR | SPOT

CTL945SP3KD

LM-63 Test No. G24062701; LM-79 Test No. S22031501

Fixture Delivered Lumens: 4051.4
 Total Watts@120V: 47.4
 Lumens Per Watt: 85.5
 Center Beam Candle Power: 51787
 Beam Distribution: 10.8°
 Spacing Criterion: 0.23
 Color Rendering Index (CRI)¹: 83.1
 Color Temperature (CCT)²: 3086K
 Designed for 50,000 Hour Lamp Life³

Intensity Distribution		
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIA. (FT.)
6 FT	1438.5	1.1
8 FT	809.2	1.5
10 FT	517.9	1.9
12 FT	359.9	2.3
14 FT	264.2	2.6
16 FT	202.3	3.0



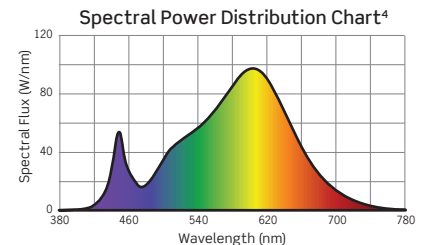
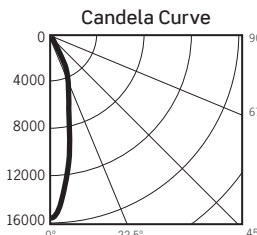
ALUMINUM REFLECTOR | MEDIUM

CTL945ME3KD

LM-63 Test No. G24062702; LM-79 Test No. S22031501

Fixture Delivered Lumens: 4226.1
 Total Watts@120V: 47.4
 Lumens Per Watt: 90.0
 Center Beam Candle Power: 15614
 Beam Distribution: 22.3°
 Spacing Criterion: 0.49
 Color Rendering Index (CRI)¹: 83.1
 Color Temperature (CCT)²: 3086K
 Designed for 50,000 Hour Lamp Life³

Intensity Distribution		
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIA. (FT.)
6 FT	433.7	2.4
8 FT	244.0	3.2
10 FT	156.1	3.9
12 FT	108.4	4.7
14 FT	79.7	5.5
16 FT	61.0	6.3



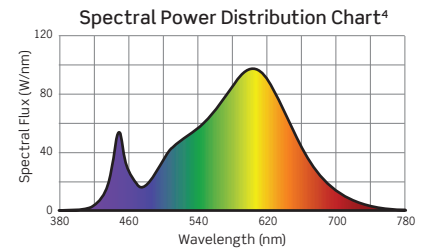
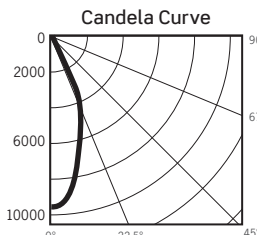
ALUMINUM REFLECTOR | FLOOD

CTL945FL3KD

LM-63 Test No. G24062703; LM-79 Test No. S22031501

Fixture Delivered Lumens: 4462.9
 Total Watts@120V: 47.4
 Lumens Per Watt: 94.2
 Center Beam Candle Power: 9572
 Beam Distribution: 41.3°
 Spacing Criterion: 0.66
 Color Rendering Index (CRI)¹: 83.1
 Color Temperature (CCT)²: 3086K
 Designed for 50,000 Hour Lamp Life³

Intensity Distribution		
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIA. (FT.)
6 FT	265.9	4.5
8 FT	149.6	6.0
10 FT	95.7	7.5
12 FT	66.5	9.0
14 FT	48.8	10.5
16 FT	37.4	12.1



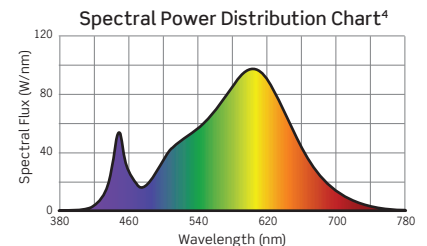
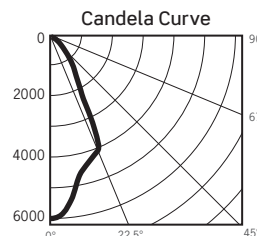
ALUMINUM REFLECTOR | WIDE FLOOD

CTL945WF3KD

LM-63 Test No. G24062801; LM-79 Test No. S22031501

Fixture Delivered Lumens: 4397.6
 Total Watts@120V: 47.4
 Lumens Per Watt: 92.8
 Center Beam Candle Power: 6004
 Beam Distribution: 50.4°
 Spacing Criterion: 0.75
 Color Rendering Index (CRI)¹: 83.1
 Color Temperature (CCT)²: 3086K
 Designed for 50,000 Hour Lamp Life³

Intensity Distribution		
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIA. (FT.)
6 FT	166.8	5.7
8 FT	93.8	7.5
10 FT	60.0	9.4
12 FT	41.7	11.3
14 FT	30.6	13.2
16 FT	23.5	15.1



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

ALUMINUM REFLECTOR PHOTOMETRIC MULTIPLICATION FACTORS

Lumen output values fluctuate based on Color Temperature, Luminaire Wattage/Output and Optic Selection. To estimate lumen output of these various options, multiply 3000K results by the following:

CCT MULTIPLIERS		
CCT	STD CRI	HIGH CRI
2700K	0.98	0.81
3000K	N/A	0.85
3500K	1.01	0.86
4000K	1.02	0.89

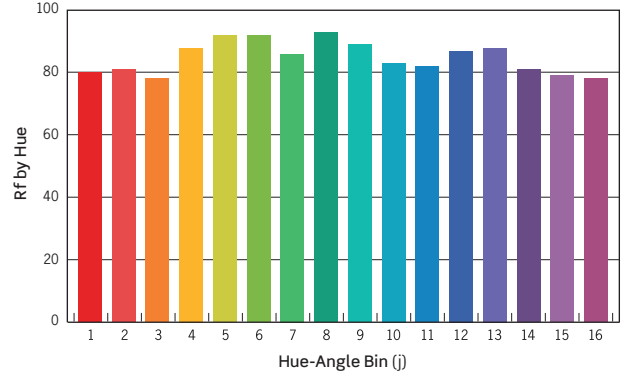
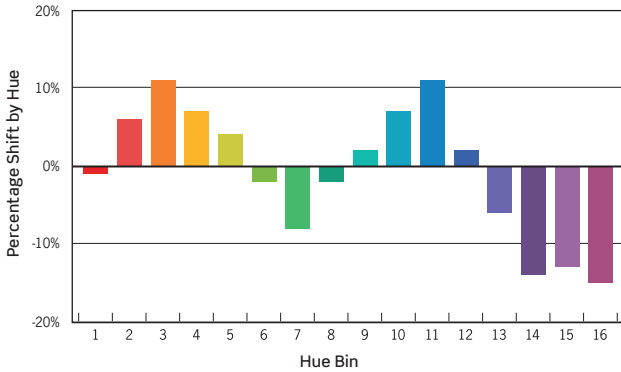
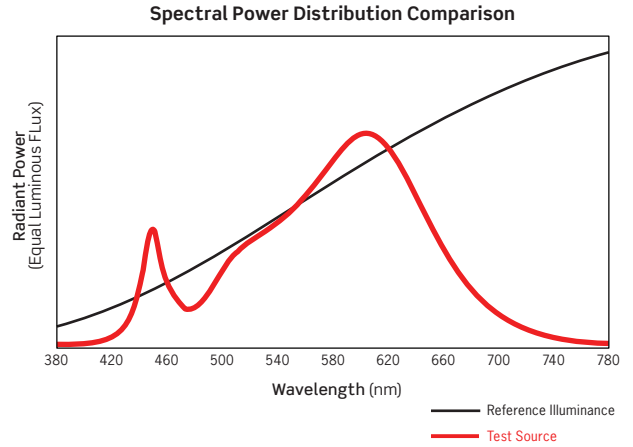
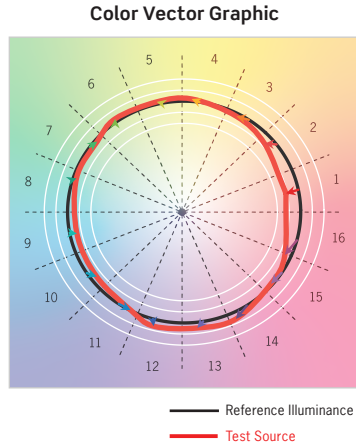
OUTPUT MULTIPLIERS			
Luminaire	Multiplier	Luminaire	Multiplier
13W SERIES 0	0.32	38W SERIES 3	0.82
20W SERIES 1	0.47	42W SERIES 4	0.90
29W SERIES 2	0.66	49W SERIES 5	1.00

CTL94 SERIES | Gallery XL Track Luminaire Photometrics

TM-30 DATA: CTL945ME3KD

ANSI/IES TM-30-18 Color Rendition Report Test No. S22031501

R_f	86
R_g	96
CCT(K)	3086K
D_{uv}	0.0019
u^j	0.2469
v^j	0.5223



HUE BIN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
HUE SHIFT	-1%	6%	11%	7%	4%	-2%	-7%	-2%	2%	7%	11%	2%	-6%	-14%	-13%	-15%
R _f VALUE	81	82	79	89	93	93	87	94	90	84	83	88	89	82	80	79

Colors are for visual orientation purposes only