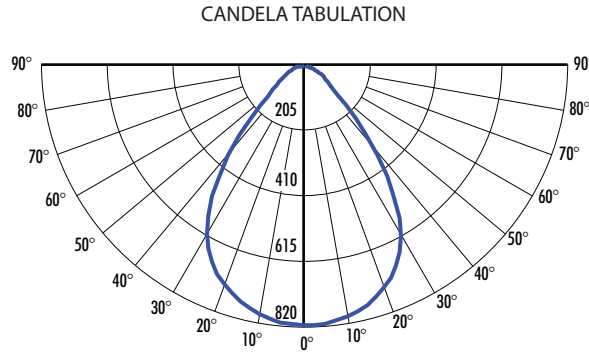


PHOTOMETRY

CRTR6QLS1320WWUE-D10-TS40_LOW (1300lm, 17W, 4000K)

System Power: 16W
Test Date: 02/2024
Beam Angle 50%: 76.9°
Field Angle 10%: 120.2°
Color Temperature: 3812K
CRI: 82.0
Lumens Delivered: 1321
CBCP: 820.39
Power Factor: 0.99

| MULTIPLIERS | |
|------------------|------|
| REFLECTOR FINISH | |
| CW : | 0.00 |
| SS : | 0.00 |
| SW : | 0.00 |
| WW : | 0.00 |
| CCT | |
| 3000K : | 1.01 |
| 3500K : | 1.12 |
| 4000K : | 1.00 |



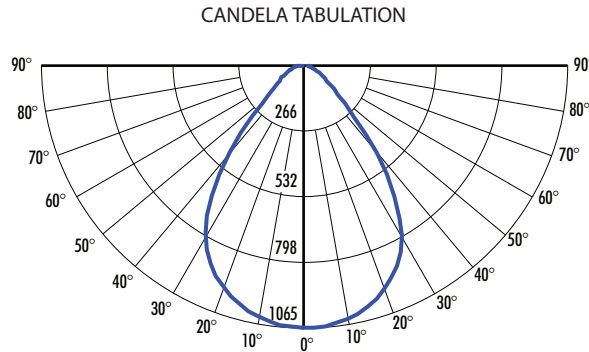
FOOTCANDLE DISTRIBUTION

| Height | Beam Diameter | FC |
|--------|---------------|-------|
| 8.0' | 12.70' | 12.82 |
| 10.0' | 15.88' | 8.20 |
| 12.0' | 19.06' | 5.70 |
| 14.0' | 22.23' | 4.19 |
| 16.0' | 25.41' | 3.20 |

CRTR6QLS1320WWUE-D10-TS40_MID (1700lm, 22W, 4000K)

System Power: 22W
Test Date: 02/2024
Beam Angle 50%: 76.4°
Field Angle 10%: 119.3°
Color Temperature: 3810K
CRI: 81.6
Lumens Delivered: 1687
CBCP: 1064.64
Power Factor: 0.99

| MULTIPLIERS | |
|------------------|------|
| REFLECTOR FINISH | |
| CW : | 0.00 |
| SS : | 0.00 |
| SW : | 0.00 |
| WW : | 0.00 |
| CCT | |
| 3000K : | 1.01 |
| 3500K : | 1.12 |
| 4000K : | 1.00 |



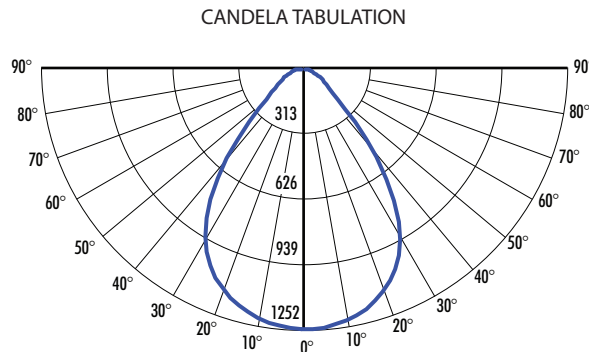
FOOTCANDLE DISTRIBUTION

| Height | Beam Diameter | FC |
|--------|---------------|-------|
| 8.0' | 12.59' | 16.64 |
| 10.0' | 15.74' | 10.65 |
| 12.0' | 18.89' | 7.39 |
| 14.0' | 22.03' | 5.43 |
| 16.0' | 25.18' | 4.16 |

CRTR6QLS1320WWUE-D10-TS40_HIGH (2000lm, 28W, 4000K)

System Power: 27W
Test Date: 02/2024
Beam Angle 50%: 77.0°
Field Angle 10%: 120.5°
Color Temperature: 3821K
CRI: 81.5
Lumens Delivered: 2019
CBCP: 1251.08
Power Factor: 0.99

| MULTIPLIERS | |
|------------------|------|
| REFLECTOR FINISH | |
| CW : | 0.00 |
| SS : | 0.00 |
| SW : | 0.00 |
| WW : | 0.00 |
| CCT | |
| 3000K : | 1.01 |
| 3500K : | 1.12 |
| 4000K : | 1.00 |



FOOTCANDLE DISTRIBUTION

| Height | Beam Diameter | FC |
|--------|---------------|-------|
| 8.0' | 12.73' | 19.54 |
| 10.0' | 15.91' | 12.51 |
| 12.0' | 19.09' | 8.69 |
| 14.0' | 22.27' | 6.38 |
| 16.0' | 25.45' | 4.89 |

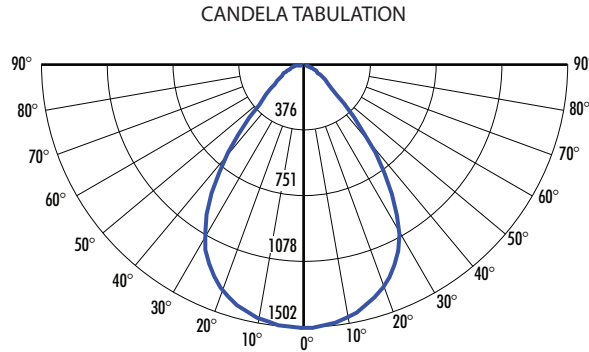
2024.02.01

PHOTOMETRY (Continued)

CRTR6QLS2333WWUE-D10-TS40_LOW (2300lm, 30W, 4000K)

System Power: 32W
Test Date: 02/2024
Beam Angle 50%: 76.1°
Field Angle 10%: 119.0°
Color Temperature: 3854K
CRI: 83.4
Lumens Delivered: 2365
CBCP: 1502
Power Factor: 0.99

| MULTIPLIERS | |
|------------------|------|
| REFLECTOR FINISH | |
| CW: | 0.00 |
| SS: | 0.00 |
| SW: | 0.00 |
| WW: | 0.00 |
| CCT | |
| 3000K: | 1.01 |
| 3500K: | 1.12 |
| 4000K: | 1.00 |



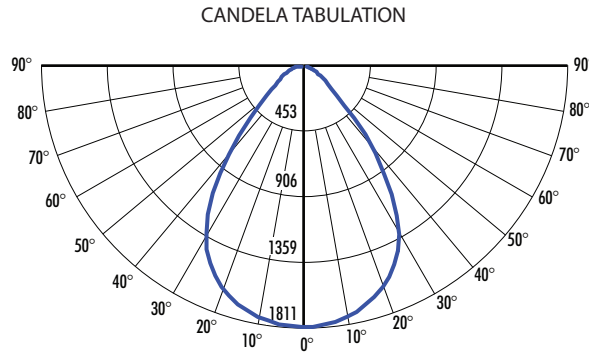
FOOTCANDLE DISTRIBUTION

| Height | Beam Diameter | FC |
|--------|---------------|-------|
| 8.0' | 12.52' | 22.45 |
| 10.0' | 15.65' | 14.37 |
| 12.0' | 18.78' | 9.98 |
| 14.0' | 21.92' | 7.33 |
| 16.0' | 25.05' | 5.61 |

CRTR6QLS2333WWUE-D10-TS40_MID (2800lm, 39W, 4000K)

System Power: 40W
Test Date: 02/2024
Beam Angle 50%: 76.2°
Field Angle 10%: 119.1°
Color Temperature: 3859K
CRI: 83.2
Lumens Delivered: 2853
CBCP: 1811
Power Factor: 0.99

| MULTIPLIERS | |
|------------------|------|
| REFLECTOR FINISH | |
| CW: | 0.00 |
| SS: | 0.00 |
| SW: | 0.00 |
| WW: | 0.00 |
| CCT | |
| 3000K: | 1.01 |
| 3500K: | 1.12 |
| 4000K: | 1.00 |



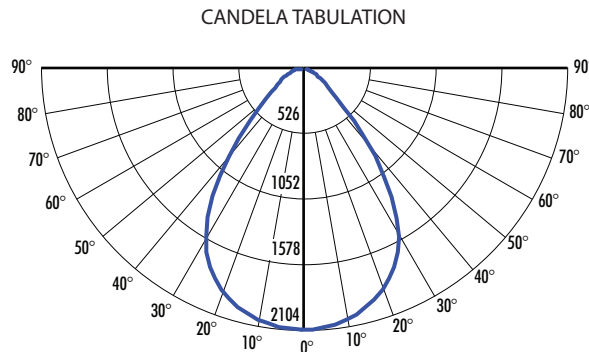
FOOTCANDLE DISTRIBUTION

| Height | Beam Diameter | FC |
|--------|---------------|-------|
| 8.0' | 12.55' | 26.06 |
| 10.0' | 15.68' | 16.68 |
| 12.0' | 18.82' | 11.58 |
| 14.0' | 21.95' | 8.51 |
| 16.0' | 25.09' | 6.51 |

CRTR6QLS2333WWUE-D10-TS40_HIGH (3300lm, 48W, 4000K)

System Power: 49W
Test Date: 02/2024
Beam Angle 50%: 76.2°
Field Angle 10%: 119.1°
Color Temperature: 3870K
CRI: 83.0
Lumens Delivered: 3317
CBCP: 2104
Power Factor: 0.99

| MULTIPLIERS | |
|------------------|------|
| REFLECTOR FINISH | |
| CW: | 0.00 |
| SS: | 0.00 |
| SW: | 0.00 |
| WW: | 0.00 |
| CCT | |
| 3000K: | 1.01 |
| 3500K: | 1.12 |
| 4000K: | 1.00 |



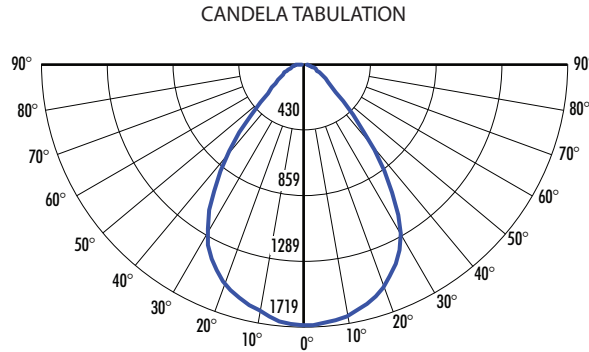
FOOTCANDLE DISTRIBUTION

| Height | Beam Diameter | FC |
|--------|---------------|-------|
| 8.0' | 12.55' | 28.73 |
| 10.0' | 15.68' | 18.39 |
| 12.0' | 18.82' | 12.77 |
| 14.0' | 21.95' | 9.38 |
| 16.0' | 25.09' | 7.18 |

PHOTOMETRY (Continued)

CRTR6QLS2737WWUE-D10-TS40_LOW (2700lm, 35W, 4000K)

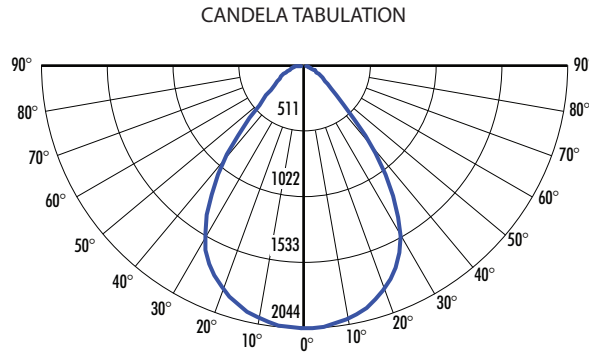
| | | |
|--------------------|---------|---------------------|
| System Power: | 35W | MULTIPLIERS |
| Test Date: | 02/2024 | REFLECTOR FINISH |
| Beam Angle 50%: | 75.9° | CW : 0.00 |
| Field Angle 10%: | 119.1° | SS : 0.00 |
| Color Temperature: | 3798K | SW : 0.00 |
| CRI: | 83.1 | WW : 0.00 |
| Lumens Delivered: | 2704 | CCT |
| CBCP: | 1718.7 | 3000K : 1.01 |
| Power Factor: | 0.99 | 3500K : 1.12 |
| | | 4000K : 1.00 |



| FOOTCANDLE DISTRIBUTION | | |
|-------------------------|---------------|-------|
| Height | Beam Diameter | FC |
| 8.0' | 12.48' | 26.85 |
| 10.0' | 15.60' | 17.19 |
| 12.0' | 18.72' | 11.94 |
| 14.0' | 21.84' | 8.77 |
| 16.0' | 24.96' | 6.71 |

CRTR6QLS2737WWUE-D10-TS40_MID (3200lm, 45W, 4000K)

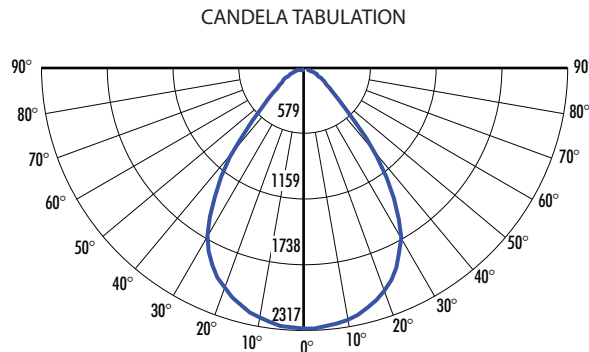
| | | |
|--------------------|---------|---------------------|
| System Power: | 45W | MULTIPLIERS |
| Test Date: | 02/2024 | REFLECTOR FINISH |
| Beam Angle 50%: | 76.3° | CW : 0.00 |
| Field Angle 10%: | 119.7° | SS : 0.00 |
| Color Temperature: | 3815K | SW : 0.00 |
| CRI: | 82.9 | WW : 0.00 |
| Lumens Delivered: | 3255 | CCT |
| CBCP: | 2043.57 | 3000K : 1.01 |
| Power Factor: | 0.99 | 3500K : 1.12 |
| | | 4000K : 1.00 |



| FOOTCANDLE DISTRIBUTION | | |
|-------------------------|---------------|-------|
| Height | Beam Diameter | FC |
| 8.0' | 12.57' | 31.93 |
| 10.0' | 15.71' | 20.44 |
| 12.0' | 18.85' | 14.19 |
| 14.0' | 21.99' | 10.43 |
| 16.0' | 25.14' | 7.98 |

CRTR6QLS2737WWUE-D10-TS40_HIGH (3700lm, 53W, 4000K)

| | | |
|--------------------|---------|---------------------|
| System Power: | 54W | MULTIPLIERS |
| Test Date: | 02/2024 | REFLECTOR FINISH |
| Beam Angle 50%: | 76.3° | CW : 0.00 |
| Field Angle 10%: | 119.6° | SS : 0.00 |
| Color Temperature: | 3830K | SW : 0.00 |
| CRI: | 82.7 | WW : 0.00 |
| Lumens Delivered: | 3690 | CCT |
| CBCP: | 2317.26 | 3000K : 1.01 |
| Power Factor: | 0.99 | 3500K : 1.12 |
| | | 4000K : 1.00 |



| FOOTCANDLE DISTRIBUTION | | |
|-------------------------|---------------|-------|
| Height | Beam Diameter | FC |
| 8.0' | 12.57' | 36.21 |
| 10.0' | 15.71' | 23.17 |
| 12.0' | 18.85' | 16.09 |
| 14.0' | 21.99' | 11.82 |
| 16.0' | 25.14' | 9.05 |