

Light efficiency:

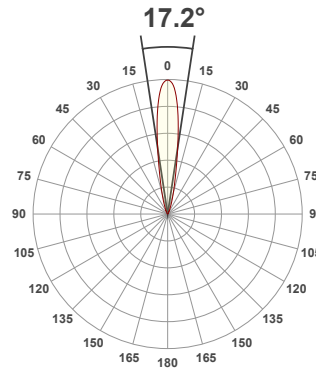
94 Lumen/Watt

Light quality:

CRI: 95.3

Color temperature:

2957 K



Product name:

550_553-LED - LED35_Q-HO-30-NF - 250mA

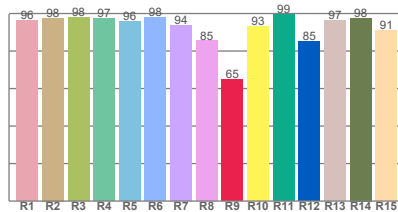
Item number:

Flare55 Fixed_Accent - LED35_Q-HO-30-NF - 250mA

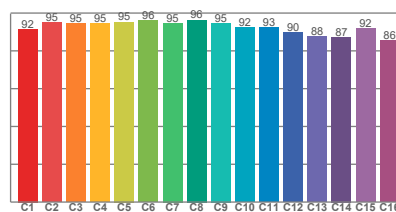
Delivered information for above fixture and LED combination.

Output: 939 Lumen Peak intensity: 6694 cd Power consumption: 10.0

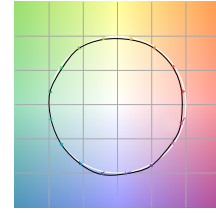
CRI R values



TM30 C Values

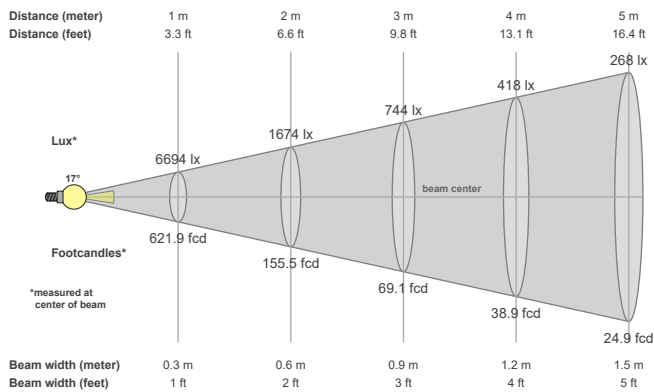


Color vector graphics



| 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 |
| 2957 K | 95.3 | 65.0 | 92.6 | 97.9 | 92.8 | 0.444 | 0.412 | 0.251 | 0.350 | 0.0023 |

Beam details



Beam angels

| Beam angle 50% | Field angle 10% | Cutoff angle 2,5% |
|----------------|-----------------|-------------------|
| 17.2° | 36.1° | 54° |

Beam intensities

| Peak intensity | Int. ratio in 120° cone | Int. ratio in 90° cone |
|----------------|-------------------------|------------------------|
| 6694 cd | 99.0% | 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 |
| 6694lx | 1674lx | 744lx | 418lx | 268lx | 186lx | 137lx | 105lx | 83lx | 67lx | 55lx | 46lx | 40lx | 34lx | 30lx | 26lx | 23lx | 21lx | 19lx | 17lx |
| 621.9fcd | 155.5fcd | 69.1fcd | 38.9fcd | 24.9fcd | 17.3fcd | 12.7fcd | 9.7fcd | 7.7fcd | 6.2fcd | 5.1fcd | 4.3fcd | 3.7fcd | 3.2fcd | 2.8fcd | 2.4fcd | 2.2fcd | 1.9fcd | 1.7fcd | 1.6fcd |

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 | 16.3 | 16.7 | 16.3 | 16.9 | 17.0 | 16.3 | 16.7 | 16.3 | 16.9 | 17.0 |
| | 3H | 16.2 | 16.8 | 16.6 | 17.0 | 17.1 | 16.2 | 16.8 | 16.6 | 17.0 | 17.1 |
| | 4H | 16.2 | 16.8 | 16.6 | 17.0 | 17.2 | 16.2 | 16.8 | 16.6 | 17.0 | 17.2 |
| | 6H | 16.3 | 16.7 | 16.6 | 17.0 | 17.4 | 16.3 | 16.7 | 16.6 | 17.0 | 17.4 |
| | 8H | 16.3 | 16.7 | 16.6 | 17.0 | 17.4 | 16.3 | 16.7 | 16.6 | 17.0 | 17.4 |
| | 12H | 16.2 | 16.7 | 16.6 | 17.0 | 17.4 | 16.2 | 16.7 | 16.6 | 17.0 | 17.4 |
| 4H | 2H | 16.1 | 16.7 | 16.5 | 16.9 | 17.1 | 16.1 | 16.7 | 16.5 | 16.9 | 17.1 |
| | 3H | 16.4 | 16.8 | 16.7 | 17.1 | 17.6 | 16.4 | 16.8 | 16.7 | 17.1 | 17.6 |
| | 4H | 16.3 | 16.7 | 16.7 | 17.2 | 17.7 | 16.3 | 16.7 | 16.7 | 17.2 | 17.7 |
| | 6H | 16.3 | 16.8 | 16.8 | 17.1 | 17.5 | 16.3 | 16.8 | 16.8 | 17.1 | 17.5 |
| | 8H | 16.3 | 16.8 | 16.8 | 17.1 | 17.4 | 16.3 | 16.8 | 16.8 | 17.1 | 17.4 |
| | 12H | 16.3 | 16.7 | 16.8 | 17.1 | 17.5 | 16.3 | 16.7 | 16.8 | 17.1 | 17.5 |
| 8H | 4H | 16.2 | 16.7 | 16.8 | 17.0 | 17.4 | 16.2 | 16.7 | 16.8 | 17.0 | 17.4 |
| | 6H | 16.3 | 16.6 | 16.8 | 17.0 | 17.6 | 16.3 | 16.6 | 16.8 | 17.0 | 17.6 |
| | 8H | 16.4 | 16.6 | 16.9 | 17.1 | 17.7 | 16.4 | 16.6 | 16.9 | 17.1 | 17.7 |
| | 12H | 16.4 | 16.6 | 17.0 | 17.1 | 17.7 | 16.4 | 16.6 | 17.0 | 17.1 | 17.7 |
| 12H | 4H | 16.2 | 16.5 | 16.7 | 16.9 | 17.4 | 16.2 | 16.5 | 16.7 | 16.9 | 17.4 |
| | 6H | 16.3 | 16.5 | 16.8 | 17.0 | 17.7 | 16.3 | 16.5 | 16.8 | 17.0 | 17.7 |
| | 8H | 16.3 | 16.5 | 16.9 | 17.0 | 17.6 | 16.3 | 16.5 | 16.9 | 17.0 | 17.6 |
| Variation of the observer position for the luminaire distance S | | | | | | | | | | | |
| S = 1.0H | | 2.1 / -1.5 | | | | | 2.1 / -1.5 | | | | |
| S = 1.5H | | 4.0 / -2.9 | | | | | 4.0 / -2.9 | | | | |
| S = 2.0H | | 5.6 / -4.1 | | | | | 5.6 / -4.1 | | | | |
| Corrected glare indices referring to 939 lm total luminous flux | | | | | | | | | | | |