

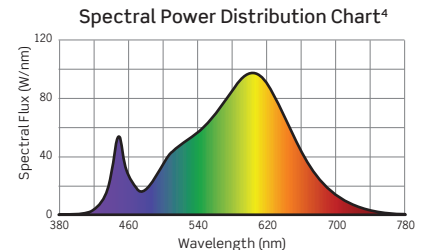
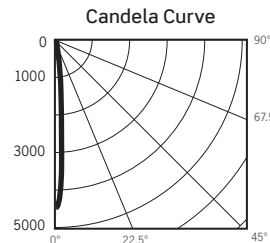
CTL94 SERIES | Gallery XL Track Luminaire Standard Luminous Photometry

CTL943VN3KD: 38W, 3000K, 83 CRI, VERY NARROW SPOT PC OPTIC

Test No. G24062604

Fixture Delivered Lumens: 1550.2
Total Watts@120V: 37.4
Lumens Per Watt: 41.5
Center Beam Candle Power: 45100
Beam Distribution: 8.4°
Field Distribution: 16.6°
Spacing Criterion: 0.17
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	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



VERY NARROW SPOT OPTIC OUTPUT MULTIPLIERS

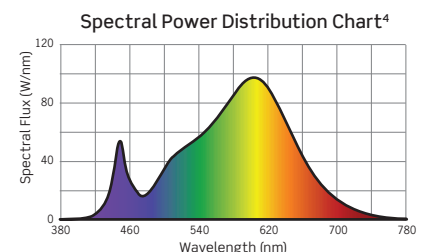
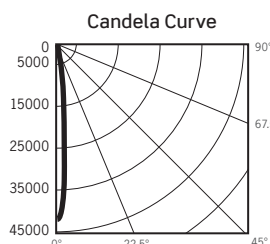
13W	20W	29W	38W
0.48	0.66	0.87	1.00

CTL944NS3KD: 42W, 3000K, 83 CRI, NARROW SPOT PC OPTIC

Test No. G24062603

Fixture Delivered Lumens: 1948.8
Total Watts@120V: 41.0
Lumens Per Watt: 47.6
Center Beam Candle Power: 42188
Beam Distribution: 10.6°
Field Distribution: 22.0°
Spacing Criterion: 0.20
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	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



NARROW SPOT OPTIC OUTPUT MULTIPLIERS

13W	20W	29W	38W
0.36	0.53	0.75	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

PHOTOMETRIC MULTIPLICATION FACTORS

Lumen output values fluctuate based on Color Temperature (CCT), Color Rendering Index (CRI), and Luminaire Wattage/Output. To estimate lumen output of the various options, multiply the 3000K standard CRI results by the following:

CCT MULTIPLIERS		
CCT	STANDARD CRI	HIGH (90+) CRI
2700K	0.98	0.81
3000K	1.00	0.85
3500K	1.01	0.86
4000K	1.02	0.89

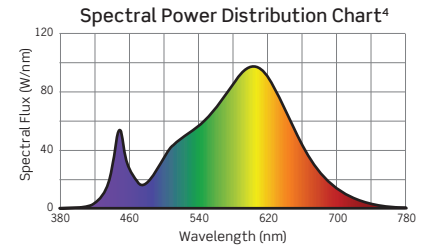
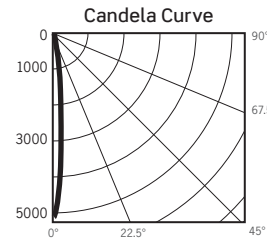
CTL94 SERIES | Gallery XL Track Luminaire Standard Luminous Photometry

CTL945SP3KD: 48W, 3000K, 83 CRI, SPOT ALUMINUM REFLECTOR

Test No. G24062701

Fixture Delivered Lumens: 4051.4
Total Watts@120V: 47.4
Lumens Per Watt: 85.5
Center Beam Candle Power: 51787
Beam Distribution: 10.8°
Field Distribution: 26.2°
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

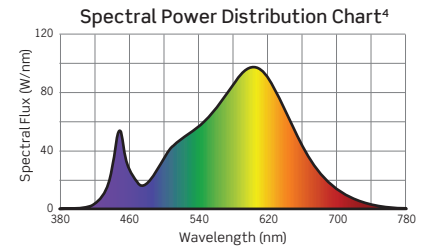
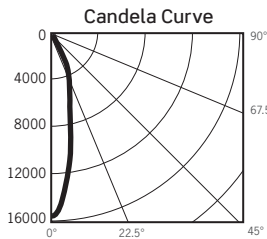


CTL945ME3KD: 48W, 3000K, 83 CRI, MEDIUM ALUMINUM REFLECTOR

Test No. G24062702

Fixture Delivered Lumens: 4226.1
Total Watts@120V: 47.4
Lumens Per Watt: 90.0
Center Beam Candle Power: 15614
Beam Distribution: 22.3°
Field Distribution: 52.2°
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

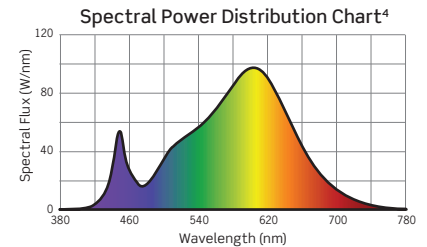
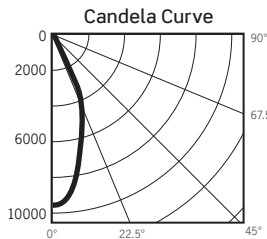


CTL945FL3KD: 48W, 3000K, 83 CRI, FLOOD ALUMINUM REFLECTOR

Test No. G24062703

Fixture Delivered Lumens: 4462.9
Total Watts@120V: 47.4
Lumens Per Watt: 94.2
Center Beam Candle Power: 9572
Beam Distribution: 41.3°
Field Distribution: 65.8°
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

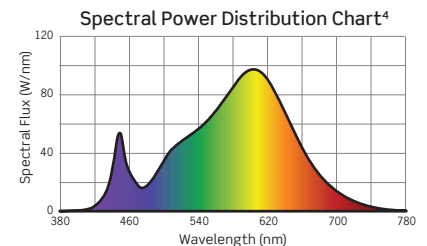
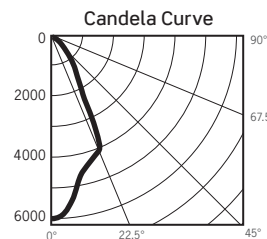


CTL945SP3KD: 48W, 3000K, 83 CRI, WIDE FLOOD ALUMINUM REFLECTOR

Test No. G24062801

Fixture Delivered Lumens: 4397.6
Total Watts@120V: 47.4
Lumens Per Watt: 92.8
Center Beam Candle Power: 6004
Beam Distribution: 50.4°
Field Distribution: 82.9°
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

PHOTOMETRIC MULTIPLICATION FACTORS

Lumen output values fluctuate based on Color Temperature (CCT), Color Rendering Index (CRI), and Luminaire Wattage/Output. To estimate lumen output of the various options, multiply the 3000K standard CRI results by the following:

CCT MULTIPLIERS		
CCT	STD. CRI	HIGH (90+) CRI
2700K	0.98	0.81
3000K	1.00	0.85
3500K	1.01	0.86
4000K	1.02	0.89

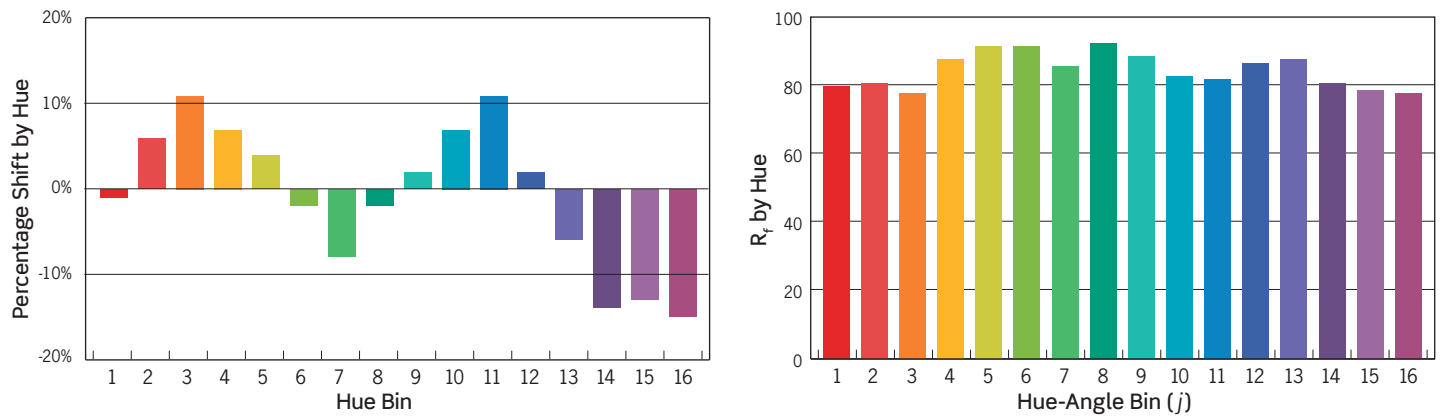
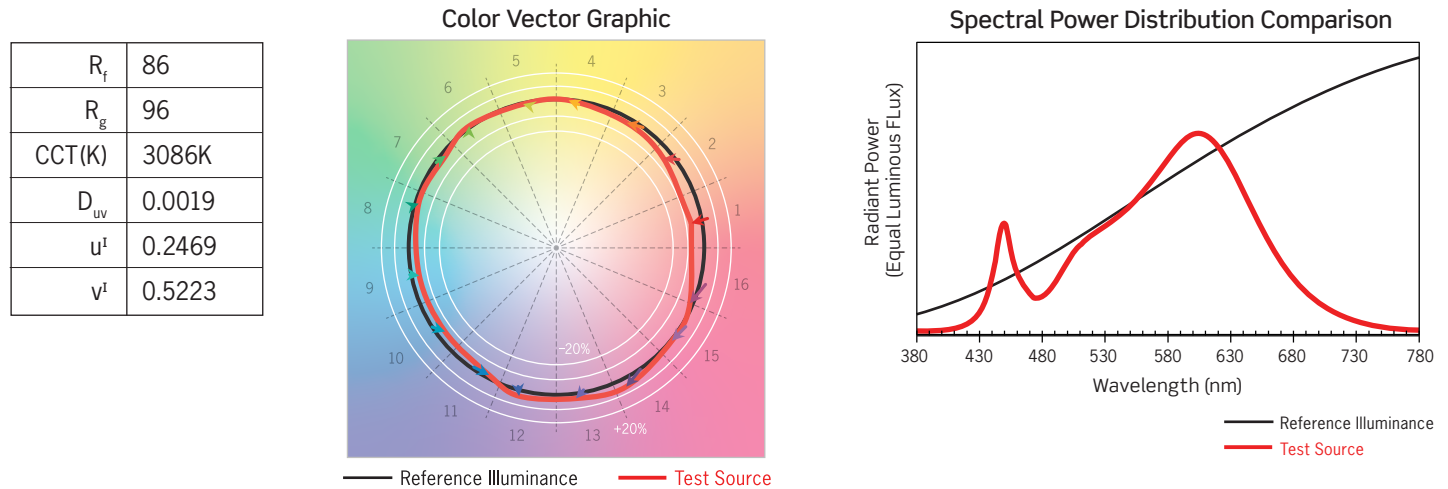
OUTPUT MULTIPLIERS					
13W	20W	29W	38W	42W	49W
0.32	0.47	0.66	0.82	0.90	1.00

CTL94 SERIES | Gallery XL Track Luminaire Standard Luminous Photometry

TM-30 DATA: CTL945ME3KD

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

Colors are for visual orientation purposes only



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