

Light efficiency:

8 Lumen/Watt

Light quality:

CRI: 0.0

Color temperature:

0 K

Output: 1729 lm

Peak: 2160 cd

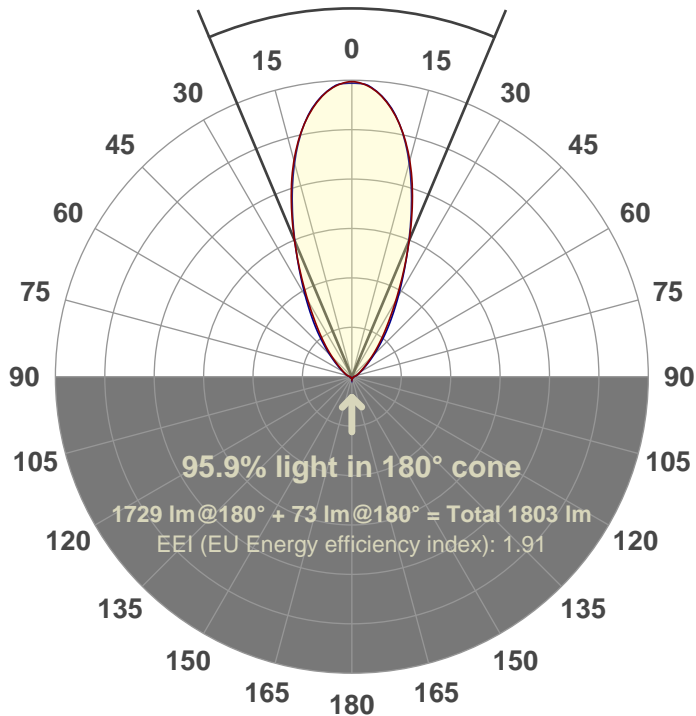
Power: 204 W

PF: 1.0



45.6°

Beam angle



Color



CIE 1931
x: 0.150
y: 0.029

Product name:

FL200-CM-RGBW-IM-40-ELV-SM-BLUE

Date and time:

27-Aug-18 12:37:47 PM

Additional Information:

LED: RGBW

FIXTURE: FL200

FILM: 250276 (40°)

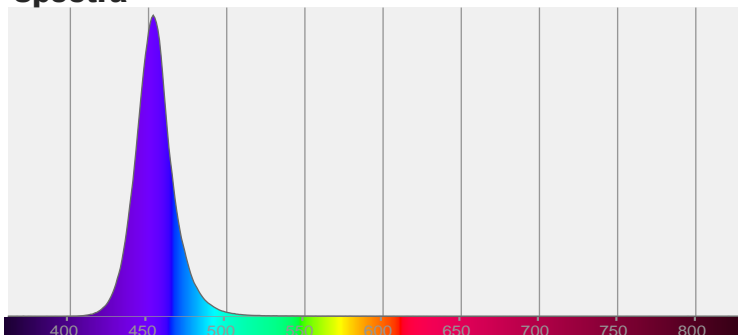
COLOR-AMP: ON

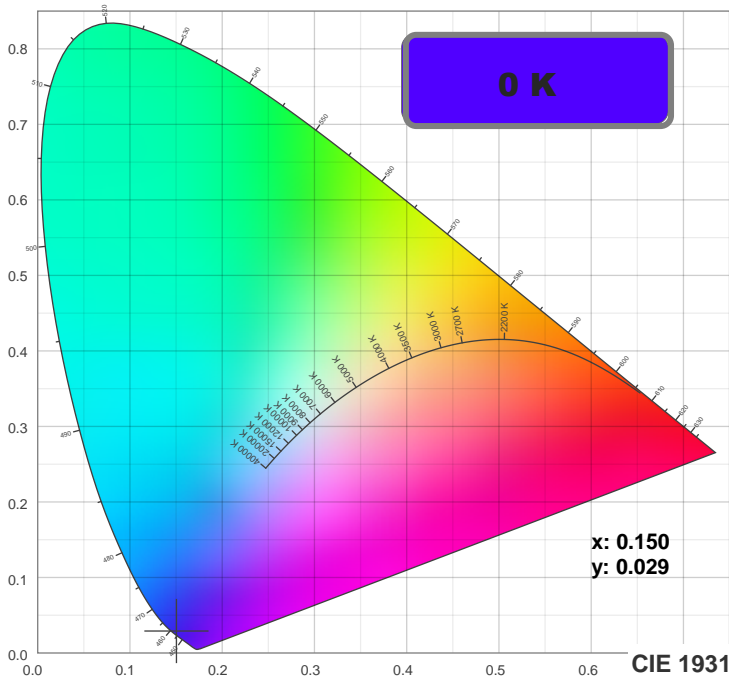
STABILIZED: YES

COLOR (RGBW): BLUE

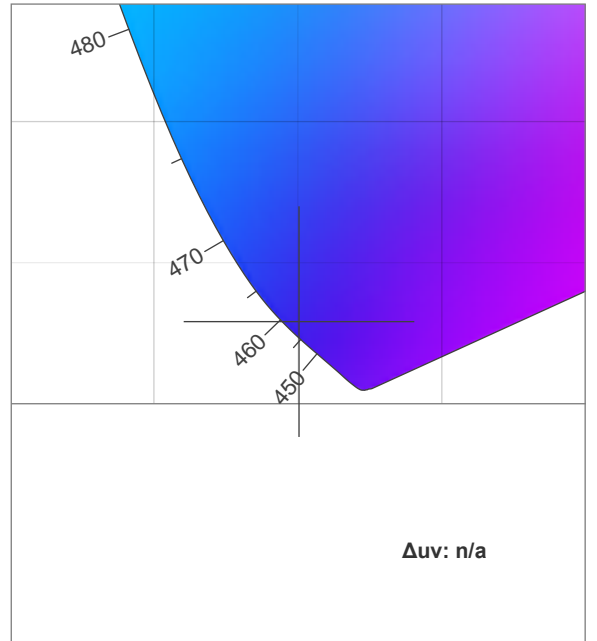
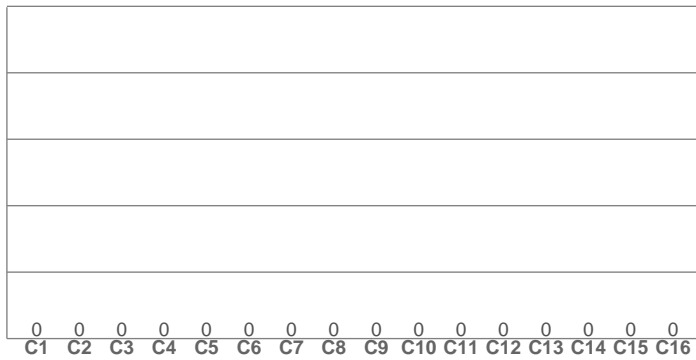
PERFORMED BY: ABDULLAH QURESHI

Spectra

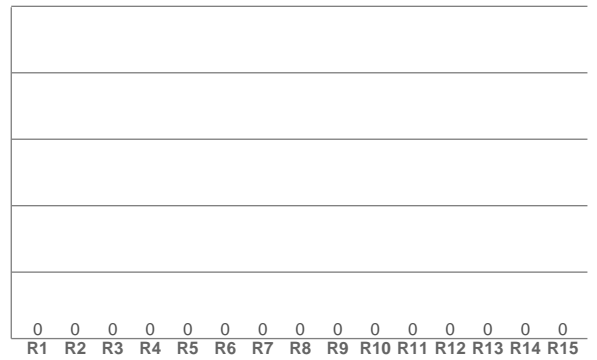




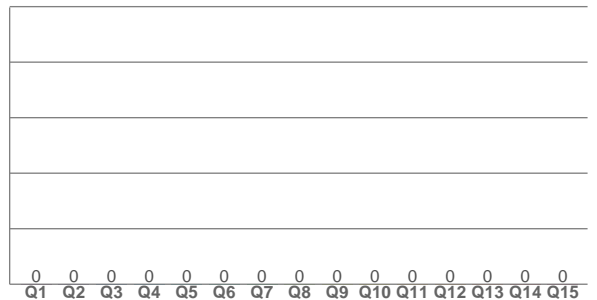
TM30: 0.0



CRI: 0.0 (R1-R8)



CQS: 0.0



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

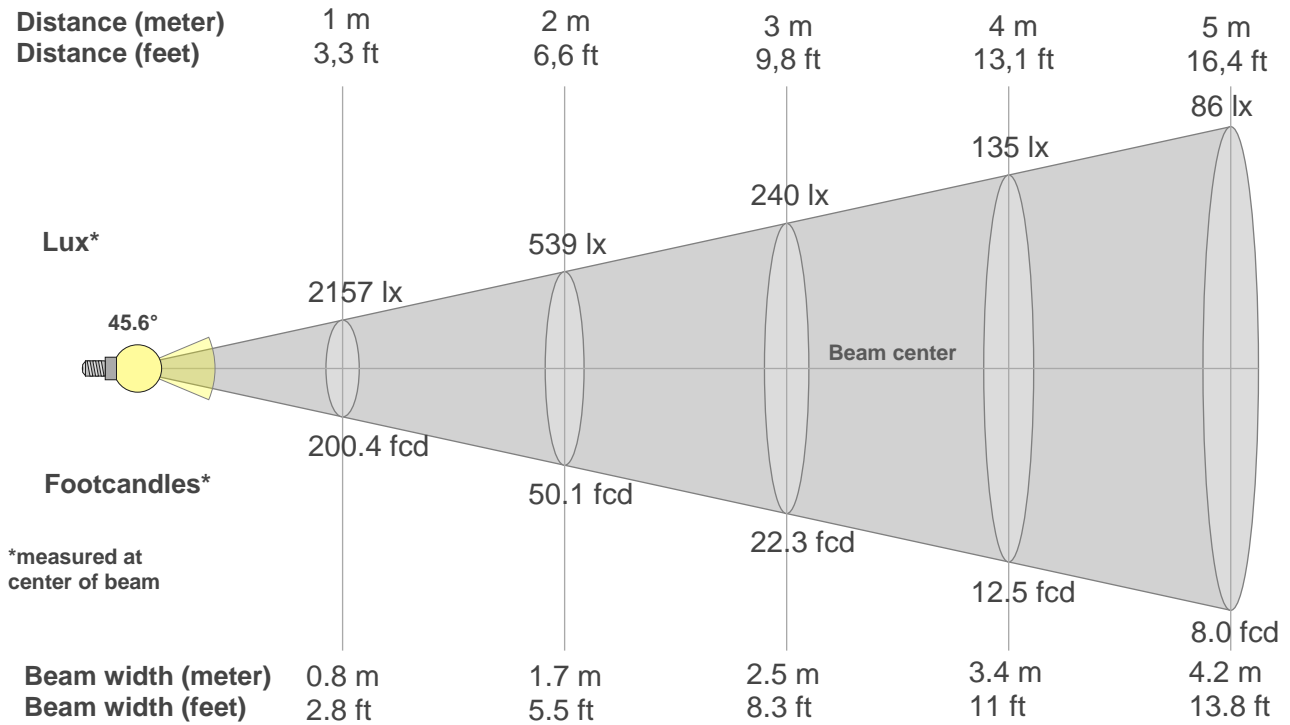
| C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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 |

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 | 0.057 | 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 |
| 2157lx | 539lx | 240lx | 135lx | 86lx | 60lx | 44lx | 34lx | 27lx | 22lx | 18lx | 15lx | 13lx | 11lx | 10lx | 8lx | 7lx | 7lx | 6lx | 5lx |
| 200.4fcd | 50.1fcd | 22.3fcd | 12.5fcd | 8fcd | 5.6fcd | 4.1fcd | 3.1fcd | 2.5fcd | 2fcd | 1.7fcd | 1.4fcd | 1.2fcd | 1fcd | 0.9fcd | 0.8fcd | 0.7fcd | 0.6fcd | 0.6fcd | 0.5fcd |

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° |
|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|
| 2157 | 2148 | 2116 | 2067 | 1999 | 1915 | 1815 | 1700 | 1573 | 1434 | 1290 | 1144 | 1001 | 870 | 749 | 646 | 555 | 477 | 412 | 354 |
| 100% | 100% | 98% | 96% | 93% | 89% | 84% | 79% | 73% | 67% | 60% | 53% | 46% | 40% | 35% | 30% | 26% | 22% | 19% | 16% |

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° |
|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|
| 2157 | 2148 | 2119 | 2069 | 2002 | 1915 | 1809 | 1687 | 1554 | 1414 | 1271 | 1132 | 1002 | 883 | 776 | 681 | 597 | 522 | 456 | 395 |
| 100% | 100% | 98% | 96% | 93% | 89% | 84% | 78% | 72% | 66% | 59% | 53% | 46% | 41% | 36% | 32% | 28% | 24% | 21% | 18% |

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° |
|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|
| 2157 | 2148 | 2116 | 2067 | 1999 | 1915 | 1815 | 1700 | 1573 | 1434 | 1290 | 1144 | 1001 | 870 | 749 | 646 | 555 | 477 | 412 | 354 |
| 100% | 100% | 98% | 96% | 93% | 89% | 84% | 79% | 73% | 67% | 60% | 53% | 46% | 40% | 35% | 30% | 26% | 22% | 19% | 16% |

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° |
|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|
| 2157 | 2148 | 2119 | 2069 | 2002 | 1915 | 1809 | 1687 | 1554 | 1414 | 1271 | 1132 | 1002 | 883 | 776 | 681 | 597 | 522 | 456 | 395 |
| 100% | 100% | 98% | 96% | 93% | 89% | 84% | 78% | 72% | 66% | 59% | 53% | 46% | 41% | 36% | 32% | 28% | 24% | 21% | 18% |

| Beam angle 50% | Field angle 10% | Cutoff angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|-------------------|------------------------------|-----------------------------|
| 45.6° | 89.6° | 131.4° | 89.8% | 80.9% |