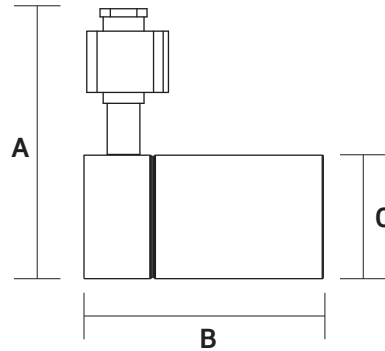


DATE

PROJECT

TYPE

CTL905 SERIES | Eclipse Curve LED Track Luminaires



	A	B	C
CTL9050	4-13/16"	4-3/4"	2-3/8"
CTL9051	4-13/16"	5-1/4"	2-3/4"
CTL9052	4-13/16"	5-1/4"	2-3/4"
CTL9053	5-7/8"	6-1/8"	3-3/16"
CTL9059	6-1/2"	6-7/8"	3-15/16"
CTL9054	6-1/2"	6-7/8"	3-15/16"

	CTL9050	CTL9051	CTL9052	CTL9053	CTL9059	CTL9054
WATTAGE	7W	9W	14W	20W	29W	34W
LUMEN OUTPUT ¹	651Lm	1021Lm	1462Lm	2123Lm	2740Lm	3441Lm
BEAM OPTICS						
Spot ²	15°	N/A	N/A	N/A	N/A	N/A
Medium	N/A	23°	23°	21°	22°	24°
Flood	32°	33°	33°	37°	32°	33°
Wide Flood	58°	52°	52°	57°	47°	48°
COLOR TEMPERATURE	2700K, 3000K, 3500K, 4000K					
CRI	90+					
INPUT WATTAGE	7W	9W	14W	20W	29W	34W
INPUT VOLTAGE	120VAC Dimming, 60Hz					
DIMMING TYPE	Incandescent, Forward Phase					
COMPATIBILITY	CTL Units are compatible with ConTech Lighting LT/LT2 Single Circuit/Two Circuit Track Systems as well as Juno ^{®3} Lighting Trac-Lites™ (R) and Trac-Master™ (T, TU) Track Systems HTL Units are compatible with Halo ⁴ Power-Trac (L64, L65) and Lazer (LZR) Track Systems LTL Units are compatible with Lightolier ⁵ Lytespan [®] 6000/1/2 Track Systems					
LISTINGS	cETLus Listed to UL and CSA Standards; Suitable for Dry Locations only ENERGY STAR [®] Certified Can be used to comply with the 2019 Title 24 Part 6 JA8 High Efficacy LED Light Source Requirements DLC [®] Listed					
WARRANTY	Five (5) year replacement after date of purchase					
SYSTEM RATING	50,000 Hours @ 70% Lumen Maintenance					

1. Approximate lumen output based on 3000K performance; see photometric test results for additional information
 2. Spot Beam available only for CTL9050 Series
 3. Juno is a registered trademark of Juno Lighting
 4. Halo is a registered trademark of Cooper Lighting
 5. Lightolier is a registered trademark of Signify
 6. Spot Beam available only for CTL9050 Series
 7. Medium Beam not available for CTL9050 Series

DATE

PROJECT

TYPE

CTL905 SERIES | Eclipse Curve LED Track Luminaires

ORDERING INFORMATION

Example Order: -

Track System	Luminaire	Beam	Color Temp	Dimming Option	Finish
CTL - ConTech	9050 - 7W/651Lm	S³ - Spot	90+ CRI	D - Dimming	B - Black
HTL ¹ - Halo	9051 - 9W/1021Lm	M⁴ - Medium	27C - 2700K		P - White
LTL ² - Lightolier	9052 - 14W/1462Lm	F - Flood	3C - 3000K		S - Silver
	9053 - 20W/2123Lm	WF - Wide Flood	35C - 3500K		
	9059 - 29W/2740Lm		4C - 4000K		
	9054 - 34W/3441Lm				

1. Halo is a registered trademark of Cooper Lighting
2. Lightolier is a registered trademark of Signify
3. Spot Beam available only for CTL9050 Series
4. Medium Beam not available for CTL9050 Series

ACCESSORY & REPLACEMENT OPTIC ORDERING INFORMATION

ACCESSORY HOLDERS

Black (B) or White (P) Finish;
Includes Honeycomb Louver



CTL9050 Series

FA-91S-(B,P) - Accessory Holder

CTL9051/CTL9052 Series

FA-91M-(B,P) - Accessory Holder

CTL9053 Series

FA-91L-(B,P) - Accessory Holder

CTL9059/CTL9054 Series

FA-91XL-(B,P) - Accessory Holder

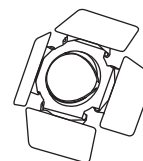
BARN DOORS

CTL9050 Series

BD9S - Black Barn Doors

CTL9051/CTL9052 Series

BD9M - Black Barn Doors



REPLACEMENT OPTICS

Optics are interchangeable and can be field replaced; only upon the same size fixture, not between fixture sizes

CTL9050 Series

CTL9050-S - 15° Spot

CTL9050-F - 32° Flood

CTL9050-WF - 58° Wide Flood

CTL9051/CTL9052 Series

CTL9051/2-M - 23° Medium

CTL9051/2-F - 33° Flood

CTL9051/2-WF - 52° Wide Flood

CTL9053 Series

CTL9053-M - 21° Medium

CTL9053-F - 37° Flood

CTL9053-WF - 57° Wide Flood

CTL9059/CTL9054 Series

CTL9054-M - 24° Medium

CTL9054-F - 33° Flood

CTL9054-WF - 48° Wide Flood

TEMPERED GLASS LENSES

Lenses fit in the respective FA-91 Series Accessory Holder, ordered separately. Lens choice should be entered after the "LF16-" prefix, before lens size.

CTL9050 Series

LF16-* 42MM - 1-5/8-Inch Dia. Lenses

CTL9051/CTL9052 Series

LF16-* 50MM - 2-Inch Dia. Lenses

CTL9053 Series

LF16-* 60MM - 2-3/8-Inch Dia. Lenses

CTL9059/CTL9054 Series

LF16-* 75MM - 2-15/16-In. Dia. Lenses

*Color/Pattern Legend

-73 (Spread Lens), -LS (Linear Spread Lens), -SL (Soft Light),
-SOL (Solite), -UV (Optivex UV Filter), -A (Amber), -B (Blue),
-CL (Clear), -G (Green), -LB (Light Blue), -R (Red), -RO (Rose),
-Y (Yellow)

SNOOTS

CTL9050 Series

FA-92S-(B,P) - Snoot

CTL9051/CTL9052 Series

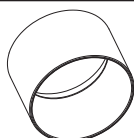
FA-92M-(B,P) - Snoot

CTL9053 Series

FA-92L-(B,P) - Snoot

CTL9059/CTL9054 Series

FA-92XL-(B,P) - Snoot



DATE

PROJECT

TYPE

CTL905 SERIES | Eclipse Curve LED Track Luminaires

PRODUCT DETAILS

Construction

- Constructed of extruded and machined aluminum
- Heatsink and Integrated Driver Housing for a sleek modern look
- Precision aiming adjustment: 315° aiming horizontal rotation, 90° vertical rotation
- Each molded TIR optic has been optically engineered to provide a smooth uniform beam, maximizing output and minimizing glare
- Integral ON/OFF switch and track polarity indicator are standard

Performance Summary

- 2700K, 3000K, 3500K and 4000K color temperatures; high CRI of 90+
- Excellent fixture-to-fixture color consistency within a 4-step MacAdam Ellipse tolerance
- Forward Phase (Incandescent) Dimming is standard; see photometric pages for compatible dimmers
- Beams are produced using molded TIR optics; each has been engineered to provide a smooth uniform beam, maximizing output and minimizing glare
- Optics are interchangeable and can be field replaced, only upon the same size fixture, not between fixture sizes

Fixture Compatibility

- Standard ConTech track luminaires (CTL Units) are cCSAus certified as-is for use with ConTech Lighting LT/LT2 Single Circuit/Two Circuit and Luxbeam Track Systems, as well as Juno® Lighting Trac-Master™ Systems.
- By changing the prefix of the part number, ConTech can install inserts which make our fixtures compatible with other manufacturers. Replace “CTL” with “HTL” for Halo® Power-Trac and Lazer-Track systems, and “LTL” for Lightolier Lytespan™ systems. For more information, consult factory.

DATE

PROJECT

TYPE

CTL905 SERIES | Eclipse Curve Track Luminaire Photometrics

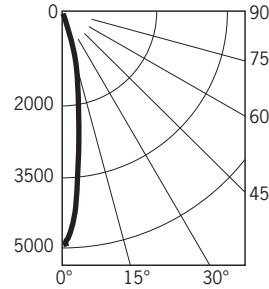
CTL9050: 3000K SPOT

Fixture Delivered Lumens: 592.5
 Total Watts@120V: 7.0
 Lumens Per Watt: 84.6
 Center Beam Candle Power: 4925
 Beam Distribution: 15°
 Spacing Criterion: 0.28
 Color Rendering Index (CRI)1: 96
 Color Temperature (CCT)2: 3153K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G19103003
 LM-79 Test No. S19103101

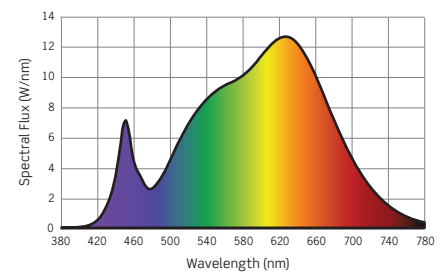
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4 FT	307.8	1.1
6 FT	136.8	1.6
8 FT	77.0	2.1
10 FT	49.2	2.7
12 FT	34.2	3.2
14 FT	25.1	3.7

Candela Curve



Spectral Power Distribution Chart⁴



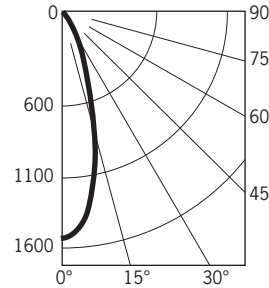
CTL9050: 3000K FLOOD

Fixture Delivered Lumens: 602.0
 Total Watts@120V: 7.0
 Lumens Per Watt: 86.0
 Center Beam Candle Power: 1520
 Beam Distribution: 32°
 Spacing Criterion: 0.53
 Color Rendering Index (CRI)2: 96
 Color Temperature (CCT)3: 3153K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G19103001
 LM-79 Test No. S19103101

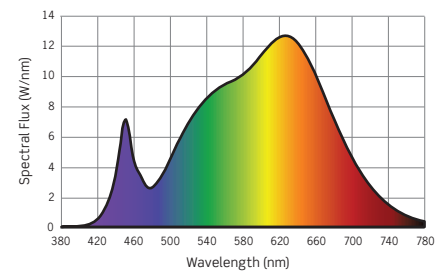
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4 FT	95.0	2.3
6 FT	42.2	3.5
8 FT	23.8	4.6
10 FT	15.2	5.8
12 FT	10.6	6.9
14 FT	7.8	8.1

Candela Curve



Spectral Power Distribution Chart⁴



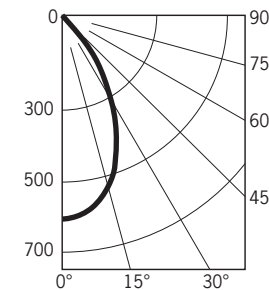
CTL9050: 3000K WIDE FLOOD

Fixture Delivered Lumens: 561.8
 Total Watts@120V: 7.0
 Lumens Per Watt: 80.3
 Center Beam Candle Power: 605
 Beam Distribution: 58.3°
 Spacing Criterion: 0.88
 Color Rendering Index (CRI)1: 96
 Color Temperature (CCT)2: 3153K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G19103002
 LM-79 Test No. S19103101

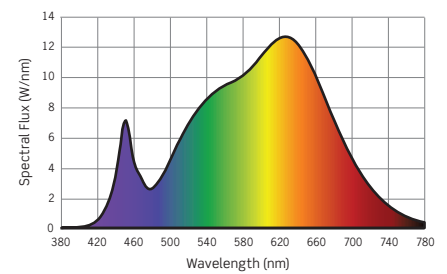
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4 FT	37.8	4.5
6 FT	16.8	6.7
8 FT	9.5	8.9
10 FT	6.1	11.2
12 FT	4.2	13.4
14 FT	3.1	15.6

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

Lumen output values fluctuate based on Color Temperature; to estimate lumen output of these various options, multiply 3000K results by the following:

CCT MULTIPLIERS			
CCT	90+ CRI	CCT	90+ CRI
2700K	0.87	3500K	1.05
3000K	1.00	4000K	1.08

DIMMING SPECIFICATIONS

Compatible with most Triac (Incandescent) Dimmers

TRIAC (INCANDESCENT) DIMMERS

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

DATE

PROJECT

TYPE

CTL905 SERIES | Eclipse Curve Track Luminaire Photometrics

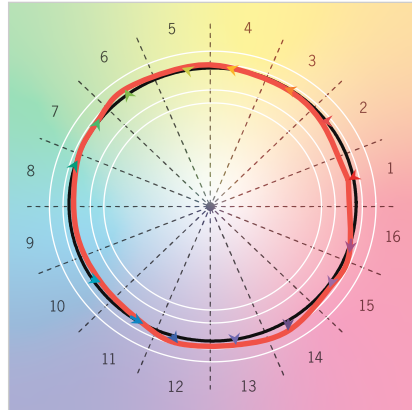
TM-30 DATA: CTL9050: 3000K FLOOD

ANSI/IES TM-30-18 Color Rendition Report Test No. S21012801

Colors are for visual orientation purposes only

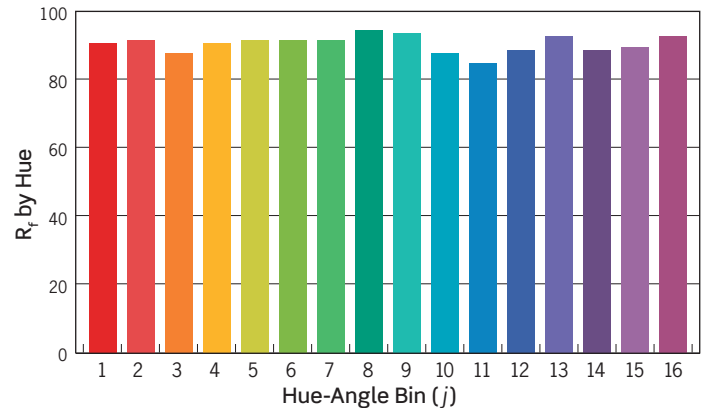
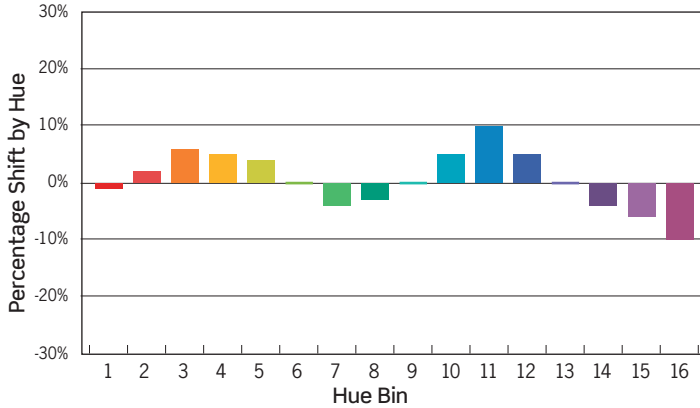
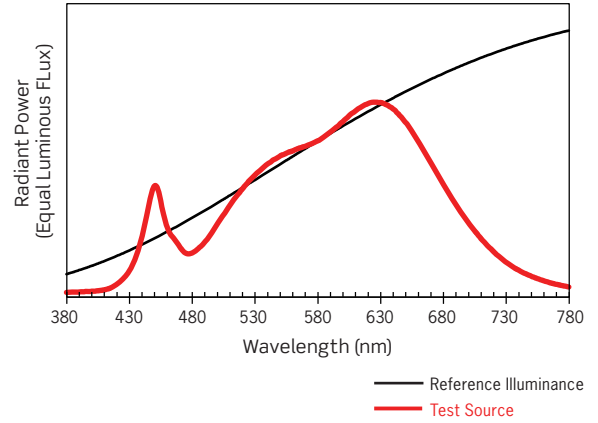
R_f	91
R_g	101
CCT(K)	3145K
D_{uv}	0.0010
u^I	0.2453
v^I	0.5198

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%	2%	6%	5%	4%	0%	-4%	-3%	0%	5%	10%	5%	0%	-4%	-6%	-10%
R_f VALUE	92	93	89	92	93	93	93	96	95	89	86	90	94	90	91	88

DATE

PROJECT

TYPE

CTL905 SERIES | Eclipse Curve Track Luminaire Photometrics

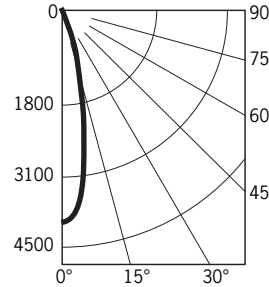
CTL9051: 3000K MEDIUM

Fixture Delivered Lumens: 936.6
 Total Watts@120V: 9.1
 Lumens Per Watt: 102.9
 Center Beam Candle Power: 4075
 Beam Distribution: 23°
 Spacing Criterion: 0.40
 Color Rendering Index (CRI)1: 96
 Color Temperature (CCT)2: 3153K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G19103006
 LM-79 Test No. S19103101

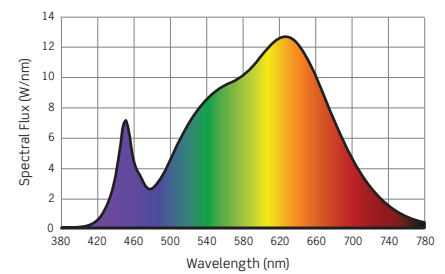
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4 FT	254.7	1.6
6 FT	113.2	2.4
8 FT	63.7	3.2
10 FT	40.8	4.0
12 FT	28.3	4.8
14 FT	20.8	5.7

Candela Curve



Spectral Power Distribution Chart⁴



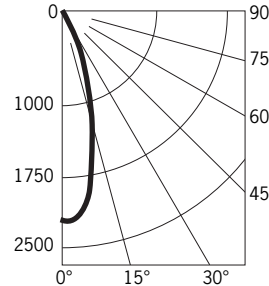
CTL9051: 3000K FLOOD

Fixture Delivered Lumens: 930.5
 Total Watts@120V: 9.1
 Lumens Per Watt: 102.3
 Center Beam Candle Power: 2222
 Beam Distribution: 33°
 Spacing Criterion: 0.56
 Color Rendering Index (CRI)1: 96
 Color Temperature (CCT)2: 3153K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G19103004
 LM-79 Test No. S19103101

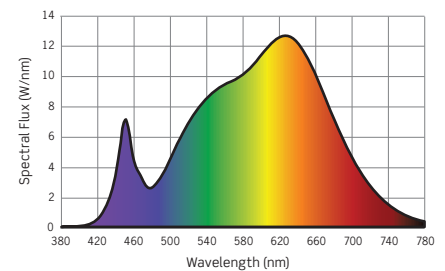
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4 FT	138.9	2.4
6 FT	61.7	3.5
8 FT	34.7	4.7
10 FT	22.2	5.9
12 FT	15.4	7.1
14 FT	11.3	8.3

Candela Curve



Spectral Power Distribution Chart⁴



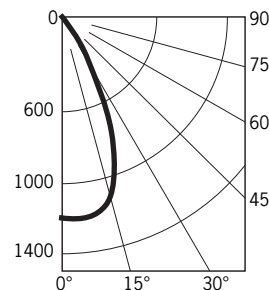
CTL9051: 3000K WIDE FLOOD

Fixture Delivered Lumens: 943.8
 Total Watts@120V: 9.1
 Lumens Per Watt: 103.7
 Center Beam Candle Power: 1190
 Beam Distribution: 52°
 Spacing Criterion: 0.78
 Color Rendering Index (CRI)1: 96
 Color Temperature (CCT)2: 3153K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G19103005
 LM-79 Test No. S19103101

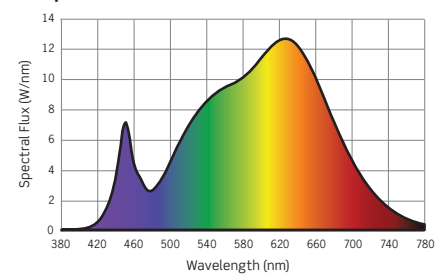
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4 FT	74.4	3.9
6 FT	33.1	5.8
8 FT	18.6	7.7
10 FT	11.9	9.7
12 FT	8.3	11.6
14 FT	6.1	13.5

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

Lumen output values fluctuate based on Color Temperature; to estimate lumen output of these various options, multiply 3000K results by the following:

CCT MULTIPLIERS			
CCT	90+ CRI	CCT	90+ CRI
2700K	0.87	3500K	1.05
3000K	1.00	4000K	1.08

DIMMING SPECIFICATIONS

Compatible with most Triac (Incandescent) Dimmers

TRIAC (INCANDESCENT) DIMMERS

Leviton Illumatech
 Leviton SureSlide
 Lutron Diva
 Lutron Skylark
 Lutron Toggler

DATE

PROJECT

TYPE

CTL905 SERIES | Eclipse Curve Track Luminaire Photometrics

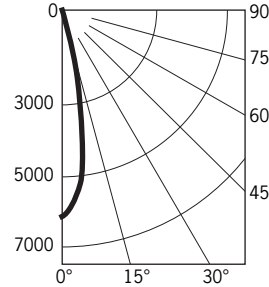
CTL9052: 3000K MEDIUM

Fixture Delivered Lumens: 1350.6
 Total Watts@120V: 13.7
 Lumens Per Watt: 98.6
 Center Beam Candle Power: 6073
 Beam Distribution: 23°
 Spacing Criterion: 0.39
 Color Rendering Index (CRI)1: 92
 Color Temperature (CCT)2: 3123K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G19103103
 LM-79 Test No. S21012802

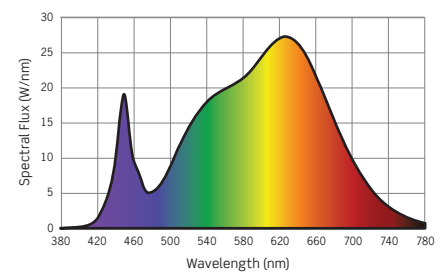
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4 FT	307.8	1.1
6 FT	136.8	1.6
8 FT	77.0	2.1
10 FT	49.2	2.7
12 FT	34.2	3.2
14 FT	25.1	3.7

Candela Curve



Spectral Power Distribution Chart⁴



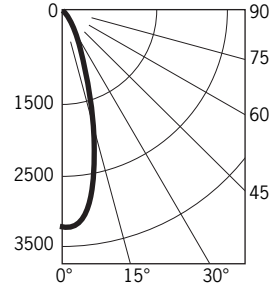
CTL9052: 3000K FLOOD

Fixture Delivered Lumens: 1323.7
 Total Watts@120V: 13.7
 Lumens Per Watt: 96.6
 Center Beam Candle Power: 3194
 Beam Distribution: 33°
 Spacing Criterion: 0.56
 Color Rendering Index (CRI)2: 92
 Color Temperature (CCT)3: 3123K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G19103101
 LM-79 Test No. S21012802

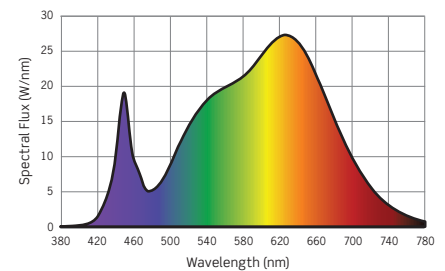
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4 FT	199.6	2.4
6 FT	88.7	3.6
8 FT	49.9	4.8
10 FT	31.9	6.0
12 FT	22.2	7.2
14 FT	16.3	8.4

Candela Curve



Spectral Power Distribution Chart⁴



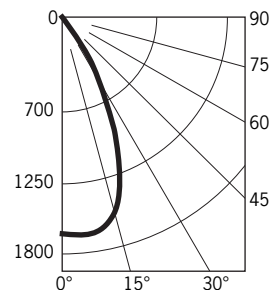
CTL9052: 3000K WIDE FLOOD

Fixture Delivered Lumens: 1344.7
 Total Watts@120V: 13.7
 Lumens Per Watt: 98.2
 Center Beam Candle Power: 1638
 Beam Distribution: 53°
 Spacing Criterion: 0.80
 Color Rendering Index (CRI)2: 92
 Color Temperature (CCT)3: 3123K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G19103102
 LM-79 Test No. S21012802

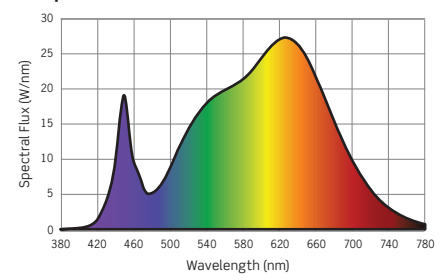
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4 FT	102.4	4.0
6 FT	45.5	6.0
8 FT	25.6	7.9
10 FT	16.4	10.0
12 FT	11.4	11.9
14 FT	8.4	13.8

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

Lumen output values fluctuate based on Color Temperature; to estimate lumen output of these various options, multiply 3000K results by the following:

CCT MULTIPLIERS			
CCT	90+ CRI	CCT	90+ CRI
2700K	0.87	3500K	1.05
3000K	1.00	4000K	1.08

DIMMING SPECIFICATIONS

Compatible with most TRIAC (Incandescent) Dimmers

TRIAC (INCANDESCENT) DIMMERS

Leviton Illumatech
 Leviton SureSlide
 Lutron Diva
 Lutron Skylark
 Lutron Toggler

DATE

PROJECT

TYPE

CTL905 SERIES | Eclipse Curve Track Luminaire Photometrics

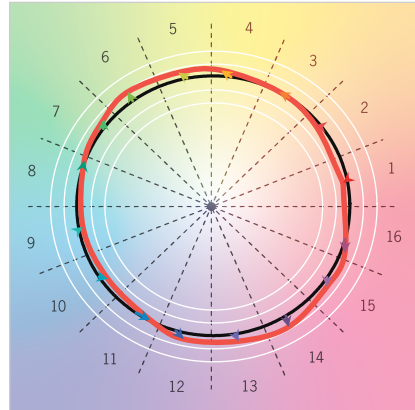
TM-30 DATA: CTL9051/CTL9052: 3000K FLOOD

ANSI/IES TM-30-18 Color Rendition Report Test No. S21012802

Colors are for visual orientation purposes only

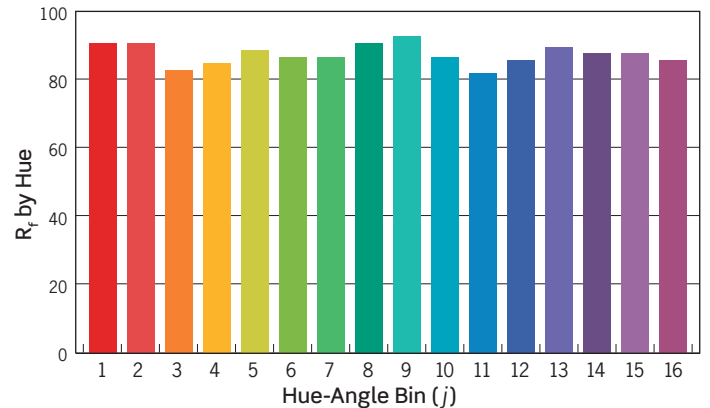
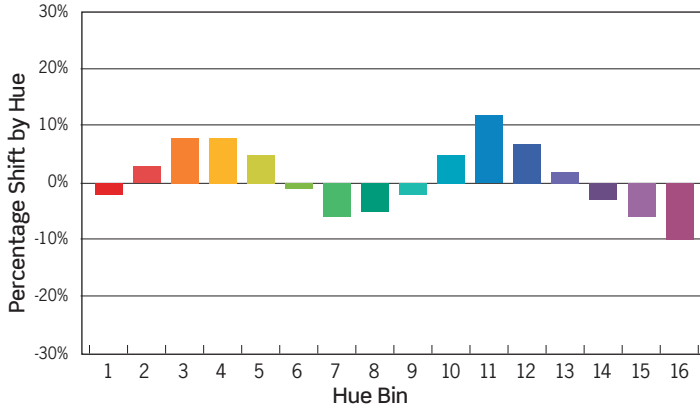
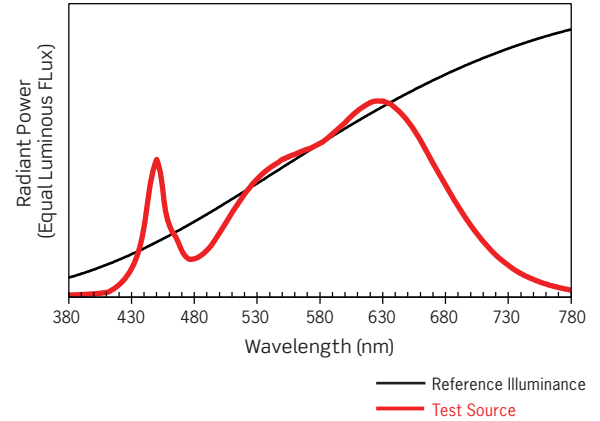
R_f	89
R_g	104
CCT(K)	3123K
D_{uv}	-0.0034
u^l	0.2478
v^l	0.5141

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	-2%	3%	8%	8%	5%	-1%	-6%	-5%	-2%	5%	12%	7%	2%	-3%	-6%	-10%
R _f VALUE	92	92	84	86	90	88	88	92	94	88	83	87	91	89	89	87

DATE

PROJECT

TYPE

CTL905 SERIES | Eclipse Curve Track Luminaire Photometrics

CTL9053: 3000K MEDIUM

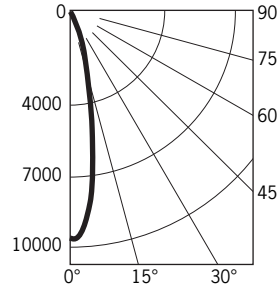
Fixture Delivered Lumens: 1950.4
 Total Watts@120V: 19.6
 Lumens Per Watt: 99.5
 Center Beam Candle Power: 9771
 Beam Distribution: 21°
 Spacing Criterion: 0.40
 Color Rendering Index (CRI)1: 92
 Color Temperature (CCT)2: 3096K

Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G19103106
 LM-79 Test No. S21012803

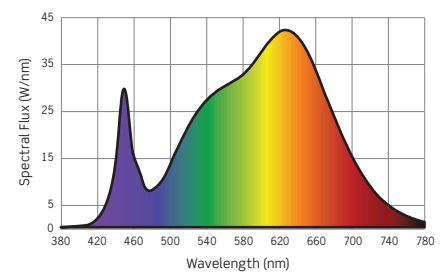
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4 FT	610.7	1.5
6 FT	271.4	2.2
8 FT	152.7	3.0
10 FT	97.7	3.7
12 FT	67.9	4.5
14 FT	49.9	5.2

Candela Curve



Spectral Power Distribution Chart⁴



CTL9053: 3000K FLOOD

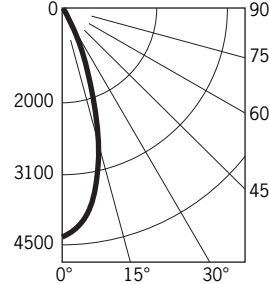
Fixture Delivered Lumens: 1961.7
 Total Watts@120V: 19.6
 Lumens Per Watt: 100.1
 Center Beam Candle Power: 4345
 Beam Distribution: 37°
 Spacing Criterion: 0.60
 Color Rendering Index (CRI)1: 92
 Color Temperature (CCT)2: 3096K

Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G19103104
 LM-79 Test No. S21012803

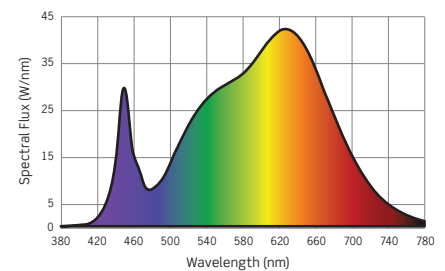
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4 FT	271.6	2.7
6 FT	120.7	4.0
8 FT	67.9	5.4
10 FT	43.5	6.7
12 FT	30.2	8.0
14 FT	22.2	9.4

Candela Curve



Spectral Power Distribution Chart⁴



CTL9053: 3000K WIDE FLOOD

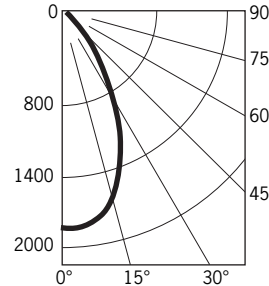
Fixture Delivered Lumens: 1762.9
 Total Watts@120V: 19.6
 Lumens Per Watt: 89.9
 Center Beam Candle Power: 1849
 Beam Distribution: 57°
 Spacing Criterion: 0.86
 Color Rendering Index (CRI)1: 92
 Color Temperature (CCT)2: 3096K

Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G19103105
 LM-79 Test No. S21012803

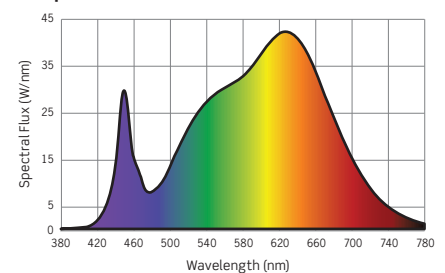
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4 FT	115.6	4.3
6 FT	51.4	6.5
8 FT	28.9	8.6
10 FT	18.5	10.8
12 FT	12.8	12.9
14 FT	9.4	15.1

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

Lumen output values fluctuate based on Color Temperature; to estimate lumen output of these various options, multiply 3000K results by the following:

CCT MULTIPLIERS			
CCT	90+ CRI	CCT	90+ CRI
2700K	0.87	3500K	1.05
3000K	1.00	4000K	1.08

DIMMING SPECIFICATIONS

Compatible with most TRIAC (Incandescent) Dimmers

TRIAC (INCANDESCENT) DIMMERS

Leviton Illumatech
 Leviton SureSlide
 Lutron Diva
 Lutron Skylark
 Lutron Toggler

DATE

PROJECT

TYPE

CTL905 SERIES | Eclipse Curve Track Luminaire Photometrics

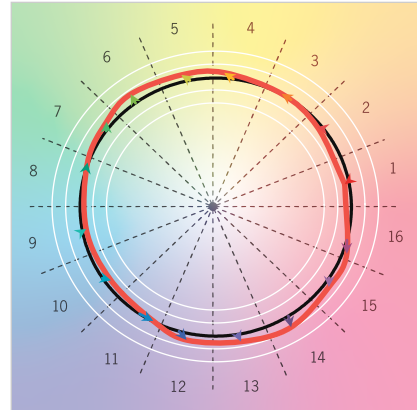
TM-30 DATA: CTL9053: 3000K FLOOD

ANSI/IES TM-30-18 Color Rendition Report Test No. S21012803

Colors are for visual orientation purposes only

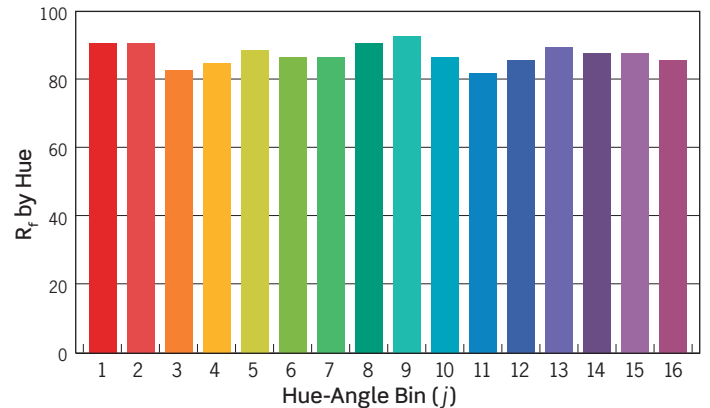
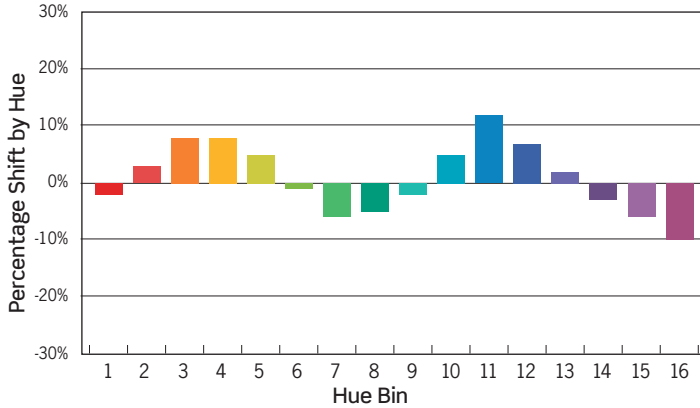
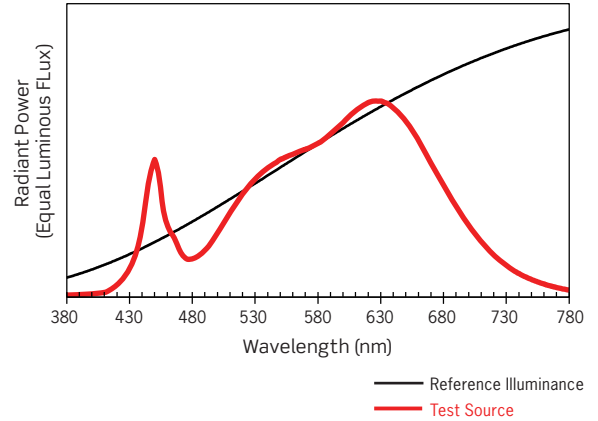
R_f	89
R_g	104
CCT(K)	3096K
D_{uv}	-0.0039
u^l	0.2488
v^l	0.5140

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	-2%	3%	8%	8%	5%	-1%	-6%	-5%	-1%	5%	11%	7%	1%	-3%	-6%	-10%
R _f VALUE	93	92	84	87	90	88	89	92	94	89	83	87	92	89	89	87

DATE

PROJECT

TYPE

CTL905 SERIES | Eclipse Curve Track Luminaire Photometrics

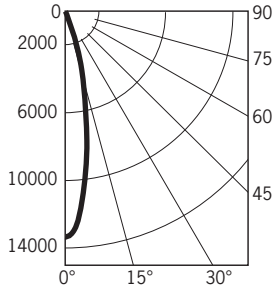
CTL9059: 3000K MEDIUM

Fixture Delivered Lumens: 2537.3
 Total Watts@120V: 28.8
 Lumens Per Watt: 87.8
 Center Beam Candle Power: 13346
 Beam Distribution: 21.7°
 Spacing Criterion: 0.38
 Color Rendering Index (CRI)1: 92
 Color Temperature (CCT)2: 3179K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G21083003
 LM-79 Test No. S21081906

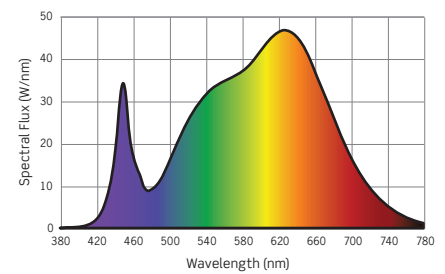
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4 FT	834.1	1.5
6 FT	370.7	2.3
8 FT	208.5	3.1
10 FT	133.5	3.8
12 FT	92.7	4.6
14 FT	68.1	5.4

Candela Curve



Spectral Power Distribution Chart⁴



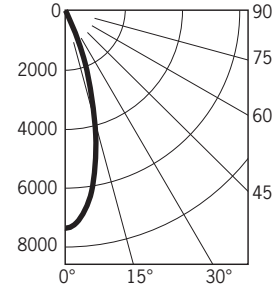
CTL9059: 3000K FLOOD

Fixture Delivered Lumens: 2519.8
 Total Watts@120V: 28.9
 Lumens Per Watt: 87.2
 Center Beam Candle Power: 7335
 Beam Distribution: 32.4°
 Spacing Criterion: 0.53
 Color Rendering Index (CRI)1: 92
 Color Temperature (CCT)2: 3179K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G21083002
 LM-79 Test No. S21081906

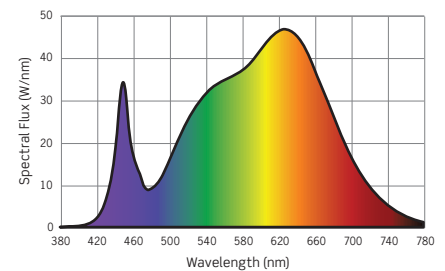
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4 FT	458.5	2.3
6 FT	203.8	3.5
8 FT	114.6	4.7
10 FT	73.4	5.8
12 FT	50.9	7.0
14 FT	37.4	8.1

Candela Curve



Spectral Power Distribution Chart⁴



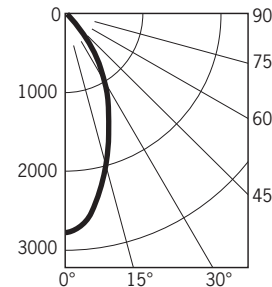
CTL9059: 3000K WIDE FLOOD

Fixture Delivered Lumens: 2311.1
 Total Watts@120V: 28.9
 Lumens Per Watt: 80.0
 Center Beam Candle Power: 2783
 Beam Distribution: 47.2°
 Spacing Criterion: 0.80
 Color Rendering Index (CRI)1: 92
 Color Temperature (CCT)2: 3179K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G21083001
 LM-79 Test No. S21081906

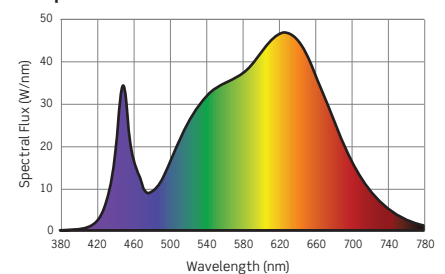
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4 FT	173.9	3.5
6 FT	77.3	5.2
8 FT	43.5	7.0
10 FT	27.8	8.7
12 FT	19.3	10.5
14 FT	14.2	12.2

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

Lumen output values fluctuate based on Color Temperature; to estimate lumen output of these various options, multiply 3000K results by the following:

CCT MULTIPLIERS			
CCT	90+ CRI	CCT	90+ CRI
2700K	0.87	3500K	1.05
3000K	1.00	4000K	1.08

DIMMING SPECIFICATIONS

Compatible with most TRIAC (Incandescent) Dimmers

TRIAC (INCANDESCENT) DIMMERS

Leviton Illumatech
 Leviton SureSlide
 Lutron Diva
 Lutron Skylark
 Lutron Toggler

DATE

PROJECT

TYPE

CTL905 SERIES | Eclipse Curve Track Luminaire Photometrics

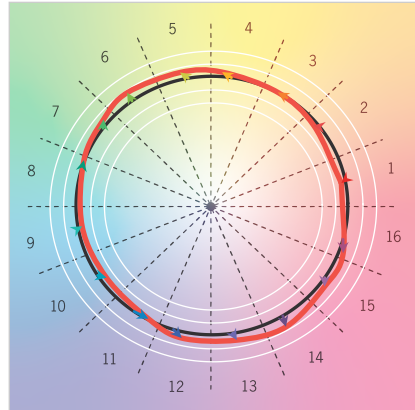
TM-30 DATA: CTL9053: 3000K FLOOD

ANSI/IES TM-30-18 Color Rendition Report Test No. S21012803

Colors are for visual orientation purposes only

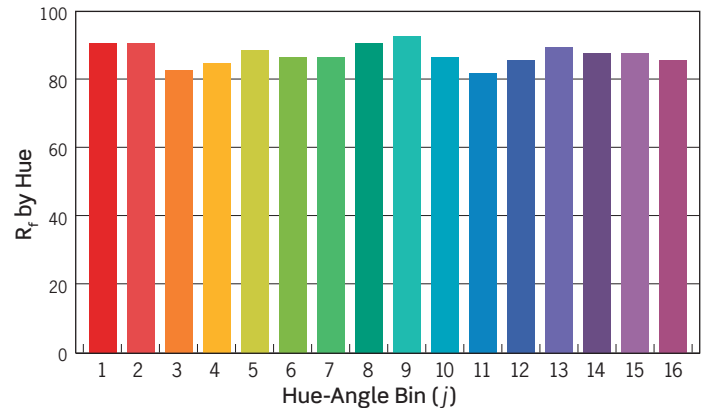
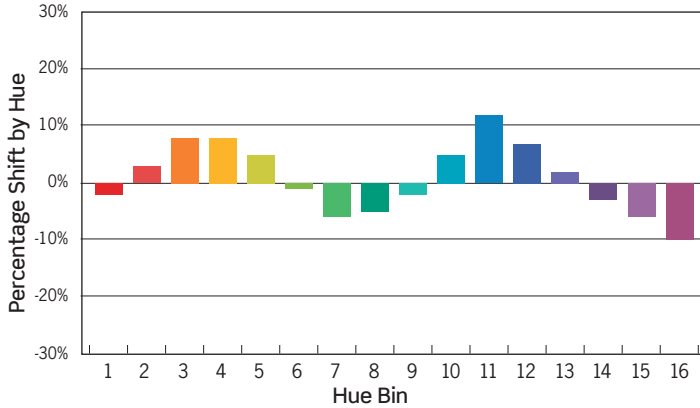
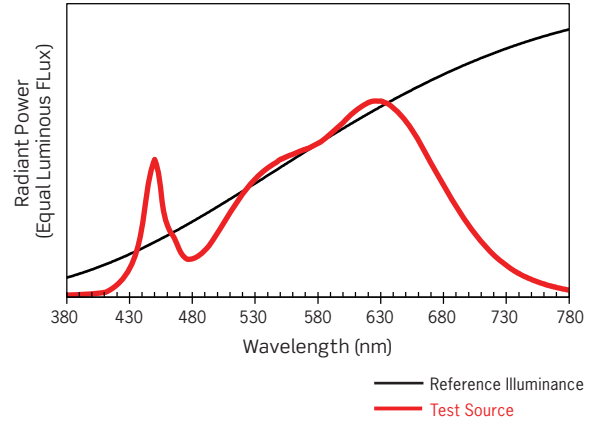
R_f	89
R_g	104
CCT(K)	3179K
D_{uv}	-0.0029
u^I	0.2458
v^I	0.5137

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	-2%	3%	8%	8%	5%	-1%	-6%	-5%	-1%	5%	12%	7%	2%	-3%	-6%	-10%
R_f VALUE	93	93	85	87	90	89	89	92	94	88	83	87	92	89	89	87

DATE

PROJECT

TYPE

CTL905 SERIES | Eclipse Curve Track Luminaire Photometrics

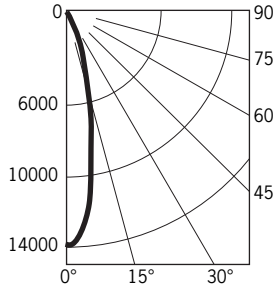
CTL9054: 3000K MEDIUM

Fixture Delivered Lumens: 3182.5
 Total Watts@120V: 34
 Lumens Per Watt: 93.6
 Center Beam Candle Power: 13850
 Beam Distribution: 24°
 Spacing Criterion: 0.42
 Color Rendering Index (CRI)1: 92
 Color Temperature (CCT)2: 3178K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G19110102
 LM-79 Test No. S21012804

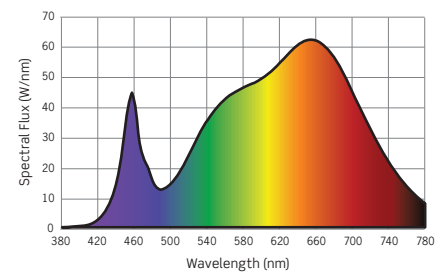
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4 FT	865.6	1.7
6 FT	384.7	2.6
8 FT	216.4	3.4
10 FT	138.5	4.3
12 FT	96.2	5.1
14 FT	70.7	6.0

Candela Curve



Spectral Power Distribution Chart⁴



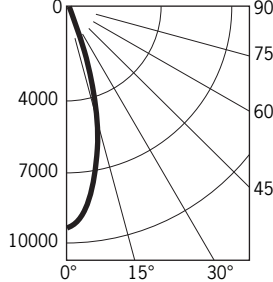
CTL9054: 3000K FLOOD

Fixture Delivered Lumens: 3182.4
 Total Watts@120V: 34
 Lumens Per Watt: 93.3
 Center Beam Candle Power: 9335
 Beam Distribution: 33°
 Spacing Criterion: 0.54
 Color Rendering Index (CRI)1: 92
 Color Temperature (CCT)2: 3178K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G19103107
 LM-79 Test No. S21012804

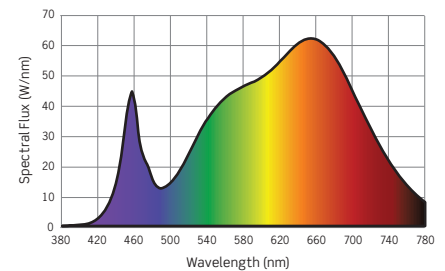
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4 FT	583.5	2.4
6 FT	259.3	3.5
8 FT	145.9	4.7
10 FT	93.4	5.9
12 FT	64.8	7.1
14 FT	47.6	8.3

Candela Curve



Spectral Power Distribution Chart⁴



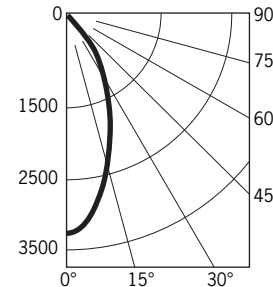
CTL9054: 3000K WIDE FLOOD

Fixture Delivered Lumens: 2601.4
 Total Watts@120V: 34
 Lumens Per Watt: 76.5
 Center Beam Candle Power: 3265
 Beam Distribution: 48°
 Spacing Criterion: 0.80
 Color Rendering Index (CRI)1: 92
 Color Temperature (CCT)2: 3178K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G19110101
 LM-79 Test No. S21012804

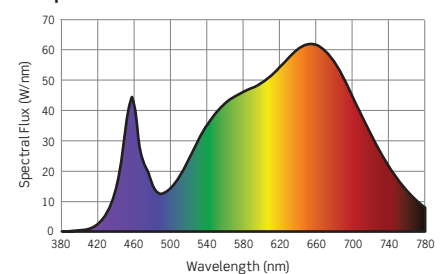
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4 FT	204.1	3.6
6 FT	90.7	5.4
8 FT	51.0	7.1
10 FT	32.6	8.9
12 FT	22.7	10.7
14 FT	16.7	12.5

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

Lumen output values fluctuate based on Color Temperature; to estimate lumen output of these various options, multiply 3000K results by the following:

CCT MULTIPLIERS			
CCT	90+ CRI	CCT	90+ CRI
2700K	0.87	3500K	1.05
3000K	1.00	4000K	1.08

DIMMING SPECIFICATIONS

Compatible with most TRIAC (Incandescent) Dimmers

TRIAC (INCANDESCENT) DIMMERS

Leviton Illumatech
 Leviton SureSlide
 Lutron Diva
 Lutron Skylark
 Lutron Toggler

DATE

PROJECT

TYPE

CTL905 SERIES | Eclipse Curve Track Luminaire Photometrics

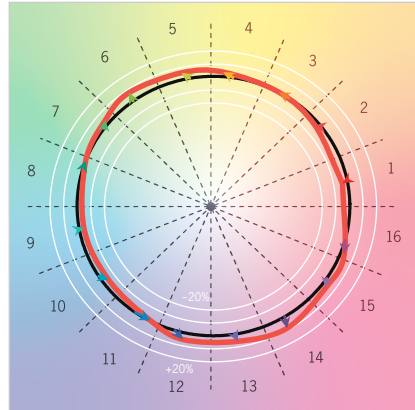
TM-30 DATA: CTL9054: 3000K FLOOD

ANSI/IES TM-30-18 Color Rendition Report Test No. S21012804

Colors are for visual orientation purposes only

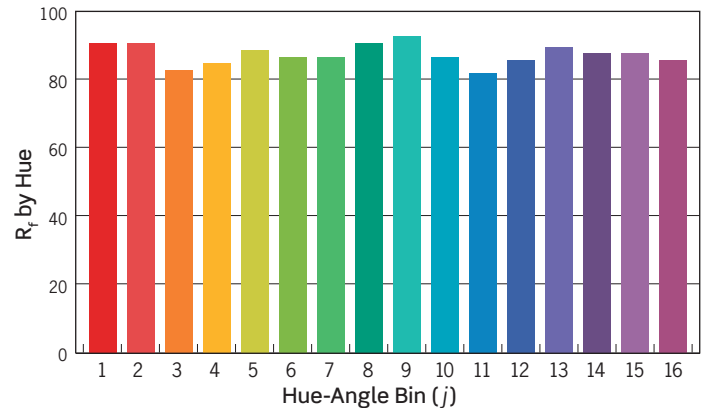
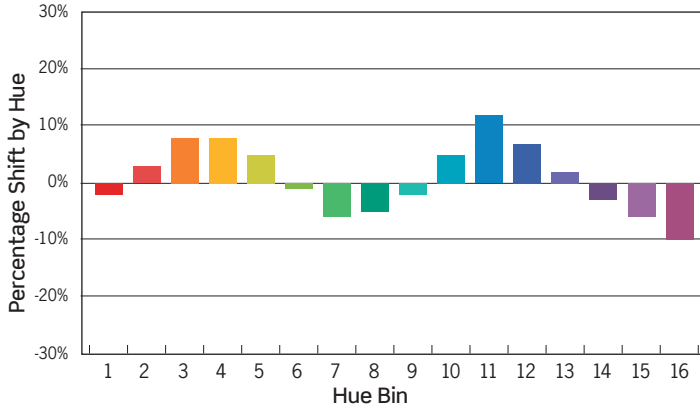
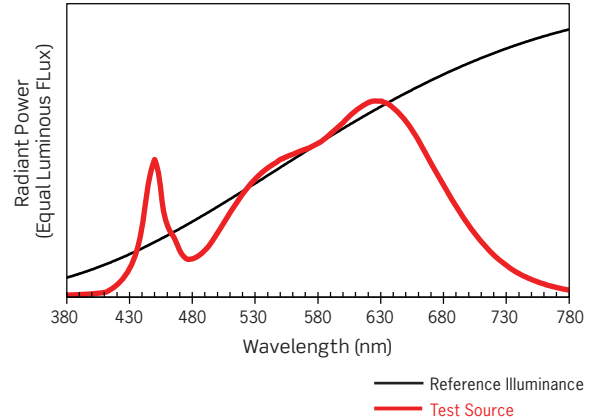
R_f	89
R_g	103
CCT(K)	3178K
D_{uv}	-0.0035
u^l	0.2461
v^l	0.5130

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	-2%	3%	8%	8%	5%	-1%	-6%	-5%	-1%	6%	12%	7%	2%	-3%	-6%	-11%
R _f VALUE	92	92	84	87	90	89	90	92	94	87	82	87	91	89	89	87