

Light efficiency:

34 Lumen/Watt

Light quality:

CRI: 0.0

Color temperature:

0 K

Output: 3373 lm

Peak: 5613 cd

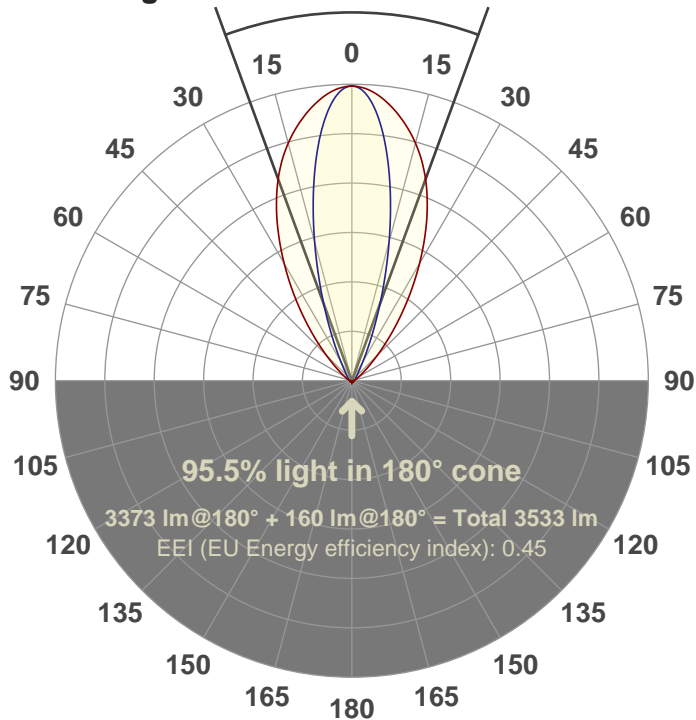
Power: 98.3 W

PF: 1.0



40.2°

Beam angle



Product name:

FL100-CM-RGBW65K-IM-30X60-ELV-SM-GREEN

Date and time:

07-Jun-18 9:49:53 AM

Additional Information:

LED: RGBW

FIXTURE: FL100

FILM: 250230 (30°X60°)

COLOR-AMP: ON

STABILIZED: YES

COLOR (RGBW): GREEN

FWHM: 29.5°X57.1°

PERFORMED BY: ABDULLAH QURESHI

Color

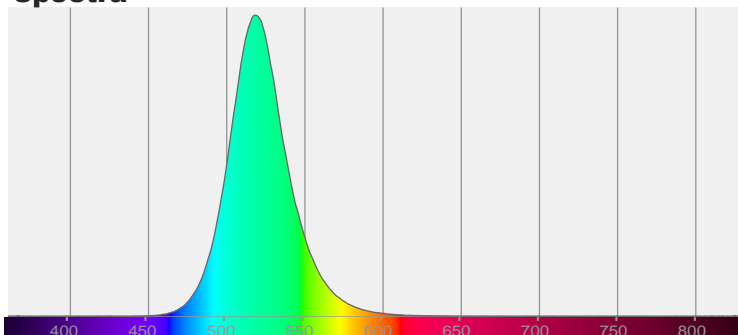


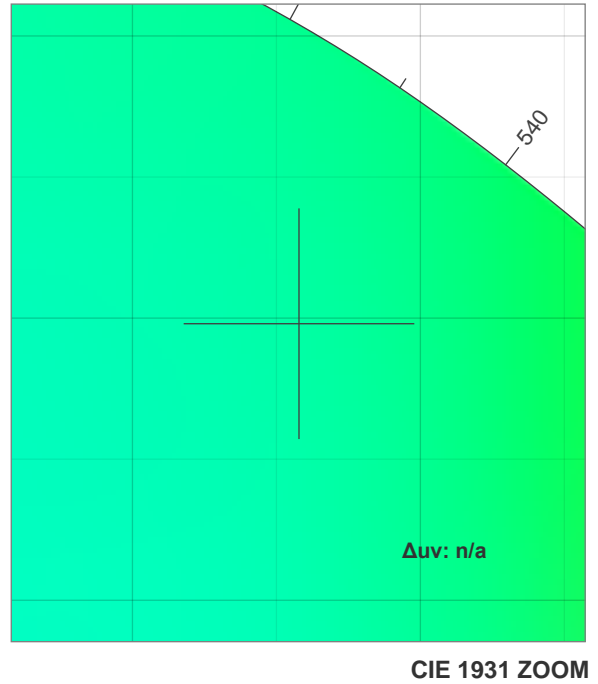
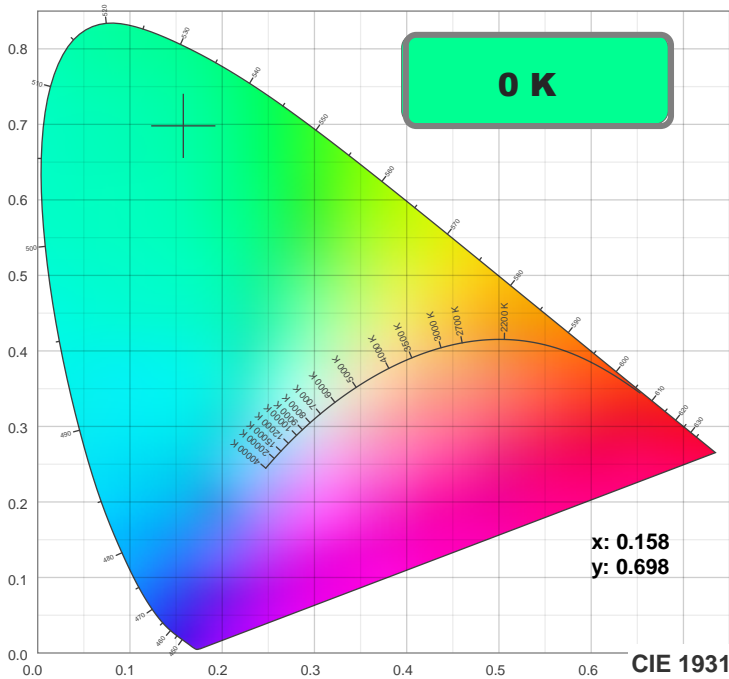
CIE 1931

x: 0.158

y: 0.698

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 |

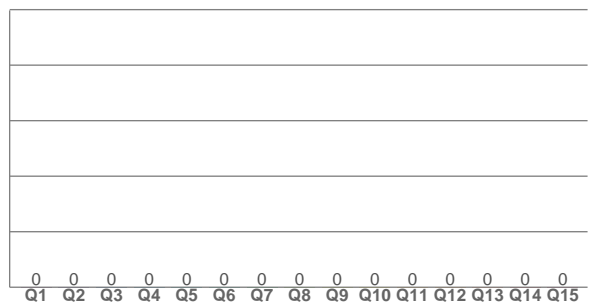
TM30 C values, 16 binned values out of total of 99 C values

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 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

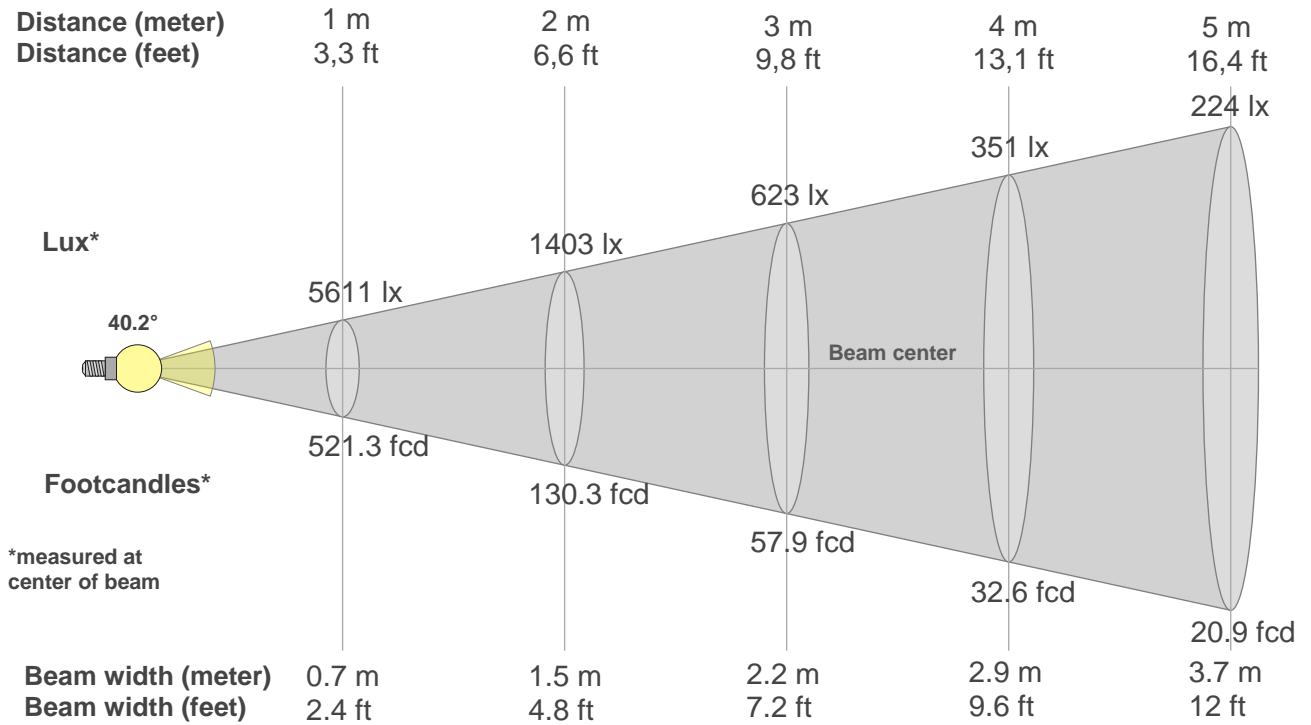
| | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 | Q9 | Q10 | Q11 | Q12 | Q13 | Q14 | Q15 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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 | 0.158 | 0.698 | 0.057 | 0.379 | 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 |
| 5611lx | 1403lx | 623lx | 351lx | 224lx | 156lx | 115lx | 88lx | 69lx | 56lx | 46lx | 39lx | 33lx | 29lx | 25lx | 22lx | 19lx | 17lx | 16lx | 14lx |
| 521.3fcd | 130.3fcd | 57.9fcd | 32.6fcd | 20.9fcd | 14.5fcd | 10.6fcd | 8.1fcd | 6.4fcd | 5.2fcd | 4.3fcd | 3.6fcd | 3.1fcd | 2.7fcd | 2.3fcd | 2fcd | 1.8fcd | 1.6fcd | 1.4fcd | 1.3fcd |

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° |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 5611 | 5588 | 5523 | 5420 | 5290 | 5139 | 4970 | 4785 | 4578 | 4351 | 4099 | 3822 | 3526 | 3215 | 2896 | 2577 | 2264 | 1962 | 1674 | 1409 |
| 100% | 100% | 98% | 97% | 94% | 92% | 89% | 85% | 82% | 78% | 73% | 68% | 63% | 57% | 52% | 46% | 40% | 35% | 30% | 25% |

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° |
|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|
| 5611 | 5540 | 5323 | 4986 | 4557 | 4064 | 3537 | 3004 | 2486 | 2007 | 1582 | 1220 | 929 | 705 | 537 | 418 | 334 | 275 | 232 | 198 |
| 100% | 99% | 95% | 89% | 81% | 72% | 63% | 54% | 44% | 36% | 28% | 22% | 17% | 13% | 10% | 7% | 6% | 5% | 4% | 4% |

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° |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 5611 | 5588 | 5523 | 5420 | 5290 | 5139 | 4970 | 4785 | 4578 | 4351 | 4099 | 3822 | 3526 | 3215 | 2896 | 2577 | 2264 | 1962 | 1674 | 1409 |
| 100% | 100% | 98% | 97% | 94% | 92% | 89% | 85% | 82% | 78% | 73% | 68% | 63% | 57% | 52% | 46% | 40% | 35% | 30% | 25% |

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° |
|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|
| 5611 | 5540 | 5323 | 4986 | 4557 | 4064 | 3537 | 3004 | 2486 | 2007 | 1582 | 1220 | 929 | 705 | 537 | 418 | 334 | 275 | 232 | 198 |
| 100% | 99% | 95% | 89% | 81% | 72% | 63% | 54% | 44% | 36% | 28% | 22% | 17% | 13% | 10% | 7% | 6% | 5% | 4% | 4% |

| Beam angle 50% | Field angle 10% | Cutoff angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|-------------------|------------------------------|-----------------------------|
| 40.2° | 71.7° | 103.9° | 90.3% | 83.9% |