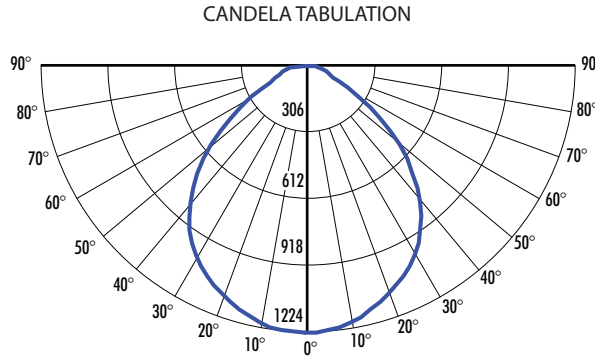


## PHOTOMETRY

### CRTR8SHL24WWUE-D10-T40 (3000lm, 30W, 4000K)

System Power: 29W  
 Test Date: 10/2023  
 Beam Angle 50%: 96.4°  
 Field Angle 10%: 144.5°  
 Color Temperature: 3997K  
 CRI: 83.3  
 Lumens Delivered: 2766  
 CBCP: 1224  
 Power Factor: 0.99

| MULTIPLIERS    |             |
|----------------|-------------|
| CCT            |             |
| 3000K:         | 0.93        |
| 3500K:         | 1.04        |
| <b>4000K:</b>  | <b>1.00</b> |
| Lumen Package  |             |
| 1000lm:        | 0.40        |
| 1200lm:        | 0.54        |
| 1700lm:        | 0.75        |
| <b>2400lm:</b> | <b>1.00</b> |
| Lens           |             |
| <b>Blank:</b>  | <b>1.00</b> |
| LENS60:        | 1.09        |
| LENS110:       | 1.12        |



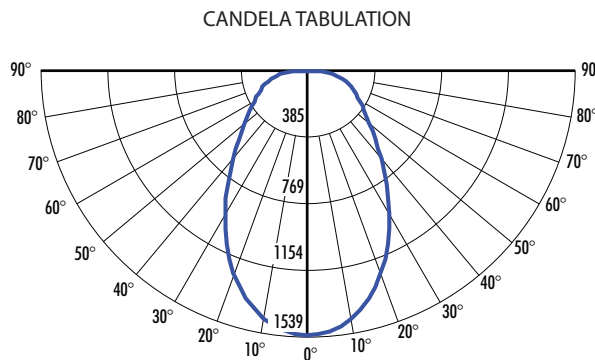
#### FOOTCANDLE DISTRIBUTION

| Height | Beam Diameter | FC    |
|--------|---------------|-------|
| 10.0'  | 22.37'        | 12.24 |
| 12.0'  | 26.84'        | 8.50  |
| 14.0'  | 31.32'        | 6.25  |
| 16.0'  | 35.79'        | 4.78  |
| 18.0'  | 40.26'        | 3.78  |
| 20.0'  | 44.74'        | 3.06  |

### CRTR8SHL24WWUE-D10-T40-LENS60 (3000lm, 30W, 60°, 4000K)

System Power: 29W  
 Test Date: 10/2023  
 Beam Angle 50%: 72.6°  
 Field Angle 10%: 163.9°  
 Color Temperature: 4054K  
 CRI: 83.4  
 Lumens Delivered: 3020  
 CBCP: 1539  
 Power Factor: 0.99

| MULTIPLIERS    |             |
|----------------|-------------|
| CCT            |             |
| 3000K:         | 0.93        |
| 3500K:         | 1.04        |
| <b>4000K:</b>  | <b>1.00</b> |
| Lumen Package  |             |
| 1000lm:        | 0.40        |
| 1200lm:        | 0.54        |
| 1700lm:        | 0.75        |
| <b>2400lm:</b> | <b>1.00</b> |
| Lens           |             |
| <b>Blank:</b>  | <b>1.00</b> |
| LENS60:        | 1.09        |
| LENS110:       | 1.12        |



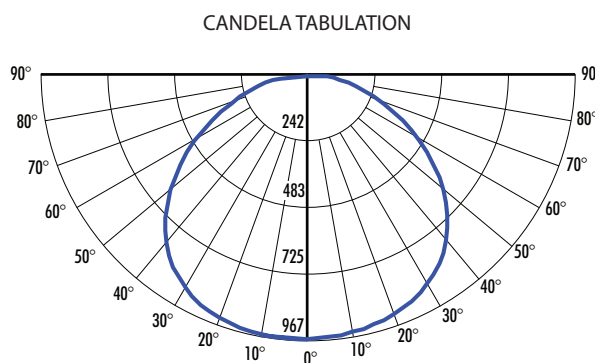
#### FOOTCANDLE DISTRIBUTION

| Height | Beam Diameter | FC    |
|--------|---------------|-------|
| 10.0'  | 14.69'        | 15.39 |
| 12.0'  | 17.63'        | 10.69 |
| 14.0'  | 20.57'        | 7.85  |
| 16.0'  | 23.51'        | 6.01  |
| 18.0'  | 26.44'        | 4.75  |
| 20.0'  | 29.38'        | 3.85  |

### CRTR8SHL24WWUE-D10-T40-LENS110 (3000lm, 30W, 110°, 4000K)

System Power: 29W  
 Test Date: 10/2023  
 Beam Angle 50%: 119.2°  
 Field Angle 10%: 170.1°  
 Color Temperature: 4058K  
 CRI: 83.3  
 Lumens Delivered: 3097  
 CBCP: 967  
 Power Factor: 0.99

| MULTIPLIERS    |             |
|----------------|-------------|
| CCT            |             |
| 3000K:         | 0.93        |
| 3500K:         | 1.04        |
| <b>4000K:</b>  | <b>1.00</b> |
| Lumen Package  |             |
| 1000lm:        | 0.40        |
| 1200lm:        | 0.54        |
| 1700lm:        | 0.75        |
| <b>2400lm:</b> | <b>1.00</b> |
| Lens           |             |
| <b>Blank:</b>  | <b>1.00</b> |
| LENS60:        | 1.09        |
| LENS110:       | 1.12        |



#### FOOTCANDLE DISTRIBUTION

| Height | Beam Diameter | FC   |
|--------|---------------|------|
| 10.0'  | 34.09'        | 9.66 |
| 12.0'  | 40.91'        | 6.71 |
| 14.0'  | 47.72'        | 4.93 |
| 16.0'  | 54.54'        | 3.77 |
| 18.0'  | 61.36'        | 2.98 |
| 20.0'  | 68.18'        | 2.42 |

2023.10.17