

Light efficiency:



Light quality:



Color temperature:



Output: 1016 lm

Peak: 1640 cd

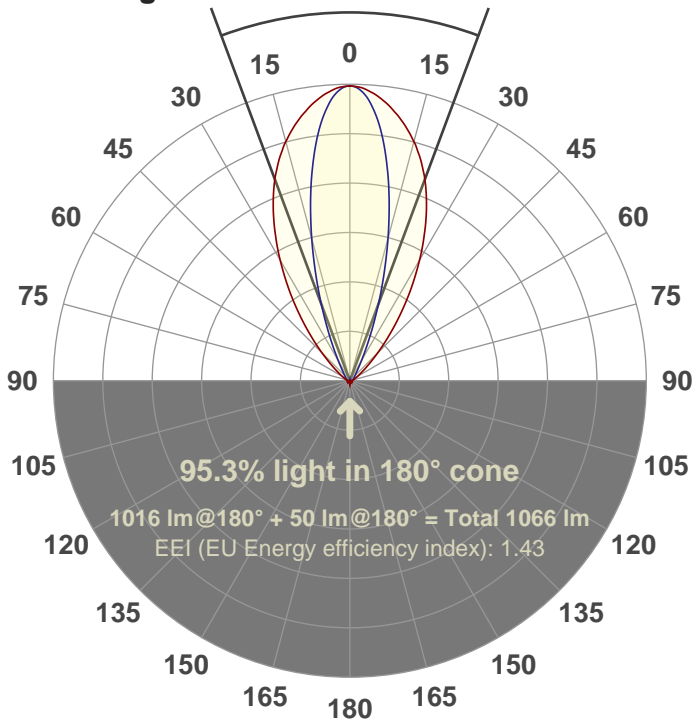
Power: 99.7 W

PF: 1.0



40.9°

Beam angle



Product name:

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

Date and time:

08-Jun-18 9:23:14 AM

Additional Information:

LED: RGBW

FIXTURE: FL100

FILM: 250230 (30°X60°)

COLOR-AMP: ON

STABILIZED: YES

COLOR (RGBW): BLUE

FWHM: 30°X58.1°

PERFORMED BY: ABDULLAH QURESHI

Color

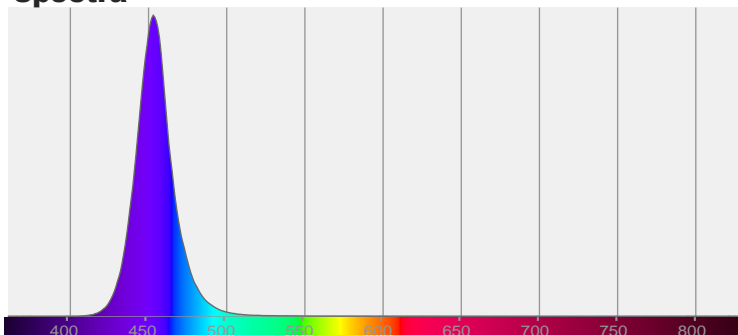


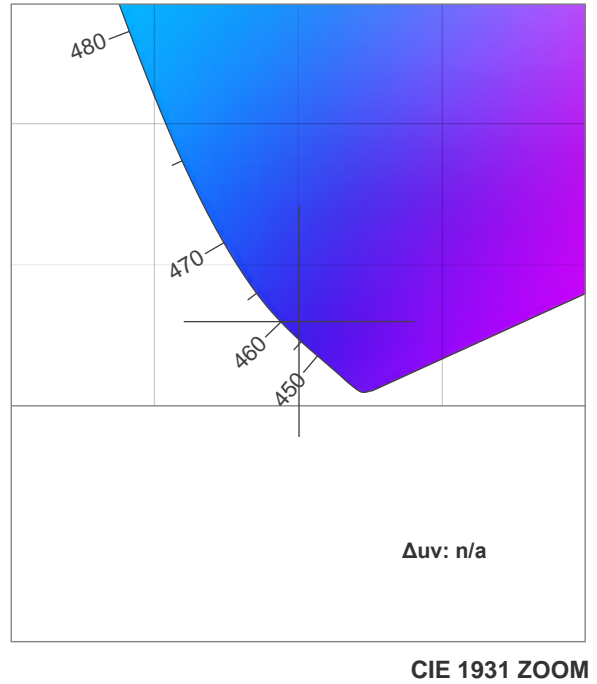
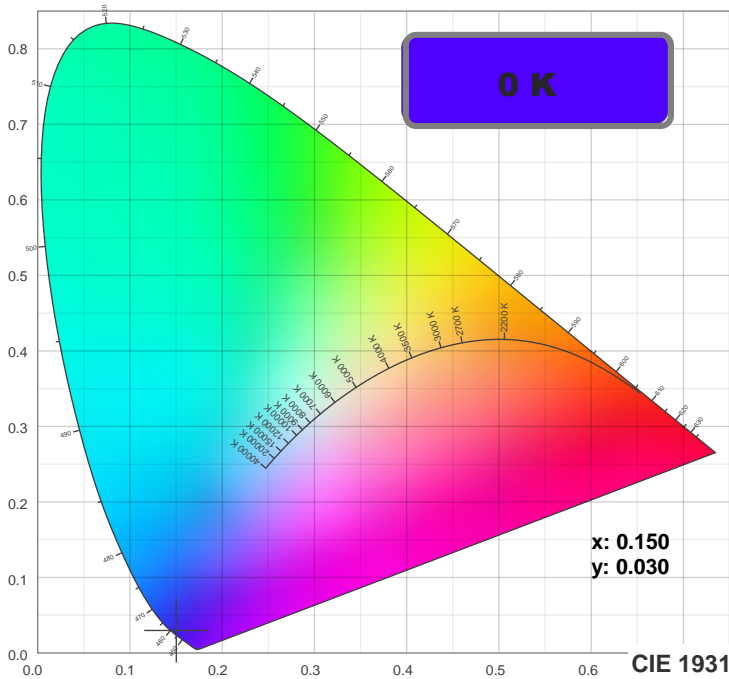
CIE 1931

x: 0.150

y: 0.030

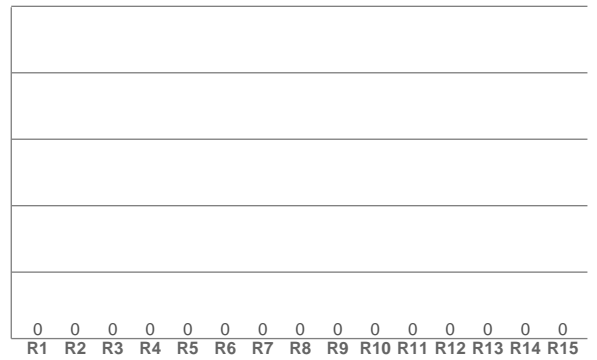
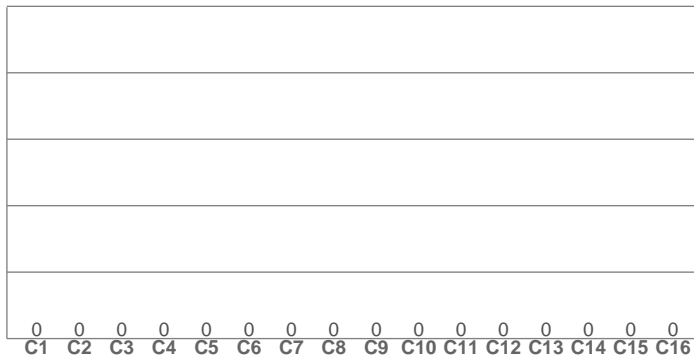
Spectra





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 |

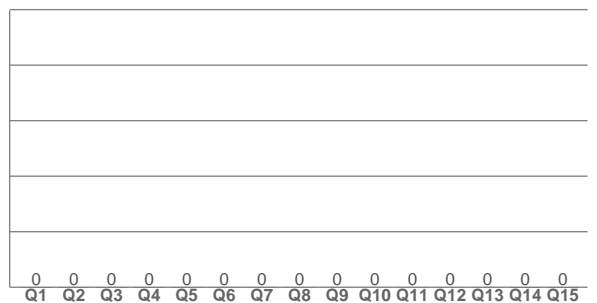
TM30 C values, 16 binned values out of total of 99 C values

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

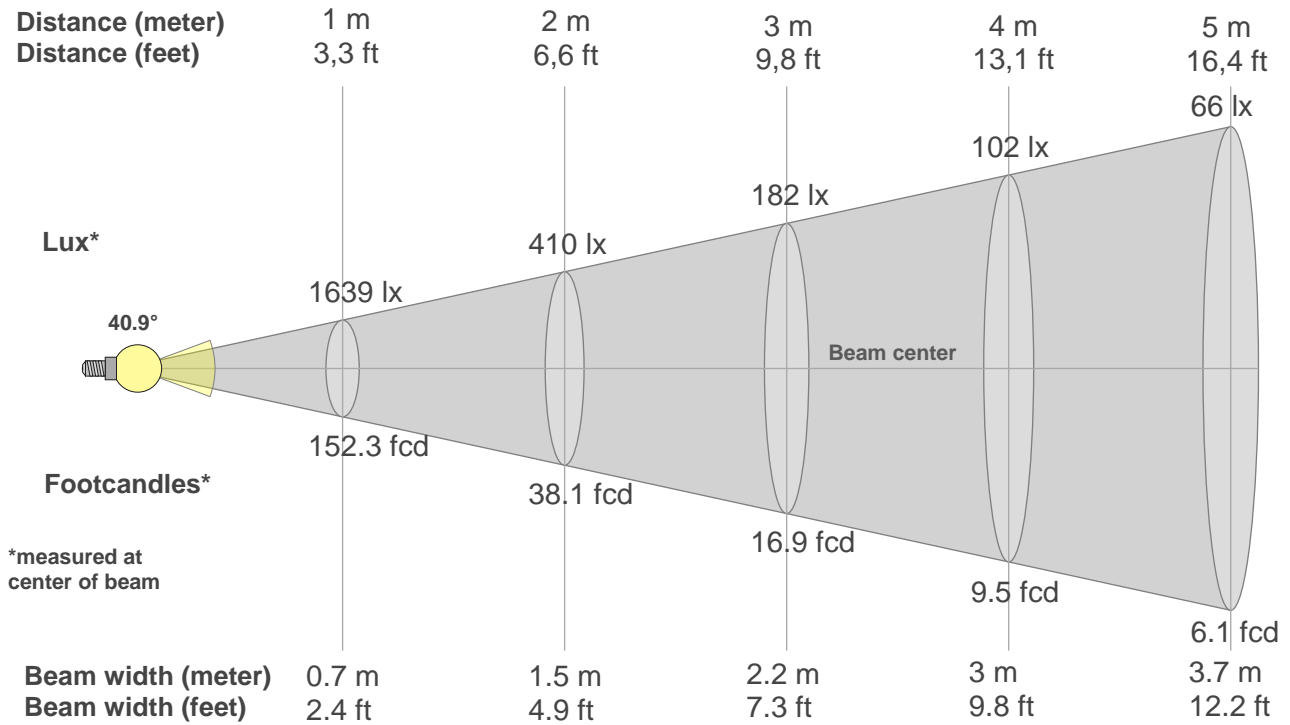
| | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 | Q9 | Q10 | Q11 | Q12 | Q13 | Q14 | Q15 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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 | 0.150 | 0.030 | 0.197 | 0.059 | 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 |
| 1639lx | 410lx | 182lx | 102lx | 66lx | 46lx | 33lx | 26lx | 20lx | 16lx | 14lx | 11lx | 10lx | 8lx | 7lx | 6lx | 6lx | 5lx | 5lx | 4lx |
| 152.3fcd | 38.1fcd | 16.9fcd | 9.5fcd | 6.1fcd | 4.2fcd | 3.1fcd | 2.4fcd | 1.9fcd | 1.5fcd | 1.3fcd | 1.1fcd | 0.9fcd | 0.8fcd | 0.7fcd | 0.6fcd | 0.5fcd | 0.5fcd | 0.4fcd | 0.4fcd |

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° |
|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|
| 1639 | 1633 | 1613 | 1584 | 1548 | 1505 | 1458 | 1405 | 1348 | 1283 | 1212 | 1133 | 1048 | 959 | 868 | 776 | 685 | 598 | 514 | 435 |
| 100% | 100% | 98% | 97% | 94% | 92% | 89% | 86% | 82% | 78% | 74% | 69% | 64% | 59% | 53% | 47% | 42% | 37% | 31% | 27% |

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° |
|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1639 | 1619 | 1559 | 1463 | 1342 | 1200 | 1049 | 895 | 746 | 606 | 481 | 373 | 285 | 217 | 166 | 129 | 103 | 84 | 71 | 61 |
| 100% | 99% | 95% | 89% | 82% | 73% | 64% | 55% | 46% | 37% | 29% | 23% | 17% | 13% | 10% | 8% | 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° |
|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|
| 1639 | 1633 | 1613 | 1584 | 1548 | 1505 | 1458 | 1405 | 1348 | 1283 | 1212 | 1133 | 1048 | 959 | 868 | 776 | 685 | 598 | 514 | 435 |
| 100% | 100% | 98% | 97% | 94% | 92% | 89% | 86% | 82% | 78% | 74% | 69% | 64% | 59% | 53% | 47% | 42% | 37% | 31% | 27% |

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° |
|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1639 | 1619 | 1559 | 1463 | 1342 | 1200 | 1049 | 895 | 746 | 606 | 481 | 373 | 285 | 217 | 166 | 129 | 103 | 84 | 71 | 61 |
| 100% | 99% | 95% | 89% | 82% | 73% | 64% | 55% | 46% | 37% | 29% | 23% | 17% | 13% | 10% | 8% | 6% | 5% | 4% | 4% |

| Beam angle 50% | Field angle 10% | Cutoff angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|-------------------|------------------------------|-----------------------------|
| 40.9° | 72.8° | 106.1° | 89.9% | 83.3% |