

Focus Flex



Light Efficiency:



Light Quality:



Color Temperature:



Output: 2437 lm

Peak: 30371 cd

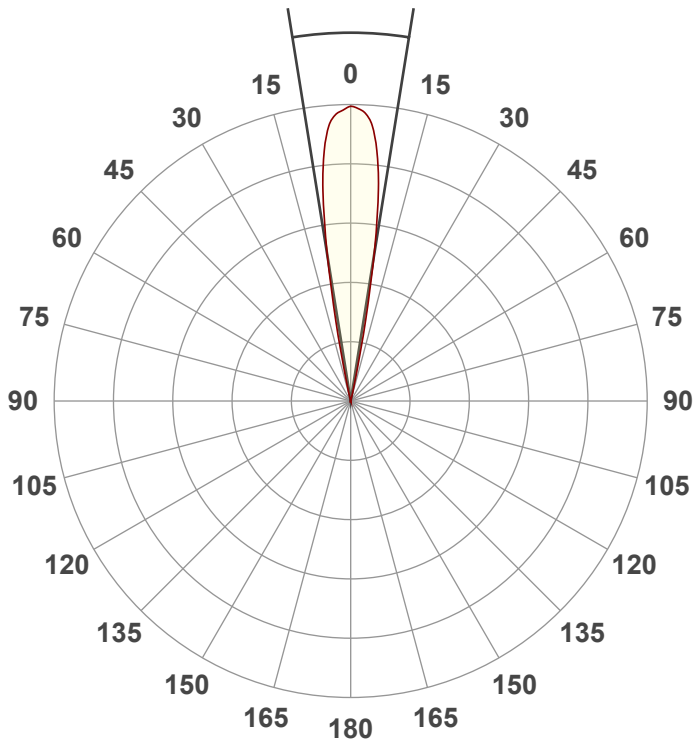
Power: 260 W

PF: 1.0



Beam Angle

18.2°



Test:

5400K Zoom 50%

Date:

6/1/2022

Note:

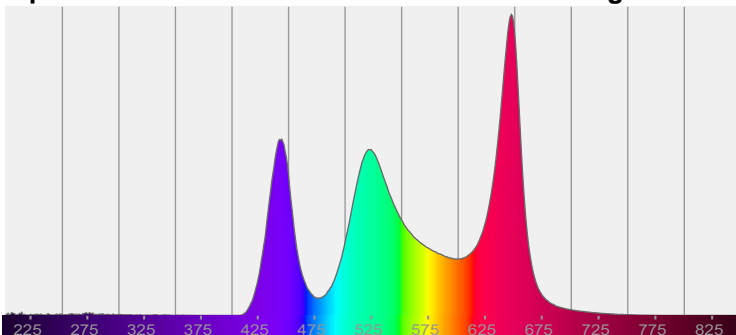
DMX @ 229



CIE 1931
x: 0.335
y: 0.357

Spectra

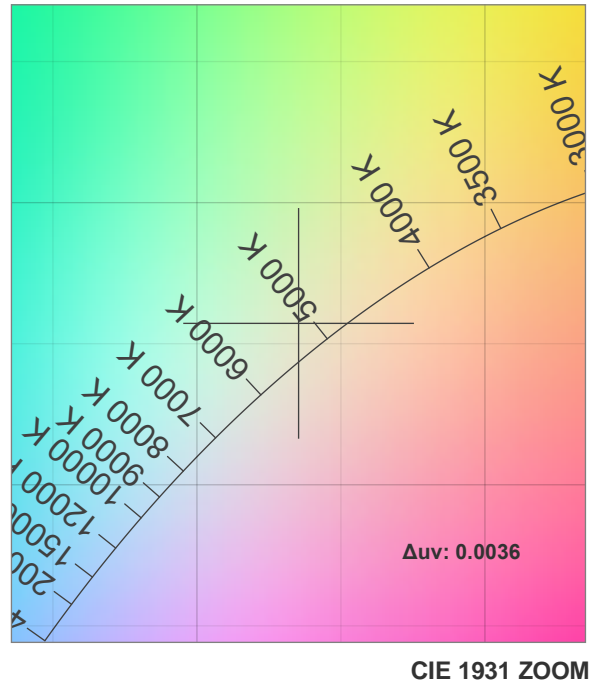
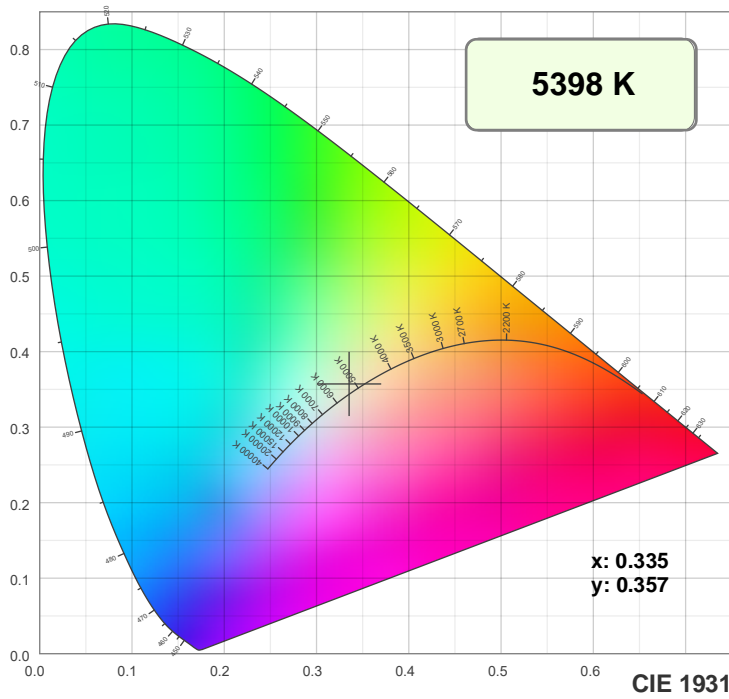
Dominant Wavelength: 574nm



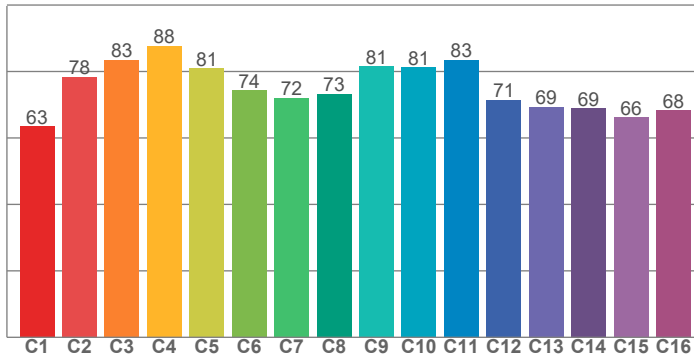
Power

Voltage: 119 V
Current: 2.19 A
Frequency: 0 Hz

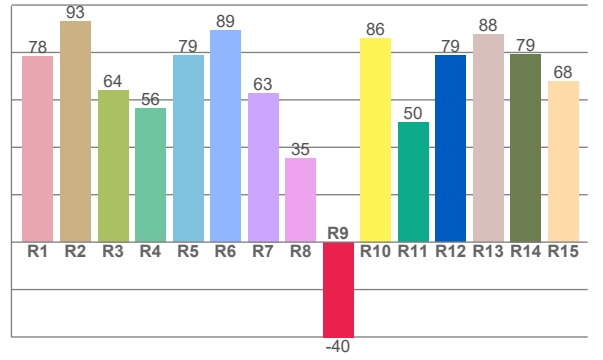
Color Details



TM30: 76.4



CRI: 69.8 (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 |
|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|
| 78.4 | 93.2 | 64.2 | 56.3 | 78.9 | 89.2 | 62.9 | 35.4 | -40.1 | 86.1 | 50.4 | 78.7 | 87.6 | 79.3 | 67.7 |

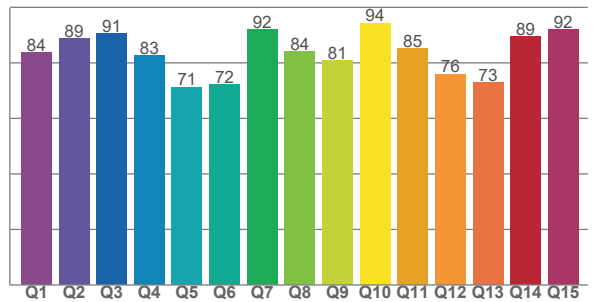
TM30 C values, 16 binned values out of total of 99 C values

| C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 63.4 | 78.4 | 83.5 | 87.7 | 80.9 | 74.2 | 72.1 | 73.3 | 81.5 | 81.2 | 83.5 | 71.4 | 69.3 | 69.0 | 66.1 | 68.3 |

CQS Q values

| Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 | Q9 | Q10 | Q11 | Q12 | Q13 | Q14 | Q15 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 83.8 | 88.6 | 90.6 | 82.5 | 71.3 | 72.2 | 92.0 | 84.0 | 80.9 | 94.4 | 85.1 | 76.0 | 72.8 | 89.4 | 91.9 |

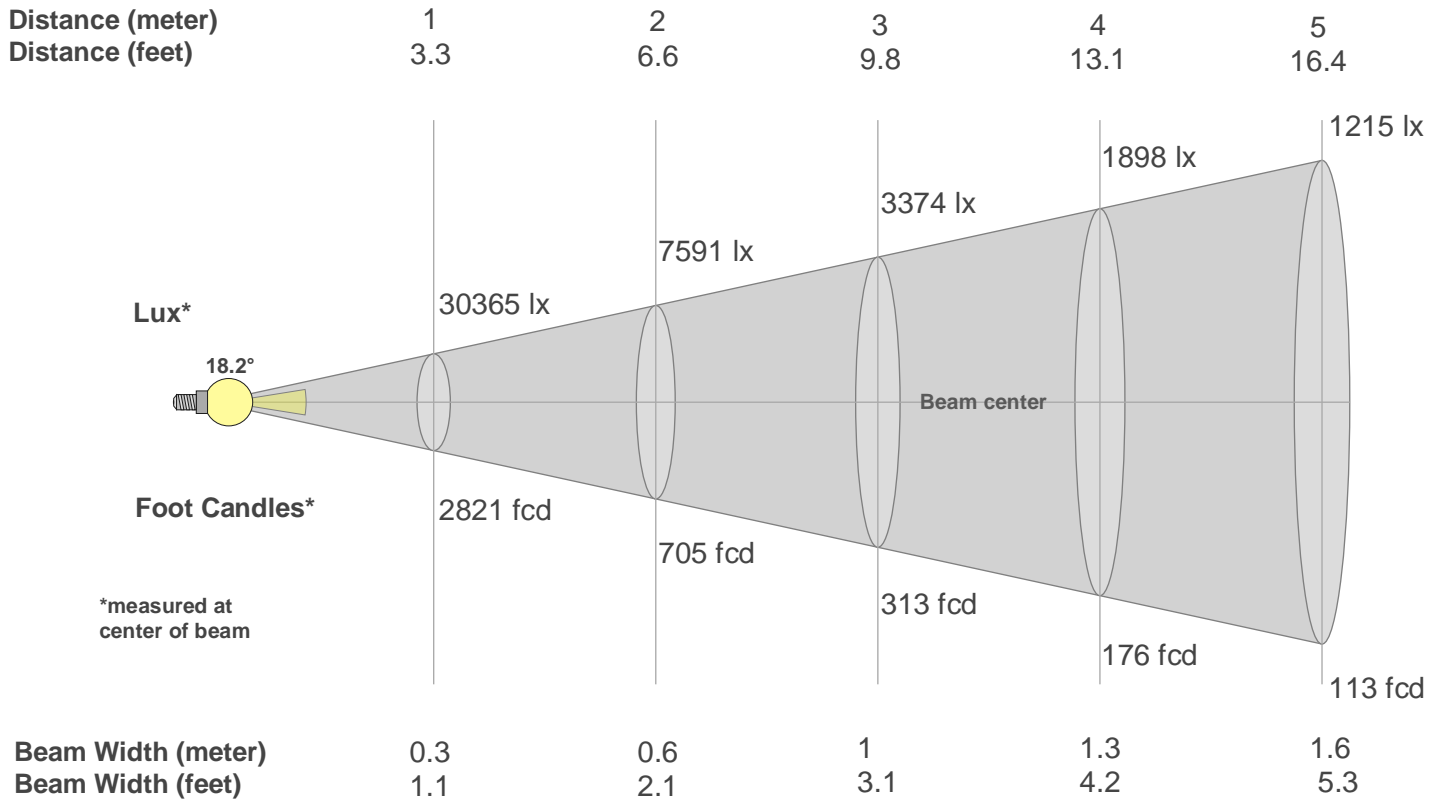
CQS: 82.1



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 |
| 5398 K | 69.8 | -40.1 | 76.4 | 117.6 | 82.1 | 0.335 | 0.357 | 0.203 | 0.324 | 0.0036 |

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 | 30365 | 7591 | 3374 | 1898 | 1215 | 843 | 620 | 474 | 375 | 304 | 251 | 211 | 180 | 155 | 135 | 119 | 105 | 94 | 84 | 76 |
| fcd | 2821 | 705.3 | 313.4 | 176.3 | 112.8 | 78.4 | 57.6 | 44.1 | 34.8 | 28.2 | 23.3 | 19.6 | 16.7 | 14.4 | 12.5 | 11 | 9.8 | 8.7 | 7.8 | 7.1 |

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° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|
| 30.4K | 30.1K | 29.9K | 29.6K | 28.8K | 27.7K | 26.0K | 23.3K | 19.9K | 15.7K | 10.9K | 6.6K | 2.8K | 1.1K | 0.1K | 0.0K | 0.0K | 0.0K | 0.0K | 0.0K |
| 100% | 99% | 98% | 97% | 95% | 91% | 86% | 77% | 65% | 52% | 36% | 22% | 9% | 4% | 0% | 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° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|
| 30.4K | 30.1K | 29.9K | 29.6K | 28.8K | 27.7K | 26.0K | 23.3K | 19.9K | 15.7K | 10.9K | 6.6K | 2.8K | 1.1K | 0.1K | 0.0K | 0.0K | 0.0K | 0.0K | 0.0K |
| 100% | 99% | 98% | 97% | 95% | 91% | 86% | 77% | 65% | 52% | 36% | 22% | 9% | 4% | 0% | 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° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|
| 30.4K | 30.2K | 30.0K | 29.6K | 28.8K | 27.6K | 25.8K | 23.2K | 19.8K | 15.7K | 10.8K | 6.5K | 2.6K | 0.9K | 0.1K | 0.0K | 0.0K | 0.0K | 0.0K | 0.0K |
| 100% | 100% | 99% | 98% | 95% | 91% | 85% | 76% | 65% | 52% | 36% | 21% | 8% | 3% | 0% | 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° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|
| 30.4K | 30.2K | 30.0K | 29.6K | 28.8K | 27.6K | 25.8K | 23.2K | 19.8K | 15.7K | 10.8K | 6.5K | 2.6K | 0.9K | 0.1K | 0.0K | 0.0K | 0.0K | 0.0K | 0.0K |
| 100% | 100% | 99% | 98% | 95% | 91% | 85% | 76% | 65% | 52% | 36% | 21% | 8% | 3% | 0% | 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° | 23.8° | 26.2° | 100.0% | 100.0% |