lucent®

**Light efficiency:**

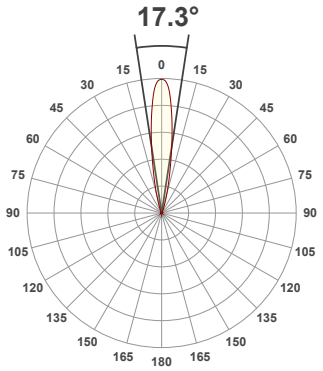
**102 Lumen/Watt**

**Light quality:**

**CRI: 94.5**

**Color temperature:**

**3000 K**




**Product name:**

**200_2-LED - LED51_Q-HE-30-NF-SF - 200mA**

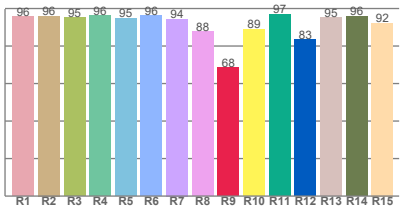
**Item number:**

**Axis Mini - LED51/Q-HE-30-NF-SF - 200mA**

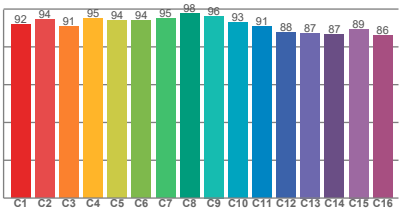
**Delivered information for above fixture and LED combination.**

**Output: 814 Lumen  Peak intensity: 6403 cd  Power consumption: 8.0**

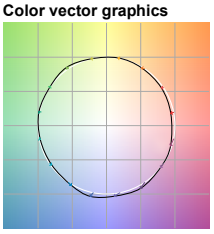
**CRI R values**




**TM30 C Values**

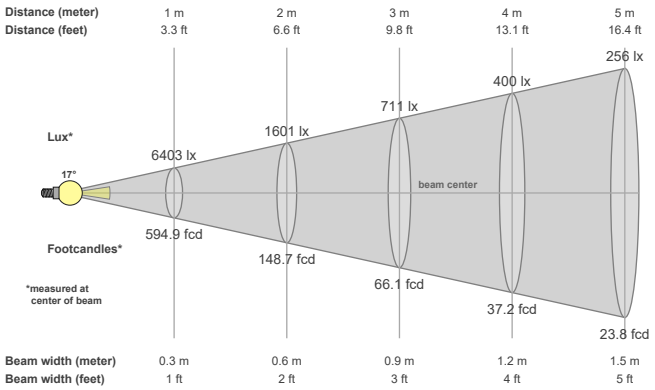



**Color vector graphics**



| 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 diviation from black body |
|---|---|---|---|---|---|---|---|---|---|---|
| CCT | CRI | CRI R9 | TM30 Rf | TM30 Rg | CQS | x | y | u | v | Δuv |
| 3000 K | 94.5 | 68.4 | 92.2 | 100.5 | 92.3 | 0.437 | 0.404 | 0.251 | 0.348 | 0.0010 |

**Beam details**




**Beam angels**

| Beam angle 50% | Field angle 10% | Cutoff angle 2,5% |
|---|---|---|
| 17.3° | 33.7° | 47.9° |

**Beam intensities**

| Peak intensity | Int. ratio in 120° cone | Int. ratio in 90° cone |
|---|---|---|
| 6403 cd | 99.1% | 97.6% |

**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 |
| 6403lx | 1601lx | 711lx | 400lx | 256lx | 178lx | 131lx | 100lx | 79lx | 64lx | 53lx | 44lx | 38lx | 33lx | 28lx | 25lx | 22lx | 20lx | 18lx | 16lx |
| 594.9fcd | 148.7fcd | 66.1fcd | 37.2fcd | 23.8fcd | 16.5fcd | 12.1fcd | 9.3fcd | 7.3fcd | 5.9fcd | 4.9fcd | 4.1fcd | 3.5fcd | 3fcd | 2.6fcd | 2.3fcd | 2.1fcd | 1.8fcd | 1.6fcd | 1.5fcd |

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 | 13.1 | 13.4 | 13.1 | 13.6 | 13.8 | 13.1 | 13.4 | 13.1 | 13.6 | 13.8 |
| | 3H | 13.2 | 13.7 | 13.6 | 13.9 | 14.1 | 13.2 | 13.7 | 13.6 | 13.9 | 14.1 |
| | 4H | 13.5 | 14.0 | 13.9 | 14.3 | 14.5 | 13.5 | 14.0 | 13.9 | 14.3 | 14.5 |
| | 6H | 13.8 | 14.2 | 14.1 | 14.5 | 14.9 | 13.8 | 14.2 | 14.1 | 14.5 | 14.9 |
| | 8H | 14.0 | 14.4 | 14.4 | 14.8 | 15.2 | 14.0 | 14.4 | 14.4 | 14.8 | 15.2 |
| | 12H | 14.5 | 14.9 | 14.9 | 15.3 | 15.7 | 14.5 | 14.9 | 14.9 | 15.3 | 15.7 |
| 4H | 2H | 12.9 | 13.4 | 13.3 | 13.7 | 13.9 | 12.9 | 13.4 | 13.3 | 13.7 | 13.9 |
| | 3H | 13.5 | 13.9 | 13.8 | 14.2 | 14.6 | 13.5 | 13.9 | 13.8 | 14.2 | 14.6 |
| | 4H | 13.8 | 14.2 | 14.3 | 14.7 | 15.2 | 13.8 | 14.2 | 14.3 | 14.7 | 15.2 |
| | 6H | 14.2 | 14.6 | 14.7 | 14.9 | 15.3 | 14.2 | 14.6 | 14.7 | 14.9 | 15.3 |
| | 8H | 14.6 | 15.0 | 15.1 | 15.3 | 15.7 | 14.6 | 15.0 | 15.1 | 15.3 | 15.7 |
| | 12H | 15.3 | 15.6 | 15.8 | 16.0 | 16.5 | 15.3 | 15.6 | 15.8 | 16.0 | 16.5 |
| 8H | 4H | 13.9 | 14.4 | 14.5 | 14.7 | 15.0 | 13.9 | 14.4 | 14.5 | 14.7 | 15.0 |
| | 6H | 14.5 | 14.7 | 15.0 | 15.2 | 15.7 | 14.5 | 14.7 | 15.0 | 15.2 | 15.7 |
| | 8H | 15.2 | 15.3 | 15.7 | 15.9 | 16.5 | 15.2 | 15.3 | 15.7 | 15.9 | 16.5 |
| | 12H | 16.2 | 16.3 | 16.8 | 16.8 | 17.4 | 16.2 | 16.3 | 16.8 | 16.8 | 17.4 |
| 12H | 4H | 13.9 | 14.2 | 14.4 | 14.6 | 15.1 | 13.9 | 14.2 | 14.4 | 14.6 | 15.1 |
| | 6H | 14.6 | 14.8 | 15.1 | 15.3 | 15.9 | 14.6 | 14.8 | 15.1 | 15.3 | 15.9 |
| | 8H | 15.4 | 15.5 | 15.9 | 16.0 | 16.6 | 15.4 | 15.5 | 15.9 | 16.0 | 16.6 |
| Variation of the observer position for the luminaire distance S | | | | | | | | | | | |
| S = 1.0H | | 0.8 / -0.5 | | | | | 0.8 / -0.5 | | | | |
| S = 1.5H | | 1.9 / -0.7 | | | | | 1.9 / -0.7 | | | | |
| S = 2.0H | | 3.1 / -1.1 | | | | | 3.1 / -1.1 | | | | |
| Corrected glare indices referring to 814 lm total luminous flux | | | | | | | | | | | |