

## Light efficiency:

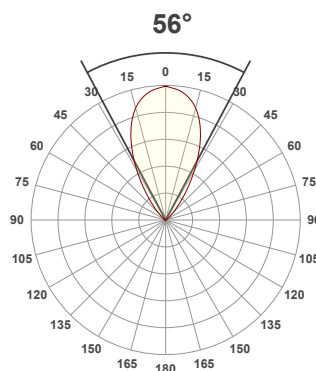
**66 Lumen/Watt**

## Light quality:

**CRI: 93.9**

## Color temperature:

**6500 K**



## Product name:

**930\_933-FL-LED - LED51\_3-TW-6527-WFL - 350mA**

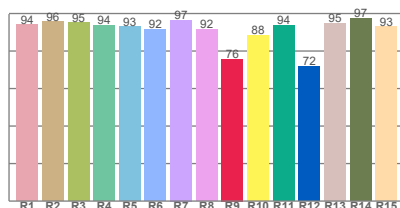
## Item number:

**Flare90 Fixed/Accent - LED51/3-TW-6527-WFL - 350mA**

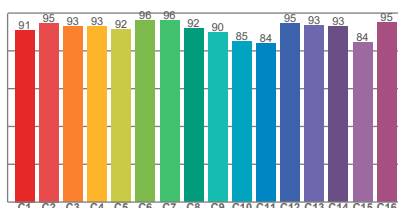
**Delivered information for above fixture and LED combination.**

**Output: 1018 Lumen    Peak intensity: 1169 cd    Power consumption: 15.4**

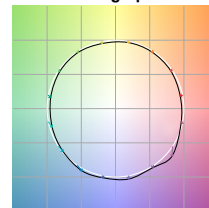
## CRI R values



## TM30 C Values

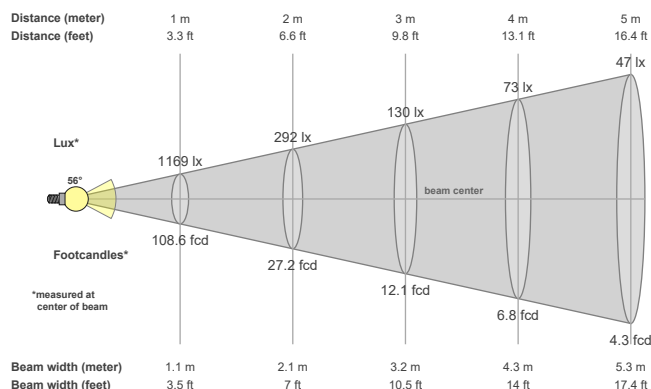


## Color vector graphics



| 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                             |
| 6500 K            | 93.9                  | 75.8          | 91.4           | 98.7        | 92.1                | 0.314                     | 0.324                     | 0.200            | 0.310            | 0.0034                          |

## Beam details



## Beam angels

| Beam angle 50% | Field angle 10% | Cutoff angle 2,5% |
|----------------|-----------------|-------------------|
| 56°            | 87°             | 106.5°            |

## Beam intensities

| Peak intensity | Int. ratio in 120° cone | Int. ratio in 90° cone |
|----------------|-------------------------|------------------------|
| 1169 cd        | 99.1%                   | 94.3%                  |

## 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 |
| 1169lx   | 292lx   | 130lx   | 73lx   | 47lx   | 32lx   | 24lx   | 18lx   | 14lx   | 12lx   | 10lx   | 8lx    | 7lx    | 6lx    | 5lx    | 5lx    | 4lx    | 4lx    | 3lx    | 3lx    |
| 108.6fcd | 27.2fcd | 12.1fcd | 6.8fcd | 4.3fcd | 3fcd   | 2.2fcd | 1.7fcd | 1.3fcd | 1.1fcd | 0.9fcd | 0.8fcd | 0.6fcd | 0.6fcd | 0.5fcd | 0.4fcd | 0.4fcd | 0.3fcd | 0.3fcd | 0.3fcd |

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<br>X      Y  |     | Viewing direction at right angles to<br>lamp axis |      |      |      |      | Viewing direction parallel to lamp axis |      |      |      |      |
| 2H   | 2H  | 23.4  | 24.0 | 23.5 | 24.3 | 24.5 | 23.4                                    | 24.0 | 23.5 | 24.3 | 24.5 |
|  | 3H  | 23.1  | 23.9 | 23.5 | 24.1 | 24.3 | 23.1                                    | 23.9 | 23.5 | 24.1 | 24.3 |
|  | 4H  | 23.1  | 23.8 | 23.5 | 24.1 | 24.3 | 23.1                                    | 23.8 | 23.5 | 24.1 | 24.3 |
|  | 6H  | 23.1  | 23.7 | 23.4 | 24.0 | 24.3 | 23.1                                    | 23.7 | 23.4 | 24.0 | 24.3 |
|  | 8H  | 23.0  | 23.6 | 23.3 | 23.9 | 24.3 | 23.0                                    | 23.6 | 23.3 | 23.9 | 24.3 |
|  | 12H | 23.0  | 23.6 | 23.3 | 23.9 | 24.3 | 23.0                                    | 23.6 | 23.3 | 23.9 | 24.3 |
| 4H   | 2H  | 23.0  | 23.8 | 23.4 | 24.0 | 24.3 | 23.0                                    | 23.8 | 23.4 | 24.0 | 24.3 |
|  | 3H  | 23.0  | 23.6 | 23.4 | 24.0 | 24.4 | 23.0                                    | 23.6 | 23.4 | 24.0 | 24.4 |
|  | 4H  | 22.9  | 23.4 | 23.3 | 23.9 | 24.4 | 22.9                                    | 23.4 | 23.3 | 23.9 | 24.4 |
|  | 6H  | 22.8  | 23.4 | 23.3 | 23.7 | 24.1 | 22.8                                    | 23.4 | 23.3 | 23.7 | 24.1 |
|  | 8H  | 22.8  | 23.3 | 23.3 | 23.6 | 24.0 | 22.8                                    | 23.3 | 23.3 | 23.6 | 24.0 |
|  | 12H | 22.7  | 23.1 | 23.2 | 23.5 | 24.0 | 22.7                                    | 23.1 | 23.2 | 23.5 | 24.0 |
| 8H   | 4H  | 22.8  | 23.3 | 23.3 | 23.6 | 24.0 | 22.8                                    | 23.3 | 23.3 | 23.6 | 24.0 |
|  | 6H  | 22.7  | 23.1 | 23.2 | 23.5 | 24.1 | 22.7                                    | 23.1 | 23.2 | 23.5 | 24.1 |
|  | 8H  | 22.7  | 23.0 | 23.2 | 23.5 | 24.1 | 22.7                                    | 23.0 | 23.2 | 23.5 | 24.1 |
|  | 12H | 22.6  | 22.9 | 23.2 | 23.4 | 24.0 | 22.6                                    | 22.9 | 23.2 | 23.4 | 24.0 |
| 12H  | 4H  | 22.7  | 23.1 | 23.2 | 23.5 | 24.0 | 22.7                                    | 23.1 | 23.2 | 23.5 | 24.0 |
|  | 6H  | 22.7  | 23.0 | 23.2 | 23.5 | 24.1 | 22.7                                    | 23.0 | 23.2 | 23.5 | 24.1 |
|  | 8H  | 22.6  | 22.9 | 23.2 | 23.4 | 24.0 | 22.6                                    | 22.9 | 23.2 | 23.4 | 24.0 |
| Variation of the observer position for the luminaire distance S  |     |   |      |      |      |      |   |      |      |      |      |
| S = 1.0H   |     | 4.0 / -6.8  |      |      |      |      | 4.0 / -6.8                              |      |      |      |      |
| S = 1.5H   |     | 6.5 / -9.9  |      |      |      |      | 6.5 / -9.9                              |      |      |      |      |
| S = 2.0H   |     | 8.4 / -10.5                                       |      |      |      |      | 8.4 / -10.5                             |      |      |      |      |
| Corrected glare indices referring to 1018 lm total luminous flux |     |   |      |      |      |      |   |      |      |      |      |