

Focus Flex



Light Efficiency:

11 Lumen/Watt

Light Quality:

CRI: 68.8

Color Temperature:

7721 K

Output: 1469 lm

Peak: 17452 cd

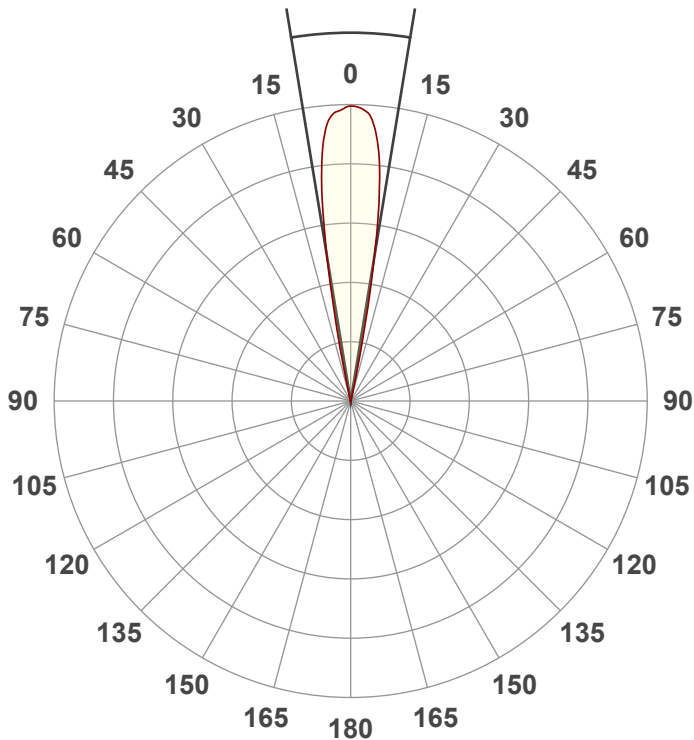
Power: 138.9 W

PF: 0.98



Beam Angle

18.6°



Test:

White Zoom 50%

Date:

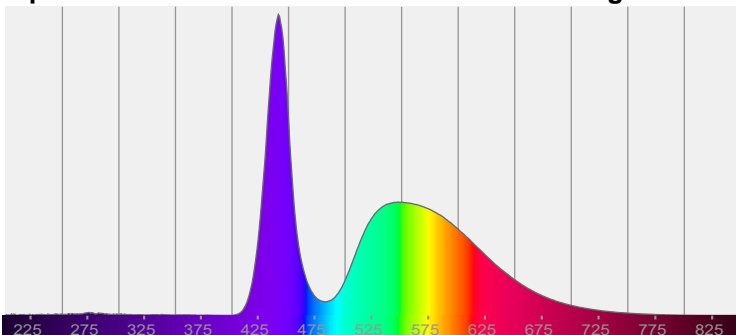
5/27/2022

Note:

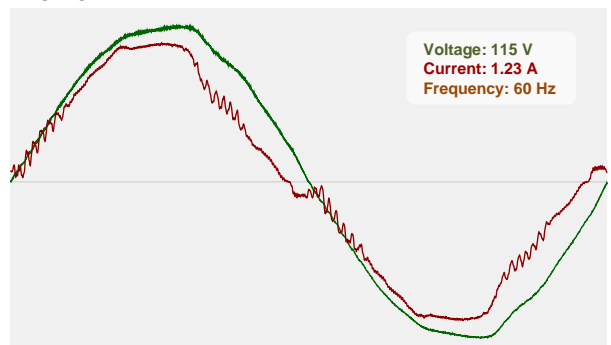
CIE 1931
x: 0.302
y: 0.295

Spectra

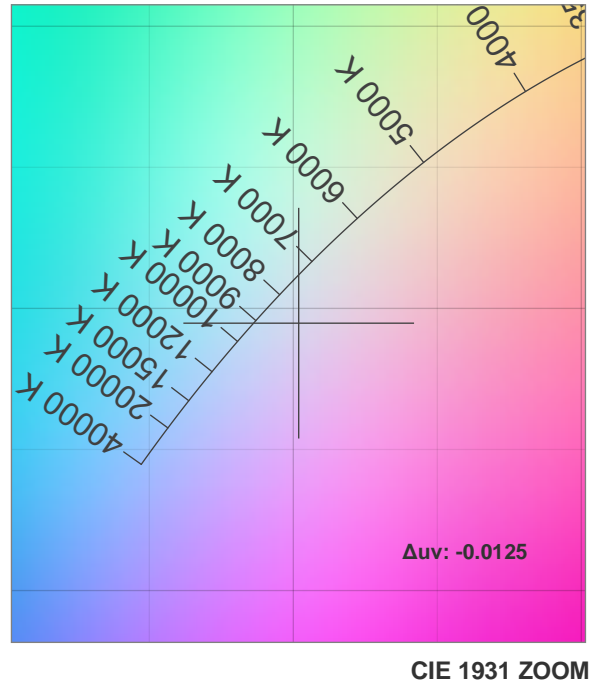
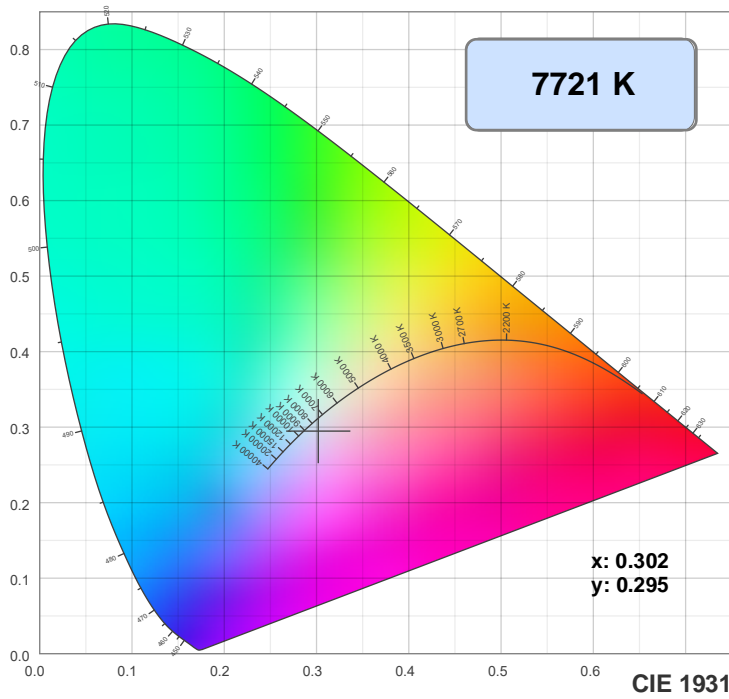
Dominant Wavelength: 360nm



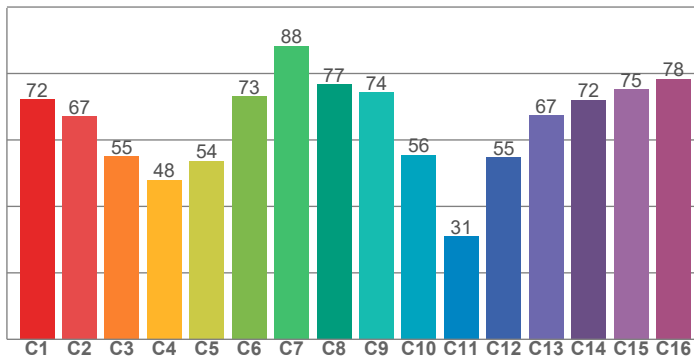
Power



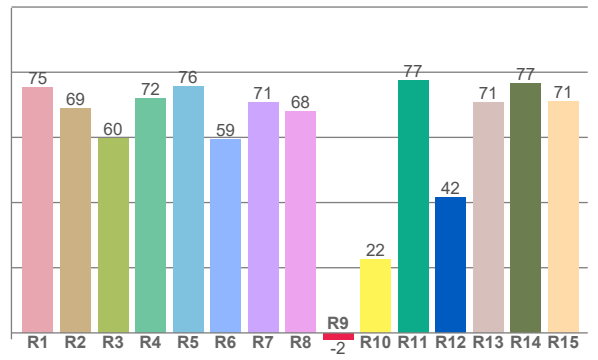
Color Details



TM30: 63.6



CRI: 68.8 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 75.4 | 69.0 | 59.8 | 72.0 | 75.8 | 59.4 | 70.9 | 67.9 | -2.0 | 22.4 | 77.4 | 41.7 | 70.8 | 76.6 | 71.1 |

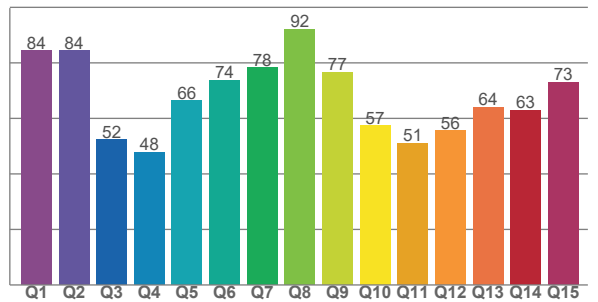
TM30 C values, 16 binned values out of total of 99 C values

| C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 72.3 | 67.0 | 55.0 | 48.0 | 53.6 | 73.2 | 88.3 | 76.7 | 74.3 | 55.5 | 31.0 | 54.8 | 67.5 | 72.1 | 75.3 | 78.3 |

CQS Q values

| Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 | Q9 | Q10 | Q11 | Q12 | Q13 | Q14 | Q15 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 84.4 | 84.3 | 52.4 | 47.8 | 66.5 | 73.8 | 78.4 | 92.1 | 76.7 | 57.3 | 51.1 | 55.5 | 64.1 | 63.0 | 73.1 |

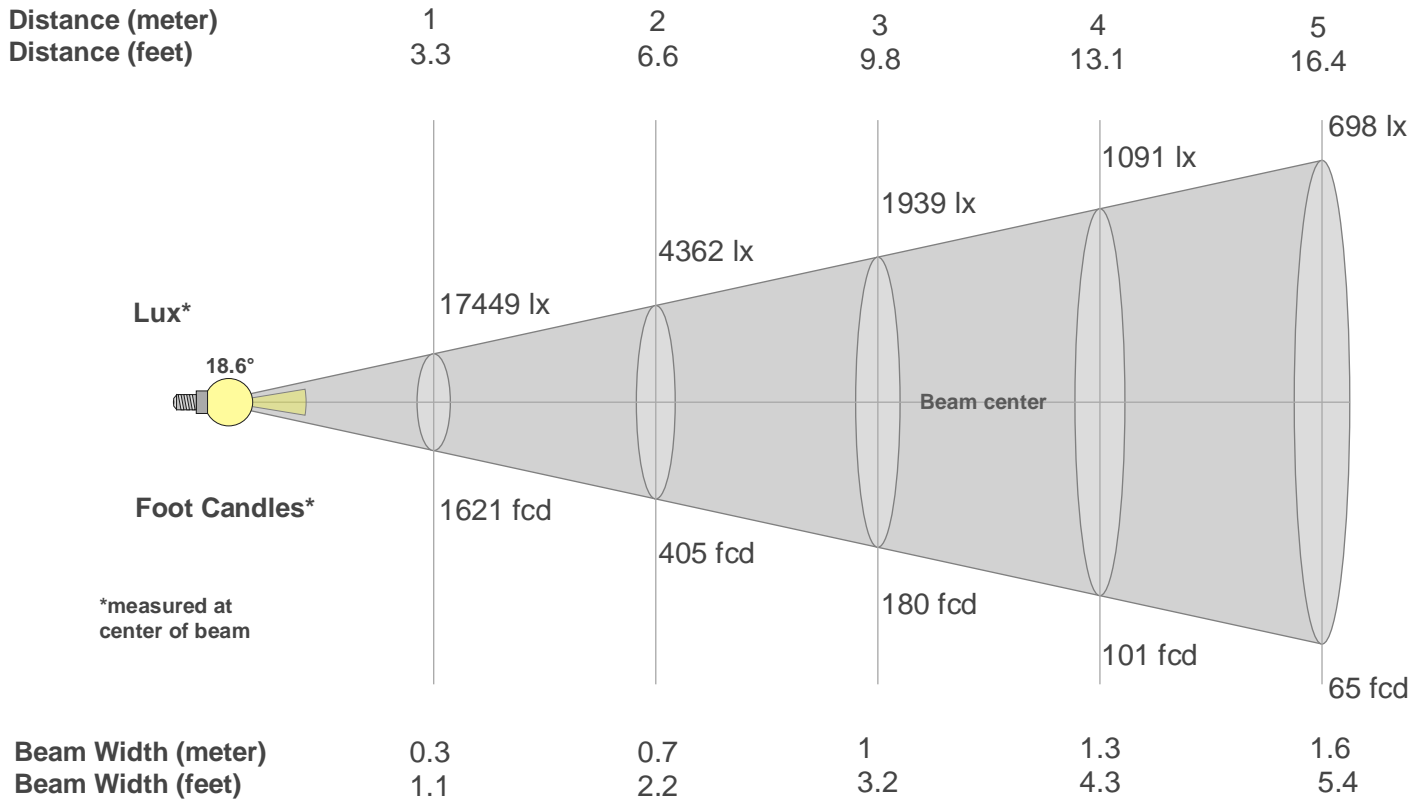
CQS: 65.4



Color Parameters

| Color Temperature | Color Rendering Index | Red Component | Color Fidelity | Color Gamut | Color Quality Scale | Color Coordinate CIE 1931 | Color Coordinate CIE 1931 | Color Coordinate | Color Coordinate | Color Deviation from Black Body |
|-------------------|-----------------------|---------------|----------------|-------------|---------------------|---------------------------|---------------------------|------------------|------------------|---------------------------------|
| CCT | CRI | CRI R9 | TM30 Rf | TM30 Rg | CQS | x | y | u | v | Δuv |
| 7721 K | 68.8 | -2.0 | 63.6 | 99.0 | 65.4 | 0.302 | 0.295 | 0.204 | 0.298 | -0.0125 |

Beam Details



Beam Intensities from 1-20m

| m | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|-----|--------|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| ft | 3.3 | 6.6 | 9.8 | 13.1 | 16.4 | 19.7 | 23 | 26.2 | 29.5 | 32.8 | 36.1 | 39.4 | 42.7 | 45.9 | 49.2 | 52.5 | 55.8 | 59.1 | 62.3 | 65.6 |
| lx | 17449 | 4362 | 1939 | 1091 | 698 | 485 | 356 | 273 | 215 | 174 | 144 | 121 | 103 | 89 | 78 | 68 | 60 | 54 | 48 | 44 |
| fcd | 1621.1 | 405.3 | 180.1 | 101.3 | 64.8 | 45 | 33.1 | 25.3 | 20 | 16.2 | 13.4 | 11.3 | 9.6 | 8.3 | 7.2 | 6.3 | 5.6 | 5 | 4.5 | 4.1 |

Intensities in 0° C-plane

| 0° | 1° | 2° | 3° | 4° | 5° | 6° | 7° | 8° | 9° | 10° | 11° | 12° | 13° | 14° | 15° | 16° | 17° | 18° | 19° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|
| 17.4K | 17.4K | 17.2K | 17.1K | 16.8K | 16.4K | 15.3K | 13.9K | 12.2K | 9.5K | 6.8K | 4.0K | 2.0K | 0.7K | 0.1K | 0.0K | 0.0K | 0.0K | 0.0K | 0.0K |
| 100% | 100% | 99% | 98% | 96% | 94% | 88% | 80% | 70% | 55% | 39% | 23% | 12% | 4% | 1% | 0% | 0% | 0% | 0% | 0% |

Intensities in 90° C-plane

| 0° | 1° | 2° | 3° | 4° | 5° | 6° | 7° | 8° | 9° | 10° | 11° | 12° | 13° | 14° | 15° | 16° | 17° | 18° | 19° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|
| 17.4K | 17.4K | 17.2K | 17.1K | 16.8K | 16.4K | 15.3K | 13.9K | 12.2K | 9.5K | 6.8K | 4.0K | 2.0K | 0.7K | 0.1K | 0.0K | 0.0K | 0.0K | 0.0K | 0.0K |
| 100% | 100% | 99% | 98% | 96% | 94% | 88% | 80% | 70% | 55% | 39% | 23% | 12% | 4% | 1% | 0% | 0% | 0% | 0% | 0% |

Intensities in 180° C-plane

| 0° | 1° | 2° | 3° | 4° | 5° | 6° | 7° | 8° | 9° | 10° | 11° | 12° | 13° | 14° | 15° | 16° | 17° | 18° | 19° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|
| 17.4K | 17.4K | 17.3K | 17.1K | 16.9K | 16.2K | 15.2K | 14.0K | 12.0K | 9.6K | 6.8K | 4.0K | 1.9K | 0.4K | 0.1K | 0.0K | 0.0K | 0.0K | 0.0K | 0.0K |
| 100% | 100% | 99% | 98% | 97% | 93% | 87% | 80% | 69% | 55% | 39% | 23% | 11% | 2% | 1% | 0% | 0% | 0% | 0% | 0% |

Intensities in 270° C-plane

| 0° | 1° | 2° | 3° | 4° | 5° | 6° | 7° | 8° | 9° | 10° | 11° | 12° | 13° | 14° | 15° | 16° | 17° | 18° | 19° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|
| 17.4K | 17.4K | 17.3K | 17.1K | 16.9K | 16.2K | 15.2K | 14.0K | 12.0K | 9.6K | 6.8K | 4.0K | 1.9K | 0.4K | 0.1K | 0.0K | 0.0K | 0.0K | 0.0K | 0.0K |
| 100% | 100% | 99% | 98% | 97% | 93% | 87% | 80% | 69% | 55% | 39% | 23% | 11% | 2% | 1% | 0% | 0% | 0% | 0% | 0% |

| Beam Angle 50% | Field Angle 10% | Cutoff Angle 2,5% | Intensity Ratio in 120° Cone | Intensity Ratio in 90° Cone |
|----------------|-----------------|-------------------|------------------------------|-----------------------------|
| 18.6° | 24.3° | 26.4° | 100.0% | 100.0% |