

# СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

Эффективность света:

**122 Lumen/Watt**

Качество света:

**CRI: 84,6**

Цветовая температура:

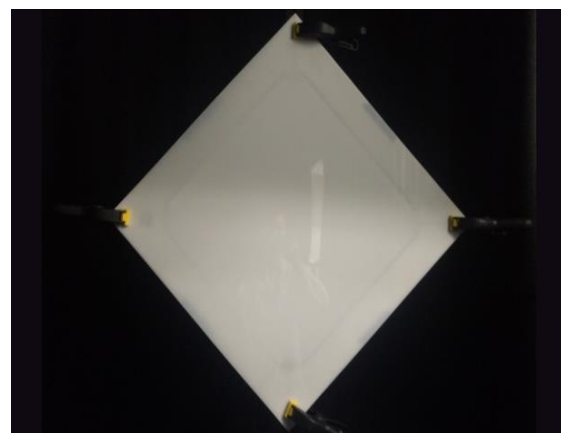
**4161 K**

Поток: 6704 lm

Интенс.: 2168 cd

Мощн.: 54,8 W

КПД: 0,93



Название продукта:

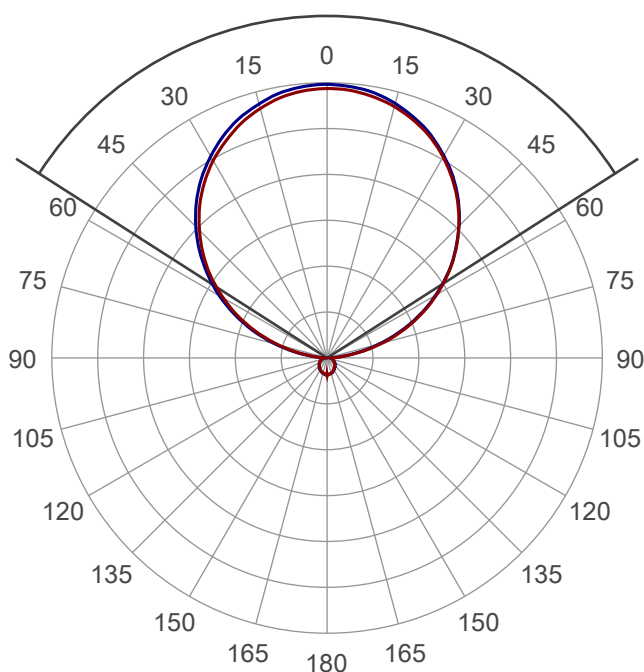
**СС**

**02-У-М-56-590.590.15-4-0-65**

Дата и время:

**13.04.2017 11:00:27**

Угол пучка **114,7°** 4 PLANES



Цвет

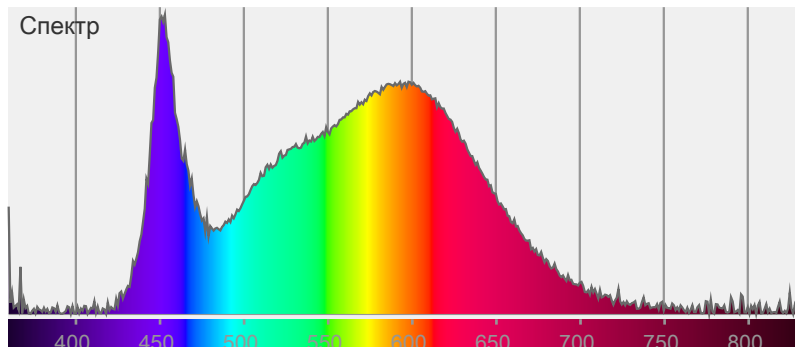


CIE1931

x: 0,373

y: 0,369

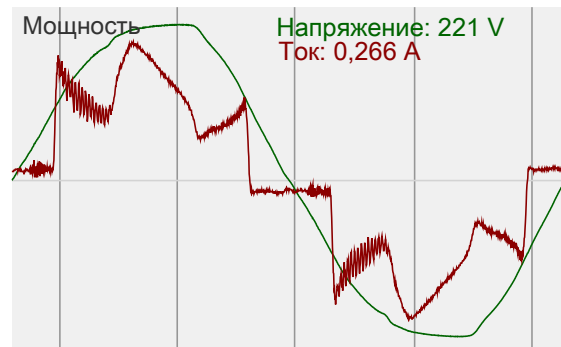
Спектр



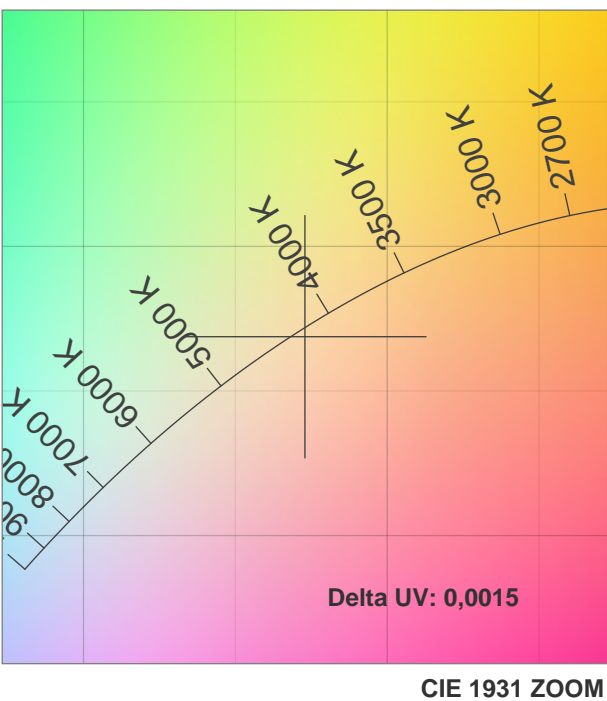
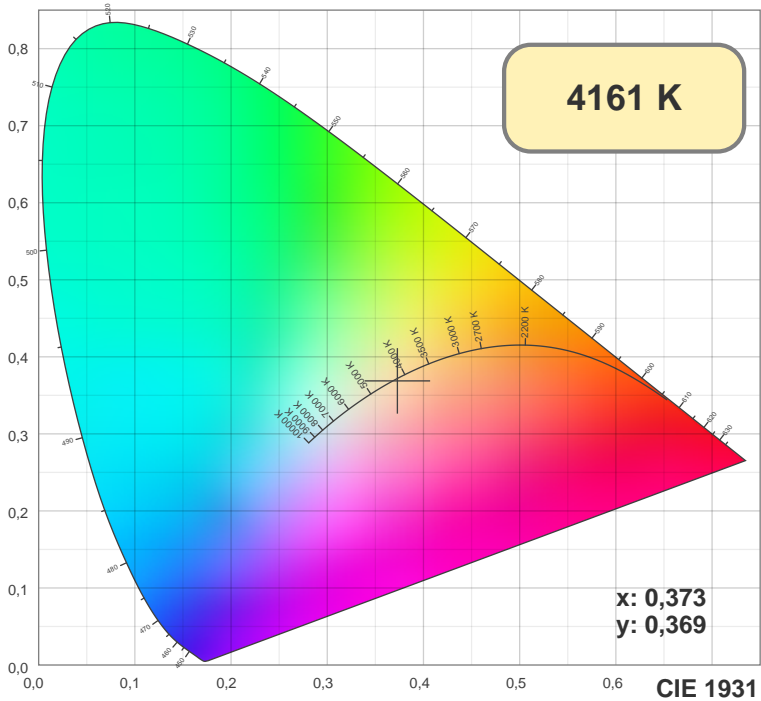
Мощность

Напряжение: 221 V

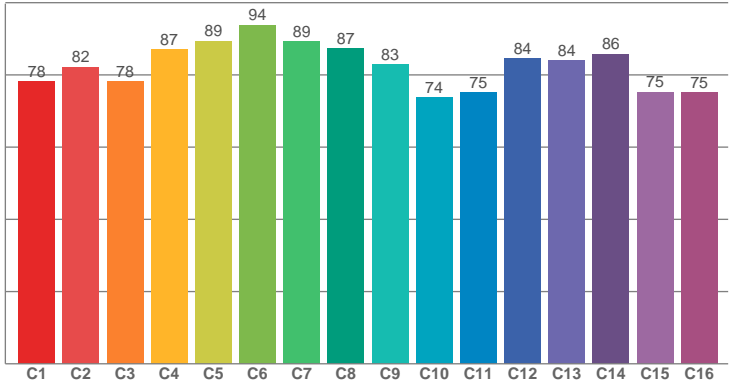
Ток: 0,266 A



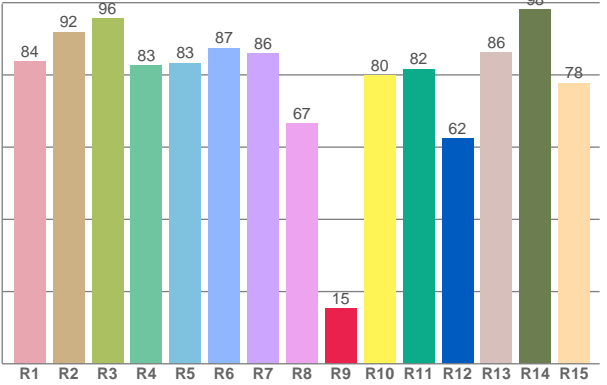
СЕВЕРО-ЗАПАДНАЯ  
СВЕТОТЕХНИЧЕСКАЯ  
ЛАБОРАТОРИЯ



TM30: 82,3



CRI: 84,6 (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
83,65	91,92	95,69	82,57	83,33	87,45	85,88	66,63	15,38	79,82	81,64	62,50	86,16	98,18	77,74

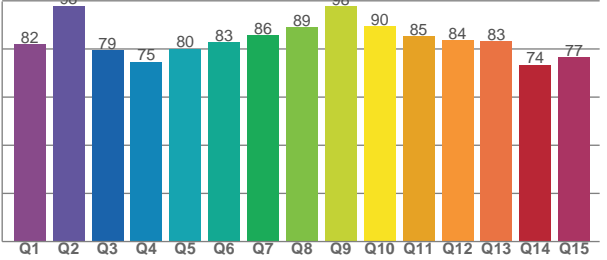
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
78,10	82,23	78,11	87,09	89,42	93,85	89,34	87,30	82,91	73,85	75,19	84,50	83,97	85,83	75,30	75,07

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
81,93	97,96	79,41	74,72	80,10	82,95	85,89	89,02	97,86	89,62	85,31	83,57	83,16	73,51	76,72

CQS: 82,6



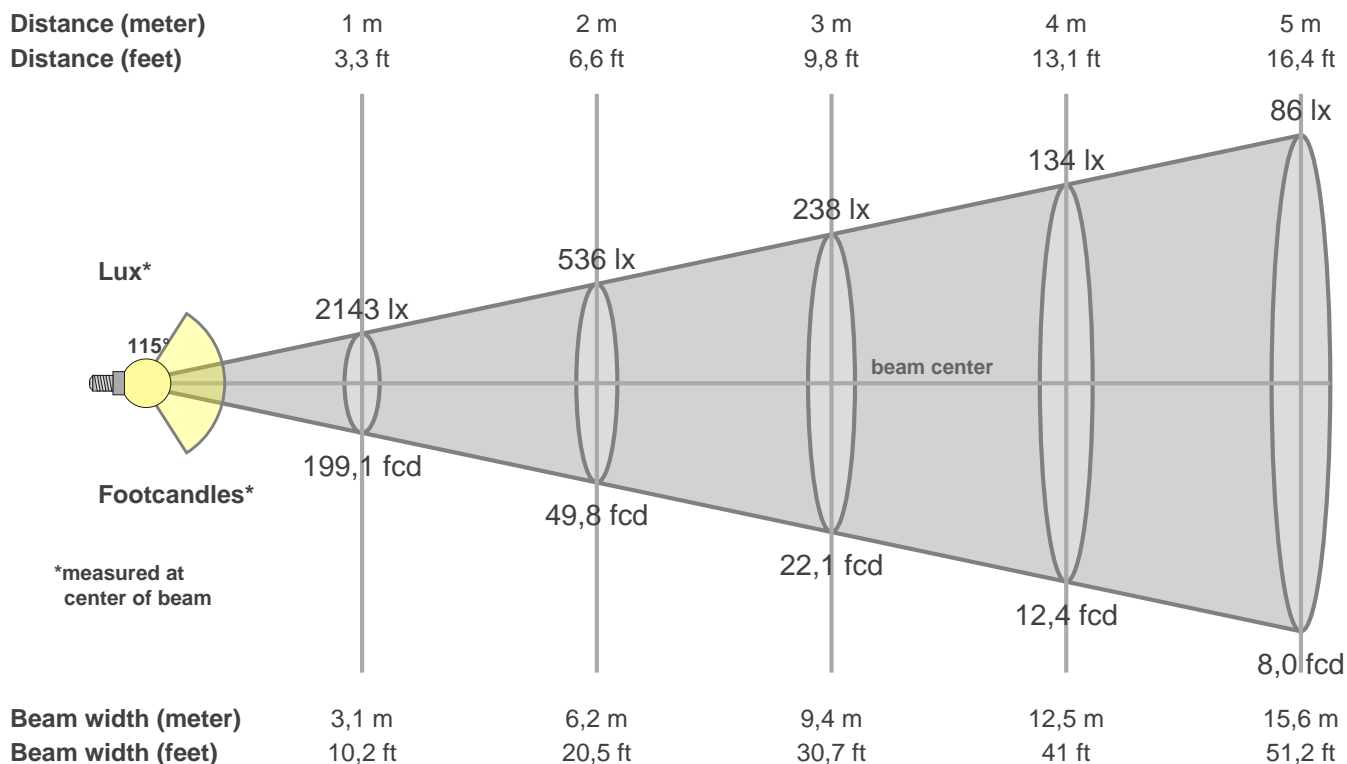
Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4161 K	84,6	15,4	82,3	94,8	82,6	0,4	0,4	0,2	0,3	0,0015

# СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

## Beam details

3 of 3



### 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°
2143	2124	2096	2046	1982	1897	1806	1695	1571	1430	1281	1123	949	773	587	399	224	88	27	29
100%	99%	98%	95%	92%	89%	84%	79%	73%	67%	60%	52%	44%	36%	27%	19%	10%	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°
2143	2157	2132	2083	2023	1942	1844	1736	1611	1471	1319	1156	986	803	617	426	245	95	25	27
100%	101%	100%	97%	94%	91%	86%	81%	75%	69%	62%	54%	46%	37%	29%	20%	11%	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°
2143	2127	2100	2060	2002	1930	1838	1729	1609	1475	1330	1172	1003	825	641	454	271	124	47	34
100%	99%	98%	96%	93%	90%	86%	81%	75%	69%	62%	55%	47%	39%	30%	21%	13%	6%	2%	2%

### 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°
2143	2156	2132	2086	2023	1946	1849	1742	1617	1478	1326	1167	992	811	620	429	249	106	40	34
100%	101%	100%	97%	94%	91%	86%	81%	75%	69%	62%	54%	46%	38%	29%	20%	12%	5%	2%	2%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
114,7°	162,1°	360,0°	73,1%	49,4%