

Эффективность света:

**128 Lumen/Watt**

Качество света:

**CRI: 85,7**

Цветовая температура:

**4069 K**

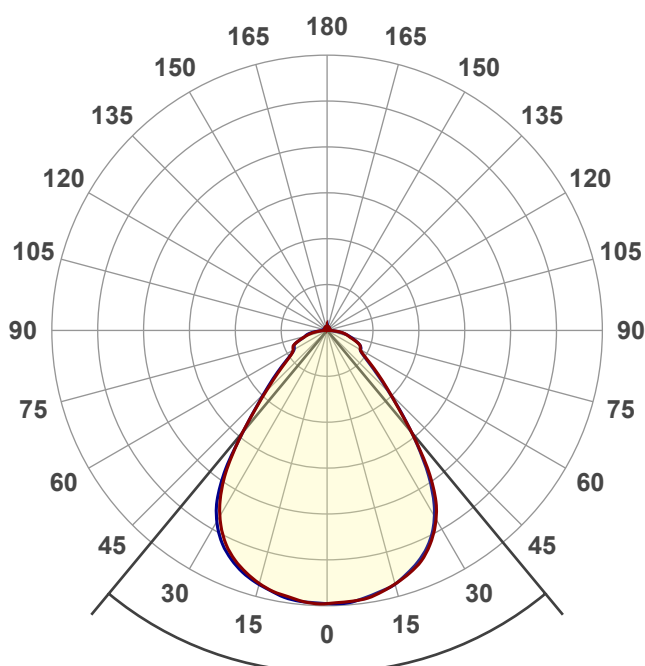
**Поток: 5912 lm**

**Интенс.: 2994 cd**

**Мощн.: 46,3 W**

**КПД: 0,92**

4 PLANES



Угол пучка

**79,3°**

Цвет

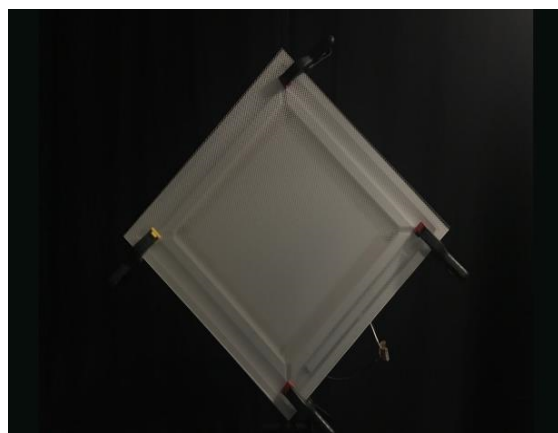
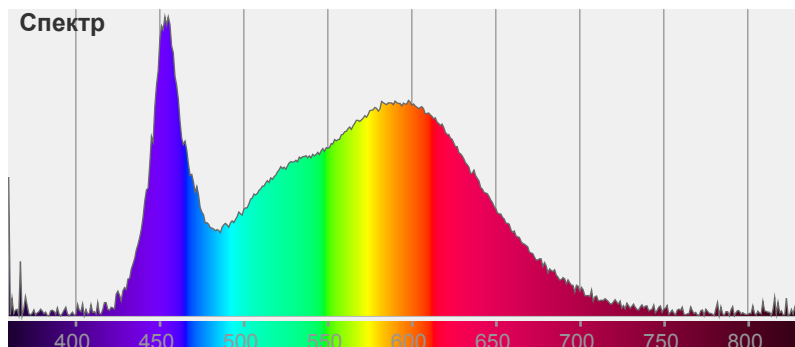


CIE1931

x: 0,363

y: 0,356

Спектр



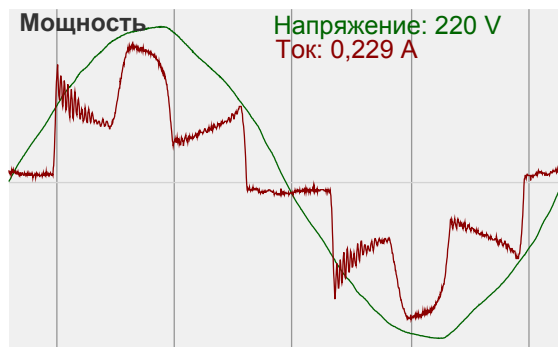
Название продукта:

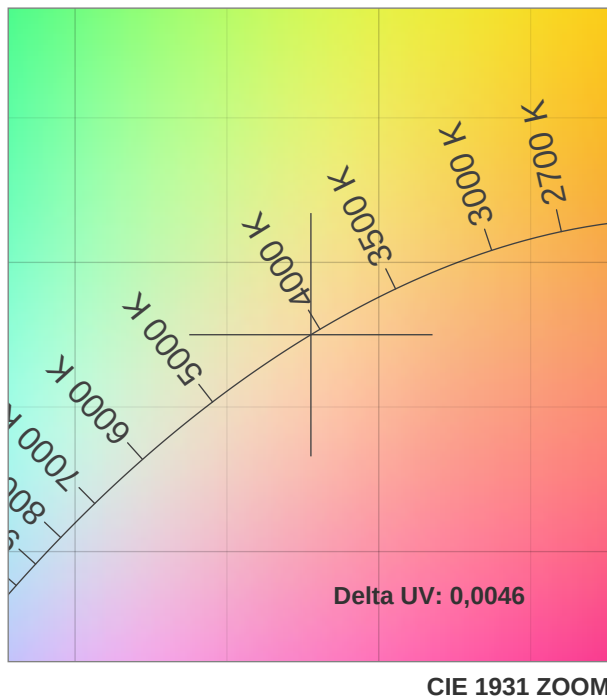
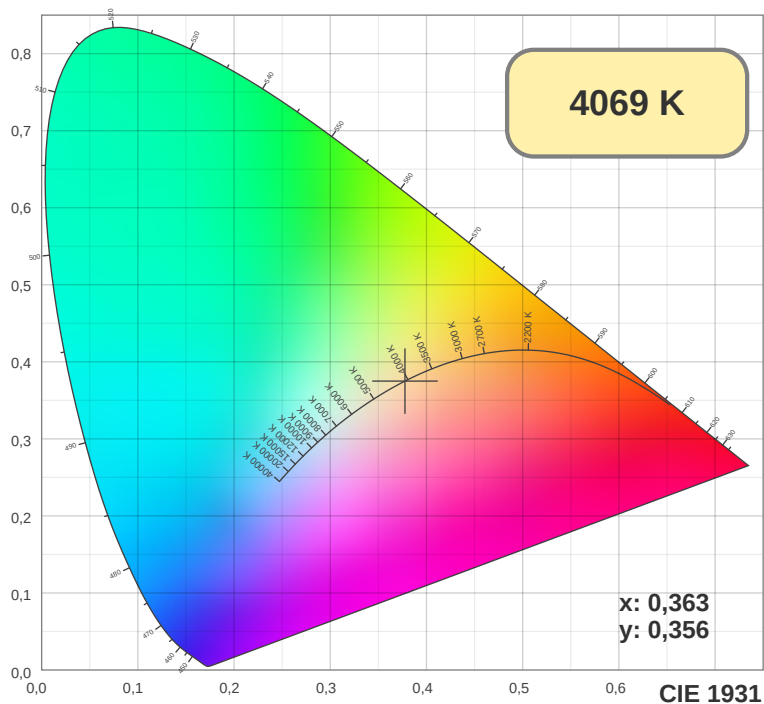
**ViLED CC**

**01-Y-C-48-590.590.15-4-0-65**

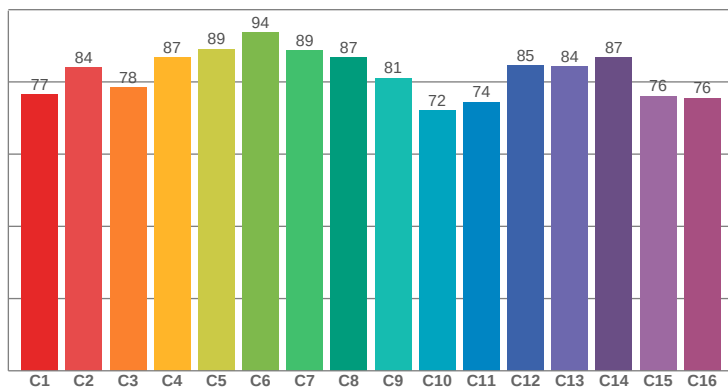
Дата и время:

**12.11.2017 13:45:48**

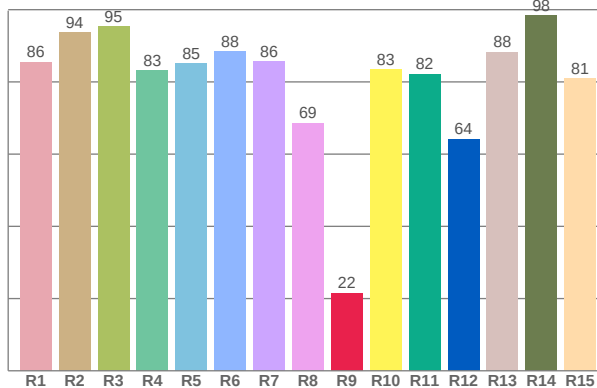




TM30: 82,2



CRI: 85,7 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

| R1    | R2    | R3    | R4    | R5    | R6    | R7    | R8    | R9    | R10   | R11   | R12   | R13   | R14   | R15   |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 85,53 | 93,67 | 95,31 | 83,13 | 85,06 | 88,49 | 85,60 | 68,65 | 21,58 | 83,39 | 82,23 | 64,22 | 88,30 | 98,33 | 80,87 |

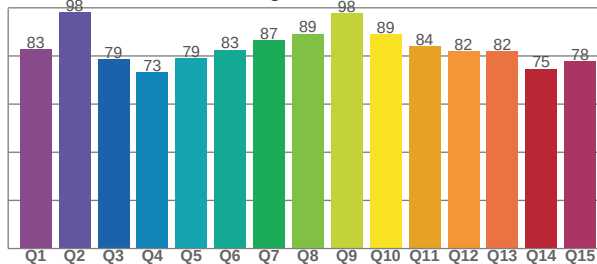
TM30 C values, 16 binned values out of total of 99 C values

| C1    | C2    | C3    | C4    | C5    | C6    | C7    | C8    | C9    | C10   | C11   | C12   | C13   | C14   | C15   | C16   |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 76,55 | 84,05 | 78,50 | 86,85 | 89,14 | 93,61 | 88,76 | 86,76 | 81,08 | 72,09 | 74,44 | 84,56 | 84,33 | 86,81 | 76,15 | 75,59 |

CQS Q values

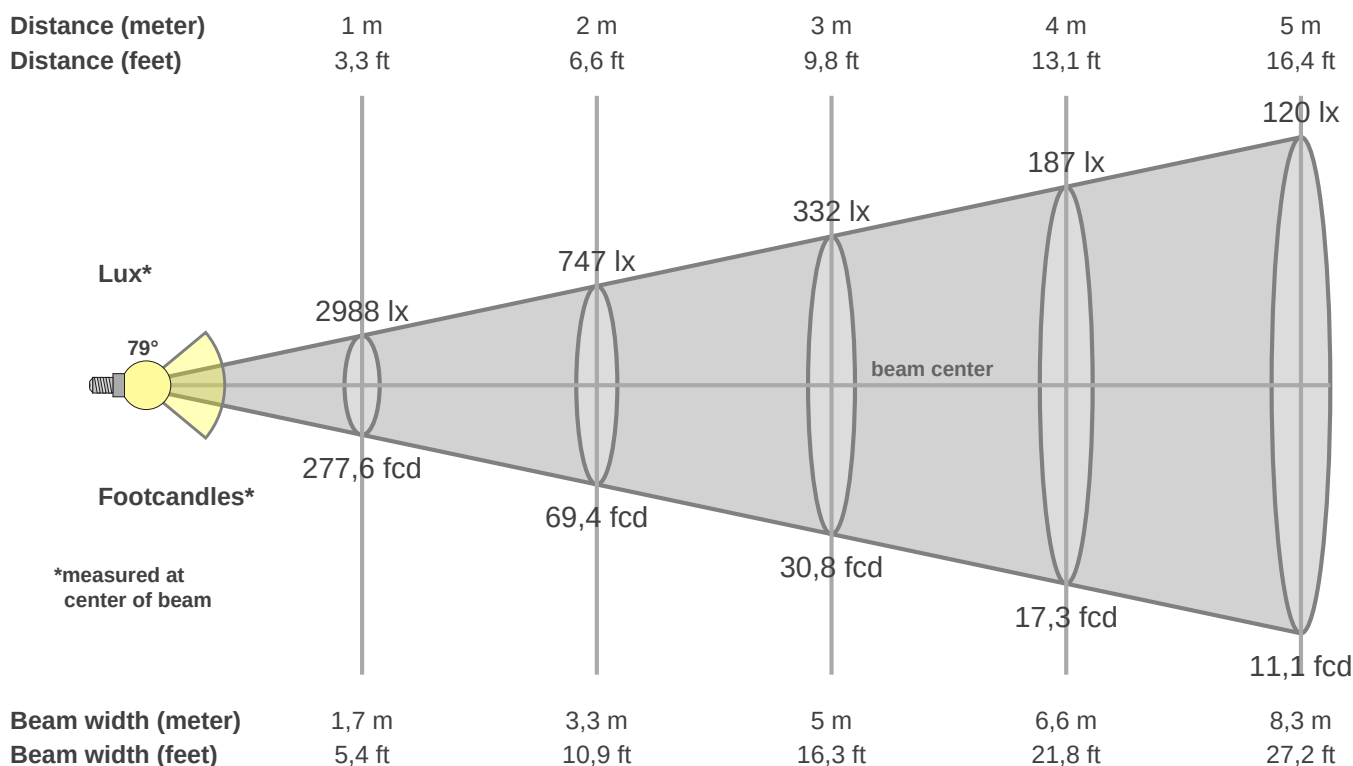
| Q1    | Q2    | Q3    | Q4    | Q5    | Q6    | Q7    | Q8    | Q9    | Q10   | Q11   | Q12   | Q13   | Q14   | Q15   |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 82,89 | 98,24 | 78,69 | 73,11 | 78,96 | 82,62 | 86,57 | 89,26 | 97,91 | 89,20 | 84,13 | 82,06 | 82,09 | 74,72 | 77,84 |

CQS: 82,4



## Color parameters

| CCT    | CRI  | CRI R9 | TM30 Rf | TM30 Rg | CQS  | x   | y   | u   | v   | Duv    |
|--------|------|--------|---------|---------|------|-----|-----|-----|-----|--------|
| 4069 K | 85,7 | 21,6   | 82,2    | 95,1    | 82,4 | 0,4 | 0,4 | 0,2 | 0,3 | 0,0046 |



#### Intensities in 0° c-plane

| 0°   | 5°   | 10°  | 15°  | 20°  | 25°  | 30°  | 35°  | 40°  | 45° | 50° | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° |
|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 2988 | 2976 | 2946 | 2873 | 2777 | 2624 | 2377 | 1975 | 1419 | 984 | 707 | 518 | 422 | 396 | 325 | 247 | 190 | 106 | 25  | 19  |
| 100% | 100% | 99%  | 96%  | 93%  | 88%  | 80%  | 66%  | 47%  | 33% | 24% | 17% | 14% | 13% | 11% | 8%  | 6%  | 4%  | 1%  | 1%  |

#### Intensities in 90° c-plane

| 0°   | 5°   | 10°  | 15°  | 20°  | 25°  | 30°  | 35°  | 40°  | 45° | 50° | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° |
|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 2988 | 2985 | 2933 | 2873 | 2756 | 2602 | 2340 | 1936 | 1417 | 965 | 678 | 498 | 424 | 400 | 333 | 256 | 181 | 90  | 26  | 20  |
| 100% | 100% | 98%  | 96%  | 92%  | 87%  | 78%  | 65%  | 47%  | 32% | 23% | 17% | 14% | 13% | 11% | 9%  | 6%  | 3%  | 1%  | 1%  |

#### Intensities in 180° c-plane

| 0°   | 5°   | 10°  | 15°  | 20°  | 25°  | 30°  | 35°  | 40°  | 45° | 50° | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° |
|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 2988 | 2979 | 2931 | 2866 | 2756 | 2599 | 2340 | 1954 | 1416 | 957 | 678 | 502 | 431 | 407 | 332 | 246 | 173 | 87  | 25  | 24  |
| 100% | 100% | 98%  | 96%  | 92%  | 87%  | 78%  | 65%  | 47%  | 32% | 23% | 17% | 14% | 14% | 11% | 8%  | 6%  | 3%  | 1%  | 1%  |

#### Intensities in 270° c-plane

| 0°   | 5°   | 10°  | 15°  | 20°  | 25°  | 30°  | 35°  | 40°  | 45° | 50° | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° |
|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 2988 | 2980 | 2946 | 2877 | 2785 | 2639 | 2409 | 2002 | 1408 | 985 | 703 | 513 | 416 | 395 | 326 | 251 | 199 | 108 | 30  | 21  |
| 100% | 100% | 99%  | 96%  | 93%  | 88%  | 81%  | 67%  | 47%  | 33% | 24% | 17% | 14% | 13% | 11% | 8%  | 7%  | 4%  | 1%  | 1%  |

| Beam angle 50% | Field angle 10% | Cutoff angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|-------------------|------------------------------|-----------------------------|
| 79,3°          | 150,1°          | 174,7°            | 81,9%                        | 66,8%                       |