

Light Efficiency:



Light Quality:



Color Temperature:



Output: 12436 lm

Peak: 767878 cd

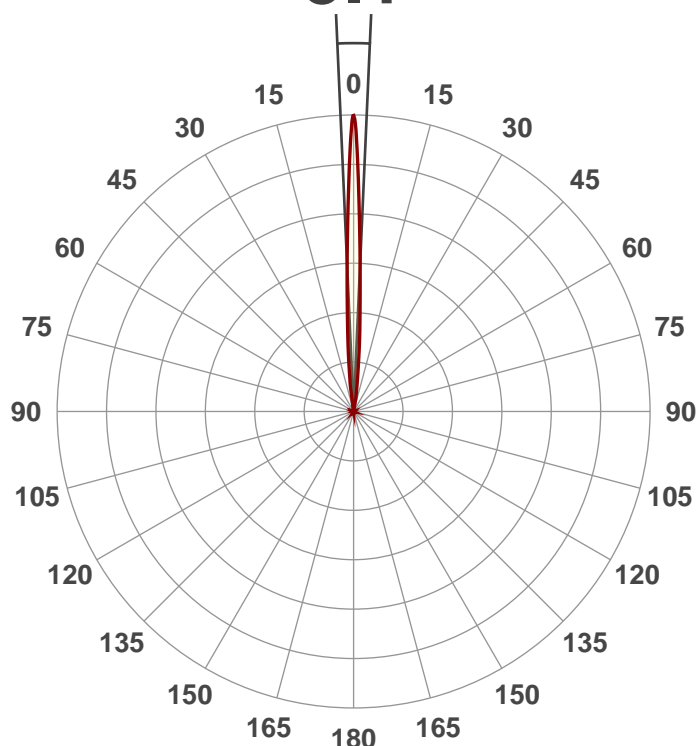
Power: 629 W

PF: 1.0



Beam Angle

5.1°



Product Name:

Platinum FLX

Test:

Beam CTO color wheel Zoom Out

Date:

1/26/2018

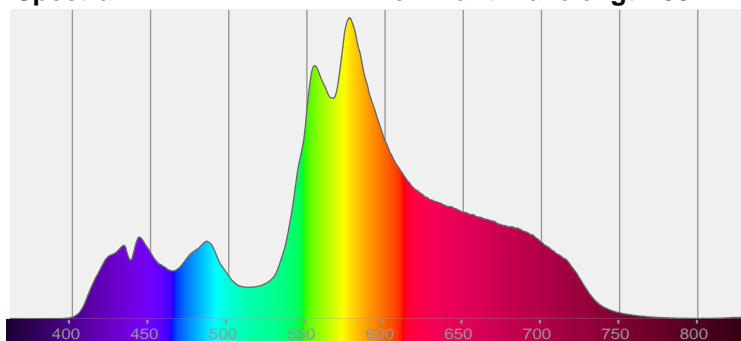
Note:



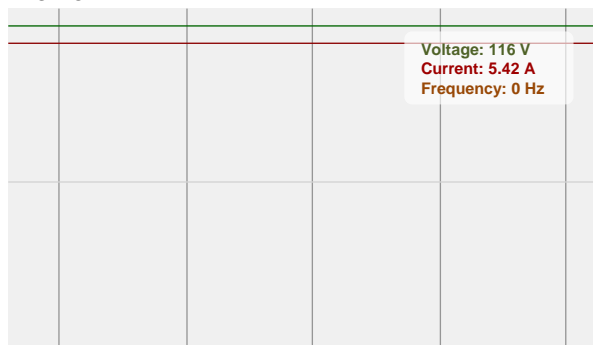
CIE 1931
x: 0.426
y: 0.411

Spectra

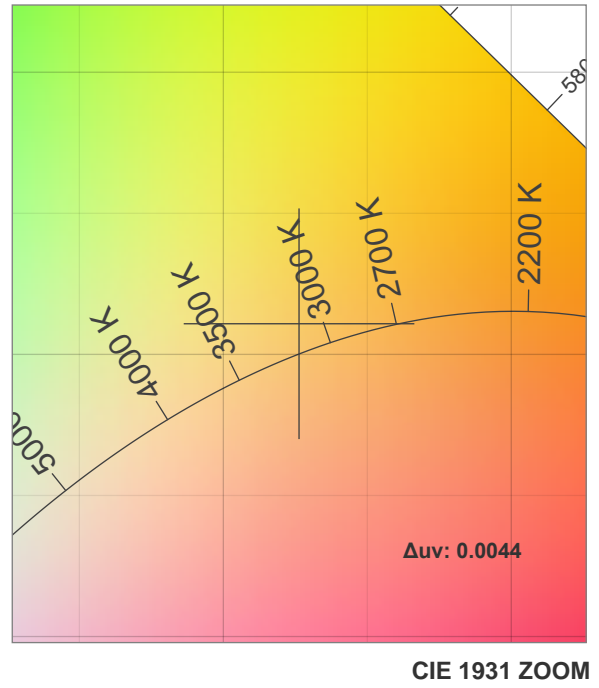
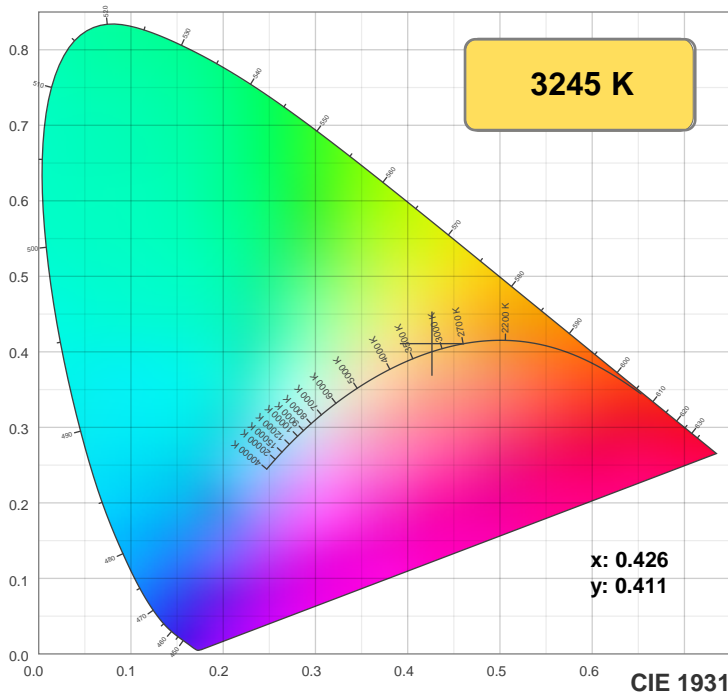
Dominant Wavelength: 581nm



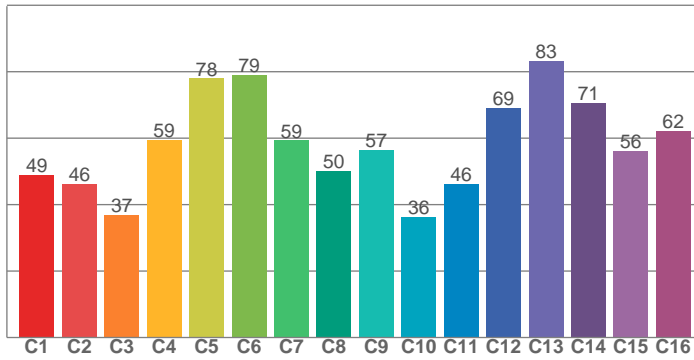
Power



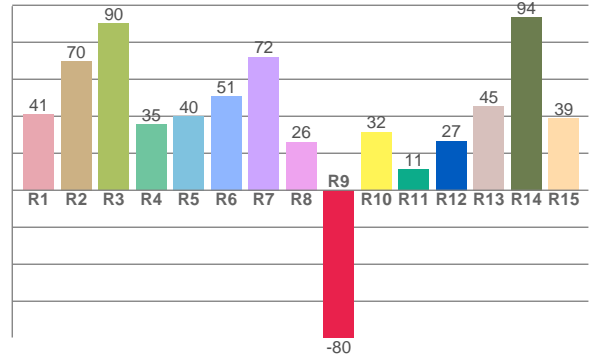
Color Details



TM30: 57.9



CRI: 53.2 (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 |
|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|
| 40.8 | 69.8 | 90.1 | 35.5 | 40.1 | 51.0 | 72.1 | 26.2 | -79.6 | 31.5 | 11.2 | 26.7 | 45.4 | 93.6 | 39.0 |

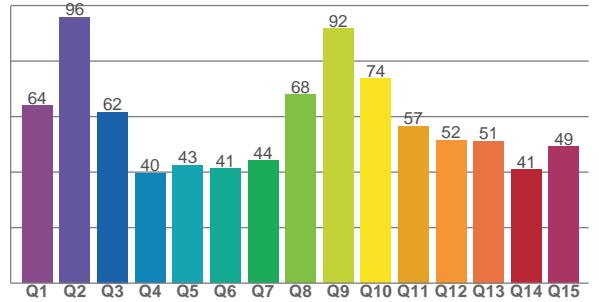
TM30 C values, 16 binned values out of total of 99 C values

| C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 48.9 | 46.2 | 36.8 | 59.4 | 78.0 | 79.1 | 59.3 | 50.1 | 56.5 | 36.4 | 46.3 | 69.1 | 83.2 | 70.6 | 56.2 | 62.2 |

CQS Q values

| Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 | Q9 | Q10 | Q11 | Q12 | Q13 | Q14 | Q15 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 63.9 | 95.9 | 61.6 | 39.6 | 42.6 | 41.3 | 44.1 | 67.9 | 91.8 | 73.7 | 56.6 | 51.6 | 51.2 | 40.9 | 49.1 |

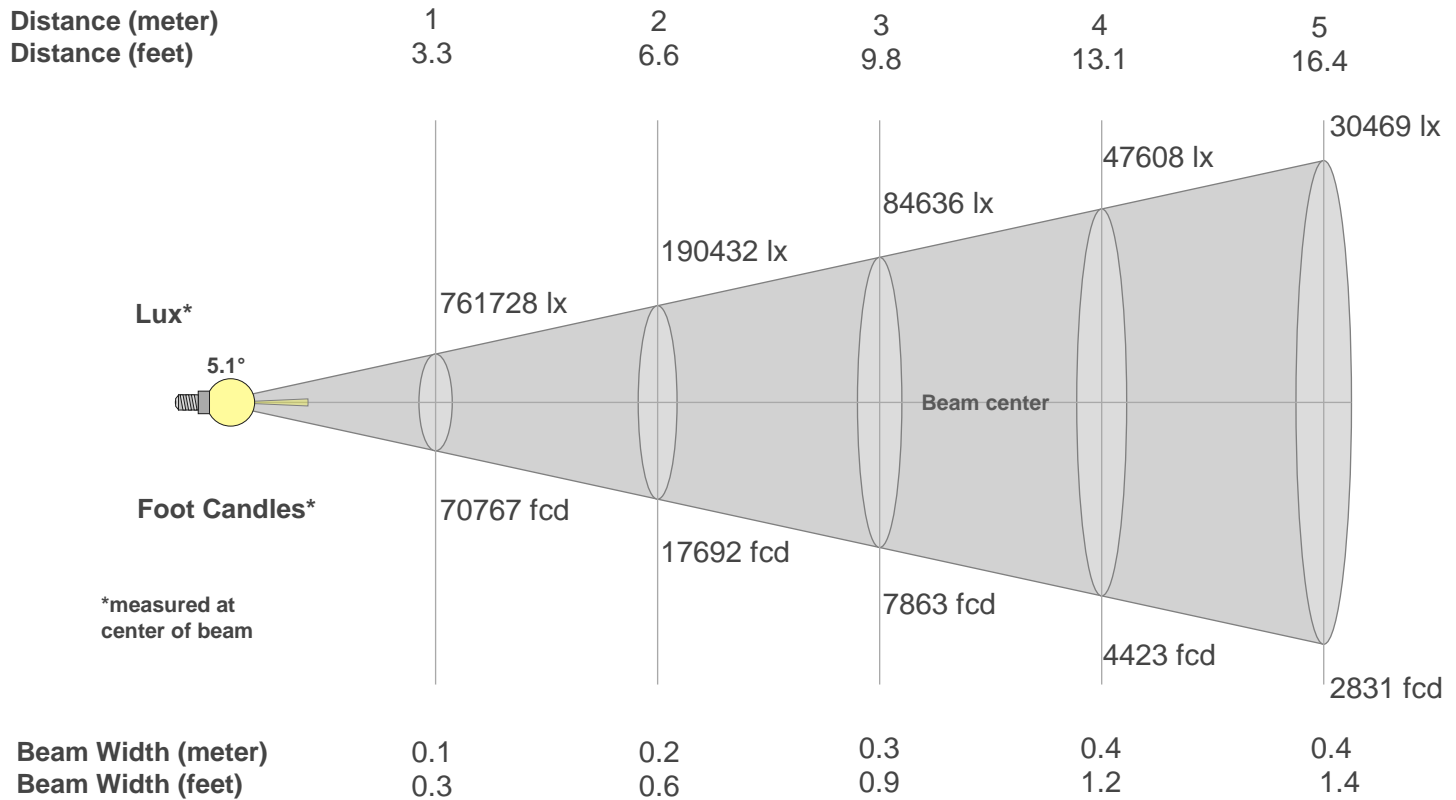
CQS: 54.6



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 |
| 3245 K | 53.2 | -79.6 | 57.9 | 80.7 | 54.6 | 0.426 | 0.411 | 0.241 | 0.348 | 0.0044 |

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 | 76172 8 | 190432 | 84636 | 47608 | 30469 | 21159 | 15545 | 11902 | 9404 | 7617 | 6295 | 5290 | 4507 | 3886 | 3385 | 2975 | 2636 | 2351 | 2110 | 1904 |
| fcd | 70766. 8 | 17691.7 | 7863 | 4422.9 | 2830.7 | 1965.7 | 1444.2 | 1105.7 | 873.7 | 707.7 | 584.8 | 491.4 | 418.7 | 361.1 | 314.5 | 276.4 | 244.9 | 218.4 | 196 | 176.9 |

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° |
|------|------|------|------|------|------|------|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 762K | 637K | 460K | 324K | 226K | 161K | 106K | 73K | 11K | 1K | 1K | 1K | 1K | 1K | 1K | 1K | 1K | 1K | 1K | 1K |
| 100% | 84% | 60% | 43% | 30% | 21% | 14% | 10% | 2% | 0% | 0% | 0% | 0% | 0% | 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° |
|------|------|------|------|------|------|------|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 762K | 637K | 460K | 324K | 226K | 161K | 106K | 73K | 11K | 1K | 1K | 1K | 1K | 1K | 1K | 1K | 1K | 1K | 1K | 1K |
| 100% | 84% | 60% | 43% | 30% | 21% | 14% | 10% | 2% | 0% | 0% | 0% | 0% | 0% | 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° |
|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 762K | 637K | 459K | 327K | 238K | 173K | 116K | 80K | 57K | 41K | 12K | 1K | 1K | 1K | 1K | 1K | 1K | 1K | 1K | 1K |
| 100% | 84% | 60% | 43% | 31% | 23% | 15% | 11% | 7% | 5% | 2% | 0% | 0% | 0% | 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° |
|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 762K | 637K | 459K | 327K | 238K | 173K | 116K | 80K | 57K | 41K | 12K | 1K | 1K | 1K | 1K | 1K | 1K | 1K | 1K | 1K |
| 100% | 84% | 60% | 43% | 31% | 23% | 15% | 11% | 7% | 5% | 2% | 0% | 0% | 0% | 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 |
|----------------|-----------------|-------------------|------------------------------|-----------------------------|
| 5.1° | 14° | 17.6° | 98.4% | 98.0% |