

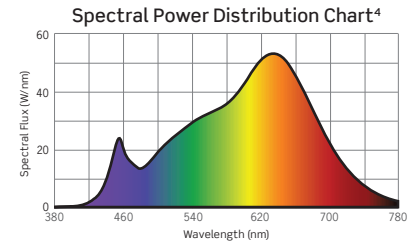
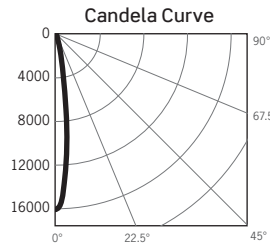
CTL93 SERIES | Gallery M Track Luminaire Xicato® LED Photometry

CTL933NS3XCD: 19W, 3000K, 95 CRI, NARROW SPOT BEAM

Test No. G25090403

Fixture Delivered Lumens: 1324.29
Total Watts@120V: 20.3
Lumens Per Watt: 64.24
Center Beam Candle Power: 16112
Beam Distribution: 12.8°
Spacing Criterion: 0.24
Color Rendering Index (CRI)¹: 97.8
Color Temperature (CCT)²: 2938K
Designed for 50,000 Hour Lamp Life³

Intensity Distribution		
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIA. (FT.)
4 FT	1007.0	0.9
6 FT	447.6	1.4
8 FT	251.8	1.8
10 FT	161.1	2.3
12 FT	111.9	2.7
14 FT	82.2	3.2



NARROW SPOT BEAM OUTPUT MULTIPLIERS

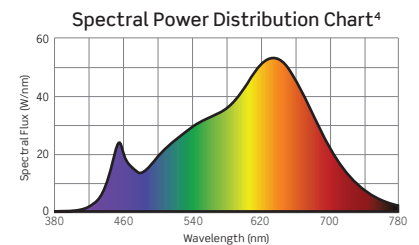
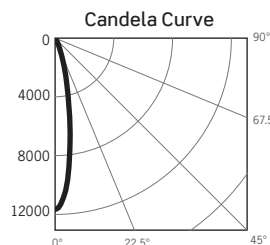
10W	14W
0.55	0.75

CTL935SP3XCD: 35W, 3000K, 95 CRI, SPOT BEAM

Test No. G25082701

Fixture Delivered Lumens: 2131.04
Total Watts@120V: 34.7
Lumens Per Watt: 61.41
Center Beam Candle Power: 11703
Beam Distribution: 18.2°
Spacing Criterion: 0.36
Color Rendering Index (CRI)¹: 97.8
Color Temperature (CCT)²: 2938K
Designed for 50,000 Hour Lamp Life³

Intensity Distribution		
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIA. (FT.)
4 FT	731.5	1.3
6 FT	325.1	1.9
8 FT	182.9	2.6
10 FT	117.0	3.2
12 FT	81.3	3.9
14 FT	59.7	4.5

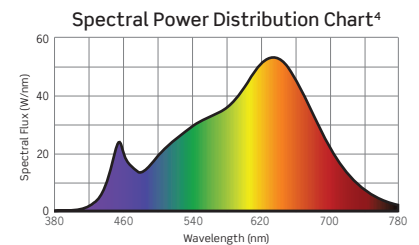
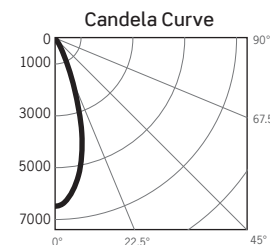


CTL935MF3XCD: 35W, 3000K, 95 CRI, MEDIUM FLOOD BEAM

Test No. G25082605

Fixture Delivered Lumens: 2403.31
Total Watts@120V: 34.7
Lumens Per Watt: 69.26
Center Beam Candle Power: 6507
Beam Distribution: 35.5°
Spacing Criterion: 0.55
Color Rendering Index (CRI)¹: 97.8
Color Temperature (CCT)²: 2938K
Designed for 50,000 Hour Lamp Life³

Intensity Distribution		
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIA. (FT.)
4 FT	406.7	2.6
6 FT	180.7	3.8
8 FT	101.7	5.1
10 FT	65.1	6.4
12 FT	45.2	7.7
14 FT	33.2	9.0



OUTPUT MULTIPLIERS

10W	14W	19W	28W
0.31	0.43	0.60	0.81

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	95 CRI
2700K	0.92
3000K	1.00
3500K	1.05
4000K	1.10

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CTL935FL3XCD: 35W, 3000K, 95 CRI, FLOOD BEAM

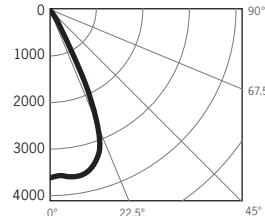
Test No. G25082604

Fixture Delivered Lumens: 2398.7
Total Watts@120V: 34.8
Lumens Per Watt: 68.93
Center Beam Candle Power: 3637
Beam Distribution: 51.1°
Spacing Criterion: 0.72
Color Rendering Index (CRI)¹: 97.8
Color Temperature (CCT)²: 2938K
Designed for 50,000 Hour Lamp Life³

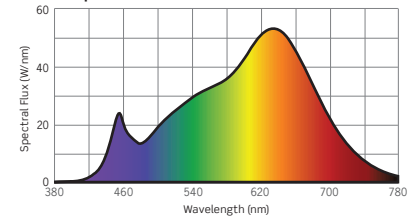
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIA. (FT.)
4 FT	227.3	3.8
6 FT	101.0	5.7
8 FT	56.8	7.6
10 FT	36.4	9.6
12 FT	25.3	11.5
14 FT	18.6	13.4

Candela Curve



Spectral Power Distribution Chart⁴



CTL935WF3XCD: 35W, 3000K, 95 CRI, WIDE FLOOD BEAM

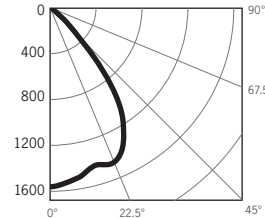
Test No. G25091501

Fixture Delivered Lumens: 2228.46
Total Watts@120V: 34.4
Lumens Per Watt: 64.78
Center Beam Candle Power: 1566
Beam Distribution: 79.9°
Spacing Criterion: 1.13
Color Rendering Index (CRI)¹: 97.8
Color Temperature (CCT)²: 2938K
Designed for 50,000 Hour Lamp Life³

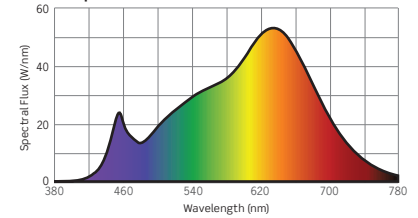
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIA. (FT.)
4 FT	97.9	6.7
6 FT	43.5	10.1
8 FT	24.5	13.4
10 FT	15.7	16.8
12 FT	10.9	20.1
14 FT	8.0	23.5

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 (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	95 CRI
2700K	0.92
3000K	1.00
3500K	1.05
4000K	1.10

OUTPUT MULTIPLIERS			
10W	14W	19W	28W
0.31	0.43	0.60	0.81

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TM-30 DATA: CTL935MF3XCD

ANSI/IES TM-30-18 Color Rendition Report Test No. S25082701

Colors are for visual orientation purposes only

