

Focus Flex



Light Efficiency:



Light Quality:



Color Temperature:



Output: 2428 lm

Peak: 29953 cd

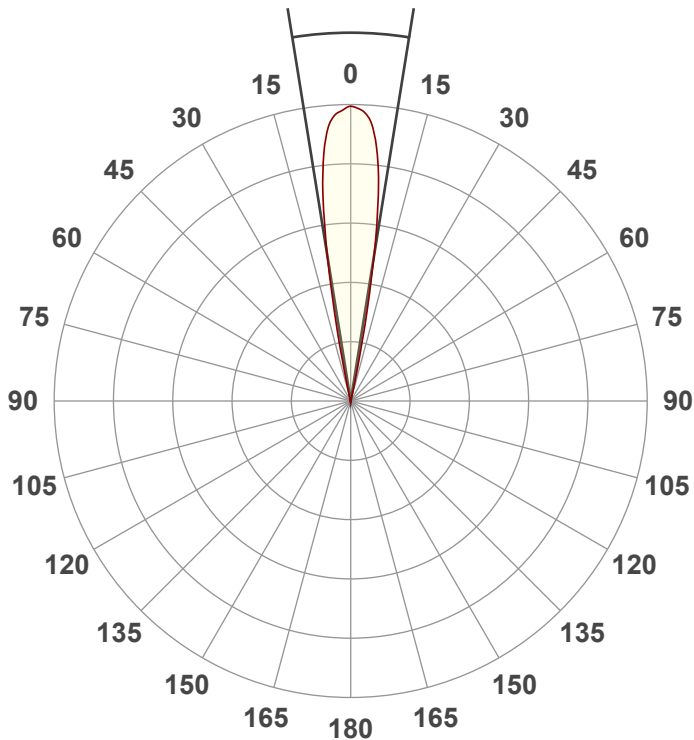
Power: 262 W

PF: 1.0



Beam Angle

18.2°



Test:

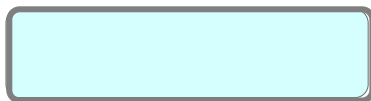
6200K Zoom 50%

Date:

6/1/2022

Note:

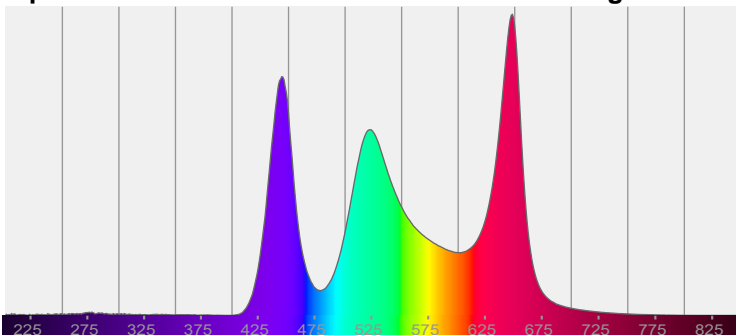
DMX @ 234



CIE 1931
x: 0.316
y: 0.334

Spectra

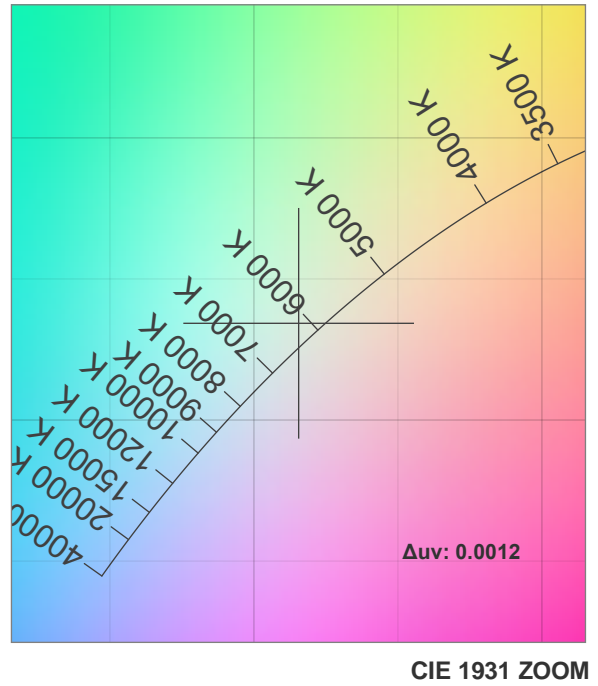
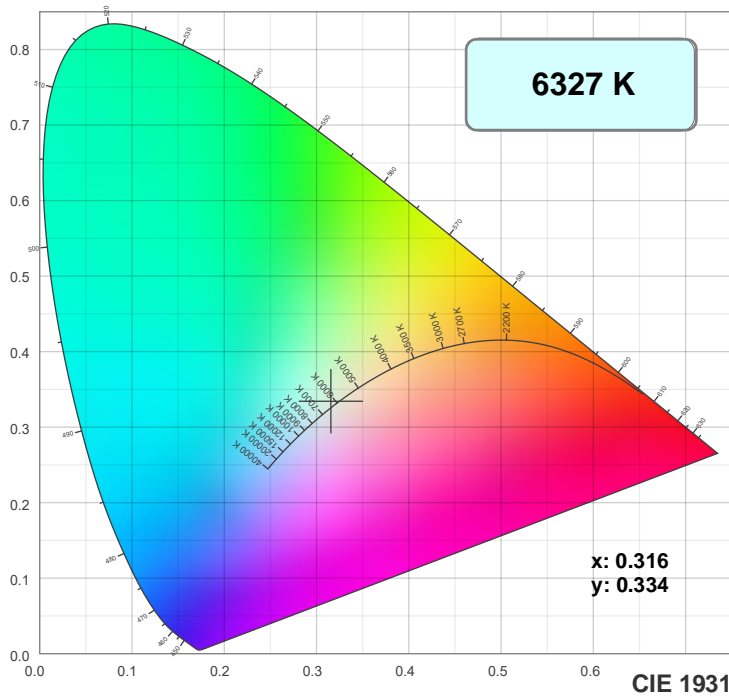
Dominant Wavelength: 569nm



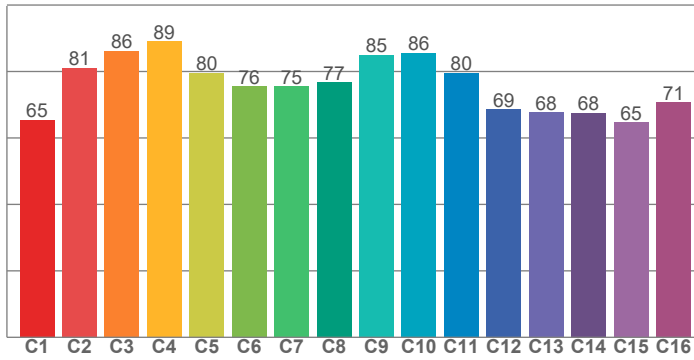
Power

Voltage: 118 V
Current: 2.22 A
Frequency: 0 Hz

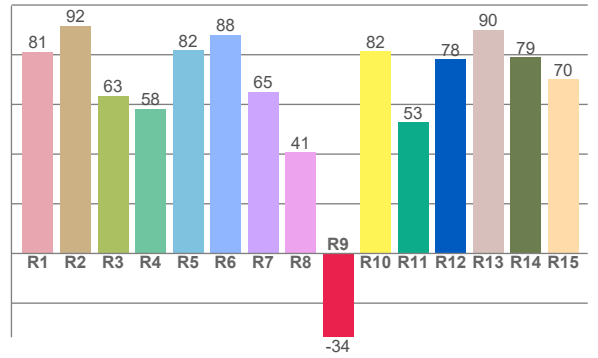
Color Details



TM30: 77.2



CRI: 71.3 (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 |
|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|
| 81.2 | 91.7 | 63.5 | 58.2 | 81.8 | 88.1 | 65.1 | 40.8 | -33.7 | 81.5 | 52.8 | 78.1 | 90.1 | 79.1 | 70.2 |

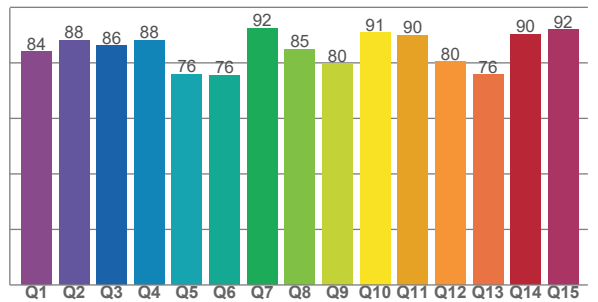
TM30 C values, 16 binned values out of total of 99 C values

| C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 65.4 | 81.1 | 86.1 | 89.1 | 79.5 | 75.6 | 75.5 | 76.8 | 85.0 | 85.5 | 79.5 | 68.6 | 67.7 | 67.5 | 64.7 | 70.7 |

CQS Q values

| Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 | Q9 | Q10 | Q11 | Q12 | Q13 | Q14 | Q15 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 84.0 | 88.1 | 86.1 | 88.2 | 76.0 | 75.6 | 92.5 | 85.0 | 79.6 | 90.9 | 90.0 | 80.5 | 75.8 | 90.3 | 92.0 |

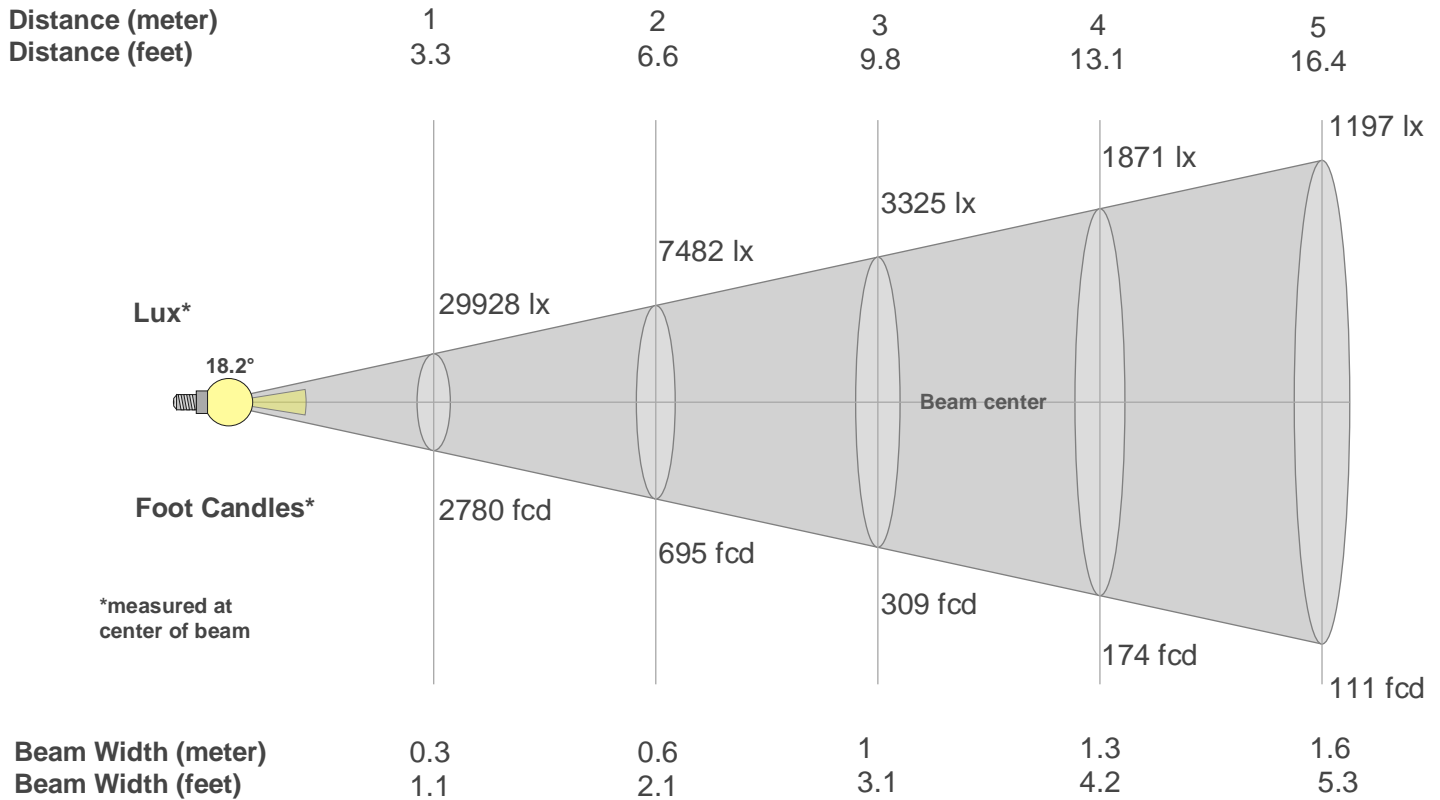
CQS: 83.8



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 |
| 6327 K | 71.3 | -33.7 | 77.2 | 116.8 | 83.8 | 0.316 | 0.334 | 0.198 | 0.314 | 0.0012 |

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 | 29928 | 7482 | 3325 | 1871 | 1197 | 831 | 611 | 468 | 369 | 299 | 247 | 208 | 177 | 153 | 133 | 117 | 104 | 92 | 83 | 75 |
| fcd | 2780.4 | 695.1 | 308.9 | 173.8 | 111.2 | 77.2 | 56.7 | 43.4 | 34.3 | 27.8 | 23 | 19.3 | 16.5 | 14.2 | 12.4 | 10.9 | 9.6 | 8.6 | 7.7 | 7 |

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° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|
| 29.9K | 29.7K | 29.5K | 29.2K | 28.5K | 27.4K | 25.6K | 23.0K | 19.8K | 15.5K | 10.9K | 6.6K | 3.1K | 1.2K | 0.2K | 0.0K | 0.0K | 0.0K | 0.0K | 0.0K |
| 100% | 99% | 98% | 97% | 95% | 92% | 86% | 77% | 66% | 52% | 37% | 22% | 10% | 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° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|
| 29.9K | 29.7K | 29.5K | 29.2K | 28.5K | 27.4K | 25.6K | 23.0K | 19.8K | 15.5K | 10.9K | 6.6K | 3.1K | 1.2K | 0.2K | 0.0K | 0.0K | 0.0K | 0.0K | 0.0K |
| 100% | 99% | 98% | 97% | 95% | 92% | 86% | 77% | 66% | 52% | 37% | 22% | 10% | 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° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|
| 29.9K | 29.8K | 29.6K | 29.2K | 28.5K | 27.2K | 25.5K | 23.0K | 19.6K | 15.6K | 10.8K | 6.5K | 2.9K | 0.9K | 0.2K | 0.0K | 0.0K | 0.0K | 0.0K | 0.0K |
| 100% | 100% | 99% | 98% | 95% | 91% | 85% | 77% | 65% | 52% | 36% | 22% | 10% | 3% | 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° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|
| 29.9K | 29.8K | 29.6K | 29.2K | 28.5K | 27.2K | 25.5K | 23.0K | 19.6K | 15.6K | 10.8K | 6.5K | 2.9K | 0.9K | 0.2K | 0.0K | 0.0K | 0.0K | 0.0K | 0.0K |
| 100% | 100% | 99% | 98% | 95% | 91% | 85% | 77% | 65% | 52% | 36% | 22% | 10% | 3% | 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 |
|----------------|-----------------|-------------------|------------------------------|-----------------------------|
| 18.2° | 24° | 26.5° | 100.0% | 100.0% |