

# СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

Эффективность света:

**125 Lumen/Watt**

Качество света:

**CRI: 86,0**

Цветовая температура:

**4164 K**

Поток: 5255 lm

Интенс.: 2077 cd

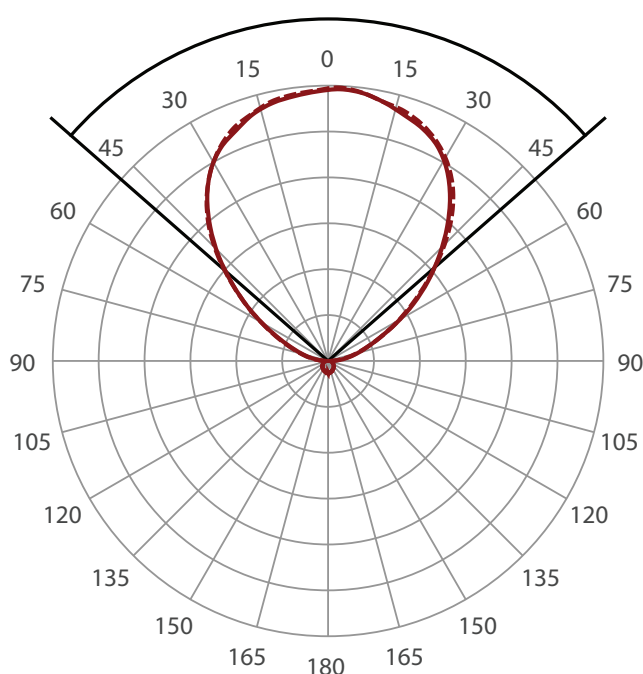
Мощн.: 42,0 W

КПД: 0,94

Угол пучка

**97,5°**

(3 C-PLANES)

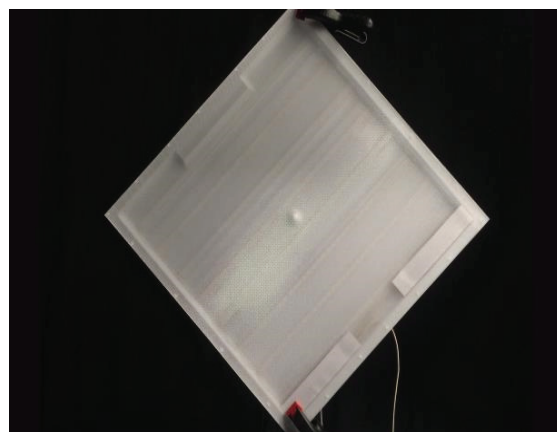
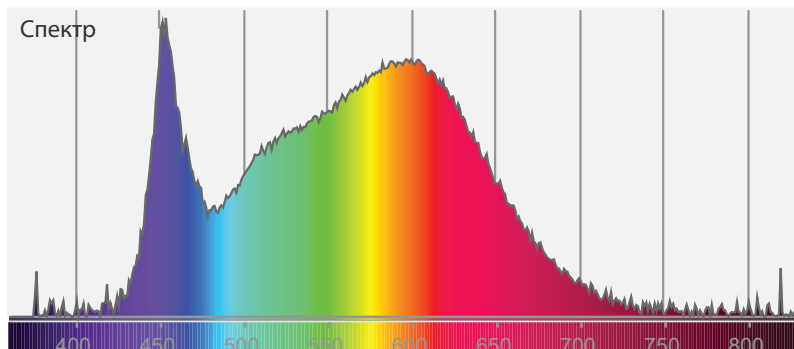


Цвет



CIE1931  
x: 0,375  
y: 0,376

Спектр

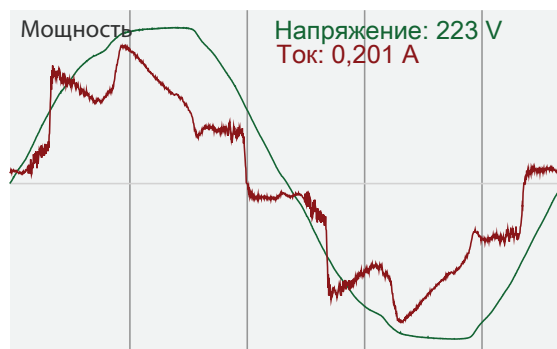


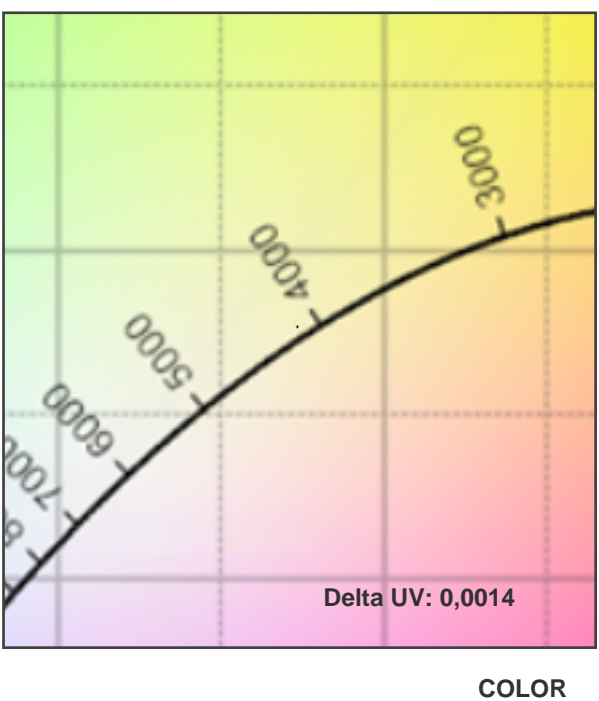
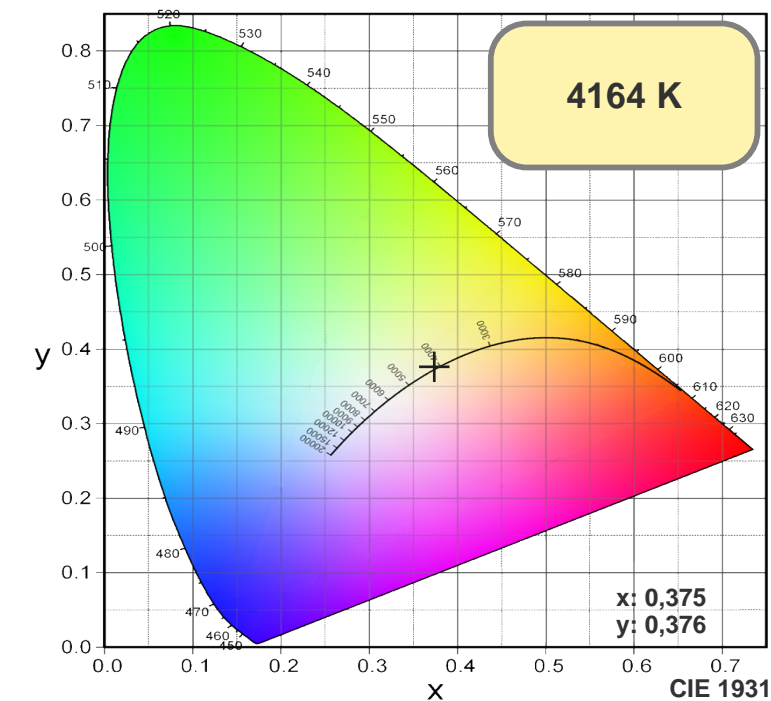
Название продукта:

СС 02-Y-A-42-590.590.15-4-0-65

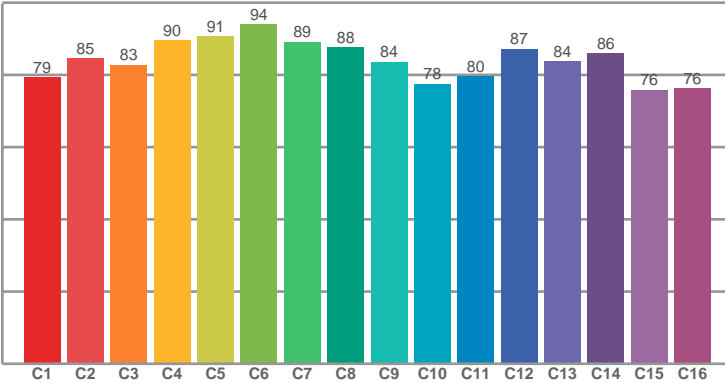
Дата и время:

06.06.2016 16:47:01

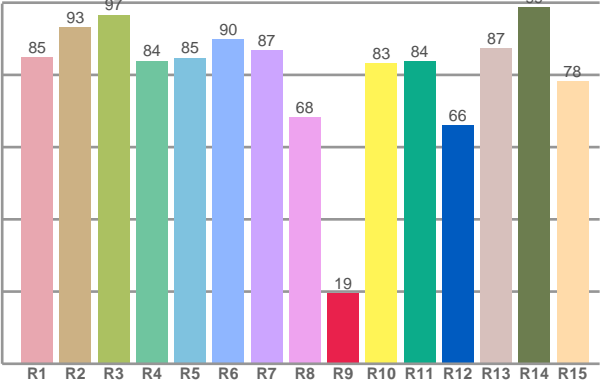




TM30: 84,1



CRI: 86,0 (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
84,87	93,08	96,59	83,85	84,67	89,86	86,75	68,13	19,49	83,20	83,71	66,02	87,38	98,70	78,18

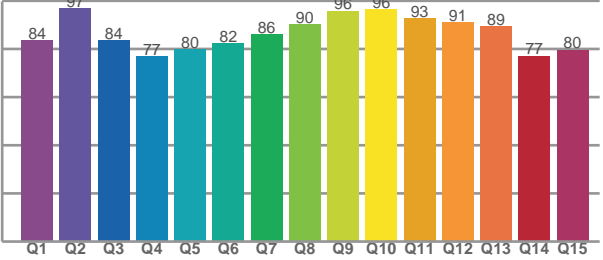
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
79,39	84,66	82,73	89,64	90,65	94,03	89,14	87,53	83,60	77,51	79,62	87,22	83,66	85,85	75,84	76,25

CQS Q values

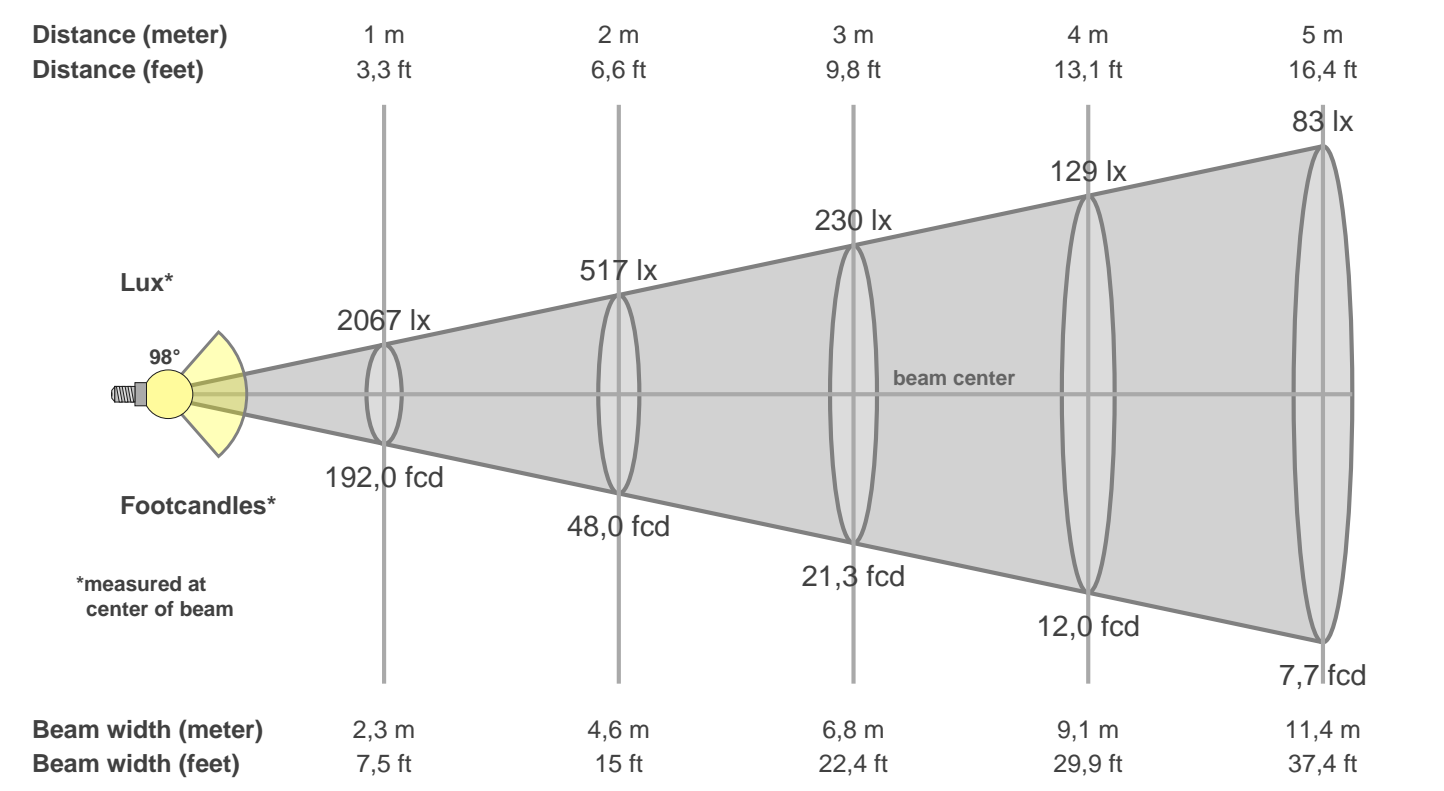
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
83,53	97,07	83,54	76,89	79,99	82,37	85,99	90,30	95,89	96,42	92,92	91,10	89,48	77,20	79,69

CQS: 85,2



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4164 K	86,0	19,5	84,1	94,1	85,2	0,4	0,4	0,2	0,3	0,0014



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°
2067	2047	2024	1987	1922	1847	1746	1599	1414	1208	989	782	589	423	296	204	130	68	20	21
100%	99%	98%	96%	93%	89%	84%	77%	68%	58%	48%	38%	28%	20%	14%	10%	6%	3%	1%	1%

Intensities in 60° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
2067	2048	2027	1987	1931	1852	1738	1595	1421	1215	992	780	590	434	309	216	143	74	25	18
100%	99%	98%	96%	93%	90%	84%	77%	69%	59%	48%	38%	29%	21%	15%	10%	7%	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°
2067	2069	2039	1989	1936	1870	1764	1614	1431	1232	1032	833	635	460	329	236	159	91	29	25
100%	100%	99%	96%	94%	90%	85%	78%	69%	60%	50%	40%	31%	22%	16%	11%	8%	4%	1%	1%

Intensities in 240° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
2067	2064	2029	1995	1951	1879	1778	1641	1463	1250	1021	809	623	457	325	225	140	73	23	22
100%	100%	98%	97%	94%	91%	86%	79%	71%	60%	49%	39%	30%	22%	16%	11%	7%	4%	1%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
97,5°	151,4°	360,0°	80,1%	58,7%