

Light efficiency:



Light quality:



Color temperature:

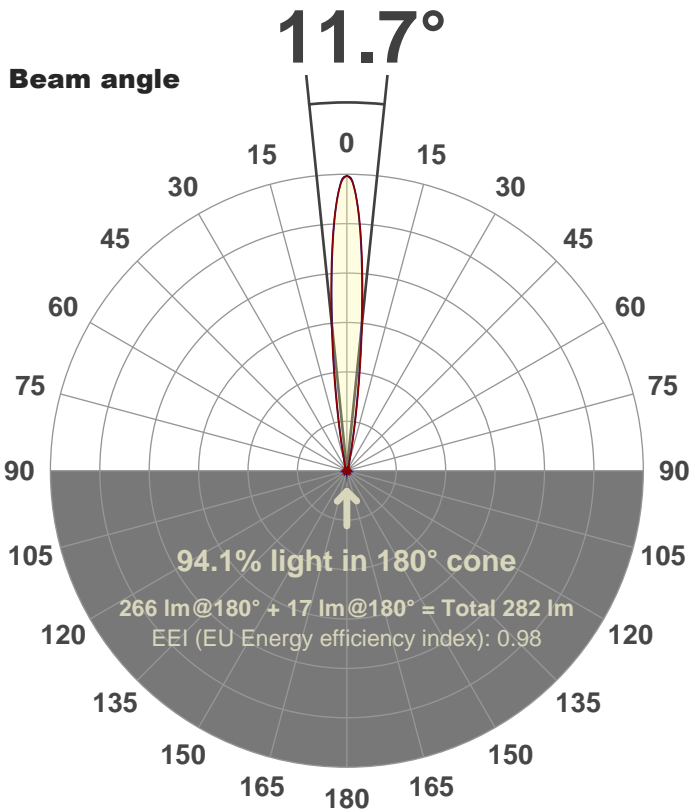


Output: 266 lm

Peak: 3903 cd

Power: 24.9 W

PF: 1.0



Product name:

FL25-CM-RGBW65K-IM-10-ELV-SM120-BLUE

Date and time:

03-Jul-18 10:21:56 AM

Additional Information:

LED: RGBW (6500K)

FIXTURE: FL25

FILM: 250251 (10°)

COLOR-AMP: ON

STABILIZED: YES

COLOR (RGBW): GREEN

PERFORMED BY: ABDULLAH QURESHI

Color

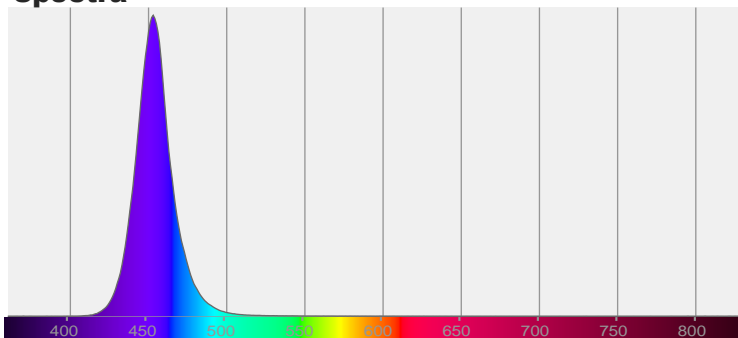


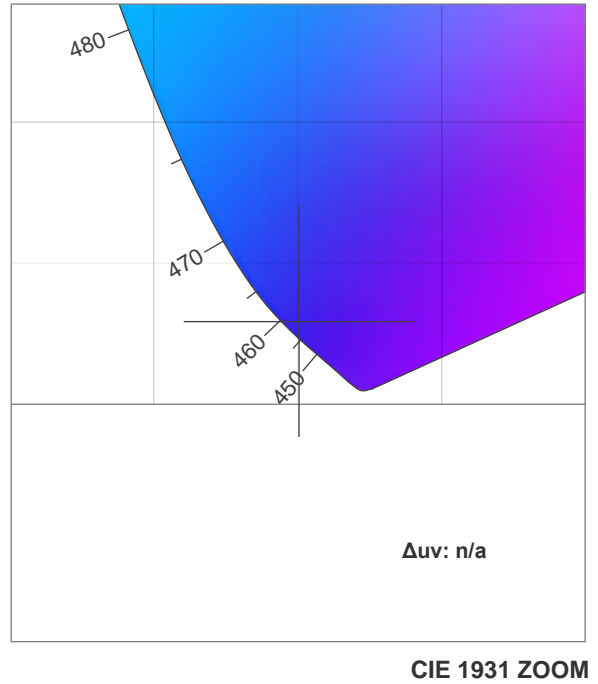
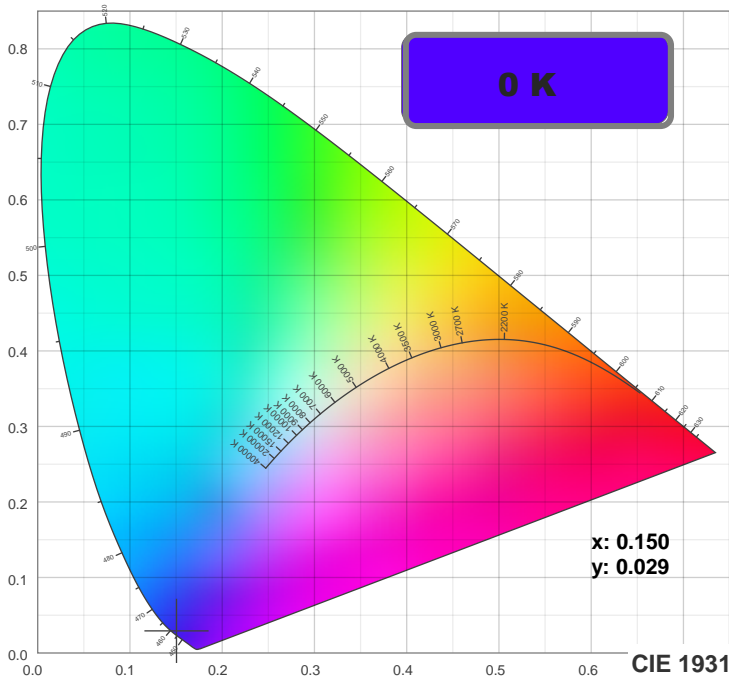
CIE 1931

x: 0.150

y: 0.029

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 |

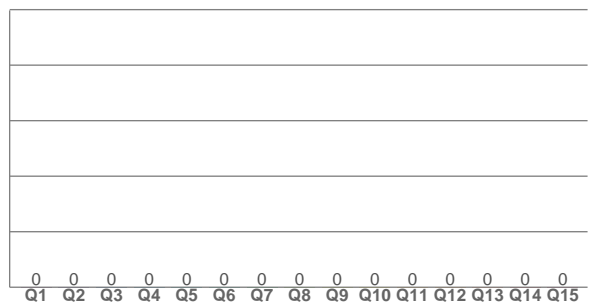
TM30 C values, 16 binned values out of total of 99 C values

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

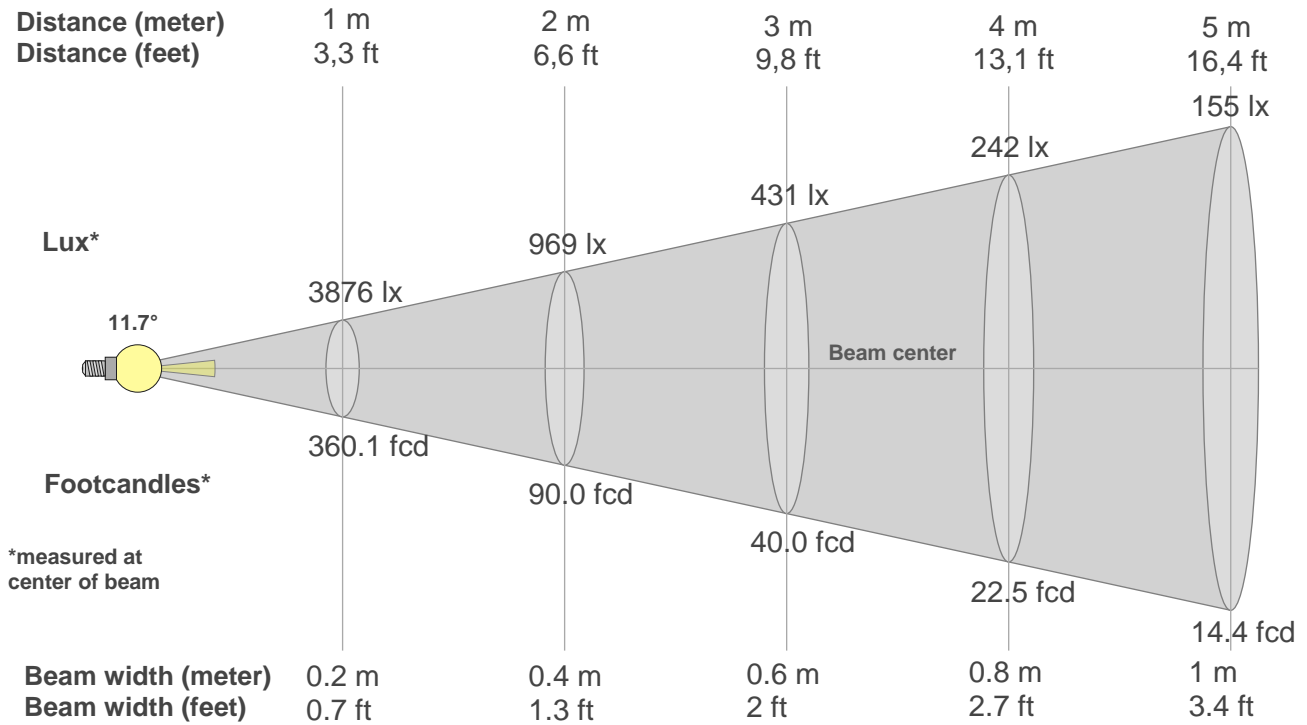
| | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 | Q9 | Q10 | Q11 | Q12 | Q13 | Q14 | Q15 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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 | 0.029 | 0.197 | 0.058 | 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 |
| 3876lx | 969lx | 431lx | 242lx | 155lx | 108lx | 79lx | 61lx | 48lx | 39lx | 32lx | 27lx | 23lx | 20lx | 17lx | 15lx | 13lx | 12lx | 11lx | 10lx |
| 360.1fcd | 90fcd | 40fcd | 22.5fcd | 14.4fcd | 10fcd | 7.3fcd | 5.6fcd | 4.4fcd | 3.6fcd | 3fcd | 2.5fcd | 2.1fcd | 1.8fcd | 1.6fcd | 1.4fcd | 1.2fcd | 1.1fcd | 1fcd | 0.9fcd |

Intensities in 0° c-plane

| 0° | 1° | 2° | 3° | 4° | 5° | 6° | 7° | 8° | 9° | 10° | 11° | 12° | 13° | 14° | 15° | 16° | 17° | 18° | 19° |
|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 3876 | 3831 | 3609 | 3268 | 2841 | 2375 | 1912 | 1486 | 1112 | 807 | 574 | 409 | 295 | 220 | 174 | 144 | 124 | 110 | 99 | 89 |
| 100% | 99% | 93% | 84% | 73% | 61% | 49% | 38% | 29% | 21% | 15% | 11% | 8% | 6% | 4% | 4% | 3% | 3% | 3% | 2% |

Intensities in 90° c-plane

| 0° | 1° | 2° | 3° | 4° | 5° | 6° | 7° | 8° | 9° | 10° | 11° | 12° | 13° | 14° | 15° | 16° | 17° | 18° | 19° |
|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 3876 | 3823 | 3589 | 3232 | 2785 | 2300 | 1823 | 1391 | 1016 | 720 | 504 | 353 | 253 | 189 | 151 | 129 | 114 | 104 | 96 | 88 |
| 100% | 99% | 93% | 83% | 72% | 59% | 47% | 36% | 26% | 19% | 13% | 9% | 7% | 5% | 4% | 3% | 3% | 3% | 2% | 2% |

Intensities in 180° c-plane

| 0° | 1° | 2° | 3° | 4° | 5° | 6° | 7° | 8° | 9° | 10° | 11° | 12° | 13° | 14° | 15° | 16° | 17° | 18° | 19° |
|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 3876 | 3831 | 3609 | 3268 | 2841 | 2375 | 1912 | 1486 | 1112 | 807 | 574 | 409 | 295 | 220 | 174 | 144 | 124 | 110 | 99 | 89 |
| 100% | 99% | 93% | 84% | 73% | 61% | 49% | 38% | 29% | 21% | 15% | 11% | 8% | 6% | 4% | 4% | 3% | 3% | 3% | 2% |

Intensities in 270° c-plane

| 0° | 1° | 2° | 3° | 4° | 5° | 6° | 7° | 8° | 9° | 10° | 11° | 12° | 13° | 14° | 15° | 16° | 17° | 18° | 19° |
|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 3876 | 3823 | 3589 | 3232 | 2785 | 2300 | 1823 | 1391 | 1016 | 720 | 504 | 353 | 253 | 189 | 151 | 129 | 114 | 104 | 96 | 88 |
| 100% | 99% | 93% | 83% | 72% | 59% | 47% | 36% | 26% | 19% | 13% | 9% | 7% | 5% | 4% | 3% | 3% | 3% | 2% | 2% |

| Beam angle 50% | Field angle 10% | Cutoff angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|-------------------|------------------------------|-----------------------------|
| 11.7° | 21.9° | 36.7° | 88.4% | 85.3% |