

JOLT PANEL FX



Light Efficiency:

78 Lumen/Watt

Light Quality:

CRI: 72.6

Color Temperature:

6881 K

Output: 12303 lm

Peak: 8108 cd

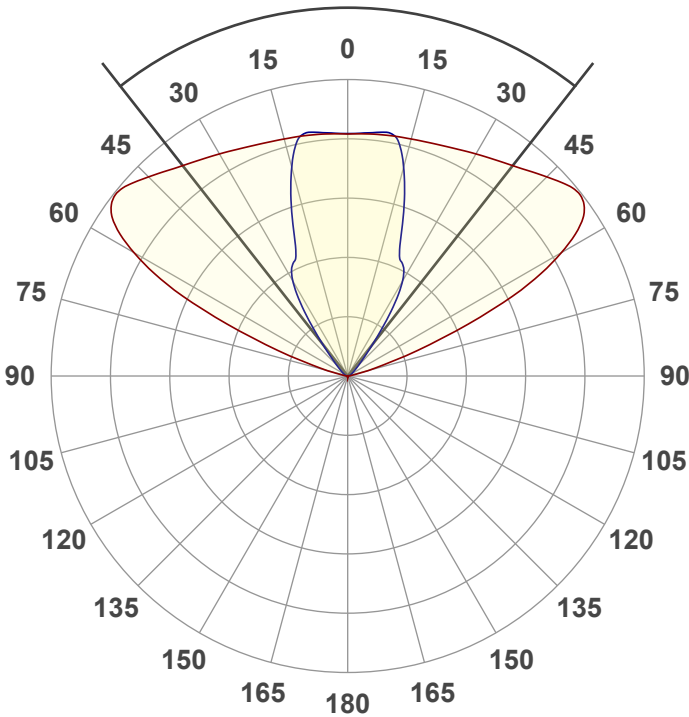
Power: 158.2 W

PF: 0.97



Beam Angle

76.2°



Test:

White

Date:

1/11/2023

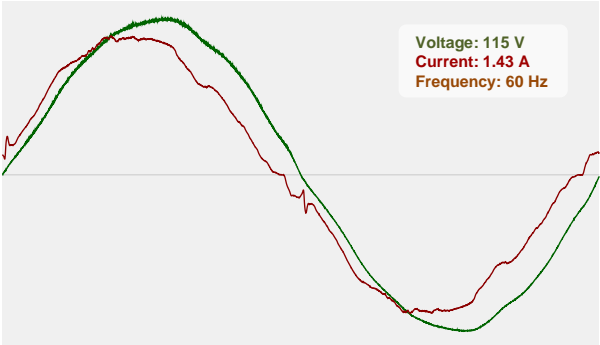
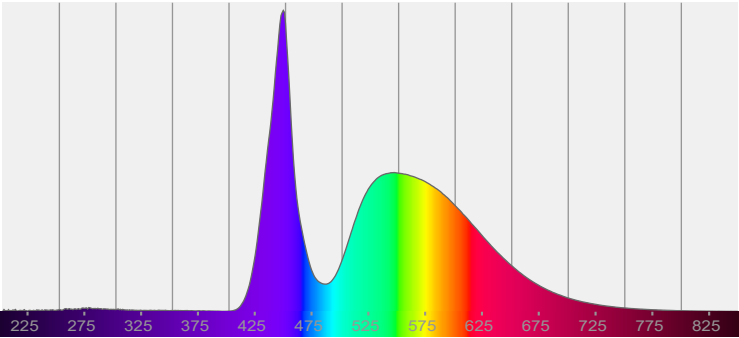
Note:

CIE 1931
x: 0.308
y: 0.316

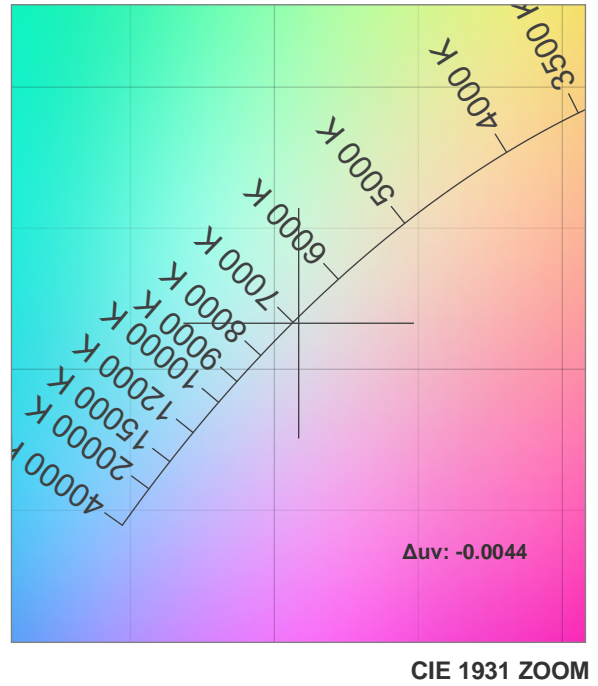
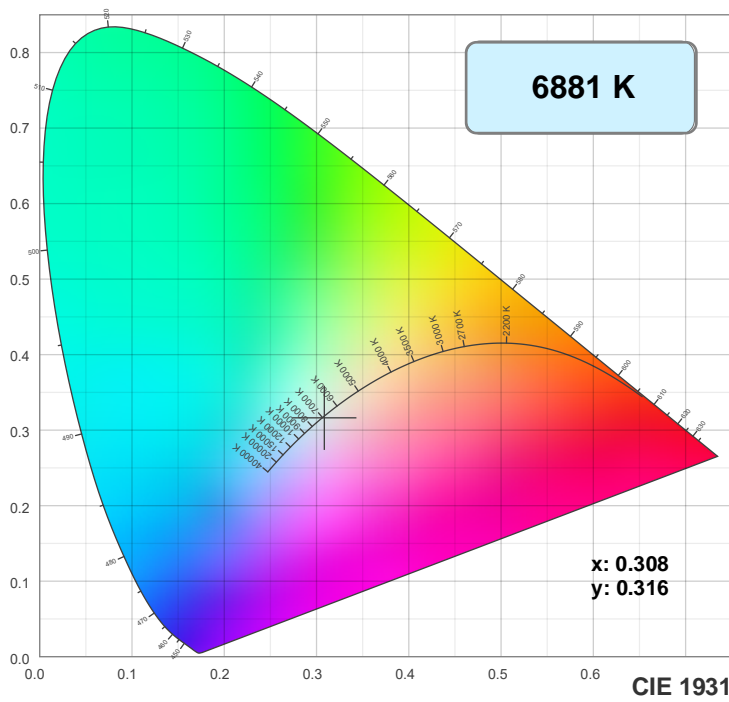
Spectra

Dominant Wavelength: 360nm

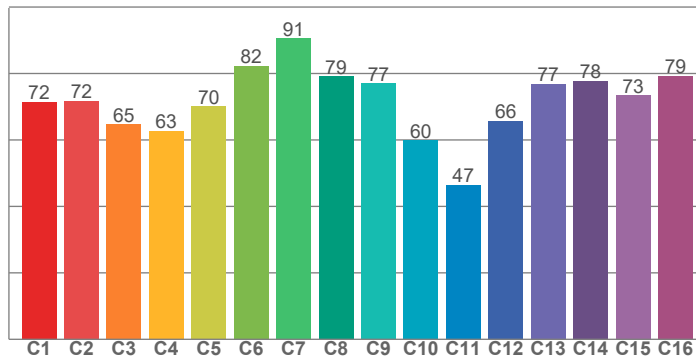
Power



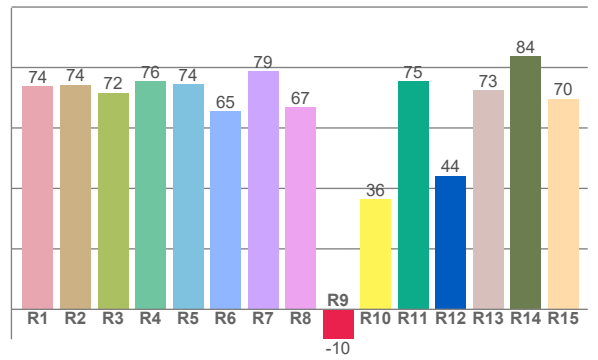
Color Details



TM30: 71.3



CRI: 72.6 (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 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 73.8 | 74.3 | 71.7 | 75.6 | 74.5 | 65.4 | 78.7 | 66.9 | -9.9 | 36.4 | 75.3 | 44.2 | 72.6 | 83.8 | 69.7 |

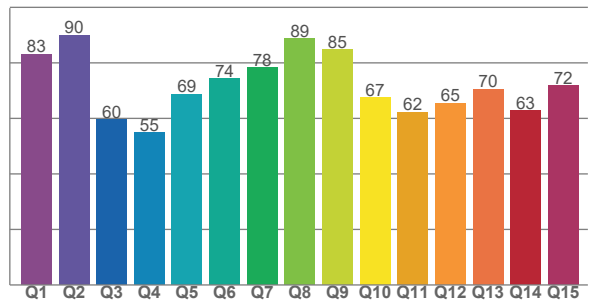
TM30 C values, 16 binned values out of total of 99 C values

| C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 71.5 | 71.7 | 64.7 | 62.8 | 70.0 | 82.2 | 90.6 | 79.1 | 77.0 | 59.9 | 46.5 | 65.8 | 76.8 | 77.8 | 73.5 | 79.2 |

CQS Q values

| Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 | Q9 | Q10 | Q11 | Q12 | Q13 | Q14 | Q15 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 83.2 | 89.9 | 59.6 | 54.9 | 68.8 | 74.2 | 78.3 | 88.8 | 84.7 | 67.4 | 62.3 | 65.5 | 70.5 | 62.7 | 71.8 |

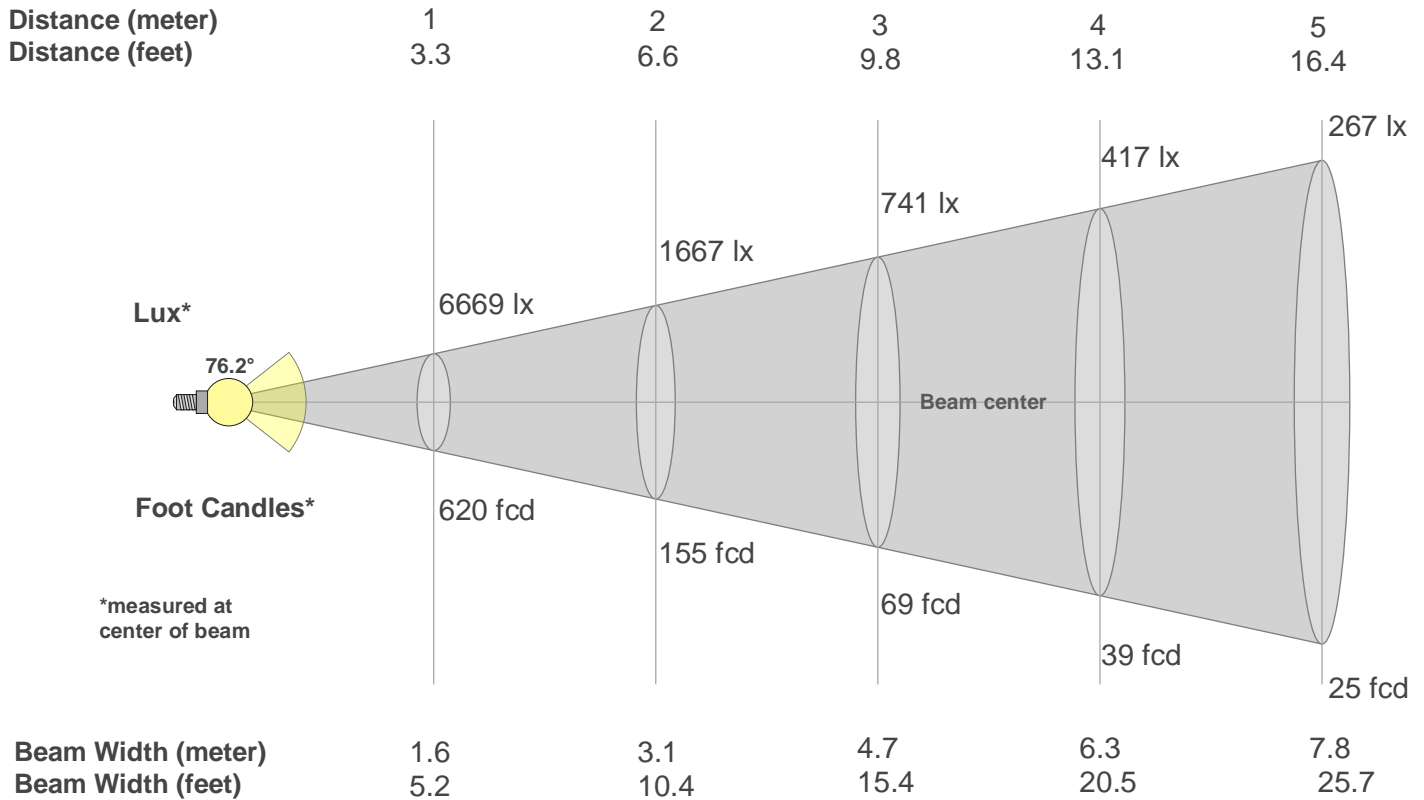
CQS: 70.3



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 |
| 6881 K | 72.6 | -9.9 | 71.3 | 97.0 | 70.3 | 0.308 | 0.316 | 0.200 | 0.307 | -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 | 6669 | 1667 | 741 | 417 | 267 | 185 | 136 | 104 | 82 | 67 | 55 | 46 | 39 | 34 | 30 | 26 | 23 | 21 | 18 | 17 |
| fcd | 619.6 | 154.9 | 68.8 | 38.7 | 24.8 | 17.2 | 12.6 | 9.7 | 7.6 | 6.2 | 5.1 | 4.3 | 3.7 | 3.2 | 2.8 | 2.4 | 2.1 | 1.9 | 1.7 | 1.5 |

Intensities in 0° C-plane

| 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|
| 6669 | 6686 | 6717 | 6753 | 6814 | 6914 | 7056 | 7229 | 7449 | 7749 | 8061 | 7927 | 6786 | 4569 | 2021 | 642 | 141 | 21 | 0 | 0 |
| 100% | 100% | 101% | 101% | 102% | 104% | 106% | 108% | 112% | 116% | 121% | 119% | 102% | 69% | 30% | 10% | 2% | 0% | 0% | 0% |

Intensities in 90° C-plane

| 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° |
|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 6669 | 6719 | 6775 | 5938 | 4395 | 3486 | 3015 | 1829 | 839 | 442 | 269 | 182 | 134 | 100 | 73 | 46 | 21 | 4 | 0 | 0 |
| 100% | 101% | 102% | 89% | 66% | 52% | 45% | 27% | 13% | 7% | 4% | 3% | 2% | 1% | 1% | 1% | 0% | 0% | 0% | 0% |

Intensities in 180° C-plane

| 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|
| 6669 | 6686 | 6717 | 6753 | 6814 | 6914 | 7056 | 7229 | 7449 | 7749 | 8061 | 7927 | 6786 | 4569 | 2021 | 642 | 141 | 21 | 0 | 0 |
| 100% | 100% | 101% | 101% | 102% | 104% | 106% | 108% | 112% | 116% | 121% | 119% | 102% | 69% | 30% | 10% | 2% | 0% | 0% | 0% |

Intensities in 270° C-plane

| 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° |
|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 6669 | 6719 | 6775 | 5938 | 4395 | 3486 | 3015 | 1829 | 839 | 442 | 269 | 182 | 134 | 100 | 73 | 46 | 21 | 4 | 0 | 0 |
| 100% | 101% | 102% | 89% | 66% | 52% | 45% | 27% | 13% | 7% | 4% | 3% | 2% | 1% | 1% | 1% | 0% | 0% | 0% | 0% |

| Beam Angle 50% | Field Angle 10% | Cutoff Angle 2,5% | Intensity Ratio in 120° Cone | Intensity Ratio in 90° Cone |
|----------------|-----------------|-------------------|------------------------------|-----------------------------|
| 76.2° | 103.7° | 127.6° | 87.9% | 64.7% |