

FL200-RGBW40K-OM-80-ELV (GR)

PRODUCT PHOTOMETRIC REPORT



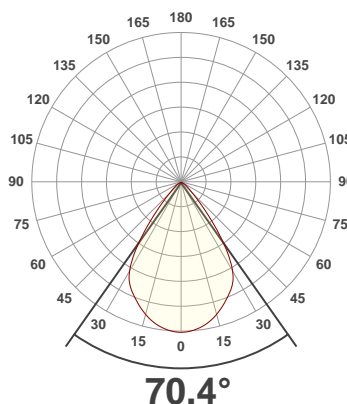
PRODUCT INFORMATION

SERIAL NUMBER: LL-20191015-869

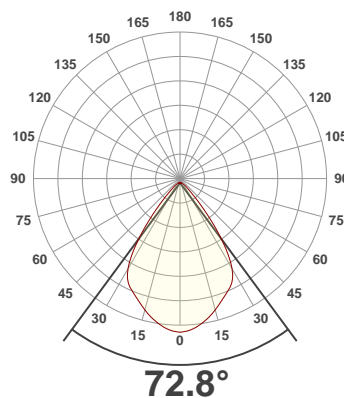
DATE OF MEASUREMENT: 2019-10-15

SIZE (dia. x h): 430 mm x 85 mm

ANGULAR DISTRIBUTION AT C0/180



ANGULAR DISTRIBUTION AT C90/270



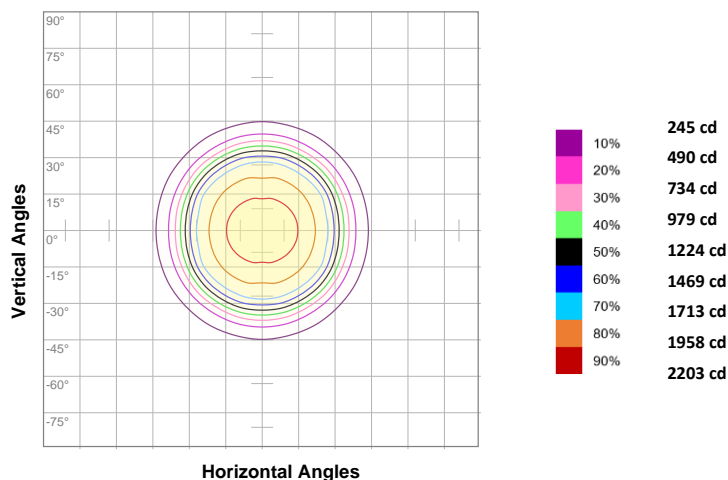
LIGHT OUTPUT DATA

| | |
|------------------------------|---------|
| TOTAL LUMEN OUTPUT: | 3176 lm |
| EFFICACY: | 58 lm/W |
| PEAK INTENSITY: | 2451 cd |
| COLOR RENDERING INDEX (CRI): | 0.0 |
| COLOR TEMPERATURE (CCT): | 0K |
| FIDELITY INDEX (TM30Rf): | 0.0 |
| GAMUT INDEX (TM30Rg): | 0.0 |

BEAM OUTPUT DATA

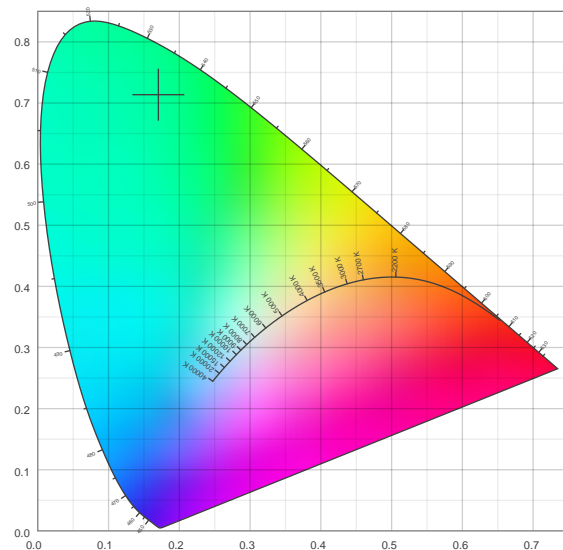
| | |
|------------------------------|-------|
| BEAM ANGLE (FWHM) C0/180: | 70.4° |
| BEAM ANGLE (FWHM) C90/270: | 72.8° |
| FIELD ANGLE (10%) C0/180: | 97.1° |
| FIELD ANGLE (10%) C90/270: | 99.6° |
| NUMBER OF PLANES MEASURED: | 12 |

ISOCANDELA DIAGRAM

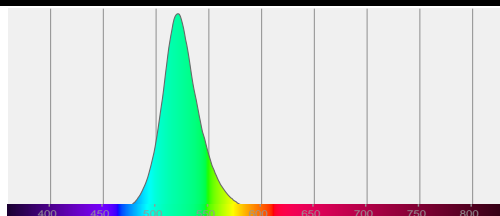


| | |
|----------------------|---------|
| INPUT POWER: | 55.1 W |
| POWER FACTOR: | 1.0 |
| OPTICAL POWER: | 6.60 mW |
| PEAK WAVELENGTH: | 521 nm |
| DOMINANT WAVELENGTH: | 527 nm |

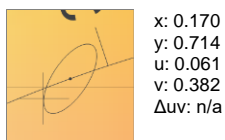
CIE 1931



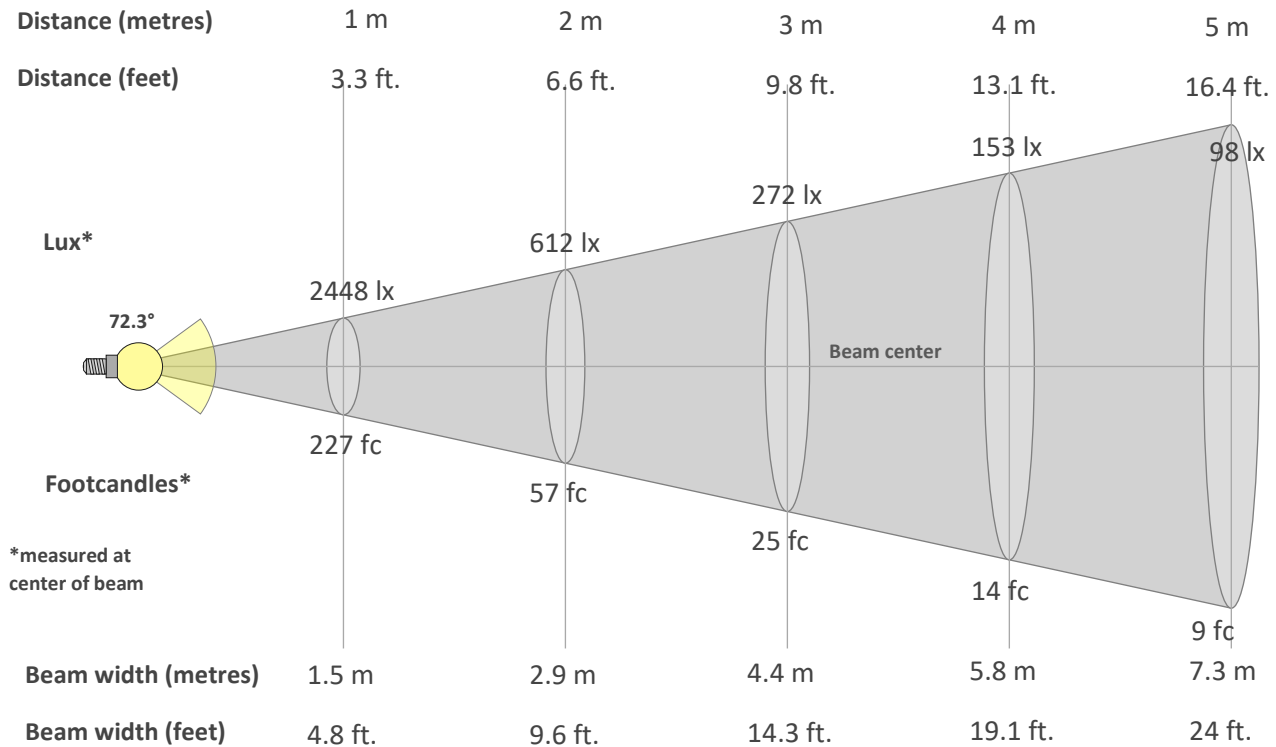
SPECTRAL DISTRIBUTION



CIE 1931 ZOOM



BEAM DETAILS



Beam intensity 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 |
| 2448lx | 612lx | 272lx | 153lx | 98lx | 68lx | 50lx | 38lx | 30lx | 24lx | 20lx | 17lx | 14lx | 12lx | 11lx | 10lx | 8lx | 8lx | 7lx | 6lx |
| 227.4fc | 56.8fc | 25.3fc | 14.2fc | 9.1fc | 6.3fc | 4.6fc | 3.6fc | 2.8fc | 2.3fc | 1.9fc | 1.6fc | 1.3fc | 1.2fc | 1fc | 0.9fc | 0.8fc | 0.7fc | 0.6fc | 0.6fc |

Intensity in 0° c-plane

| 0° | 2° | 4° | 6° | 8° | 10° | 12° | 14° | 16° | 18° | 20° | 22° | 24° | 26° | 28° | 30° | 32° | 34° | 36° | 38° |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|
| 2448 | 2443 | 2431 | 2411 | 2384 | 2351 | 2311 | 2264 | 2211 | 2153 | 2093 | 2030 | 1968 | 1902 | 1817 | 1700 | 1545 | 1354 | 1134 | 915 |
| 100% | 100% | 99% | 99% | 97% | 96% | 94% | 93% | 90% | 88% | 85% | 83% | 80% | 78% | 74% | 69% | 63% | 55% | 46% | 37% |

Intensity in 90° c-plane

| 0° | 2° | 4° | 6° | 8° | 10° | 12° | 14° | 16° | 18° | 20° | 22° | 24° | 26° | 28° | 30° | 32° | 34° | 36° | 38° |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 2448 | 2440 | 2421 | 2392 | 2356 | 2313 | 2268 | 2217 | 2163 | 2108 | 2053 | 2004 | 1957 | 1909 | 1852 | 1770 | 1641 | 1471 | 1269 | 1051 |
| 100% | 100% | 99% | 98% | 96% | 95% | 93% | 91% | 88% | 86% | 84% | 82% | 80% | 78% | 76% | 72% | 67% | 60% | 52% | 43% |

Intensity in 180° c-plane

| 0° | 2° | 4° | 6° | 8° | 10° | 12° | 14° | 16° | 18° | 20° | 22° | 24° | 26° | 28° | 30° | 32° | 34° | 36° | 38° |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|
| 2448 | 2443 | 2431 | 2411 | 2384 | 2351 | 2311 | 2264 | 2211 | 2153 | 2093 | 2030 | 1968 | 1902 | 1817 | 1700 | 1545 | 1354 | 1134 | 915 |
| 100% | 100% | 99% | 99% | 97% | 96% | 94% | 93% | 90% | 88% | 85% | 83% | 80% | 78% | 74% | 69% | 63% | 55% | 46% | 37% |

Intensity in 270° c-plane

| 0° | 2° | 4° | 6° | 8° | 10° | 12° | 14° | 16° | 18° | 20° | 22° | 24° | 26° | 28° | 30° | 32° | 34° | 36° | 38° |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 2448 | 2440 | 2421 | 2392 | 2356 | 2313 | 2268 | 2217 | 2163 | 2108 | 2053 | 2004 | 1957 | 1909 | 1852 | 1770 | 1641 | 1471 | 1269 | 1051 |
| 100% | 100% | 99% | 98% | 96% | 95% | 93% | 91% | 88% | 86% | 84% | 82% | 80% | 78% | 76% | 72% | 67% | 60% | 52% | 43% |