

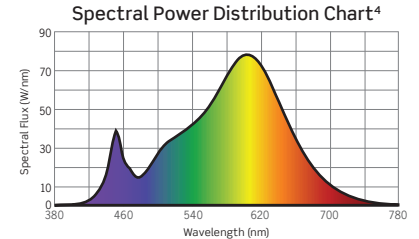
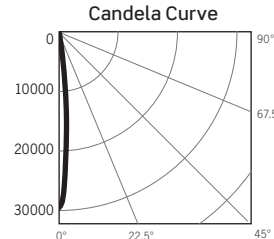
CTL93 SERIES | Gallery M Track Luminaire Standard Luminus Photometry

CTL932NS3KD: 14W, 3000K, 83 CRI, NARROW SPOT BEAM

Test No. G25072304

Fixture Delivered Lumens: 1423.61
Total Watts@120V: 14.7
Lumens Per Watt: 96.84
Center Beam Candle Power: 29580
Beam Distribution: 11.6°
Spacing Criterion: 0.19
Color Rendering Index (CRI)¹: 82.8
Color Temperature (CCT)²: 3004K
Designed for 50,000 Hour Lamp Life³

Intensity Distribution		
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIA. (FT.)
4 FT	1848.8	0.8
6 FT	821.7	1.2
8 FT	462.2	1.6
10 FT	295.8	2.0
12 FT	205.4	2.4
14 FT	150.9	2.9



NARROW SPOT BEAM OUTPUT MULTIPLIERS

10W

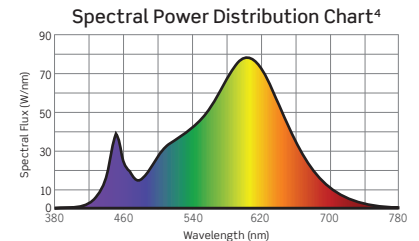
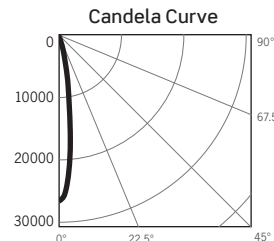
0.74

CTL934SP3KD: 28W, 3000K, 83 CRI, SPOT BEAM

Test No. G25082504

Fixture Delivered Lumens: 2767.5
Total Watts@120V: 28.7
Lumens Per Watt: 96.43
Center Beam Candle Power: 26608
Beam Distribution: 14.8°
Spacing Criterion: 0.27
Color Rendering Index (CRI)¹: 82.8
Color Temperature (CCT)²: 3004K
Designed for 50,000 Hour Lamp Life³

Intensity Distribution		
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIA. (FT.)
4 FT	1663.0	1.0
6 FT	739.1	1.6
8 FT	415.8	2.1
10 FT	266.1	2.6
12 FT	184.8	3.1
14 FT	135.8	3.6



SPOT BEAM OUTPUT MULTIPLIERS

10W

14W

19W

0.40

0.56

0.76

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

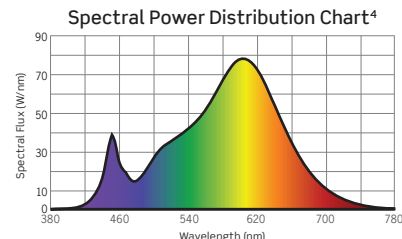
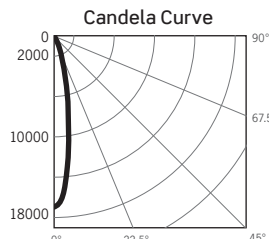
CTL93 SERIES | Gallery M Track Luminaire Standard Luminous Photometry

CTL935NF3KD: 35W, 3000K, 83 CRI, NARROW FLOOD BEAM

Test No. G25071703

Fixture Delivered Lumens: 3259.7
Total Watts@120V: 35.4
Lumens Per Watt: 92.08
Center Beam Candle Power: 17020
Beam Distribution: 21.6°
Spacing Criterion: 0.37
Color Rendering Index (CRI)¹: 82.8
Color Temperature (CCT)²: 3004K
Designed for 50,000 Hour Lamp Life³

Intensity Distribution		
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIA. (FT.)
4 FT	1063.7	1.5
6 FT	472.8	2.3
8 FT	265.9	3.1
10 FT	170.2	3.8
12 FT	118.2	4.6
14 FT	86.8	5.4

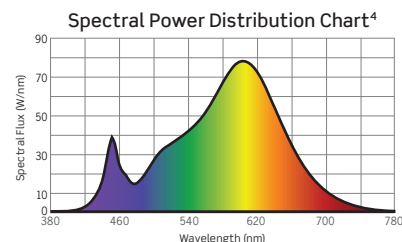
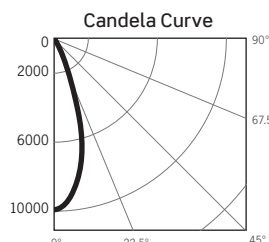


CTL935MF3KD: 35W, 3000K, 83 CRI, MEDIUM FLOOD BEAM

Test No. G25071702

Fixture Delivered Lumens: 3715.7
Total Watts@120V: 35.4
Lumens Per Watt: 104.96
Center Beam Candle Power: 9897
Beam Distribution: 35.2°
Spacing Criterion: 0.55
Color Rendering Index (CRI)¹: 82.8
Color Temperature (CCT)²: 3004K
Designed for 50,000 Hour Lamp Life³

Intensity Distribution		
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIA. (FT.)
4 FT	618.6	2.5
6 FT	274.9	3.8
8 FT	154.6	5.1
10 FT	99.0	6.3
12 FT	68.7	7.6
14 FT	50.5	8.9

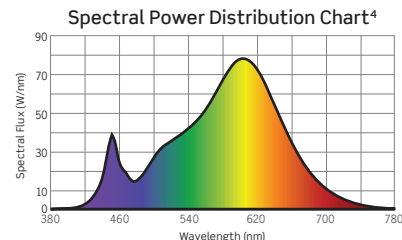
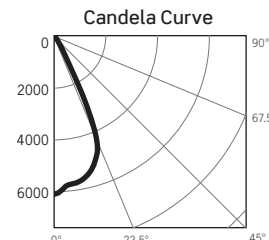


CTL935FL3KD: 35W, 3000K, 83 CRI, FLOOD BEAM

Test No. G25071701

Fixture Delivered Lumens: 3735.1
Total Watts@120V: 35.4
Lumens Per Watt: 105.51
Center Beam Candle Power: 6137
Beam Distribution: 51.8°
Spacing Criterion: 0.71
Color Rendering Index (CRI)¹: 82.8
Color Temperature (CCT)²: 3004K
Designed for 50,000 Hour Lamp Life³

Intensity Distribution		
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIA. (FT.)
4 FT	383.5	3.9
6 FT	170.5	5.8
8 FT	95.9	7.8
10 FT	61.4	9.7
12 FT	42.6	11.6
14 FT	31.3	13.6

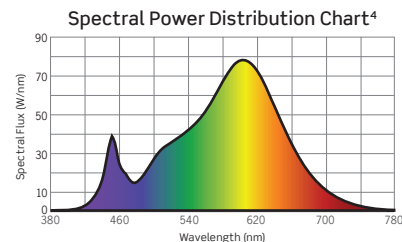
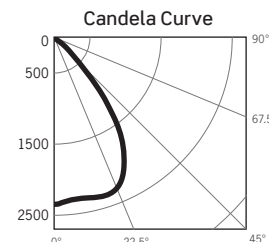


CTL934SP3KD: 35W, 3000K, 83 CRI, WIDE FLOOD BEAM

Test No. G25091601

Fixture Delivered Lumens: 3474.6
Total Watts@120V: 35.1
Lumens Per Watt: 99.00
Center Beam Candle Power: 2347
Beam Distribution: 79.4°
Spacing Criterion: 1.13
Color Rendering Index (CRI)¹: 82.8
Color Temperature (CCT)²: 3004K
Designed for 50,000 Hour Lamp Life³

Intensity Distribution		
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIA. (FT.)
4 FT	146.7	6.7
6 FT	65.2	10.0
8 FT	36.7	13.3
10 FT	23.5	16.6
12 FT	16.3	19.9
14 FT	12.0	23.3



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

OUTPUT MULTIPLIERS			
10W	14W	19W	28W
0.30	0.42	0.59	0.79

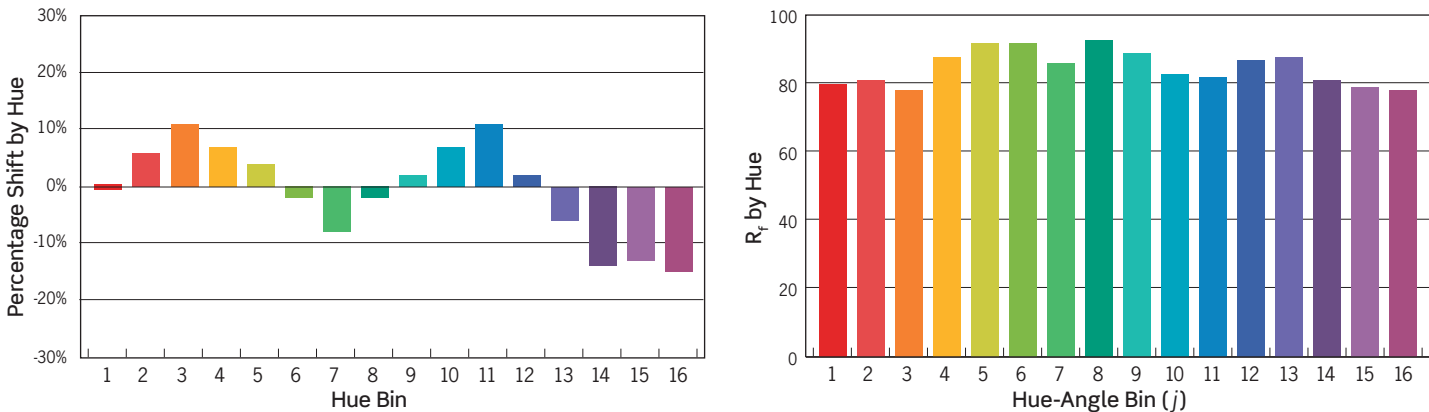
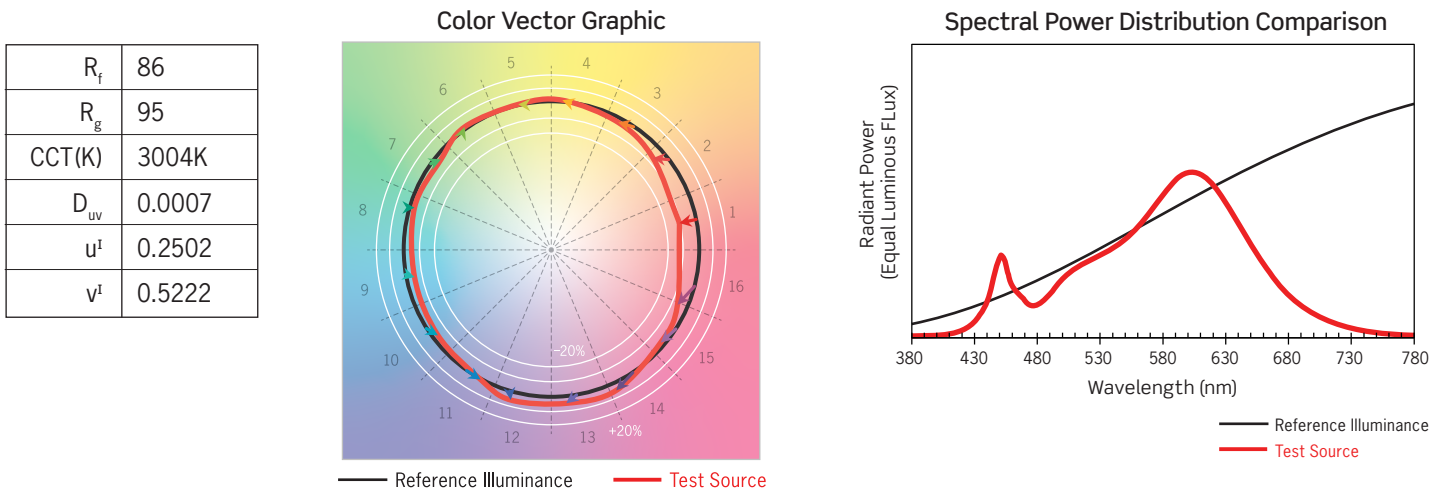
CTL93 SERIES

| Gallery M Track Luminaire Standard Luminus Photometry

TM-30 DATA: CTL935MF3KD

ANSI/IES TM-30-18 Color Rendition Report Test No. S21072001

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	0%	7%	10%	6%	3%	-2%	-6%	-1%	3%	8%	11%	2%	-8%	-16%	-13%	-14%
R _f VALUE	80	82	80	91	94	94	88	94	90	86	84	87	88	80	79	78