

Light efficiency:

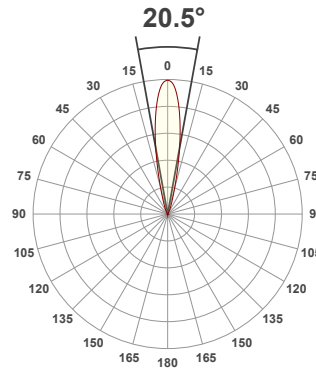
63 Lumen/Watt

Light quality:

CRI: 93.4

Color temperature:

4000 K



Product name:

MX60000_010-FL- LED35_3-TW-4018-NF - 200mA

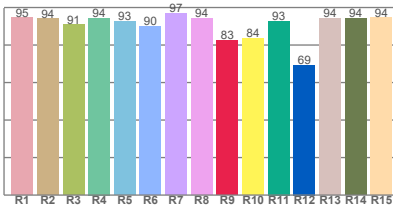
Item number:

MX60000_010-FL- LED35_3-TW-4018-NF - 200mA

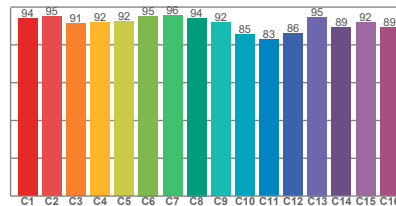
Delivered information for above fixture and LED combination.

Output: 569 Lumen Peak intensity: 3611 cd Power consumption: 9.0

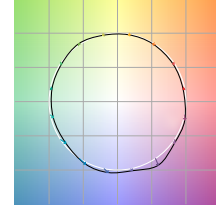
CRI R values



TM30 C Values

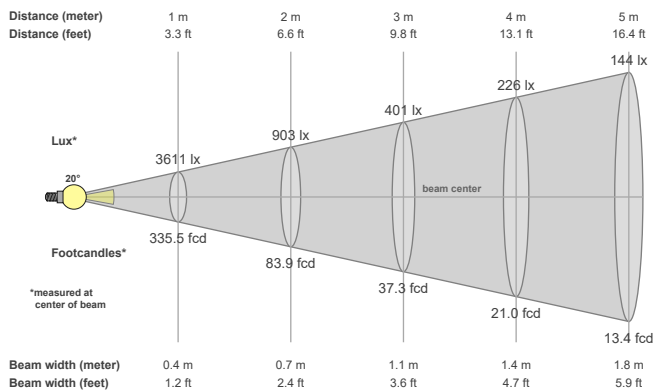


Color vector graphics



| 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 |
| 4000 K | 93.4 | 82.6 | 91.3 | 100.6 | 92.0 | 0.381 | 0.377 | 0.225 | 0.334 | 0.0007 |

Beam details



Beam angels

| Beam angle 50% | Field angle 10% | Cutoff angle 2,5% |
|----------------|-----------------|-------------------|
| 20.5° | 37.5° | 55.2° |

Beam intensities

| Peak intensity | Int. ratio in 120° cone | Int. ratio in 90° cone |
|----------------|-------------------------|------------------------|
| 3611 cd | 99.5% | 98.6% |

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 |
| 3611lx | 903lx | 401lx | 226lx | 144lx | 100lx | 74lx | 56lx | 45lx | 36lx | 30lx | 25lx | 21lx | 18lx | 16lx | 14lx | 12lx | 11lx | 10lx | 9lx |
| 335.5fcd | 83.9fcd | 37.3fcd | 21fcd | 13.4fcd | 9.3fcd | 6.8fcd | 5.2fcd | 4.1fcd | 3.4fcd | 2.8fcd | 2.3fcd | 2fcd | 1.7fcd | 1.5fcd | 1.3fcd | 1.2fcd | 1fcd | 0.9fcd | 0.8fcd |

The above information is for 3000K colour temperature, for specific module information please see LED spec located on our website.

For information regarding other colour temperatures please refer to ies/ldt files available on the website.

Light planning Glare Evaluation According to UGR

| | | | | | | | | | | | |
|---|-----|---|------|------|------|------|---|------|------|------|------|
| p Ceiling | | 70 | 70 | 50 | 50 | 30 | 70 | 70 | 50 | 50 | 30 |
| p Walls | | 50 | 30 | 50 | 30 | 30 | 50 | 30 | 50 | 30 | 30 |
| p Floor | | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| Room size X Y | | Viewing direction at right angles to lamp axis | | | | | Viewing direction parallel to lamp axis | | | | |
| 2H | 2H | 11.8 | 12.2 | 11.8 | 12.3 | 12.5 | 11.8 | 12.2 | 11.8 | 12.3 | 12.5 |
| | 3H | 11.9 | 12.5 | 12.3 | 12.7 | 12.8 | 11.9 | 12.5 | 12.3 | 12.7 | 12.8 |
| | 4H | 11.9 | 12.4 | 12.3 | 12.7 | 12.9 | 11.9 | 12.4 | 12.3 | 12.7 | 12.9 |
| | 6H | 11.9 | 12.4 | 12.2 | 12.7 | 13.0 | 11.9 | 12.4 | 12.2 | 12.7 | 13.0 |
| | 8H | 11.9 | 12.3 | 12.2 | 12.7 | 13.0 | 11.9 | 12.3 | 12.2 | 12.7 | 13.0 |
| | 12H | 11.9 | 12.3 | 12.3 | 12.7 | 13.1 | 11.9 | 12.3 | 12.3 | 12.7 | 13.1 |
| 4H | 2H | 11.8 | 12.4 | 12.2 | 12.6 | 12.8 | 11.8 | 12.4 | 12.2 | 12.6 | 12.8 |
| | 3H | 12.3 | 12.6 | 12.6 | 13.0 | 13.4 | 12.3 | 12.6 | 12.6 | 13.0 | 13.4 |
| | 4H | 12.2 | 12.5 | 12.6 | 13.0 | 13.5 | 12.2 | 12.5 | 12.6 | 13.0 | 13.5 |
| | 6H | 12.1 | 12.6 | 12.6 | 12.9 | 13.2 | 12.1 | 12.6 | 12.6 | 12.9 | 13.2 |
| | 8H | 12.1 | 12.5 | 12.6 | 12.9 | 13.2 | 12.1 | 12.5 | 12.6 | 12.9 | 13.2 |
| | 12H | 12.1 | 12.4 | 12.6 | 12.9 | 13.3 | 12.1 | 12.4 | 12.6 | 12.9 | 13.3 |
| 8H | 4H | 12.1 | 12.5 | 12.6 | 12.8 | 13.2 | 12.1 | 12.5 | 12.6 | 12.8 | 13.2 |
| | 6H | 12.1 | 12.3 | 12.6 | 12.8 | 13.3 | 12.1 | 12.3 | 12.6 | 12.8 | 13.3 |
| | 8H | 12.2 | 12.3 | 12.7 | 12.9 | 13.5 | 12.2 | 12.3 | 12.7 | 12.9 | 13.5 |
| | 12H | 12.2 | 12.4 | 12.8 | 12.9 | 13.5 | 12.2 | 12.4 | 12.8 | 12.9 | 13.5 |
| 12H | 4H | 12.0 | 12.3 | 12.5 | 12.7 | 13.2 | 12.0 | 12.3 | 12.5 | 12.7 | 13.2 |
| | 6H | 12.1 | 12.3 | 12.6 | 12.8 | 13.4 | 12.1 | 12.3 | 12.6 | 12.8 | 13.4 |
| | 8H | 12.1 | 12.3 | 12.7 | 12.8 | 13.4 | 12.1 | 12.3 | 12.7 | 12.8 | 13.4 |
| Variation of the observer position for the luminaire distance S | | | | | | | | | | | |
| S = 1.0H | | 3.2 / -1.5 | | | | | 3.2 / -1.5 | | | | |
| S = 1.5H | | 5.4 / -1.7 | | | | | 5.4 / -1.7 | | | | |
| S = 2.0H | | 7.1 / -3.6 | | | | | 7.1 / -3.6 | | | | |
| Corrected glare indices referring to 569 lm total luminous flux | | | | | | | | | | | |