

DATE

PROJECT

TYPE

# CTL905 SERIES | Eclipse Curve Track Luminaire Photometrics

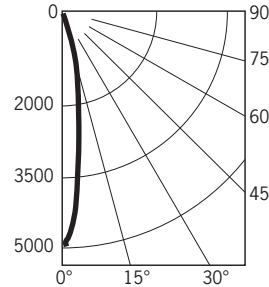
## CTL9050: 3000K SPOT

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 Life<sup>3</sup>  
 LM-63 Test No. G19103003  
 LM-79 Test No. S19103101

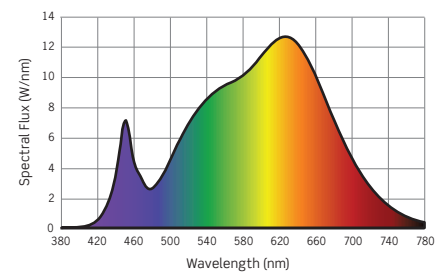
### Intensity Distribution

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 Chart<sup>4</sup>



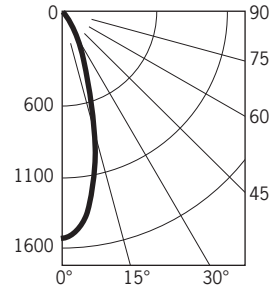
## CTL9050: 3000K FLOOD

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 Life<sup>3</sup>  
 LM-63 Test No. G19103001  
 LM-79 Test No. S19103101

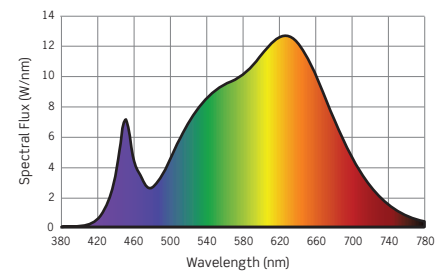
### Intensity Distribution

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 Chart<sup>4</sup>



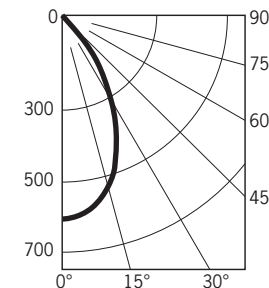
## CTL9050: 3000K WIDE FLOOD

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 Life<sup>3</sup>  
 LM-63 Test No. G19103002  
 LM-79 Test No. S19103101

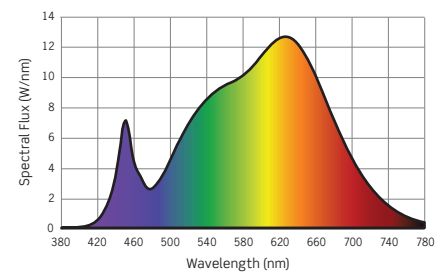
### Intensity Distribution

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 Chart<sup>4</sup>



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

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# CTL905 SERIES | Eclipse Curve Track Luminaire Photometrics

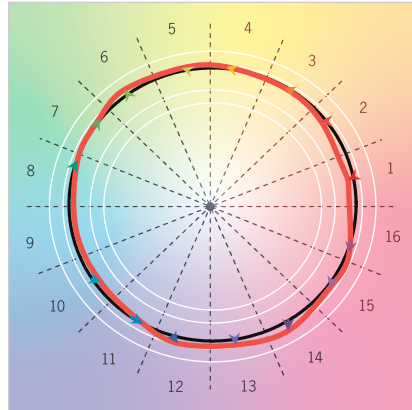
## TM-30 DATA: CTL9050: 3000K FLOOD

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

Colors are for visual orientation purposes only

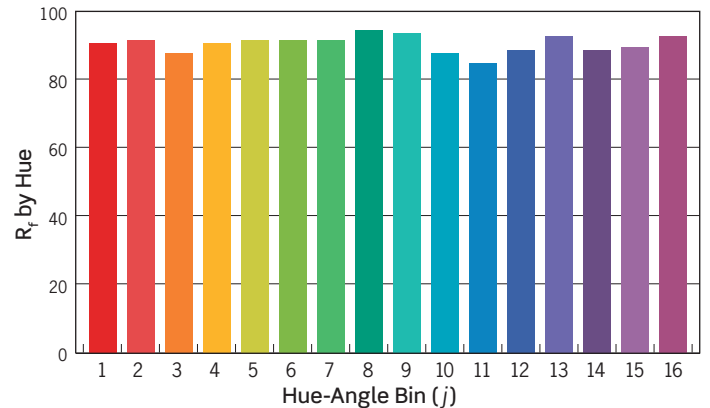
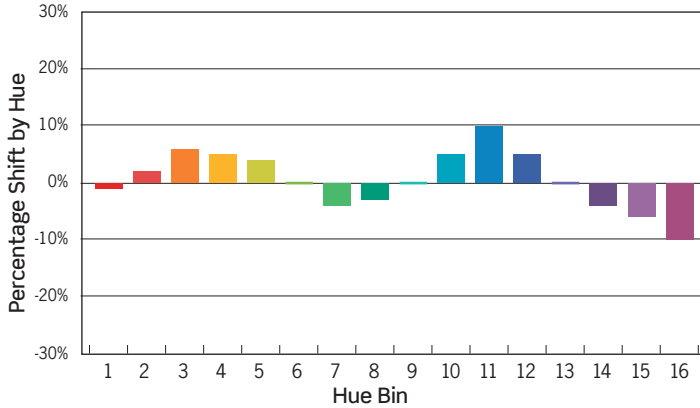
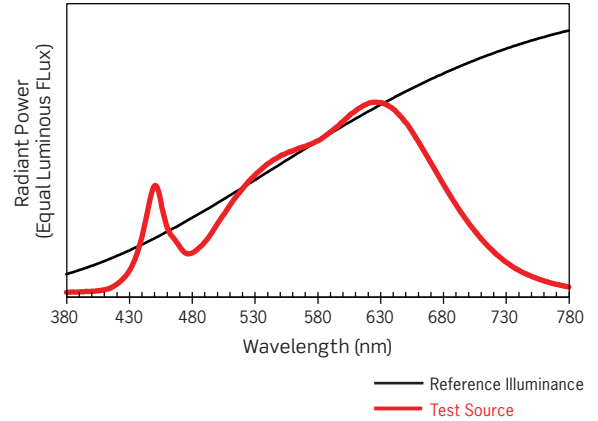
$R_f$	91
$R_g$	101
CCT(K)	3145K
$D_{uv}$	0.0010
$u^I$	0.2453
$v^I$	0.5198

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 <sub>f</sub> VALUE	92	93	89	92	93	93	93	96	95	89	86	90	94	90	91	88

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# CTL905 SERIES | Eclipse Curve Track Luminaire Photometrics

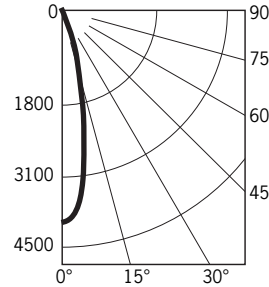
## CTL9051: 3000K MEDIUM

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 Life<sup>3</sup>  
 LM-63 Test No. G19103006  
 LM-79 Test No. S19103101

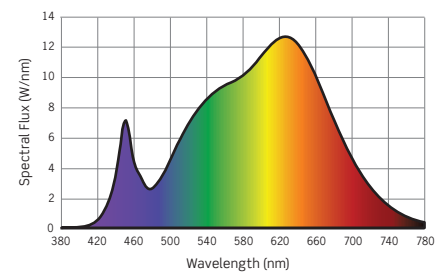
### Intensity Distribution

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 Chart<sup>4</sup>



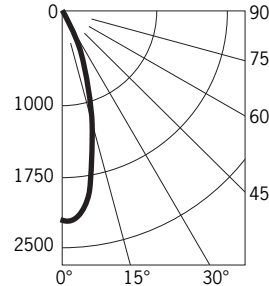
## CTL9051: 3000K FLOOD

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 Life<sup>3</sup>  
 LM-63 Test No. G19103004  
 LM-79 Test No. S19103101

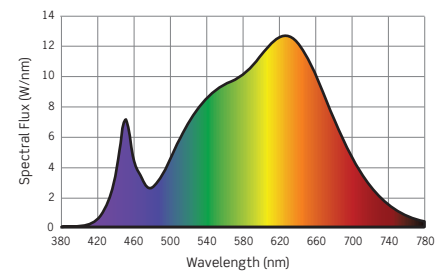
### Intensity Distribution

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 Chart<sup>4</sup>



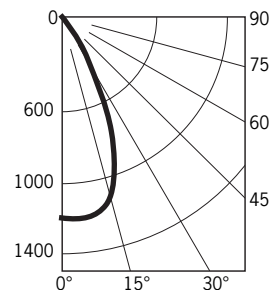
## CTL9051: 3000K WIDE FLOOD

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 Life<sup>3</sup>  
 LM-63 Test No. G19103005  
 LM-79 Test No. S19103101

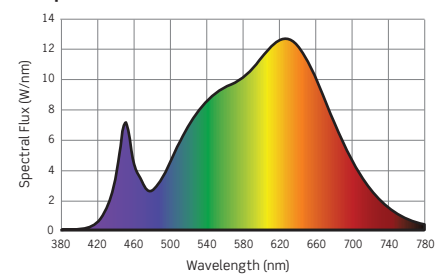
### Intensity Distribution

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 Chart<sup>4</sup>



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

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# CTL905 SERIES | Eclipse Curve Track Luminaire Photometrics

## CTL9052: 3000K MEDIUM

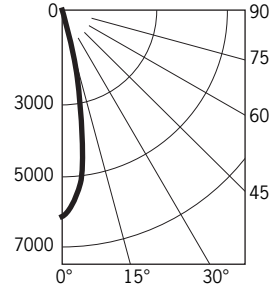
Fixture Delivered Lumens: 1350.6  
 Total Watts@120V: 13.7  
 Lumens Per Watt: 98.6  
 Center Beam Candle Power: 6073  
 Beam Distribution: 23°  
 Spacing Criterion: 0.39  
 Color Rendering Index (CRI)1: 92  
 Color Temperature (CCT)2: 3123K

Designed for 50,000 Hour Lamp Life<sup>3</sup>  
 LM-63 Test No. G19103103  
 LM-79 Test No. S21012802

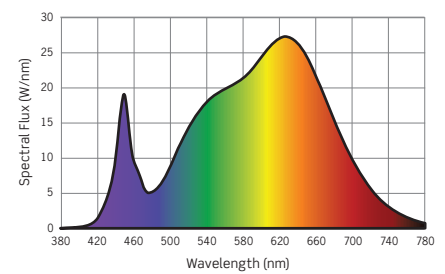
### Intensity Distribution

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 Chart<sup>4</sup>



## CTL9052: 3000K FLOOD

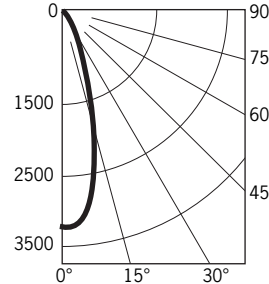
Fixture Delivered Lumens: 1323.7  
 Total Watts@120V: 13.7  
 Lumens Per Watt: 96.6  
 Center Beam Candle Power: 3194  
 Beam Distribution: 33°  
 Spacing Criterion: 0.56  
 Color Rendering Index (CRI)2: 92  
 Color Temperature (CCT)3: 3123K

Designed for 50,000 Hour Lamp Life<sup>3</sup>  
 LM-63 Test No. G19103101  
 LM-79 Test No. S21012802

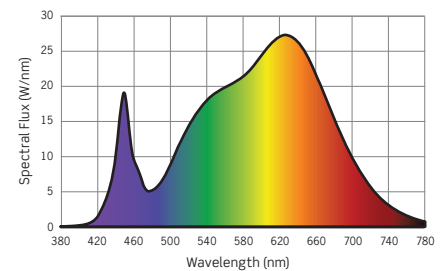
### Intensity Distribution

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 Chart<sup>4</sup>



## CTL9052: 3000K WIDE FLOOD

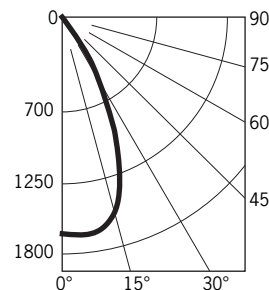
Fixture Delivered Lumens: 1344.7  
 Total Watts@120V: 13.7  
 Lumens Per Watt: 98.2  
 Center Beam Candle Power: 1638  
 Beam Distribution: 53°  
 Spacing Criterion: 0.80  
 Color Rendering Index (CRI)2: 92  
 Color Temperature (CCT)3: 3123K

Designed for 50,000 Hour Lamp Life<sup>3</sup>  
 LM-63 Test No. G19103102  
 LM-79 Test No. S21012802

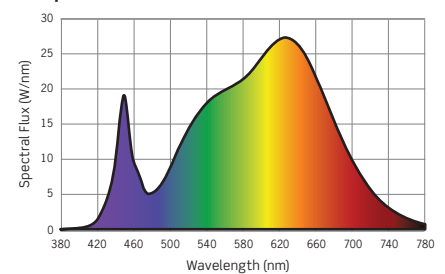
### Intensity Distribution

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 Chart<sup>4</sup>



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

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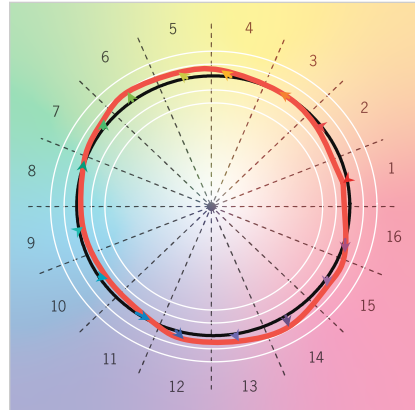
## TM-30 DATA: CTL9051/CTL9052: 3000K FLOOD

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

Colors are for visual orientation purposes only

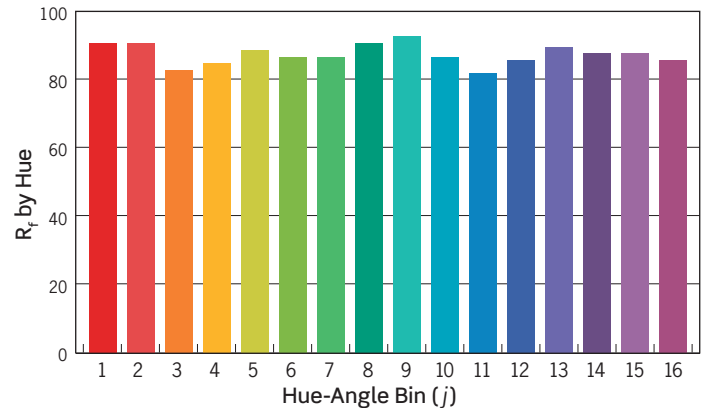
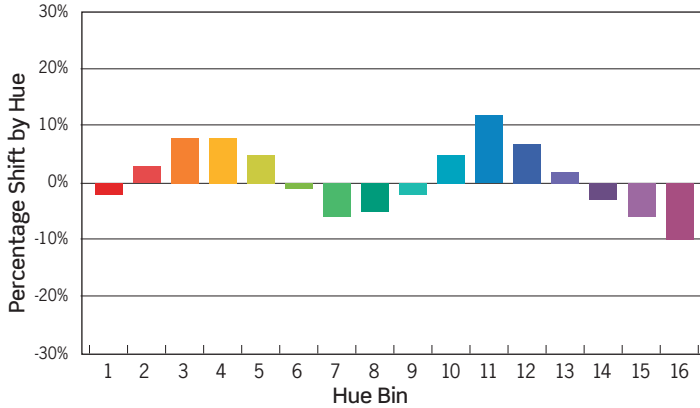
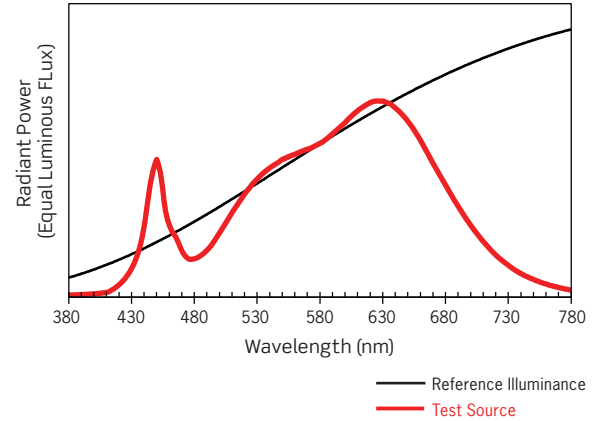
$R_f$	89
$R_g$	104
CCT(K)	3123K
$D_{uv}$	-0.0034
$u^l$	0.2478
$v^l$	0.5141

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 <sub>f</sub> VALUE	92	92	84	86	90	88	88	92	94	88	83	87	91	89	89	87

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# CTL905 SERIES | Eclipse Curve Track Luminaire Photometrics

## CTL9053: 3000K MEDIUM

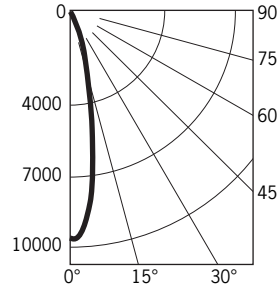
Fixture Delivered Lumens: 1950.4  
 Total Watts@120V: 19.6  
 Lumens Per Watt: 99.5  
 Center Beam Candle Power: 9771  
 Beam Distribution: 21°  
 Spacing Criterion: 0.40  
 Color Rendering Index (CRI)1: 92  
 Color Temperature (CCT)2: 3096K

Designed for 50,000 Hour Lamp Life<sup>3</sup>  
 LM-63 Test No. G19103106  
 LM-79 Test No. S21012803

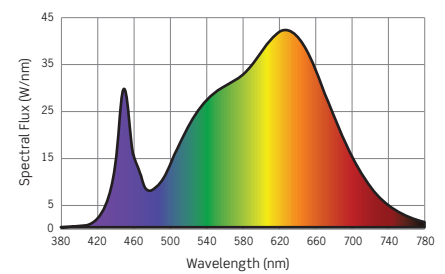
### Intensity Distribution

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 Chart<sup>4</sup>



## CTL9053: 3000K FLOOD

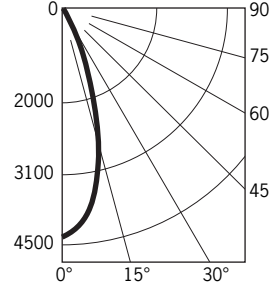
Fixture Delivered Lumens: 1961.7  
 Total Watts@120V: 19.6  
 Lumens Per Watt: 100.1  
 Center Beam Candle Power: 4345  
 Beam Distribution: 37°  
 Spacing Criterion: 0.60  
 Color Rendering Index (CRI)1: 92  
 Color Temperature (CCT)2: 3096K

Designed for 50,000 Hour Lamp Life<sup>3</sup>  
 LM-63 Test No. G19103104  
 LM-79 Test No. S21012803

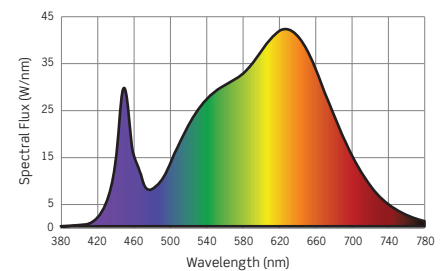
### Intensity Distribution

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 Chart<sup>4</sup>



## CTL9053: 3000K WIDE FLOOD

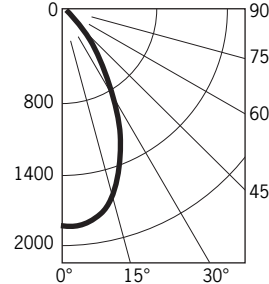
Fixture Delivered Lumens: 1762.9  
 Total Watts@120V: 19.6  
 Lumens Per Watt: 89.9  
 Center Beam Candle Power: 1849  
 Beam Distribution: 57°  
 Spacing Criterion: 0.86  
 Color Rendering Index (CRI)1: 92  
 Color Temperature (CCT)2: 3096K

Designed for 50,000 Hour Lamp Life<sup>3</sup>  
 LM-63 Test No. G19103105  
 LM-79 Test No. S21012803

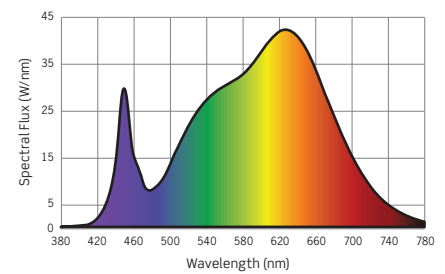
### Intensity Distribution

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 Chart<sup>4</sup>



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

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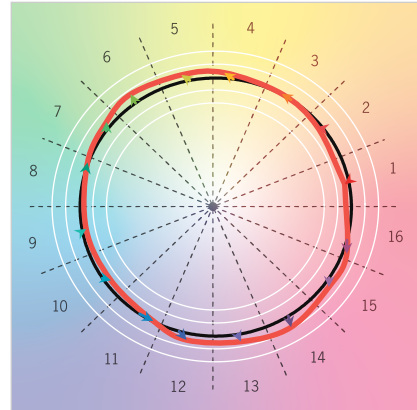
## TM-30 DATA: CTL9053: 3000K FLOOD

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

Colors are for visual orientation purposes only

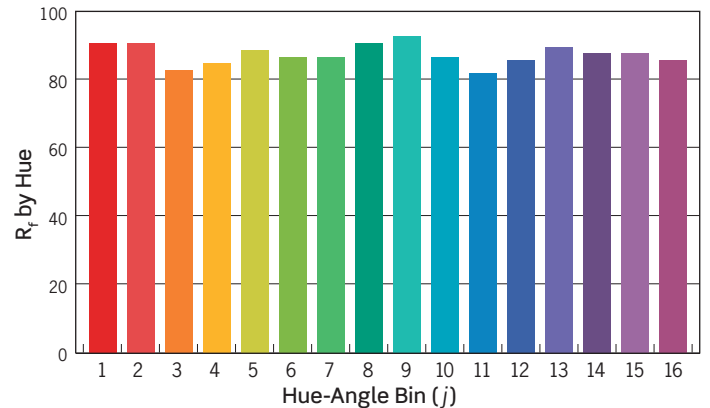
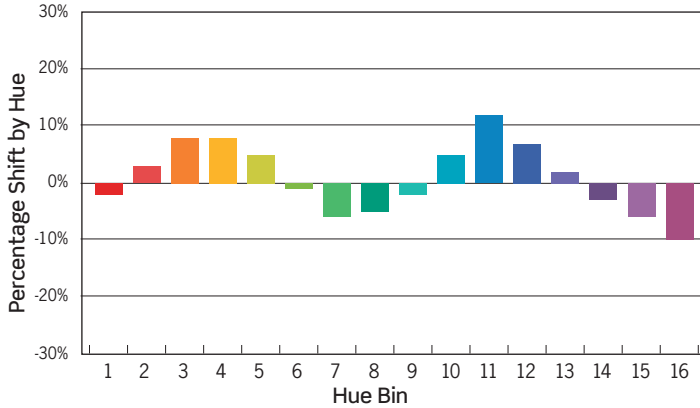
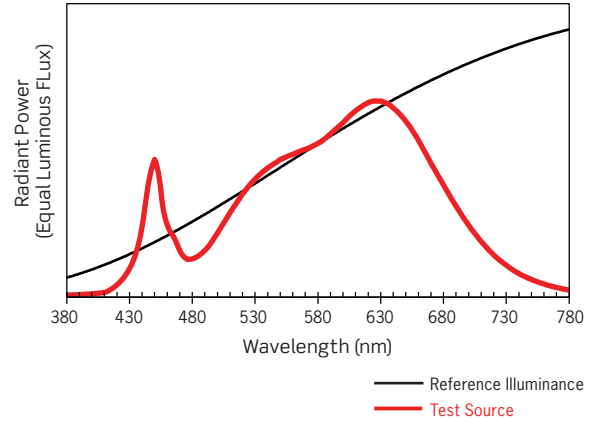
$R_f$	89
$R_g$	104
CCT(K)	3096K
$D_{uv}$	-0.0039
$u^l$	0.2488
$v^l$	0.5140

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 <sub>f</sub> 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

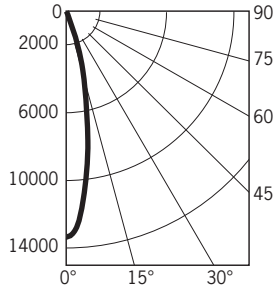
## CTL9059: 3000K MEDIUM

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 Life<sup>3</sup>  
 LM-63 Test No. G21083003  
 LM-79 Test No. S21081906

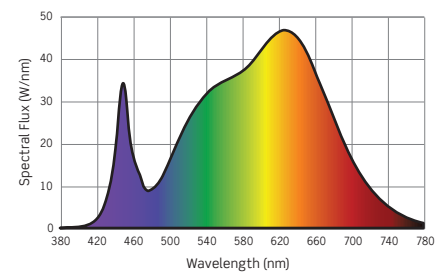
### Intensity Distribution

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 Chart<sup>4</sup>



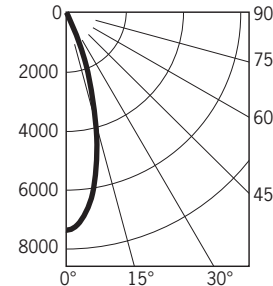
## CTL9059: 3000K FLOOD

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 Life<sup>3</sup>  
 LM-63 Test No. G21083002  
 LM-79 Test No. S21081906

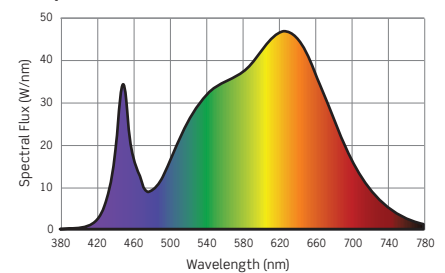
### Intensity Distribution

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 Chart<sup>4</sup>



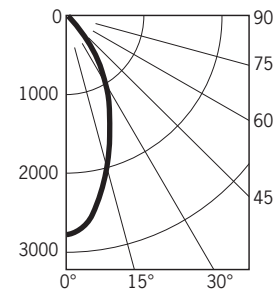
## CTL9059: 3000K WIDE FLOOD

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 Life<sup>3</sup>  
 LM-63 Test No. G21083001  
 LM-79 Test No. S21081906

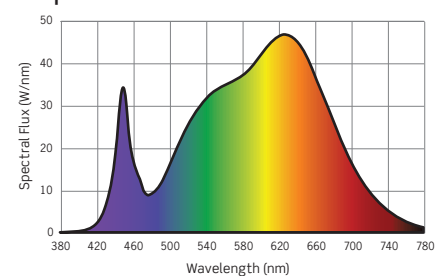
### Intensity Distribution

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 Chart<sup>4</sup>



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

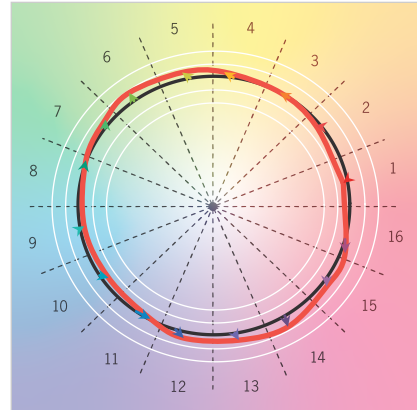
## TM-30 DATA: CTL9053: 3000K FLOOD

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

Colors are for visual orientation purposes only

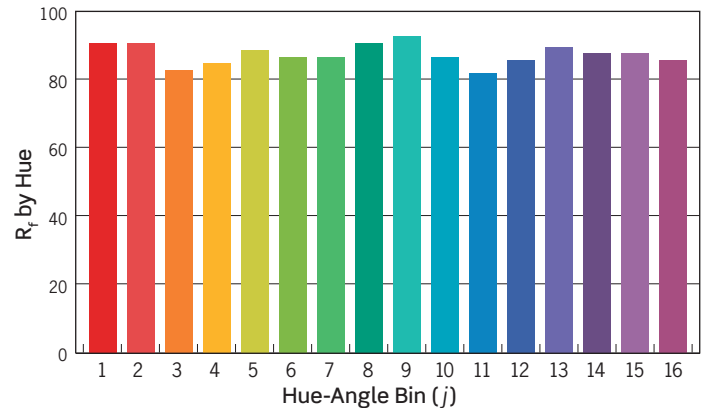
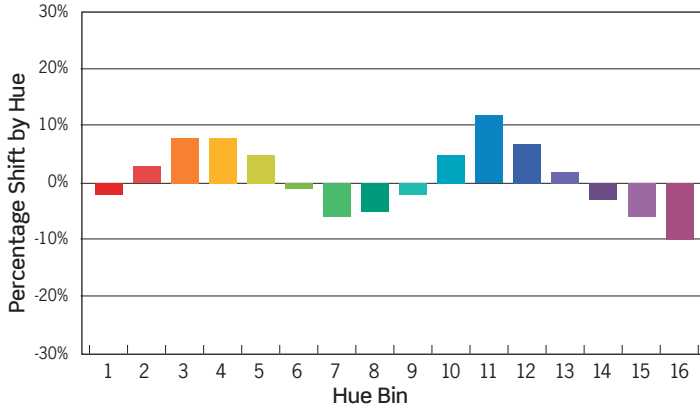
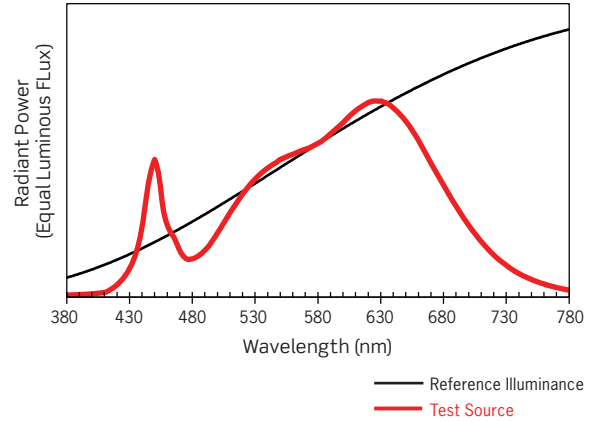
$R_f$	89
$R_g$	104
CCT(K)	3179K
$D_{uv}$	-0.0029
$u^l$	0.2458
$v^l$	0.5137

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 <sub>f</sub> 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

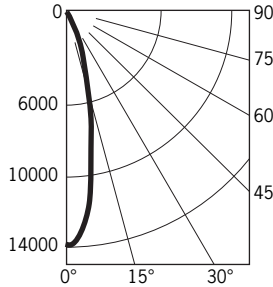
## CTL9054: 3000K MEDIUM

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 Life<sup>3</sup>  
 LM-63 Test No. G19110102  
 LM-79 Test No. S21012804

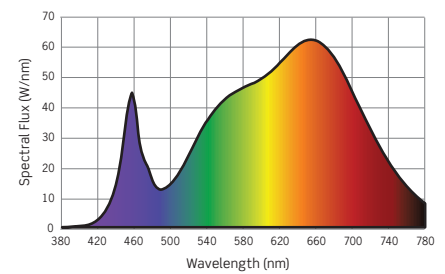
### Intensity Distribution

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 Chart<sup>4</sup>



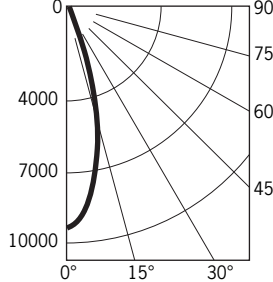
## CTL9054: 3000K FLOOD

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 Life<sup>3</sup>  
 LM-63 Test No. G19103107  
 LM-79 Test No. S21012804

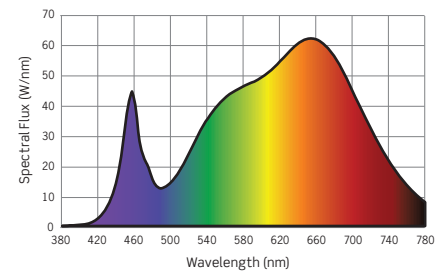
### Intensity Distribution

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 Chart<sup>4</sup>



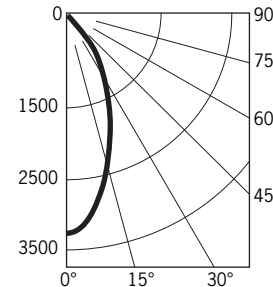
## CTL9054: 3000K WIDE FLOOD

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 Life<sup>3</sup>  
 LM-63 Test No. G19110101  
 LM-79 Test No. S21012804

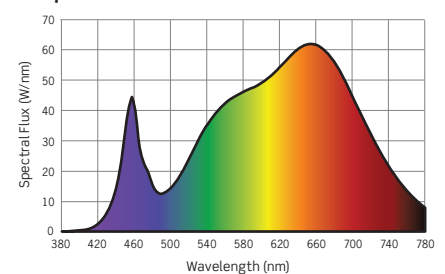
### Intensity Distribution

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 Chart<sup>4</sup>



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

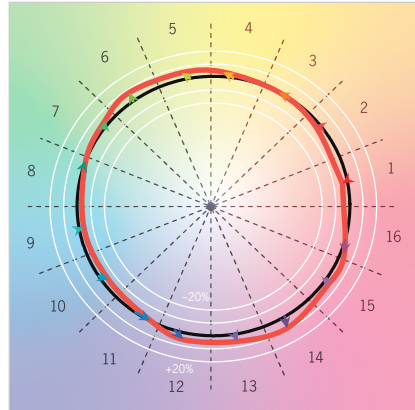
## TM-30 DATA: CTL9054: 3000K FLOOD

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

Colors are for visual orientation purposes only

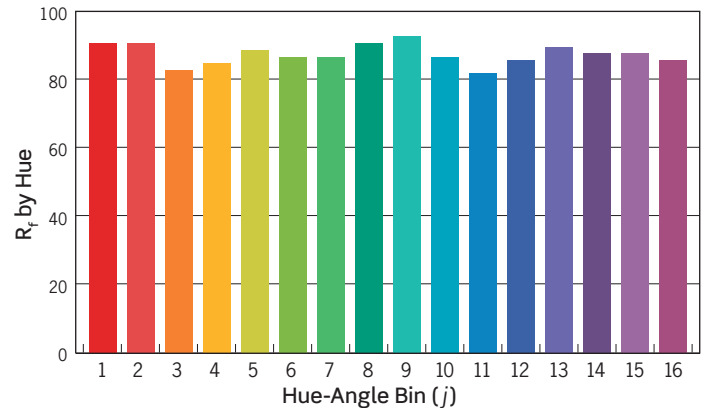
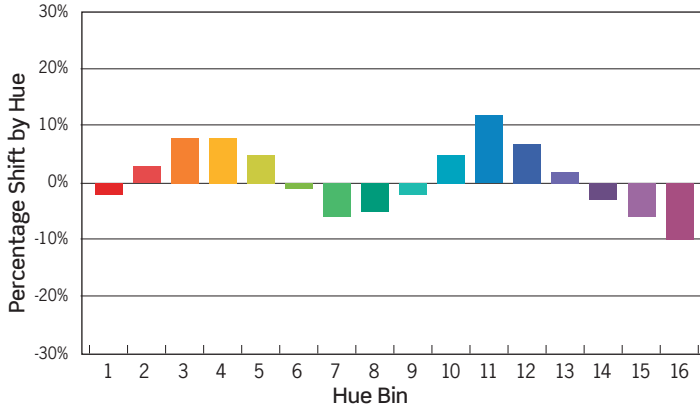
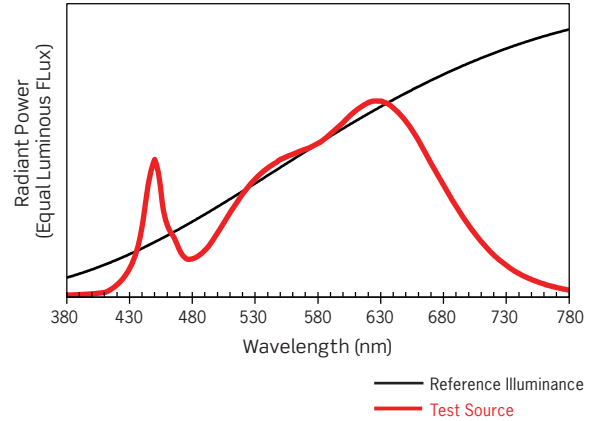
$R_f$	89
$R_g$	103
CCT(K)	3178K
$D_{uv}$	-0.0035
$u^l$	0.2461
$v^l$	0.5130

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 <sub>f</sub> VALUE	92	92	84	87	90	89	90	92	94	87	82	87	91	89	89	87