

## Light efficiency:

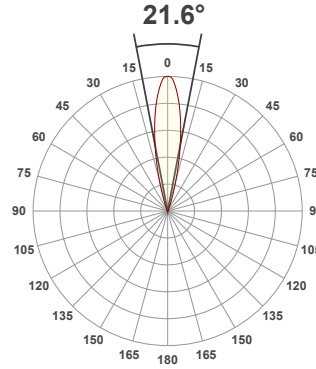
**83 Lumen/Watt**

## Light quality:

**CRI: 94.9**

## Color temperature:

**3005 K**



## Product name:

**61433-F\_A-LED - LED35\_Q-HO-30-MF - 250mA**

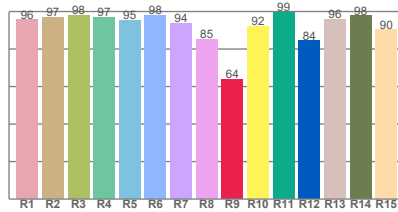
## Item number:

**Square Edge60 Fixed/Accent - LED35/Q-HO-30-MF - 250mA**

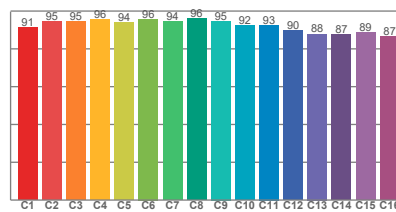
**Delivered information for above fixture and LED combination.**

**Output: 829 Lumen Peak intensity: 5224 cd Power consumption: 10.0**

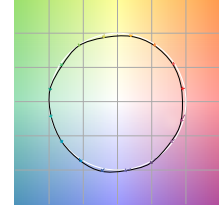
## CRI R values



## TM30 C Values

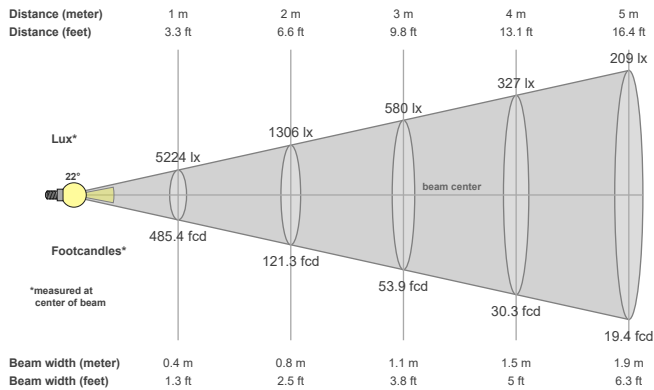


## Color vector graphics



| 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                             |
| 3005 K            | 94.9                  | 63.7          | 92.6           | 97.6        | 92.5                | 0.442                     | 0.414                     | 0.249            | 0.351            | 0.0032                          |

## Beam details



## Beam angels

| Beam angle 50% | Field angle 10% | Cutoff angle 2,5% |
|----------------|-----------------|-------------------|
| 21.6°          | 37.3°           | 49.1°             |

## Beam intensities

| Peak intensity | Int. ratio in 120° cone | Int. ratio in 90° cone |
|----------------|-------------------------|------------------------|
| 5224 cd        | 98.7%                   | 98.2%                  |

## 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 |
| 5224lx   | 1306lx   | 580lx   | 327lx   | 209lx   | 145lx   | 107lx  | 82lx   | 64lx   | 52lx   | 43lx   | 36lx   | 31lx   | 27lx   | 23lx   | 20lx   | 18lx   | 16lx   | 14lx   | 13lx   |
| 485.4fcd | 121.3fcd | 53.9fcd | 30.3fcd | 19.4fcd | 13.5fcd | 9.9fcd | 7.6fcd | 6fcd   | 4.9fcd | 4fcd   | 3.4fcd | 2.9fcd | 2.5fcd | 2.2fcd | 1.9fcd | 1.7fcd | 1.5fcd | 1.3fcd | 1.2fcd |

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<br>X      Y   |     | Viewing direction at right angles to<br>lamp axis |      |      |      |      | Viewing direction parallel to lamp axis |      |      |      |      |
| 2H  | 2H  | 9.3   | 9.6  | 9.3  | 9.8  | 10.0 | 9.3                                     | 9.6  | 9.3  | 9.8  | 10.0 |
|   | 3H  | 10.0  | 10.5 | 10.3 | 10.7 | 10.8 | 10.0                                    | 10.5 | 10.3 | 10.7 | 10.8 |
|   | 4H  | 10.8  | 11.3 | 11.2 | 11.5 | 11.7 | 10.8                                    | 11.3 | 11.2 | 11.5 | 11.7 |
|   | 6H  | 12.3  | 12.7 | 12.6 | 13.0 | 13.4 | 12.3                                    | 12.7 | 12.6 | 13.0 | 13.4 |
|   | 8H  | 13.1  | 13.5 | 13.4 | 13.8 | 14.2 | 13.1                                    | 13.5 | 13.4 | 13.8 | 14.2 |
|   | 12H | 14.0  | 14.3 | 14.3 | 14.7 | 15.1 | 14.0                                    | 14.3 | 14.3 | 14.7 | 15.1 |
| 4H  | 2H  | 9.2   | 9.7  | 9.6  | 10.0 | 10.2 | 9.2                                     | 9.7  | 9.6  | 10.0 | 10.2 |
|   | 3H  | 10.5  | 10.9 | 10.9 | 11.3 | 11.7 | 10.5                                    | 10.9 | 10.9 | 11.3 | 11.7 |
|   | 4H  | 11.6  | 12.0 | 12.0 | 12.4 | 12.9 | 11.6                                    | 12.0 | 12.0 | 12.4 | 12.9 |
|   | 6H  | 13.5  | 13.9 | 14.0 | 14.2 | 14.6 | 13.5                                    | 13.9 | 14.0 | 14.2 | 14.6 |
|   | 8H  | 14.4  | 14.8 | 14.9 | 15.1 | 15.5 | 14.4                                    | 14.8 | 14.9 | 15.1 | 15.5 |
|   | 12H | 15.4  | 15.7 | 15.9 | 16.1 | 16.6 | 15.4                                    | 15.7 | 15.9 | 16.1 | 16.6 |
| 8H  | 4H  | 12.2  | 12.6 | 12.7 | 13.0 | 13.3 | 12.2                                    | 12.6 | 12.7 | 13.0 | 13.3 |
|   | 6H  | 14.4  | 14.7 | 14.9 | 15.1 | 15.6 | 14.4                                    | 14.7 | 14.9 | 15.1 | 15.6 |
|   | 8H  | 15.6  | 15.7 | 16.1 | 16.2 | 16.9 | 15.6                                    | 15.7 | 16.1 | 16.2 | 16.9 |
|   | 12H | 16.8  | 16.9 | 17.4 | 17.4 | 18.0 | 16.8                                    | 16.9 | 17.4 | 17.4 | 18.0 |
| 12H   | 4H  | 12.4  | 12.7 | 12.9 | 13.1 | 13.5 | 12.4                                    | 12.7 | 12.9 | 13.1 | 13.5 |
|   | 6H  | 14.7  | 14.9 | 15.2 | 15.4 | 16.0 | 14.7                                    | 14.9 | 15.2 | 15.4 | 16.0 |
|   | 8H  | 15.9  | 16.1 | 16.5 | 16.6 | 17.2 | 15.9                                    | 16.1 | 16.5 | 16.6 | 17.2 |
| Variation of the observer position for the luminaire distance S |     |   |      |      |      |      |   |      |      |      |      |
| S = 1.0H  |     | 0.4 / -0.2  |      |      |      |      | 0.4 / -0.2                              |      |      |      |      |
| S = 1.5H  |     | 1.0 / -0.2  |      |      |      |      | 1.0 / -0.2                              |      |      |      |      |
| S = 2.0H  |     | 1.6 / -0.4  |      |      |      |      | 1.6 / -0.4                              |      |      |      |      |
| Corrected glare indices referring to 829 lm total luminous flux |     |   |      |      |      |      |   |      |      |      |      |