

Light efficiency:

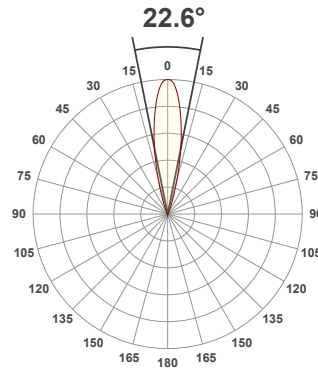
97 Lumen/Watt

Light quality:

CRI: 95.2

Color temperature:

3049 K



Product name:

MX60000_010-FL- LED35_Q-HO-30-MF - 250mA

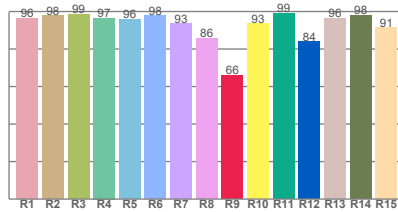
Item number:

Mix60 Flare Fixed/Accent - LED35/Q-HO-30-MF - 250mA

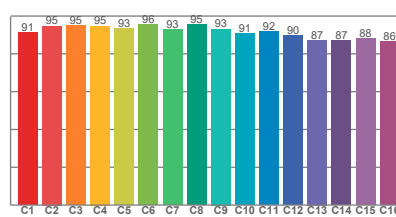
Delivered information for above fixture and LED combination.

Output: 969 Lumen Peak intensity: 5422 cd Power consumption: 10.0

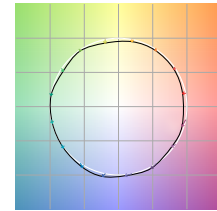
CRI R values



TM30 C Values

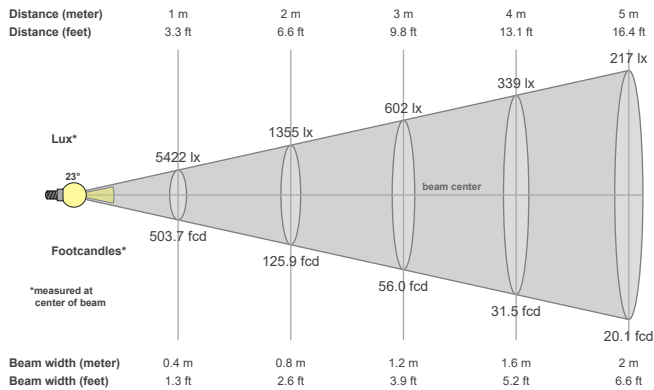


Color vector graphics



| 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 |
| 3049 K | 95.2 | 66.0 | 92.0 | 97.4 | 92.8 | 0.437 | 0.410 | 0.248 | 0.349 | 0.0025 |

Beam details



Beam angels

| Beam angle 50% | Field angle 10% | Cutoff angle 2,5% |
|----------------|-----------------|-------------------|
| 22.6° | 39.3° | 52.8° |

Beam intensities

| Peak intensity | Int. ratio in 120° cone | Int. ratio in 90° cone |
|----------------|-------------------------|------------------------|
| 5422 cd | 98.0% | 96.8% |

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 |
| 5422lx | 1355lx | 602lx | 339lx | 217lx | 151lx | 111lx | 85lx | 67lx | 54lx | 45lx | 38lx | 32lx | 28lx | 24lx | 21lx | 19lx | 17lx | 15lx | 14lx |
| 503.7fcd | 125.9fcd | 56fcd | 31.5fcd | 20.1fcd | 14fcd | 10.3fcd | 7.9fcd | 6.2fcd | 5fcd | 4.2fcd | 3.5fcd | 3fcd | 2.6fcd | 2.2fcd | 2fcd | 1.7fcd | 1.6fcd | 1.4fcd | 1.3fcd |

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 | 14.5 | 14.9 | 14.5 | 15.1 | 15.2 | 14.5 | 14.9 | 14.5 | 15.1 | 15.2 |
| | 3H | 15.3 | 15.9 | 15.7 | 16.1 | 16.2 | 15.3 | 15.9 | 15.7 | 16.1 | 16.2 |
| | 4H | 15.9 | 16.4 | 16.3 | 16.6 | 16.9 | 15.9 | 16.4 | 16.3 | 16.6 | 16.9 |
| | 6H | 16.7 | 17.1 | 17.0 | 17.4 | 17.8 | 16.7 | 17.1 | 17.0 | 17.4 | 17.8 |
| | 8H | 17.2 | 17.6 | 17.5 | 17.9 | 18.3 | 17.2 | 17.6 | 17.5 | 17.9 | 18.3 |
| | 12H | 17.8 | 18.2 | 18.2 | 18.6 | 19.0 | 17.8 | 18.2 | 18.2 | 18.6 | 19.0 |
| 4H | 2H | 14.7 | 15.3 | 15.1 | 15.5 | 15.7 | 14.7 | 15.3 | 15.1 | 15.5 | 15.7 |
| | 3H | 16.0 | 16.4 | 16.4 | 16.8 | 17.2 | 16.0 | 16.4 | 16.4 | 16.8 | 17.2 |
| | 4H | 16.7 | 17.1 | 17.1 | 17.5 | 18.0 | 16.7 | 17.1 | 17.1 | 17.5 | 18.0 |
| | 6H | 17.6 | 18.1 | 18.1 | 18.4 | 18.8 | 17.6 | 18.1 | 18.1 | 18.4 | 18.8 |
| | 8H | 18.3 | 18.7 | 18.8 | 19.0 | 19.4 | 18.3 | 18.7 | 18.8 | 19.0 | 19.4 |
| | 12H | 19.1 | 19.4 | 19.6 | 19.8 | 20.2 | 19.1 | 19.4 | 19.6 | 19.8 | 20.2 |
| 8H | 4H | 17.0 | 17.4 | 17.5 | 17.7 | 18.1 | 17.0 | 17.4 | 17.5 | 17.7 | 18.1 |
| | 6H | 18.3 | 18.5 | 18.8 | 19.0 | 19.5 | 18.3 | 18.5 | 18.8 | 19.0 | 19.5 |
| | 8H | 19.1 | 19.3 | 19.6 | 19.9 | 20.5 | 19.1 | 19.3 | 19.6 | 19.9 | 20.5 |
| | 12H | 20.2 | 20.4 | 20.8 | 20.9 | 21.5 | 20.2 | 20.4 | 20.8 | 20.9 | 21.5 |
| 12H | 4H | 17.0 | 17.4 | 17.5 | 17.8 | 18.2 | 17.0 | 17.4 | 17.5 | 17.8 | 18.2 |
| | 6H | 18.5 | 18.7 | 19.0 | 19.2 | 19.8 | 18.5 | 18.7 | 19.0 | 19.2 | 19.8 |
| | 8H | 19.4 | 19.6 | 20.0 | 20.1 | 20.7 | 19.4 | 19.6 | 20.0 | 20.1 | 20.7 |
| Variation of the observer position for the luminaire distance S | | | | | | | | | | | |
| S = 1.0H | | 0.3 / -0.2 | | | | | 0.3 / -0.2 | | | | |
| S = 1.5H | | 0.8 / -0.2 | | | | | 0.8 / -0.2 | | | | |
| S = 2.0H | | 1.3 / -0.4 | | | | | 1.3 / -0.4 | | | | |
| Corrected glare indices referring to 969 lm total luminous flux | | | | | | | | | | | |