

Light efficiency:



Light quality:



Color temperature:



Output: 258 lm

Peak: 222 cd

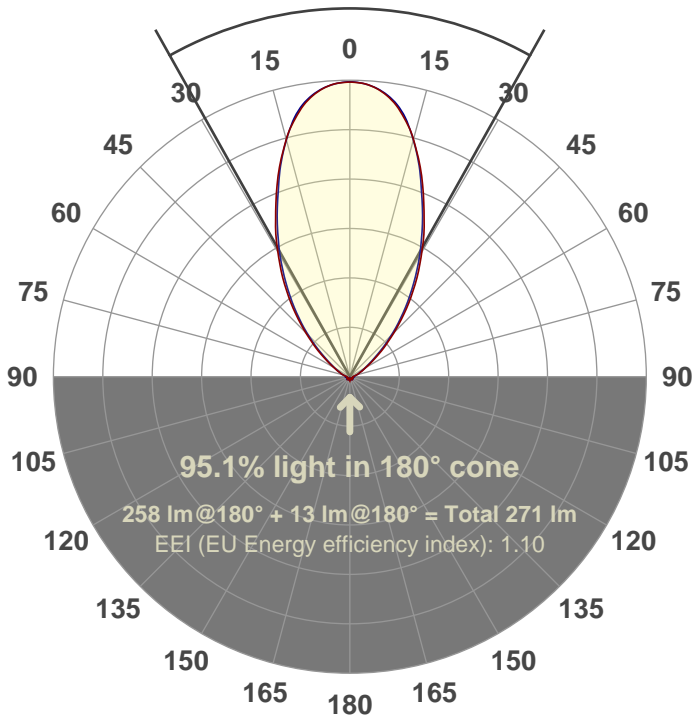
Power: 24.9 W

PF: 1.0



58.6°

Beam angle



Product name:

FL25-CM-RGBW65K-IM-60-ELV-SM120-BLUE

Date and time:

04-Jul-18 10:47:30 AM

Additional Information:

LED: RGBW (6500K)

FIXTURE: FL25

FILM: 250258 (60°)

COLOR-AMP: ON

STABILIZED: YES

COLOR (RGBW): BLUE

PERFORMED BY: ABDULLAH QURESHI

Color

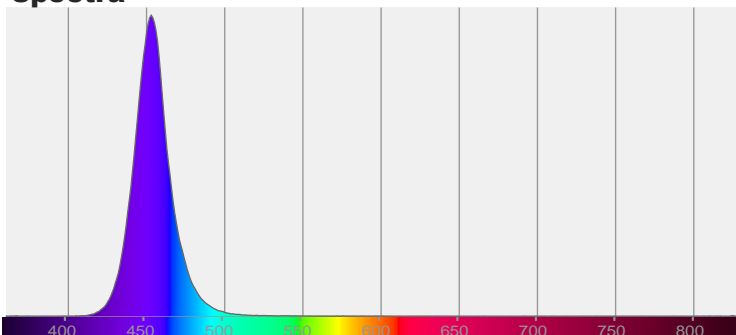


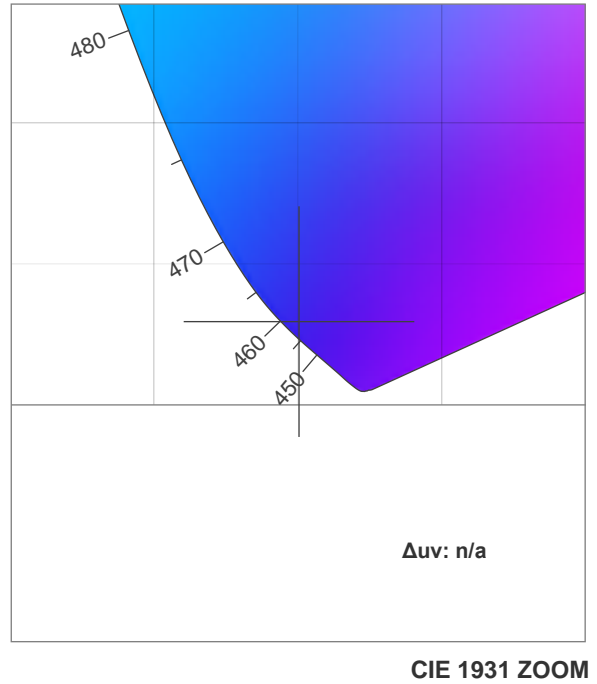
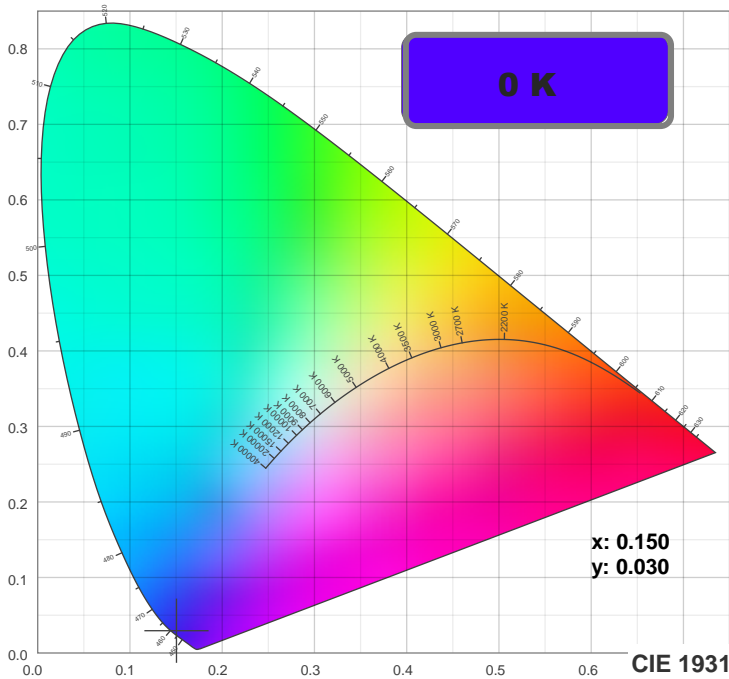
CIE 1931

x: 0.150

y: 0.030

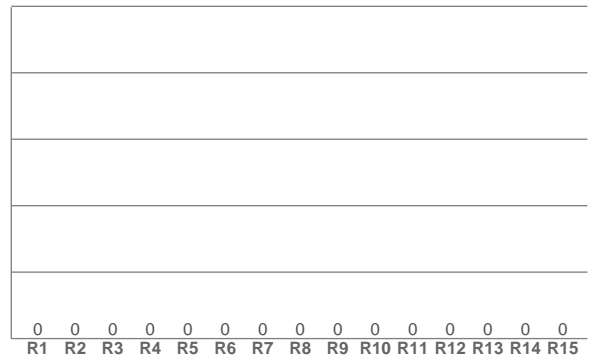
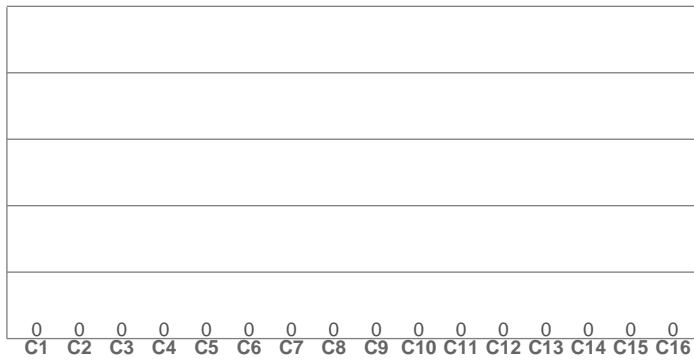
Spectra





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 |

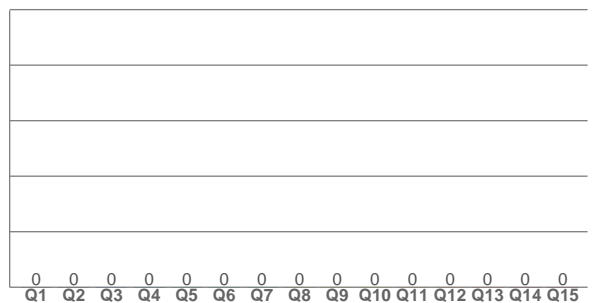
TM30 C values, 16 binned values out of total of 99 C values

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

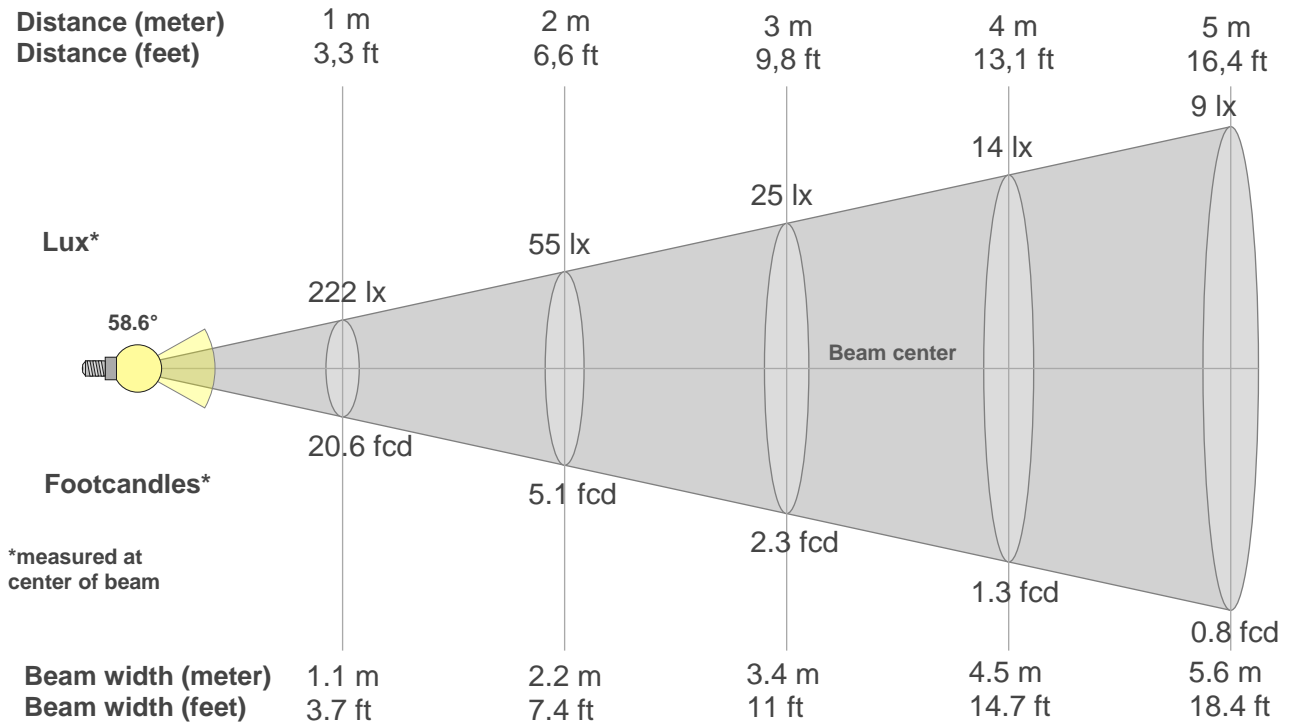
| | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 | Q9 | Q10 | Q11 | Q12 | Q13 | Q14 | Q15 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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 | 0.058 | 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 |
| 222lx | 55lx | 25lx | 14lx | 9lx | 6lx | 5lx | 3lx | 3lx | 2lx | 2lx | 2lx | 1lx | 1lx | 1lx | 1lx | 1lx | 1lx | 1lx | 1lx |
| 20.6fcd | 5.1fcd | 2.3fcd | 1.3fcd | 0.8fcd | 0.6fcd | 0.4fcd | 0.3fcd | 0.3fcd | 0.2fcd | 0.2fcd | 0.1fcd | 0.1fcd | 0.1fcd | 0.1fcd | 0.1fcd | 0.1fcd | 0.1fcd | 0.1fcd | 0.1fcd |

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° |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 222 | 218 | 206 | 185 | 158 | 132 | 108 | 86 | 65 | 47 | 33 | 21 | 14 | 10 | 7 | 5 | 4 | 3 | 2 | 0 |
| 100% | 98% | 93% | 83% | 72% | 60% | 49% | 39% | 30% | 21% | 15% | 10% | 6% | 5% | 3% | 2% | 2% | 1% | 1% | 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° |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 222 | 218 | 207 | 184 | 156 | 129 | 105 | 82 | 62 | 44 | 29 | 19 | 13 | 9 | 7 | 5 | 4 | 3 | 2 | 0 |
| 100% | 98% | 93% | 83% | 70% | 58% | 47% | 37% | 28% | 20% | 13% | 9% | 6% | 4% | 3% | 2% | 2% | 1% | 1% | 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° |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 222 | 218 | 206 | 185 | 158 | 132 | 108 | 86 | 65 | 47 | 33 | 21 | 14 | 10 | 7 | 5 | 4 | 3 | 2 | 0 |
| 100% | 98% | 93% | 83% | 72% | 60% | 49% | 39% | 30% | 21% | 15% | 10% | 6% | 5% | 3% | 2% | 2% | 1% | 1% | 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° |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 222 | 218 | 207 | 184 | 156 | 129 | 105 | 82 | 62 | 44 | 29 | 19 | 13 | 9 | 7 | 5 | 4 | 3 | 2 | 0 |
| 100% | 98% | 93% | 83% | 70% | 58% | 47% | 37% | 28% | 20% | 13% | 9% | 6% | 4% | 3% | 2% | 2% | 1% | 1% | 0% |

| Beam angle 50% | Field angle 10% | Cutoff angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|-------------------|------------------------------|-----------------------------|
| 58.6° | 107.9° | 148.1° | 88.4% | 75.8% |