

## CTL94 SERIES | Gallery XL Luminaire Warm Dim LED Photometry

### CTL940VNWDD: 13W, 3000K, 90 CRI, VERY NARROW SPOT PC OPTIC

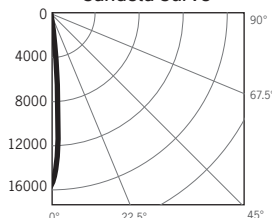
Test No. G22042503

Fixture Delivered Lumens: 577.6  
Total Watts@120V: 13.6  
Lumens Per Watt: 42.47  
Center Beam Candle Power: 15623  
Beam Distribution: 8.9°  
Spacing Criterion: 0.15  
Color Rendering Index (CRI)<sup>1</sup>: 90.2  
Color Temperature (CCT)<sup>2</sup>: 3021K  
Designed for 50,000 Hour Lamp Life<sup>3</sup>

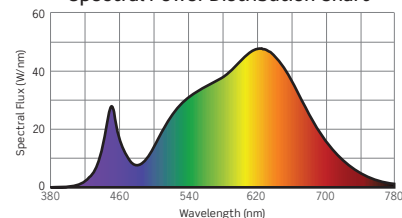
Intensity Distribution

| DISTANCE<br>(FT.) | FOOTCANDLES<br>(FC) | BEAM DIA.<br>(FT.) |
|-------------------|---------------------|--------------------|
| 4 FT              | 976.4               | 0.6                |
| 6 FT              | 434.0               | 0.9                |
| 8 FT              | 244.1               | 1.3                |
| 10 FT             | 156.2               | 1.6                |
| 12 FT             | 108.5               | 1.9                |
| 14 FT             | 79.7                | 2.2                |

Candela Curve



Spectral Power Distribution Chart<sup>4</sup>



### CTL943NSWDD: 35W, 3000K, 90 CRI, NARROW SPOT PC OPTIC

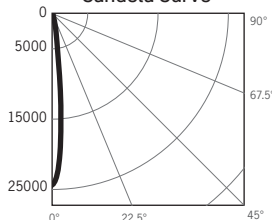
Test No. G22030101

Fixture Delivered Lumens: 1209.4  
Total Watts@120V: 34.7  
Lumens Per Watt: 34.9  
Center Beam Candle Power: 24375  
Beam Distribution: 11.7°  
Spacing Criterion: 0.20  
Color Rendering Index (CRI)<sup>1</sup>: 90.2  
Color Temperature (CCT)<sup>2</sup>: 3021K  
Designed for 50,000 Hour Lamp Life<sup>3</sup>

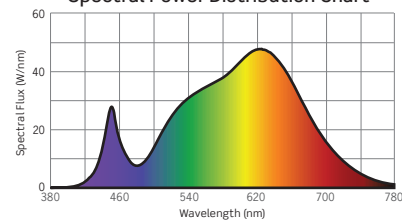
Intensity Distribution

| DISTANCE<br>(FT.) | FOOTCANDLES<br>(FC) | BEAM DIA.<br>(FT.) |
|-------------------|---------------------|--------------------|
| 4 FT              | 1523.4              | 0.8                |
| 6 FT              | 677.1               | 1.2                |
| 8 FT              | 380.9               | 1.6                |
| 10 FT             | 243.8               | 2.1                |
| 12 FT             | 169.3               | 2.5                |
| 14 FT             | 124.4               | 2.9                |

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

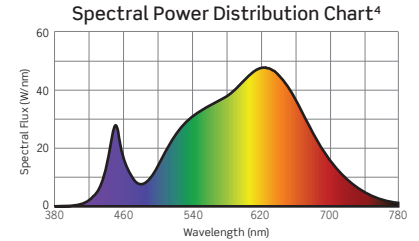
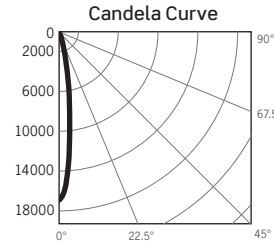
## CTL94 SERIES | Gallery XL Luminaire Warm Dim LED Photometry

### CTL943SPWDD: 35W, 3000K, 90 CRI, SPOT REFLECTOR

Test No. G22030102

Fixture Delivered Lumens: 2032.2  
Total Watts@120V: 34.7  
Lumens Per Watt: 58.57  
Center Beam Candle Power: 16935  
Beam Distribution: 14.8°  
Spacing Criterion: 0.28  
Color Rendering Index (CRI)<sup>1</sup>: 90.2  
Color Temperature (CCT)<sup>2</sup>: 3021K  
Designed for 50,000 Hour Lamp Life<sup>3</sup>

| Intensity Distribution |                  |                 |
|------------------------|------------------|-----------------|
| DISTANCE (FT.)         | FOOTCANDLES (FC) | BEAM DIA. (FT.) |
| 4 FT                   | 1058.4           | 1.0             |
| 6 FT                   | 470.4            | 1.6             |
| 8 FT                   | 264.6            | 2.1             |
| 10 FT                  | 169.3            | 2.6             |
| 12 FT                  | 117.6            | 3.1             |
| 14 FT                  | 86.4             | 3.7             |

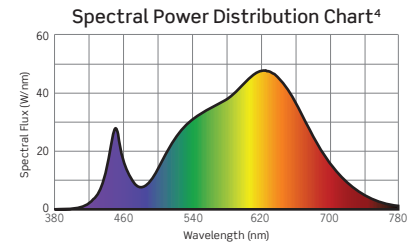
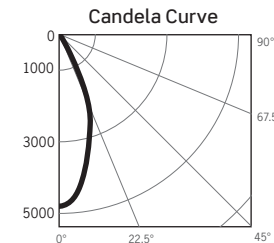


### CTL943MEWDD: 35W, 3000K, 90 CRI, MEDIUM REFLECTOR

Test No. G22030103

Fixture Delivered Lumens: 2290.6  
Total Watts@120V: 34.7  
Lumens Per Watt: 66.0  
Center Beam Candle Power: 7447  
Beam Distribution: 26.1°  
Spacing Criterion: 0.52  
Color Rendering Index (CRI)<sup>1</sup>: 90.2  
Color Temperature (CCT)<sup>2</sup>: 3021K  
Designed for 50,000 Hour Lamp Life<sup>3</sup>

| Intensity Distribution |                  |                 |
|------------------------|------------------|-----------------|
| DISTANCE (FT.)         | FOOTCANDLES (FC) | BEAM DIA. (FT.) |
| 4 FT                   | 465.4            | 1.9             |
| 6 FT                   | 206.9            | 2.8             |
| 8 FT                   | 116.4            | 3.7             |
| 10 FT                  | 74.5             | 4.6             |
| 12 FT                  | 51.7             | 5.6             |
| 14 FT                  | 38.0             | 6.5             |

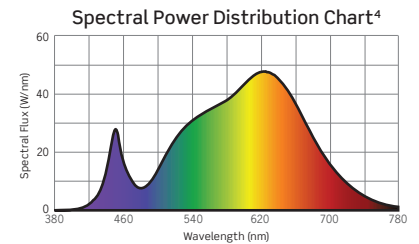
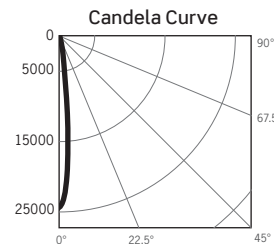


### CTL943NSWDD: 35W, 3000K, 90 CRI, FLOOD REFLECTOR

Test No. G22030104

Fixture Delivered Lumens: 2374.1  
Total Watts@120V: 34.7  
Lumens Per Watt: 68.4  
Center Beam Candle Power: 4784  
Beam Distribution: 41.2°  
Spacing Criterion: 0.66  
Color Rendering Index (CRI)<sup>1</sup>: 90.2  
Color Temperature (CCT)<sup>2</sup>: 3021K  
Designed for 50,000 Hour Lamp Life<sup>3</sup>

| Intensity Distribution |                  |                 |
|------------------------|------------------|-----------------|
| DISTANCE (FT.)         | FOOTCANDLES (FC) | BEAM DIA. (FT.) |
| 4 FT                   | 299.0            | 3.0             |
| 6 FT                   | 132.9            | 4.5             |
| 8 FT                   | 74.7             | 6.0             |
| 10 FT                  | 47.8             | 7.5             |
| 12 FT                  | 33.2             | 9.0             |
| 14 FT                  | 24.4             | 10.5            |

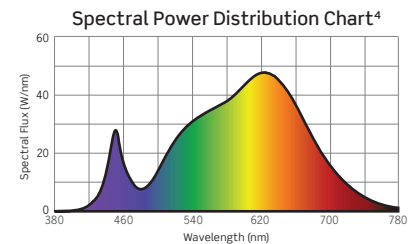
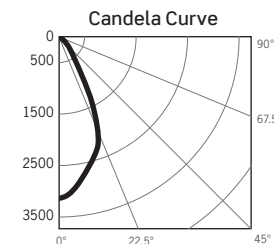


### CTL943NSWDD: 35W, 3000K, 90 CRI, WIDE FLOOD REFLECTOR

Test No. G22030105

Fixture Delivered Lumens: 2372.4  
Total Watts@120V: 34.7  
Lumens Per Watt: 68.4  
Center Beam Candle Power: 3128  
Beam Distribution: 50.9°  
Spacing Criterion: 0.76  
Color Rendering Index (CRI)<sup>1</sup>: 90.2  
Color Temperature (CCT)<sup>2</sup>: 3021K  
Designed for 50,000 Hour Lamp Life<sup>3</sup>

| Intensity Distribution |                  |                 |
|------------------------|------------------|-----------------|
| DISTANCE (FT.)         | FOOTCANDLES (FC) | BEAM DIA. (FT.) |
| 4 FT                   | 195.5            | 3.8             |
| 6 FT                   | 86.9             | 5.7             |
| 8 FT                   | 48.9             | 7.6             |
| 10 FT                  | 31.3             | 9.5             |
| 12 FT                  | 21.7             | 11.4            |
| 14 FT                  | 16.0             | 13.3            |



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 Luminaire Wattage/Output. To estimate lumen output of the various options, multiply the results by the following:

| REFLECTOR OUTPUT MULTIPLIERS |      |
|------------------------------|------|
| 13W                          | 35W  |
| 0.48                         | 1.00 |

CTL94 SERIES

| Gallery XL Luminaire Warm Dim LED Photometry

TM-30 DATA: CTL943MEWDD - AT FULL BRIGHTNESS

ANSI/IES TM-30-18 Color Rendition Report Test No. S22030101

Colors are for visual orientation purposes only

