

DATE

PROJECT

TYPE

CTL94 SERIES | Gallery XL LED Track Luminaire Photometrics

PC OPTIC | VERY NARROW SPOT

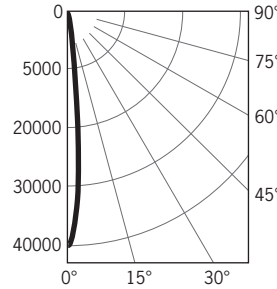
CTL943VN3KD

Fixture Delivered Lumens: 1568.0
 Total Watts@120V: 37.0
 Lumens Per Watt: 42.4
 Center Beam Candle Power: 3990.4
 Beam Distribution: 10.1°
 Field Distribution: 18.4°
 Spacing Criterion: 0.18
 Color Rendering Index (CRI)¹: 83.1
 Color Temperature (CCT)²: 3086K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G22052303
 LM-79 Test No. S22031501

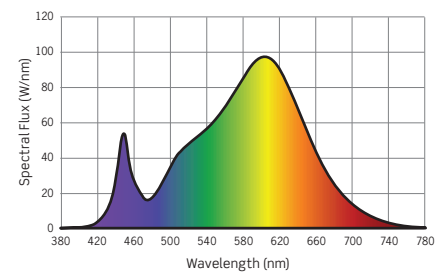
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
6 FT	1108.4	1.1
8 FT	623.5	1.4
10 FT	399.0	1.8
12 FT	277.1	2.1
14 FT	203.6	2.5
16 FT	155.9	2.8

Candela Curve



Spectral Power Distribution Chart⁴



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 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 MULTIPLIERS						OUTPUT MULTIPLIERS			
CCT	STD CRI	HIGH CRI	CCT	STD CRI	HIGH CRI	13W SERIES 0	20W SERIES 1	29W SERIES 2	38W SERIES 3
2700K	0.98	0.81	3500K	1.01	0.86	0.48	0.66	0.87	1.00
3000K	N/A	0.85	4000K	1.02	0.89				

PC OPTIC | NARROW SPOT

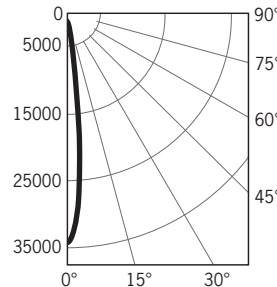
CTL944NS3KD

Fixture Delivered Lumens: 2022.4
 Total Watts@120V: 41.3
 Lumens Per Watt: 49.0
 Center Beam Candle Power: 3450.9
 Beam Distribution: 12.5°
 Field Distribution: 22.4°
 Spacing Criterion: 0.22
 Color Rendering Index (CRI)¹: 83.1
 Color Temperature (CCT)²: 3086K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G22051603
 LM-79 Test No. S22031501

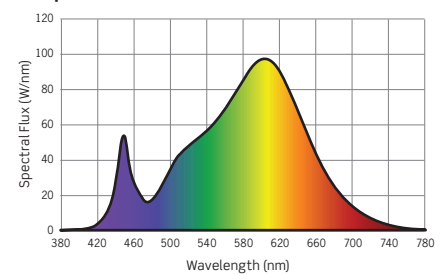
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
6 FT	958.6	1.3
8 FT	539.2	1.8
10 FT	345.1	2.2
12 FT	239.6	2.6
14 FT	176.1	3.1
16 FT	134.8	3.5

Candela Curve



Spectral Power Distribution Chart⁴



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 FOR 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 MULTIPLIERS						OUTPUT MULTIPLIERS			
CCT	STD CRI	HIGH CRI	CCT	STD CRI	HIGH CRI	13W SERIES 0	20W SERIES 1	29W SERIES 2	38W SERIES 3
2700K	0.98	0.81	3500K	1.01	0.86	0.36	0.53	0.75	0.92
3000K	N/A	0.85	4000K	1.02	0.89				

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CTL94 SERIES | Gallery XL LED Track Luminaire Photometrics

ALUMINUM REFLECTOR | MEDIUM

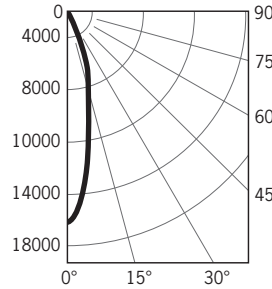
CTL945ME3KD

Fixture Delivered Lumens: 4440.5
 Total Watts@120V: 48.5
 Lumens Per Watt: 91.6
 Center Beam Candle Power: 16197
 Beam Distribution: 24.2°
 Field Distribution: 53.8°
 Spacing Criterion: 0.49
 Color Rendering Index (CRI)¹: 83.1
 Color Temperature (CCT)²: 3086K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G22030402
 LM-79 Test No. S22031501

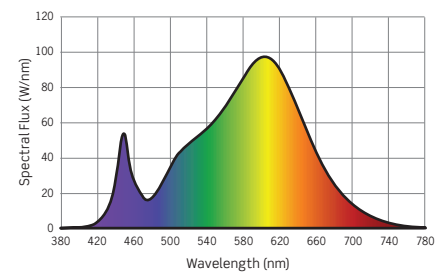
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
6 FT	449.9	2.6
8 FT	253.1	3.4
10 FT	162.0	4.3
12 FT	112.5	5.2
14 FT	82.6	6.0
16 FT	63.3	6.9

Candela Curve



Spectral Power Distribution Chart⁴



ALUMINUM REFLECTOR | FLOOD

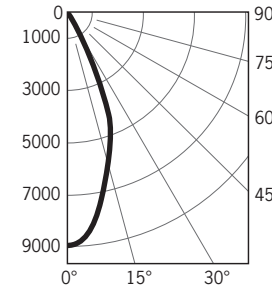
CTL945FL3KD

Fixture Delivered Lumens: 4452.1
 Total Watts@120V: 48.5
 Lumens Per Watt: 91.8
 Center Beam Candle Power: 8947
 Beam Distribution: 44.2°
 Field Distribution: 64.9°
 Spacing Criterion: 0.67
 Color Rendering Index (CRI)¹: 83.1
 Color Temperature (CCT)²: 3086K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G22030403
 LM-79 Test No. S22031501

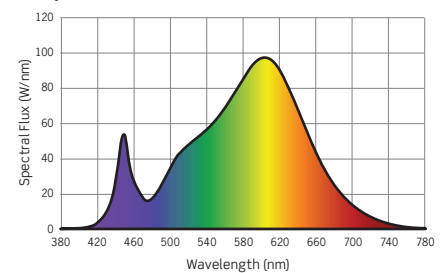
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
6 FT	248.5	4.9
8 FT	139.8	6.5
10 FT	89.5	8.1
12 FT	62.1	9.7
14 FT	45.6	11.4
16 FT	34.9	13.0

Candela Curve



Spectral Power Distribution Chart⁴



ALUMINUM REFLECTOR | WIDE FLOOD

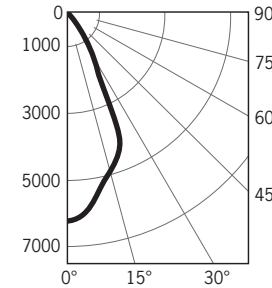
CTL945WF3KD

Fixture Delivered Lumens: 4593.7
 Total Watts@120V: 48.5
 Lumens Per Watt: 94.7
 Center Beam Candle Power: 6210
 Beam Distribution: 51.0°
 Field Distribution: 82.8°
 Spacing Criterion: 0.74
 Color Rendering Index (CRI)¹: 83.1
 Color Temperature (CCT)²: 3086K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G22030402
 LM-79 Test No. S22031501

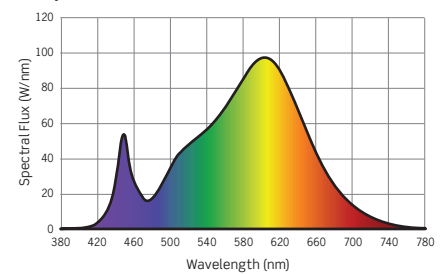
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
6 FT	172.5	5.7
8 FT	97.0	7.6
10 FT	62.1	9.5
12 FT	43.1	11.5
14 FT	31.7	13.4
16 FT	24.3	15.3

Candela Curve



Spectral Power Distribution Chart⁴



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 FOR ALUMINUM REFLECTORS 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 MULTIPLIERS						OUTPUT MULTIPLIERS					
CCT	STD CRI	HIGH CRI	CCT	STD CRI	HIGH CRI	13W SERIES 0	20W SERIES 1	29W SERIES 2	38W SERIES 3	42W SERIES 4	49W SERIES 5
2700K	0.97	0.80	3500K	1.04	0.88	0.32	0.47	0.66	0.82	0.90	1.00
3000K	1.00	0.85	4000K	1.06	0.89						

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TYPE

CTL94 SERIES | Gallery XL LED Track Luminaire Photometrics

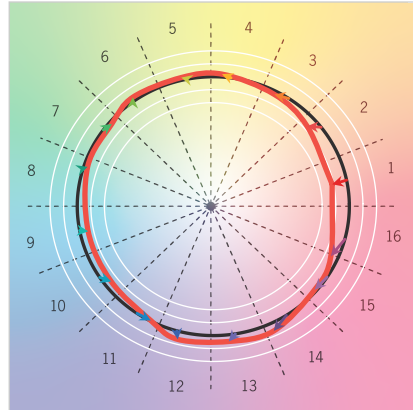
TM-30 DATA: CTL945ME3KD

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

Colors are for visual orientation purposes only

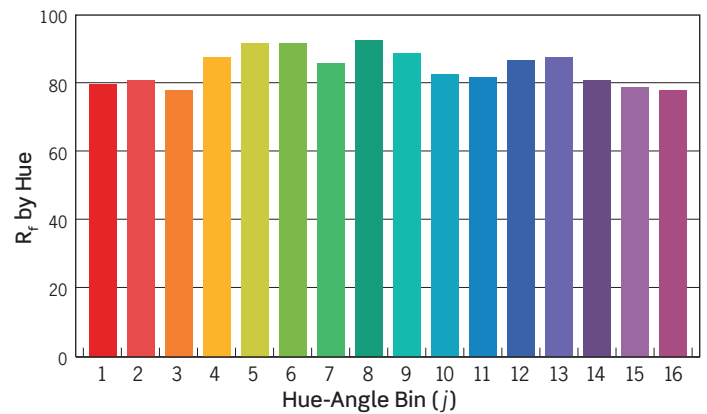
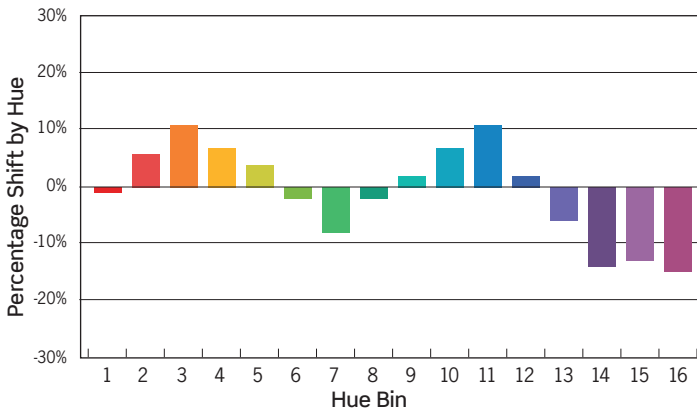
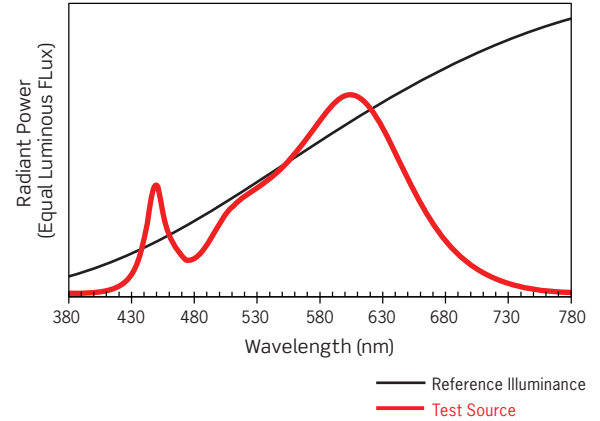
R_f	86
R_g	96
CCT(K)	3086K
D_{uv}	0.0019
u^l	0.2469
v^l	0.5223

Color Vector Graphic



— Reference Illuminance — Test Source

Spectral Power Distribution Comparison



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