

СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

Эффективность света:

115 Lumen/Watt

Качество света:

CRI: 85,0

Цветовая температура:

4217 K

Поток: 1737 lm

Интенс.: 848 cd

Мощн.: 15,2 W

КПД: 0,93



Название продукта:

СС 03-У-С-14-1190.65.15-4-0-65

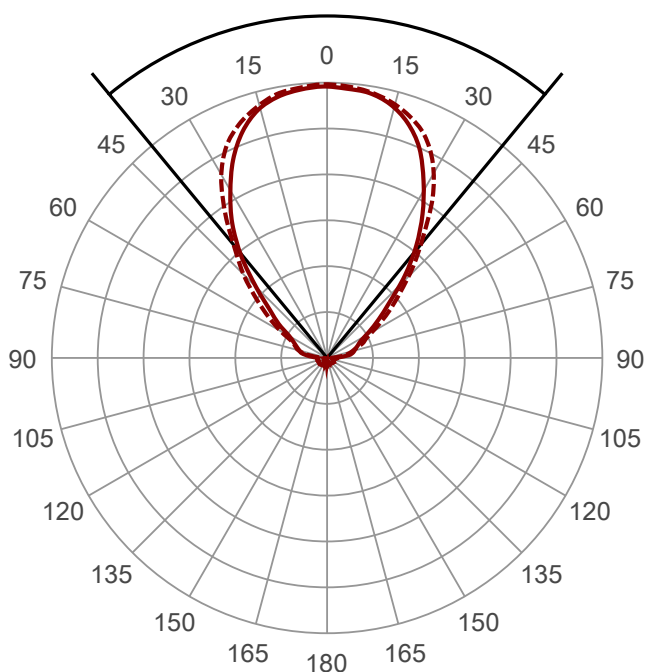
Дата и время:

01.08.2016 15:58:45

Угол пучка

79,1°

(4 PLANES)
8 C-Planes

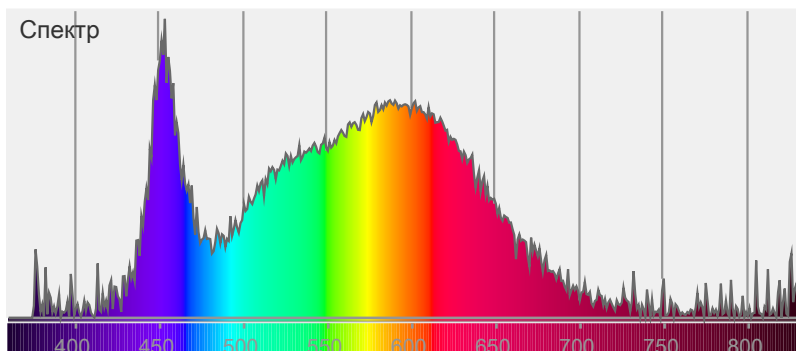


Цвет



CIE1931
x: 0,371
y: 0,367

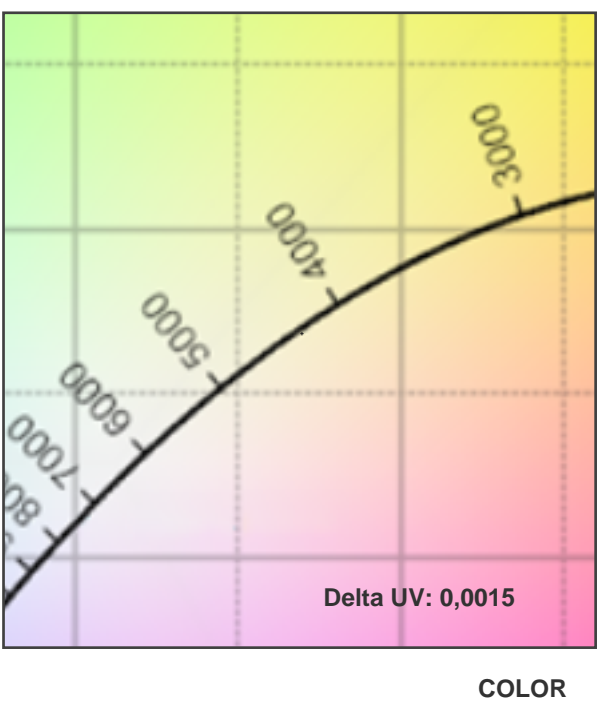
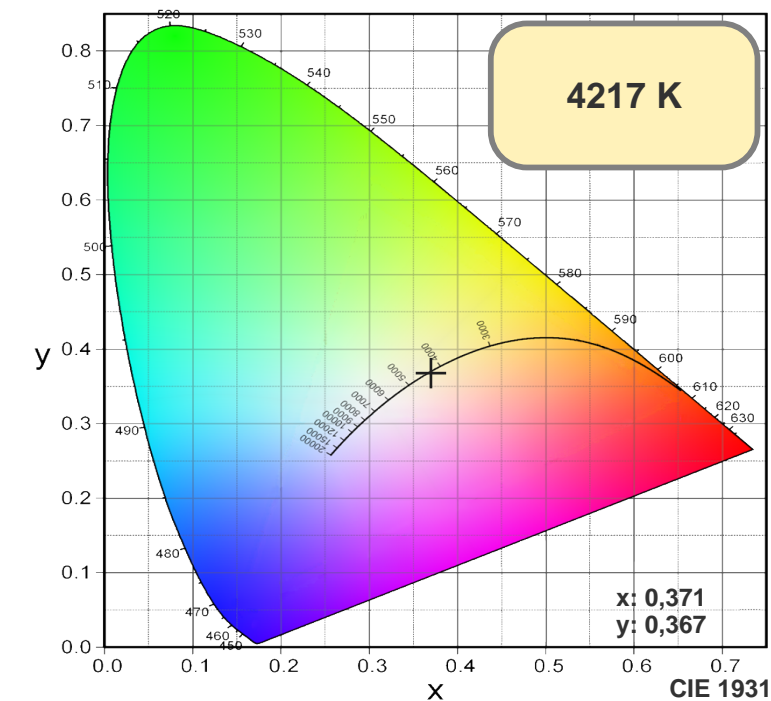
Спектр



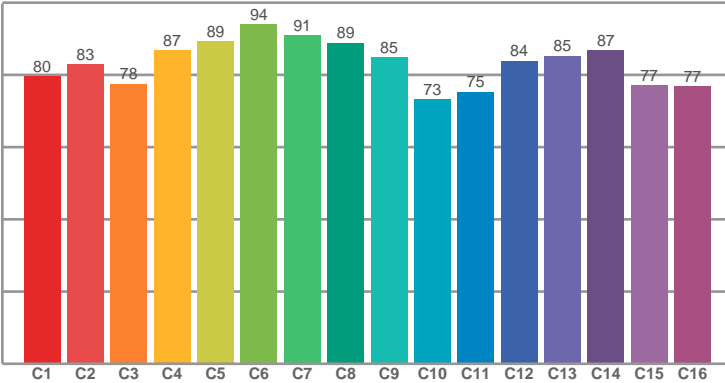
Мощность

Напряжение: 221 V
Ток: 0,074 A

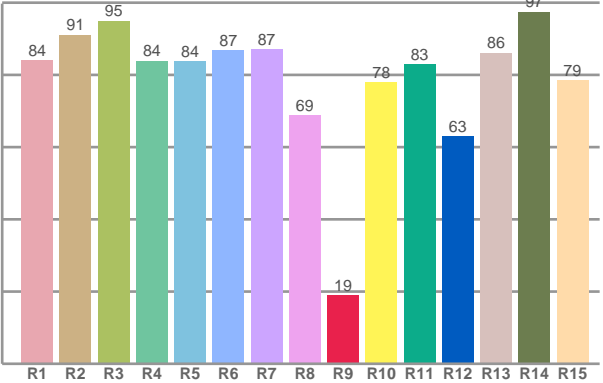




TM30: 83,0



CRI: 85,0 (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 |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 84,06 | 91,10 | 94,98 | 83,84 | 83,73 | 86,68 | 87,11 | 68,75 | 18,96 | 77,85 | 82,93 | 63,01 | 86,10 | 97,42 | 78,51 |

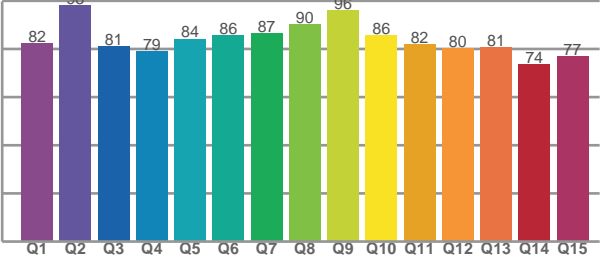
TM30 C values, 16 binned values out of total of 99 C values

| C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 79,51 | 82,81 | 77,51 | 86,71 | 89,25 | 93,96 | 90,99 | 88,86 | 84,80 | 73,25 | 75,29 | 83,84 | 85,29 | 86,79 | 77,15 | 76,79 |

CQS Q values

| Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 | Q9 | Q10 | Q11 | Q12 | Q13 | Q14 | Q15 |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 82,37 | 98,24 | 81,07 | 79,19 | 84,29 | 85,85 | 86,70 | 90,48 | 96,21 | 85,61 | 82,06 | 80,48 | 80,77 | 73,75 | 77,02 |

CQS: 83,0



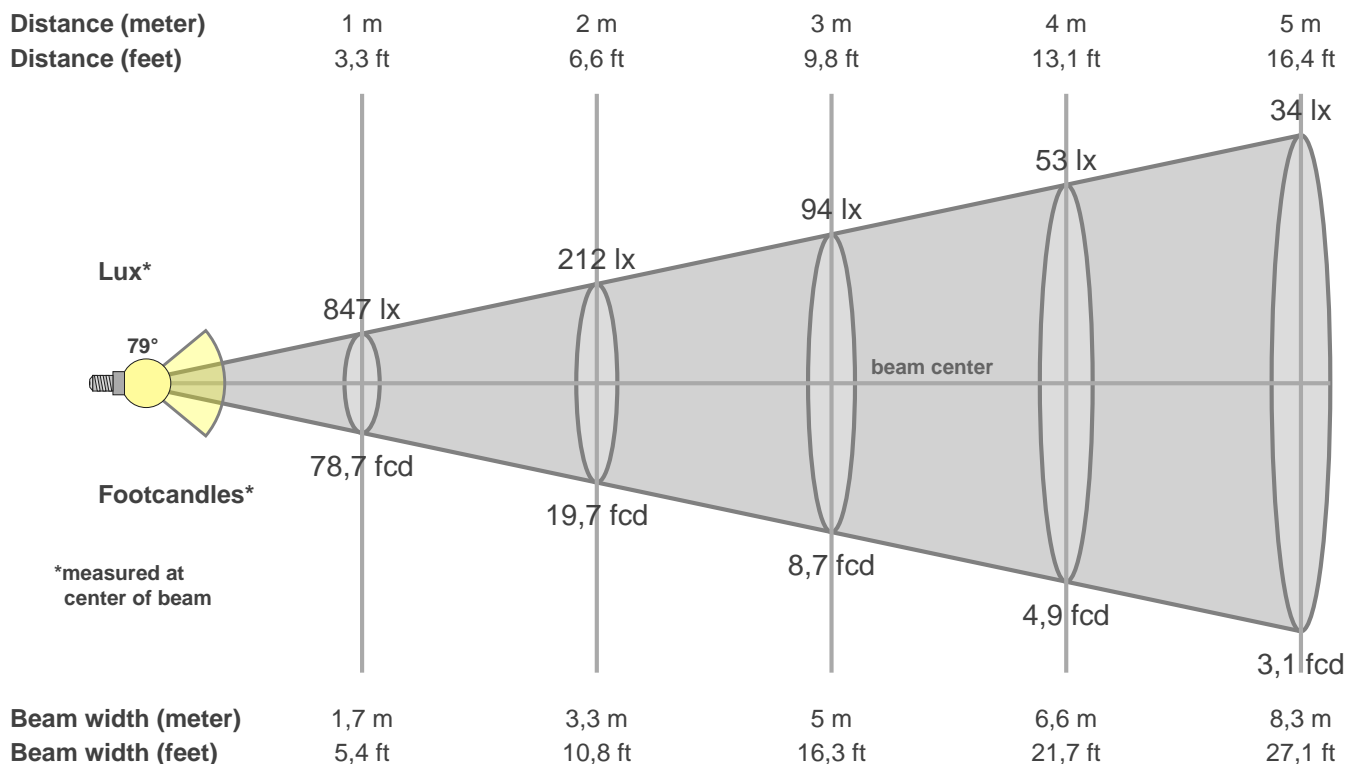
Color parameters

| CCT | CRI | CRI R9 | TM30 Rf | TM30 Rg | CQS | x | y | u | v | Duv |
|--------|------|--------|---------|---------|------|-----|-----|-----|-----|--------|
| 4217 K | 85,0 | 19,0 | 83,0 | 95,9 | 83,0 | 0,4 | 0,4 | 0,2 | 0,3 | 0,0015 |

СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

Beam details

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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° |
|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 847 | 843 | 832 | 807 | 760 | 690 | 604 | 517 | 418 | 315 | 233 | 184 | 137 | 115 | 101 | 90 | 78 | 52 | 30 | 29 |
| 100% | 100% | 98% | 95% | 90% | 81% | 71% | 61% | 49% | 37% | 28% | 22% | 16% | 14% | 12% | 11% | 9% | 6% | 4% | 3% |

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° |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 847 | 843 | 834 | 811 | 778 | 731 | 655 | 552 | 447 | 367 | 287 | 222 | 166 | 120 | 105 | 92 | 68 | 34 | 11 | 9 |
| 100% | 99% | 98% | 96% | 92% | 86% | 77% | 65% | 53% | 43% | 34% | 26% | 20% | 14% | 12% | 11% | 8% | 4% | 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° |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 847 | 843 | 834 | 808 | 763 | 694 | 604 | 513 | 419 | 323 | 241 | 184 | 141 | 113 | 98 | 88 | 77 | 52 | 29 | 25 |
| 100% | 99% | 98% | 95% | 90% | 82% | 71% | 60% | 49% | 38% | 28% | 22% | 17% | 13% | 12% | 10% | 9% | 6% | 3% | 3% |

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° |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 847 | 843 | 832 | 813 | 782 | 735 | 659 | 557 | 450 | 359 | 280 | 217 | 164 | 130 | 105 | 81 | 61 | 33 | 12 | 8 |
| 100% | 99% | 98% | 96% | 92% | 87% | 78% | 66% | 53% | 42% | 33% | 26% | 19% | 15% | 12% | 10% | 7% | 4% | 1% | 1% |

| Beam angle 50% | Field angle 10% | Cutoff angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|-------------------|------------------------------|-----------------------------|
| 79,1° | 148,1° | 277,0° | 79,1% | 62,7% |