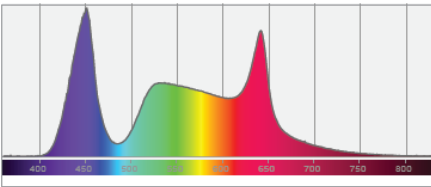
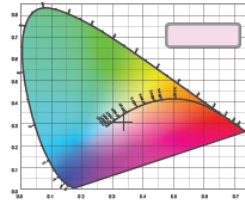


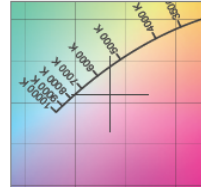
Spectral distribution



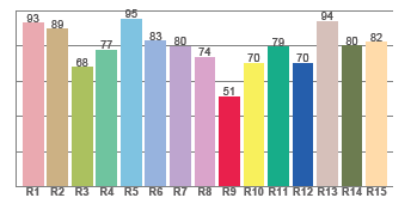
Color coordinates



Zoom color point



CRI R values



Photometric Test Report

*Due to additional product enhancements, an updated version of this report may be available online. Please check www.adj.com for the latest revision/update of this report.

Encore Profile Pro WW



Light Efficiency:

38 Lumen/Watt

Light Quality:

CRI: 95.5

Color Temperature:

3206 K

Output: 9862 lm

Peak: 30173 cd

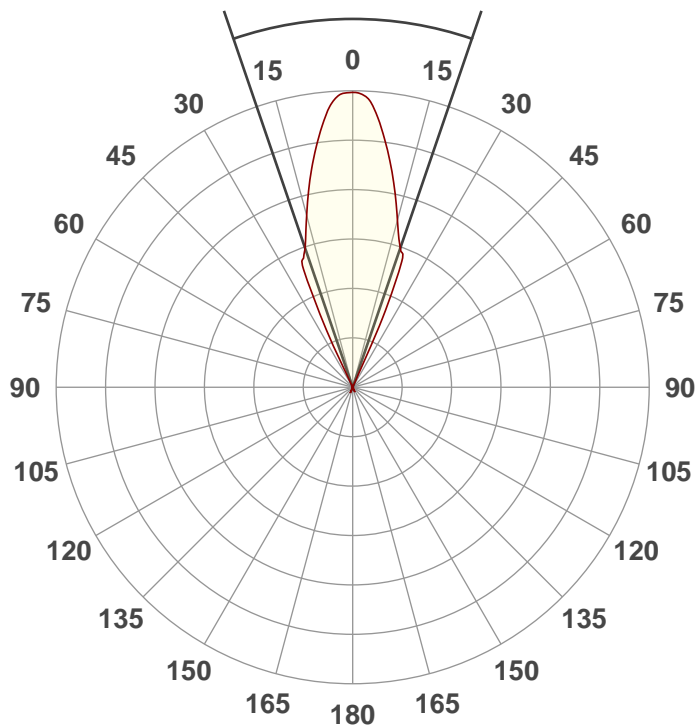
Power: 262.5 W

PF: 0.99



Beam Angle

37.8°



Test:

Full On 50Deg

Date:

11/18/2019

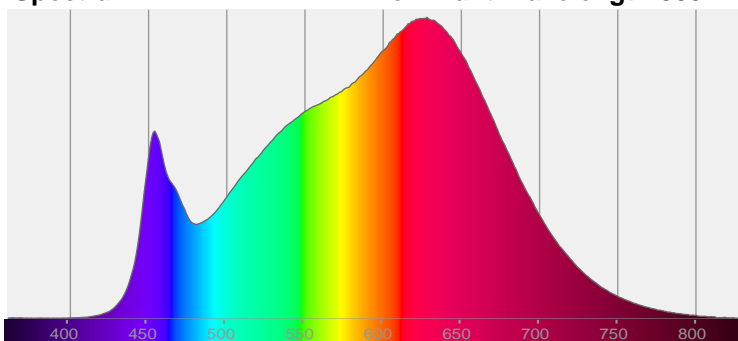
Note:



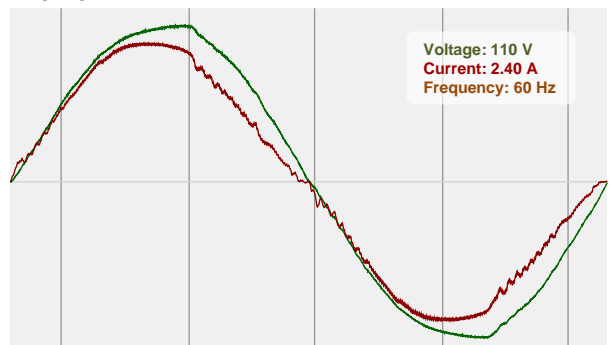
CIE 1931
x: 0.423
y: 0.398

Spectra

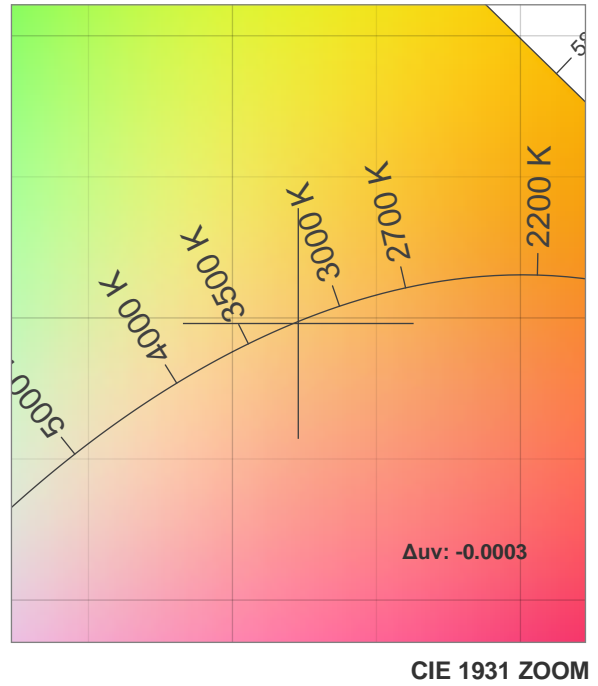
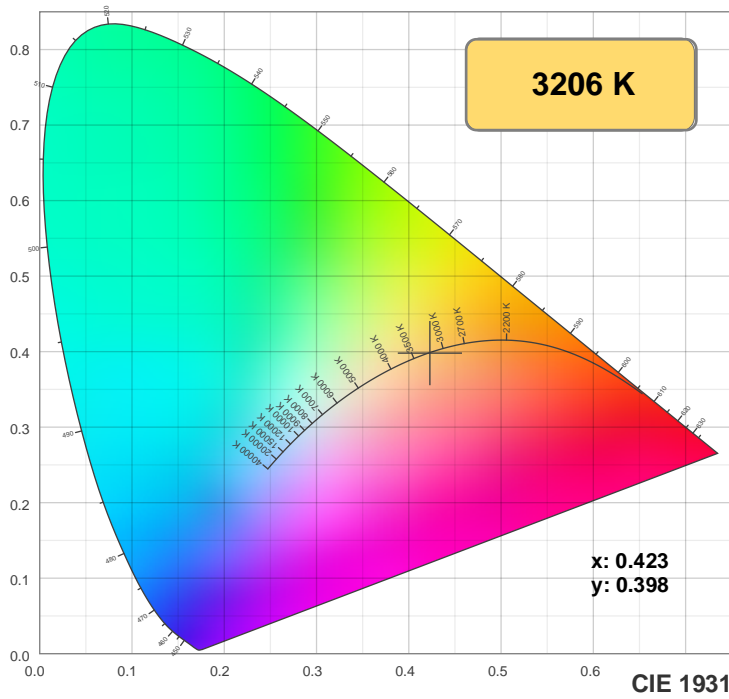
Dominant Wavelength: 583nm



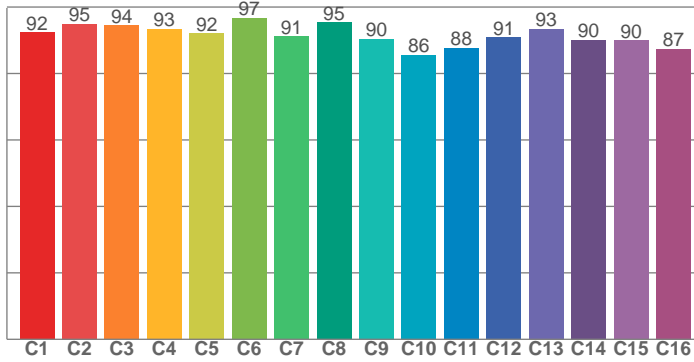
Power



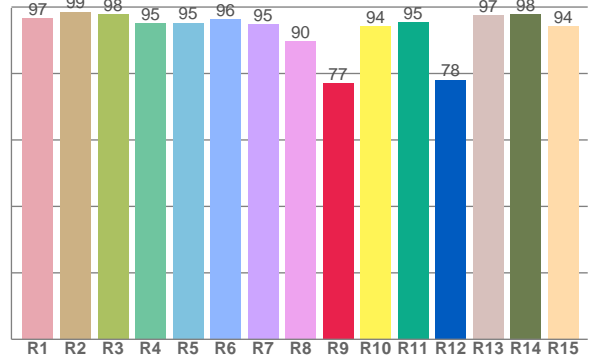
Color Details



TM30: 91.6



CRI: 95.5 (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 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 96.6 | 98.5 | 97.8 | 95.1 | 95.2 | 96.4 | 94.8 | 89.7 | 77.0 | 94.2 | 95.4 | 78.1 | 97.5 | 97.9 | 94.3 |

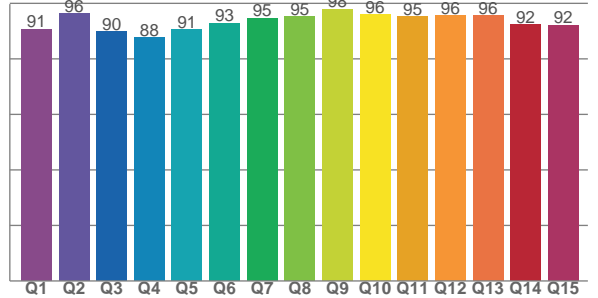
TM30 C values, 16 binned values out of total of 99 C values

| C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 92.4 | 94.9 | 94.5 | 93.4 | 92.1 | 96.8 | 91.1 | 95.3 | 90.5 | 85.6 | 87.6 | 90.8 | 93.4 | 90.1 | 90.0 | 87.4 |

CQS Q values

| Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 | Q9 | Q10 | Q11 | Q12 | Q13 | Q14 | Q15 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 90.8 | 96.3 | 89.7 | 87.7 | 90.5 | 92.8 | 94.7 | 95.1 | 97.8 | 95.9 | 95.2 | 95.5 | 95.6 | 92.4 | 92.1 |

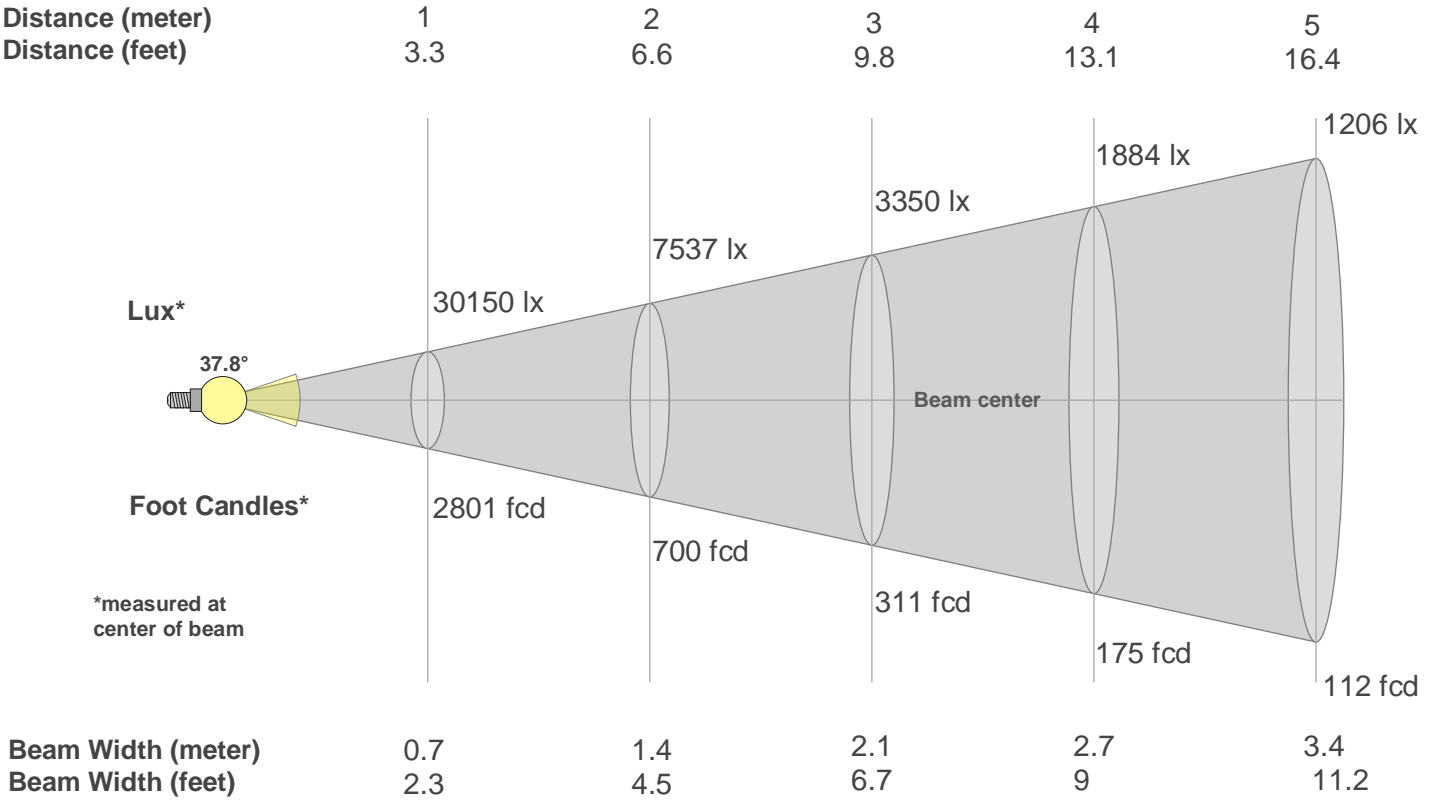
CQS: 92.8



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 |
| 3206 K | 95.5 | 77.0 | 91.6 | 98.5 | 92.8 | 0.423 | 0.398 | 0.244 | 0.345 | -0.0003 |

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 | 30150 | 7537 | 3350 | 1884 | 1206 | 837 | 615 | 471 | 372 | 301 | 249 | 209 | 178 | 154 | 134 | 118 | 104 | 93 | 84 | 75 |
| fcd | 2801 | 700.3 | 311.2 | 175.1 | 112 | 77.8 | 57.2 | 43.8 | 34.6 | 28 | 23.1 | 19.5 | 16.6 | 14.3 | 12.4 | 10.9 | 9.7 | 8.6 | 7.8 | 7 |

| Intensities in 0° C-plane | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|--|
| 0° | 2° | 4° | 6° | 8° | 10° | 12° | 14° | 16° | 18° | 20° | 22° | 24° | 26° | 28° | 30° | 32° | 34° | 36° | 38° | |
| 30.1K | 30.0K | 29.2K | 27.6K | 25.6K | 23.4K | 21.3K | 19.2K | 17.3K | 15.7K | 14.5K | 13.4K | 8.6K | 2.1K | 0.0K | 0.0K | 0.0K | 0.0K | 0.0K | 0.0K | |
| 100% | 100% | 97% | 91% | 85% | 78% | 71% | 64% | 57% | 52% | 48% | 45% | 28% | 7% | 0% | 0% | 0% | 0% | 0% | 0% | |

| Intensities in 90° C-plane | | | | | | | | | | | | | | | | | | | | |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|--|
| 0° | 2° | 4° | 6° | 8° | 10° | 12° | 14° | 16° | 18° | 20° | 22° | 24° | 26° | 28° | 30° | 32° | 34° | 36° | 38° | |
| 30.1K | 30.0K | 29.2K | 27.6K | 25.6K | 23.4K | 21.3K | 19.2K | 17.3K | 15.7K | 14.5K | 13.4K | 8.6K | 2.1K | 0.0K | 0.0K | 0.0K | 0.0K | 0.0K | 0.0K | |
| 100% | 100% | 97% | 91% | 85% | 78% | 71% | 64% | 57% | 52% | 48% | 45% | 28% | 7% | 0% | 0% | 0% | 0% | 0% | 0% | |

| Intensities in 180° C-plane | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|--|
| 0° | 2° | 4° | 6° | 8° | 10° | 12° | 14° | 16° | 18° | 20° | 22° | 24° | 26° | 28° | 30° | 32° | 34° | 36° | 38° | |
| 30.1K | 29.9K | 28.9K | 27.0K | 24.9K | 22.8K | 20.7K | 18.7K | 16.9K | 15.5K | 14.5K | 11.8K | 5.1K | 0.0K | 0.0K | 0.0K | 0.0K | 0.0K | 0.0K | 0.0K | |
| 100% | 99% | 96% | 90% | 83% | 76% | 69% | 62% | 56% | 52% | 48% | 39% | 17% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | |

| Intensities in 270° C-plane | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|--|
| 0° | 2° | 4° | 6° | 8° | 10° | 12° | 14° | 16° | 18° | 20° | 22° | 24° | 26° | 28° | 30° | 32° | 34° | 36° | 38° | |
| 30.1K | 29.9K | 28.9K | 27.0K | 24.9K | 22.8K | 20.7K | 18.7K | 16.9K | 15.5K | 14.5K | 11.8K | 5.1K | 0.0K | 0.0K | 0.0K | 0.0K | 0.0K | 0.0K | 0.0K | |
| 100% | 99% | 96% | 90% | 83% | 76% | 69% | 62% | 56% | 52% | 48% | 39% | 17% | 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 |
|----------------|-----------------|-------------------|------------------------------|-----------------------------|
| 37.8° | 50.2° | 51.5° | 99.8% | 99.8% |