

Light efficiency:

38 Lumen/Watt

Light quality:

CRI: 0.0

Color temperature:

0 K

Output: 1922 lm

Peak: 2572 cd

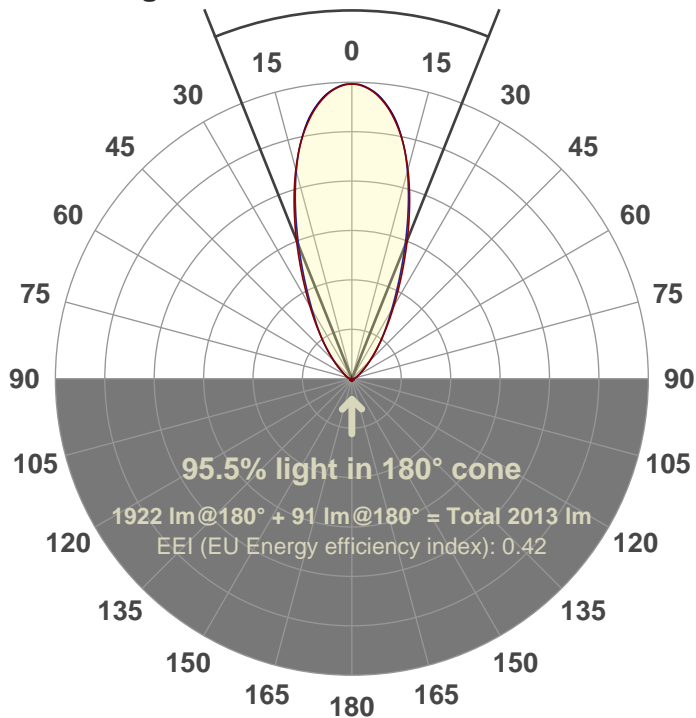
Power: 50.0 W

PF: 1.0



43.6°

Beam angle



Product name:

FL50-CM-RGBW65K-IM-40-ELV-SM-GREEN

Date and time:

30-May-18 12:43:54 PM

Additional Information:

LED: RGBW

FIXTURE: FL50

FILM: 250257 (40°)

COLORAMP: ON

STABILIZED: YES

COLOR (RGBW): GREEN

PERFORMED BY: ABDULLAH QURESHI

Color

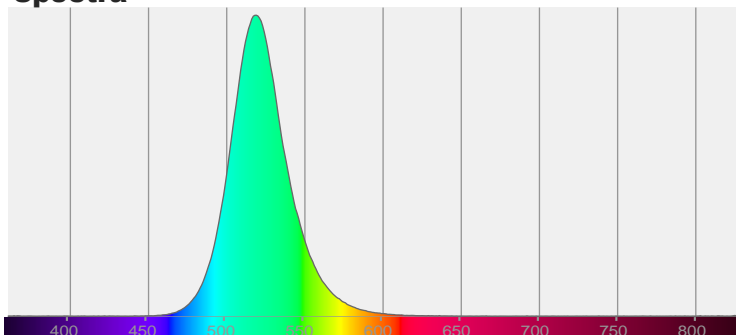


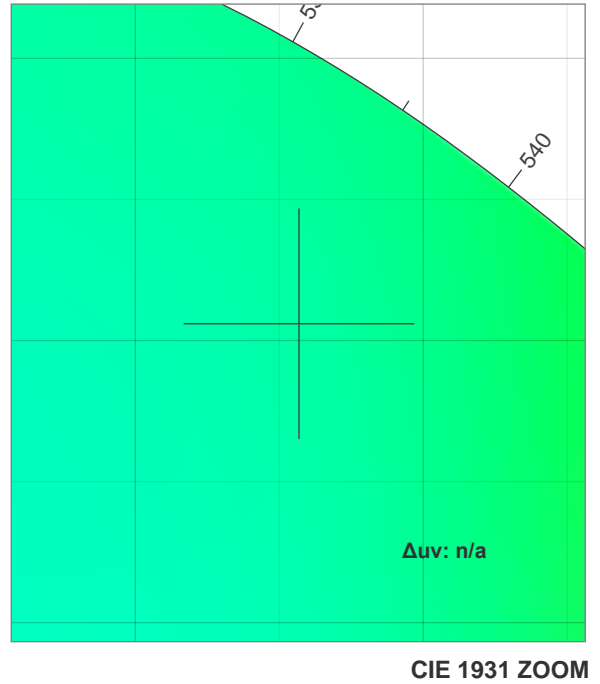
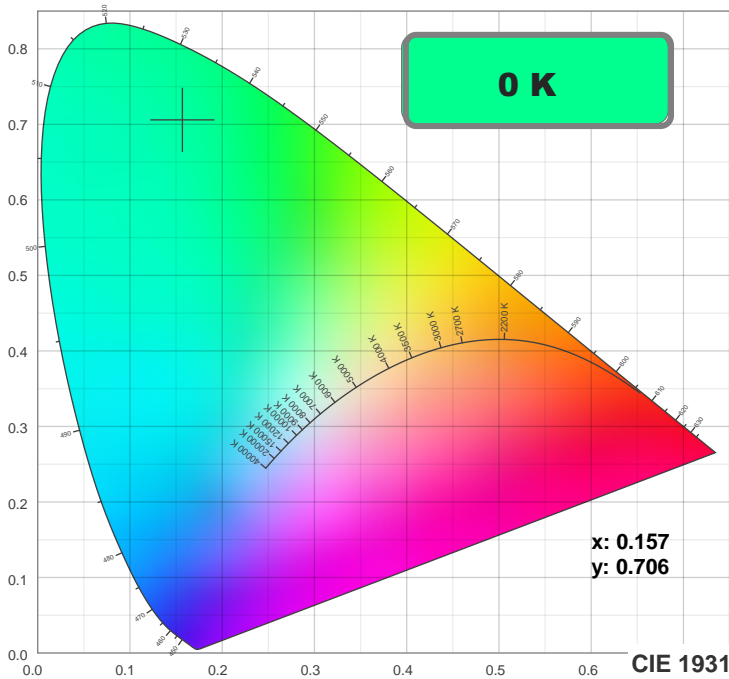
CIE 1931

x: 0.157

y: 0.706

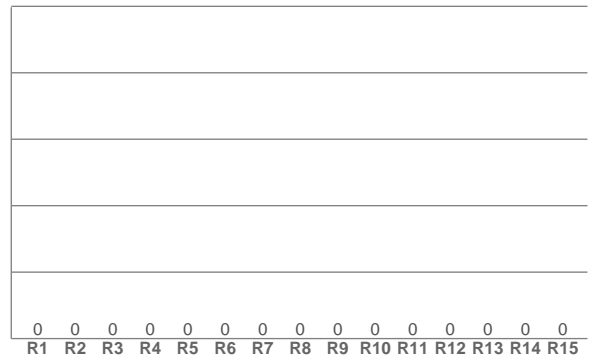
Spectra





TM30: 0.0

CRI: 0.0 (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 |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

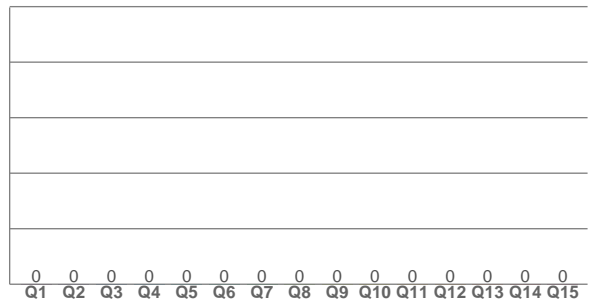
TM30 C values, 16 binned values out of total of 99 C values

| C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

CQS Q values

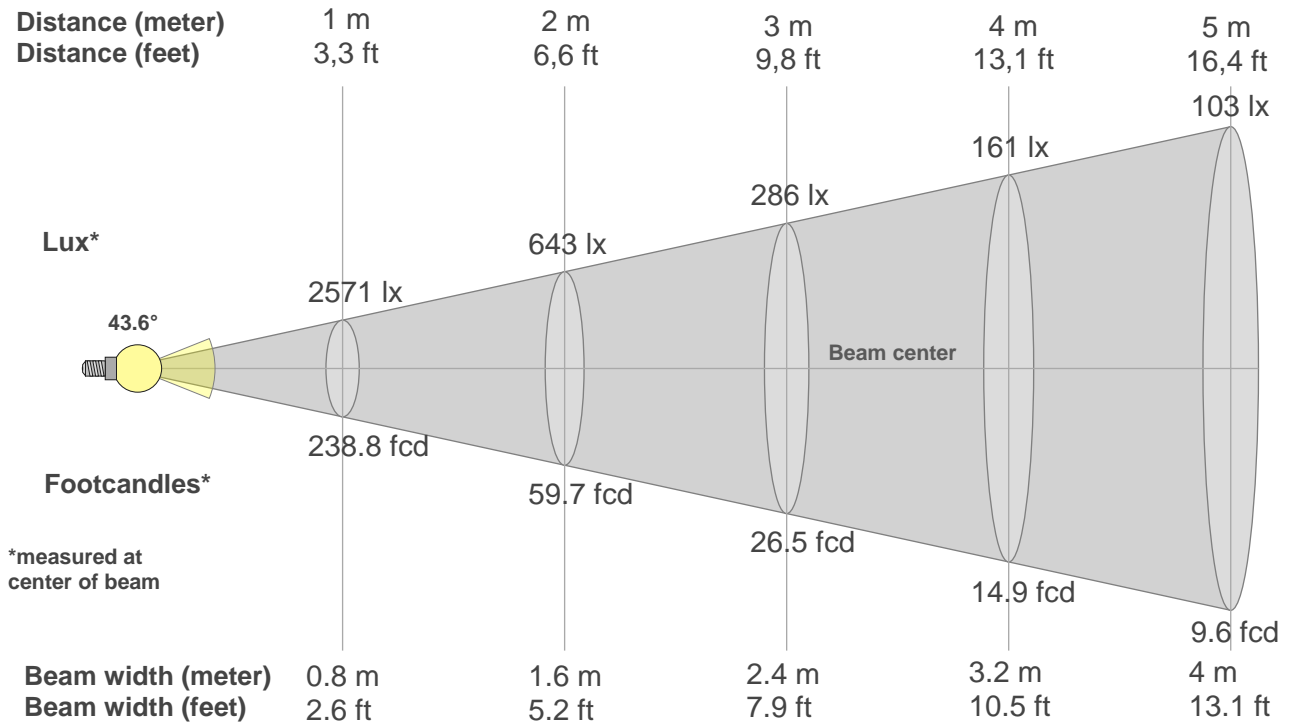
| Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 | Q9 | Q10 | Q11 | Q12 | Q13 | Q14 | Q15 |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

CQS: 0.0



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 |
| 0 K | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.157 | 0.706 | 0.056 | 0.380 | n/a |



Beam intensities from 1-20m

| 1m | 2m | 3m | 4m | 5m | 6m | 7m | 8m | 9m | 10m | 11m | 12m | 13m | 14m | 15m | 16m | 17m | 18m | 19m | 20m |
|----------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 3.3ft | 6.6ft | 9.8ft | 13.1ft | 16.4ft | 19.7ft | 23ft | 26.2ft | 29.5ft | 32.8ft | 36.1ft | 39.4ft | 42.7ft | 45.9ft | 49.2ft | 52.5ft | 55.8ft | 59.1ft | 62.3ft | 65.6ft |
| 2571lx | 643lx | 286lx | 161lx | 103lx | 71lx | 52lx | 40lx | 32lx | 26lx | 21lx | 18lx | 15lx | 13lx | 11lx | 10lx | 9lx | 8lx | 7lx | 6lx |
| 238.8fcd | 59.7fcd | 26.5fcd | 14.9fcd | 9.6fcd | 6.6fcd | 4.9fcd | 3.7fcd | 2.9fcd | 2.4fcd | 2fcd | 1.7fcd | 1.4fcd | 1.2fcd | 1.1fcd | 0.9fcd | 0.8fcd | 0.7fcd | 0.7fcd | 0.6fcd |

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° |
|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|
| 2571 | 2558 | 2518 | 2453 | 2364 | 2253 | 2123 | 1971 | 1805 | 1631 | 1454 | 1284 | 1123 | 977 | 847 | 732 | 631 | 542 | 464 | 395 |
| 100% | 99% | 98% | 95% | 92% | 88% | 83% | 77% | 70% | 63% | 57% | 50% | 44% | 38% | 33% | 28% | 25% | 21% | 18% | 15% |

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° |
|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|
| 2571 | 2561 | 2522 | 2461 | 2374 | 2264 | 2125 | 1963 | 1783 | 1596 | 1410 | 1233 | 1070 | 925 | 801 | 694 | 603 | 527 | 458 | 396 |
| 100% | 100% | 98% | 96% | 92% | 88% | 83% | 76% | 69% | 62% | 55% | 48% | 42% | 36% | 31% | 27% | 23% | 20% | 18% | 15% |

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° |
|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|
| 2571 | 2558 | 2518 | 2453 | 2364 | 2253 | 2123 | 1971 | 1805 | 1631 | 1454 | 1284 | 1123 | 977 | 847 | 732 | 631 | 542 | 464 | 395 |
| 100% | 99% | 98% | 95% | 92% | 88% | 83% | 77% | 70% | 63% | 57% | 50% | 44% | 38% | 33% | 28% | 25% | 21% | 18% | 15% |

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° |
|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|
| 2571 | 2561 | 2522 | 2461 | 2374 | 2264 | 2125 | 1963 | 1783 | 1596 | 1410 | 1233 | 1070 | 925 | 801 | 694 | 603 | 527 | 458 | 396 |
| 100% | 100% | 98% | 96% | 92% | 88% | 83% | 76% | 69% | 62% | 55% | 48% | 42% | 36% | 31% | 27% | 23% | 20% | 18% | 15% |

| Beam angle 50% | Field angle 10% | Cutoff angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|-------------------|------------------------------|-----------------------------|
| 43.6° | 86.8° | 125.1° | 89.7% | 81.5% |