

# СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

Эффективность света:

**126 Lumen/Watt**

Качество света:

**CRI: 84,6**

Цветовая температура:

**4211 K**

Поток: 6382 lm

Интенс.: 2643 cd

Мощн.: 50,9 W

КПД: 0,92



Название продукта:

**СС**

**04-Y-A-56-1500.130.15-4-0-65**

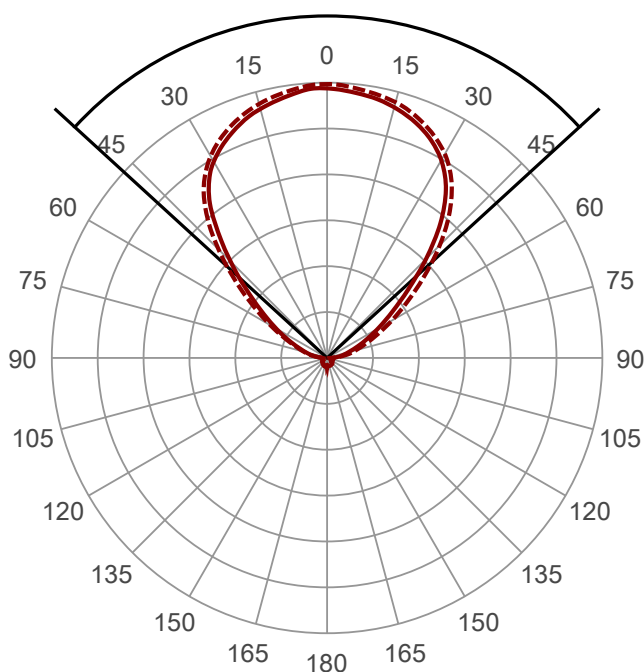
Дата и время:

**28.11.2016 15:37:19**

Угол пучка

**95,1°**

(4 PLANES)  
8 C-Planes



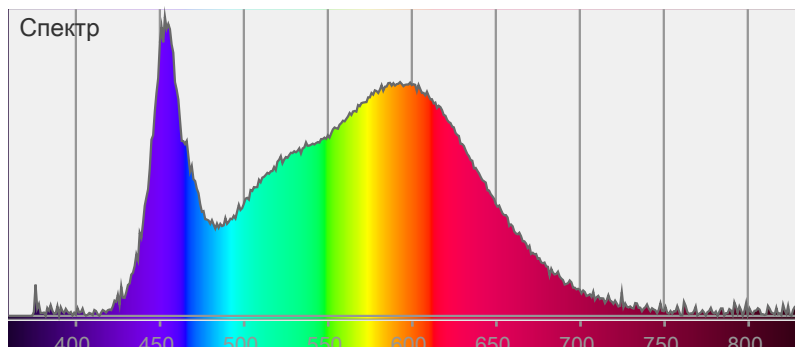
Цвет

CIE1931

x: 0,370

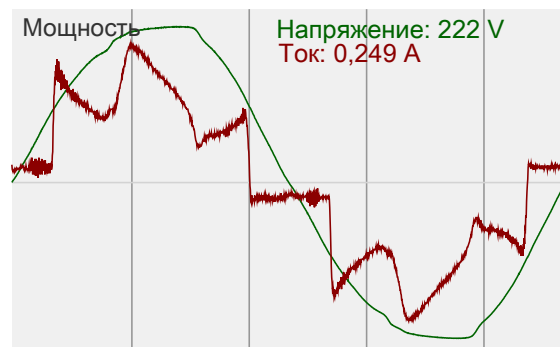
y: 0,364

Спектр

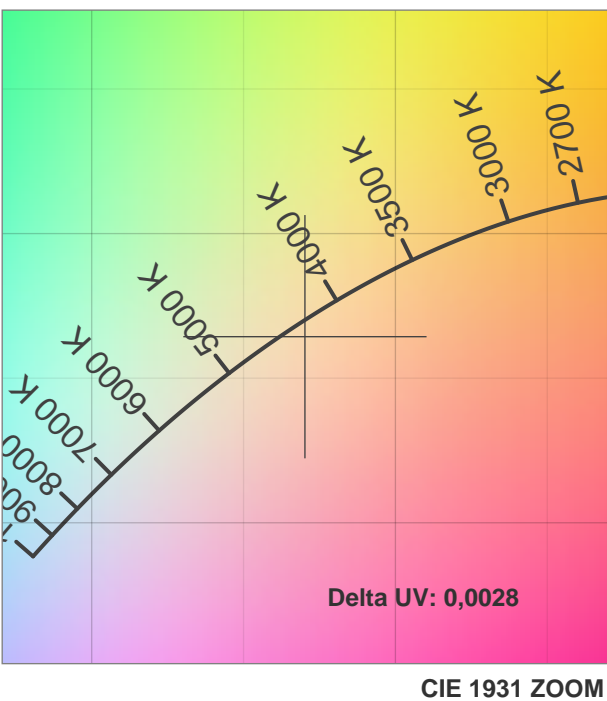
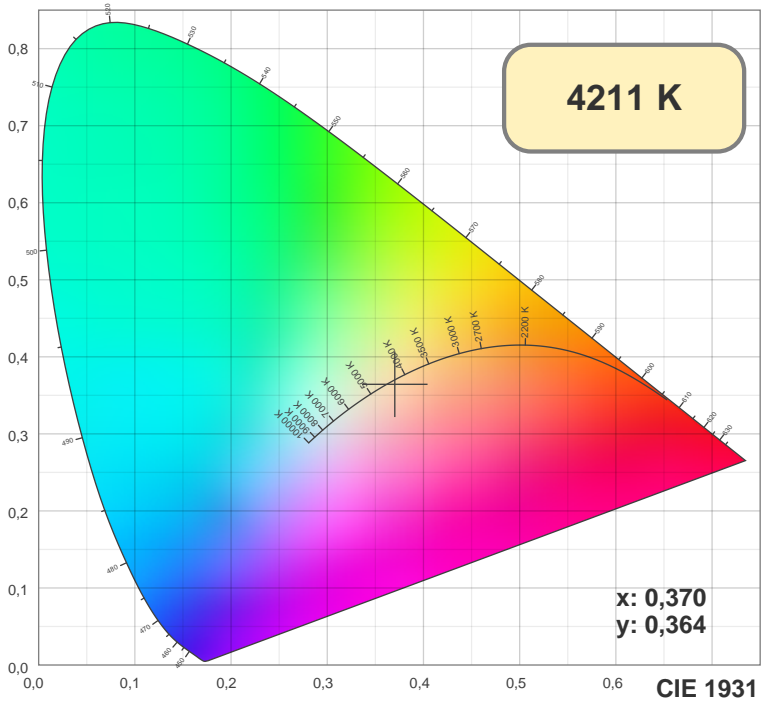


Мощность

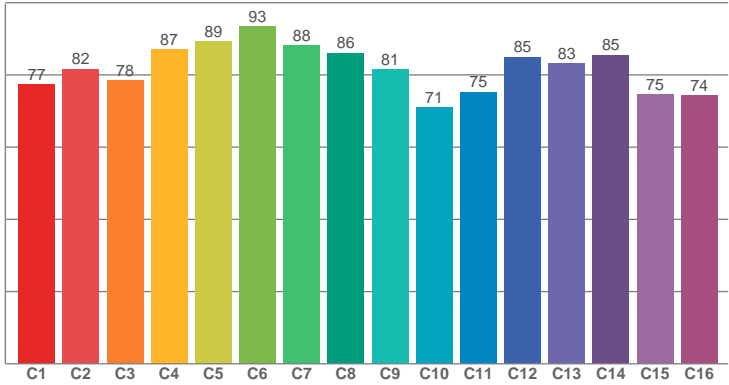
Напряжение: 222 V  
Ток: 0,249 A



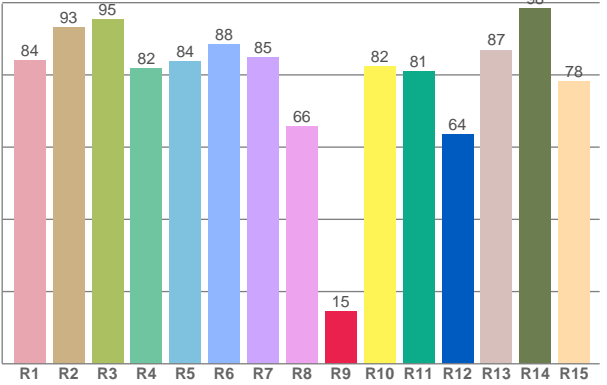
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СВЕТОТЕХНИЧЕСКАЯ  
ЛАБОРАТОРИЯ



TM30: 81,8



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
84,01	93,07	95,37	81,80	83,67	88,43	84,75	65,73	14,56	82,29	80,89	63,52	86,94	98,34	78,21

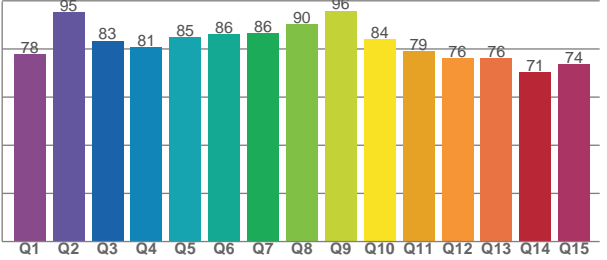
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
77,27	81,67	78,40	87,11	89,26	93,40	88,06	86,08	81,48	71,04	75,29	84,96	83,25	85,49	74,50	74,34

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
77,91	95,37	83,46	80,85	85,06	86,13	86,49	90,27	95,95	83,97	79,10	76,05	76,07	70,52	73,61

CQS: 81,3



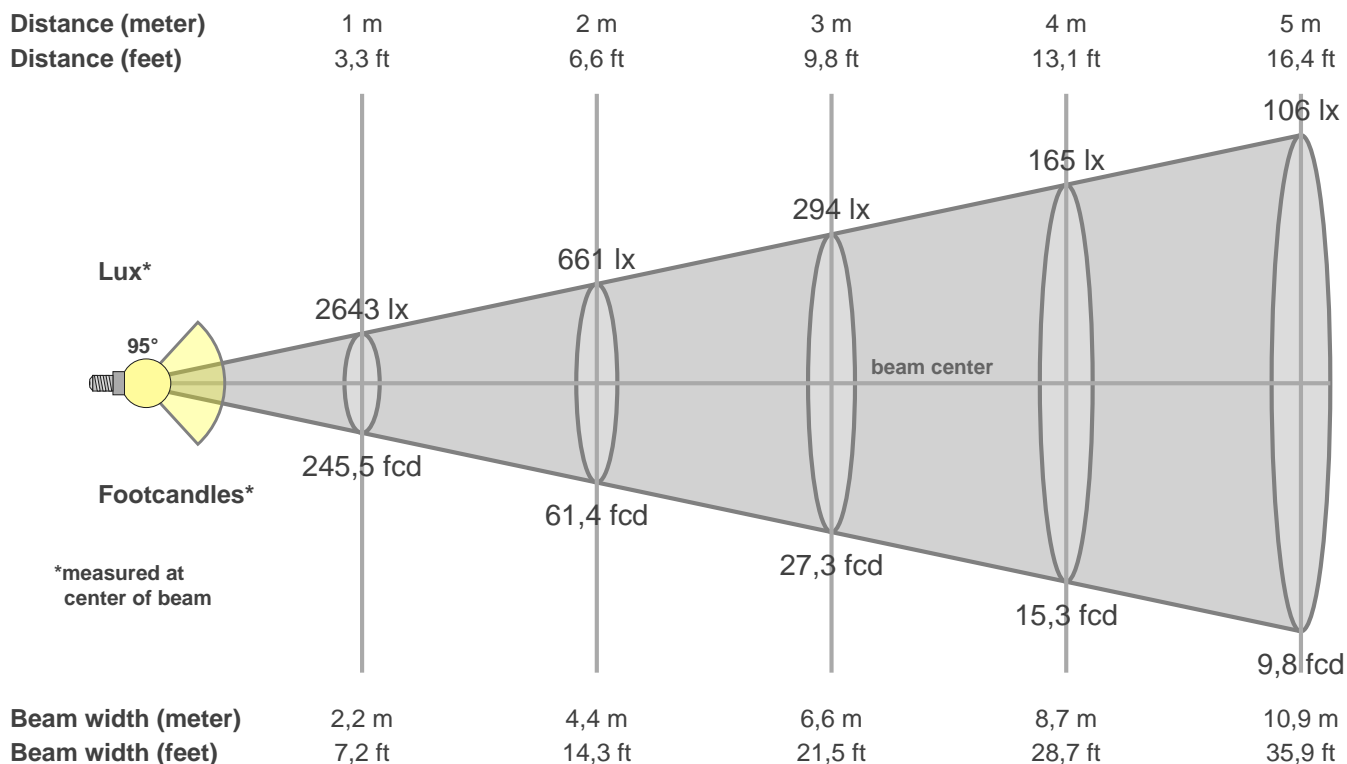
Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4211 K	84,6	14,6	81,8	94,3	81,3	0,4	0,4	0,2	0,3	0,0028

# 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°
2643	2632	2584	2528	2453	2350	2217	2013	1700	1347	1029	775	581	426	305	219	153	92	47	41
100%	100%	98%	96%	93%	89%	84%	76%	64%	51%	39%	29%	22%	16%	12%	8%	6%	3%	2%	2%

### 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°
2643	2628	2589	2538	2468	2373	2245	2064	1806	1484	1158	870	638	456	324	235	163	79	22	21
100%	99%	98%	96%	93%	90%	85%	78%	68%	56%	44%	33%	24%	17%	12%	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°
2643	2622	2593	2545	2476	2378	2238	2030	1732	1373	1033	773	579	425	307	218	156	100	58	50
100%	99%	98%	96%	94%	90%	85%	77%	66%	52%	39%	29%	22%	16%	12%	8%	6%	4%	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°
2643	2626	2595	2555	2489	2396	2272	2090	1840	1540	1224	947	722	537	393	289	207	112	38	23
100%	99%	98%	97%	94%	91%	86%	79%	70%	58%	46%	36%	27%	20%	15%	11%	8%	4%	1%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
95,1°	146,9°	360,0°	81,7%	60,9%