

# СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

Эффективность света:

**128 Lumen/Watt**

Качество света:

**CRI: 84,1**

Цветовая температура:

**4162 K**

Поток: 24808 lm

Интенс.: 8044 cd

Мощн.: 194 W

КПД: 0,98



Название продукта:

**СС**

**T1-Y-E-192-810.100.170-4-0-67**

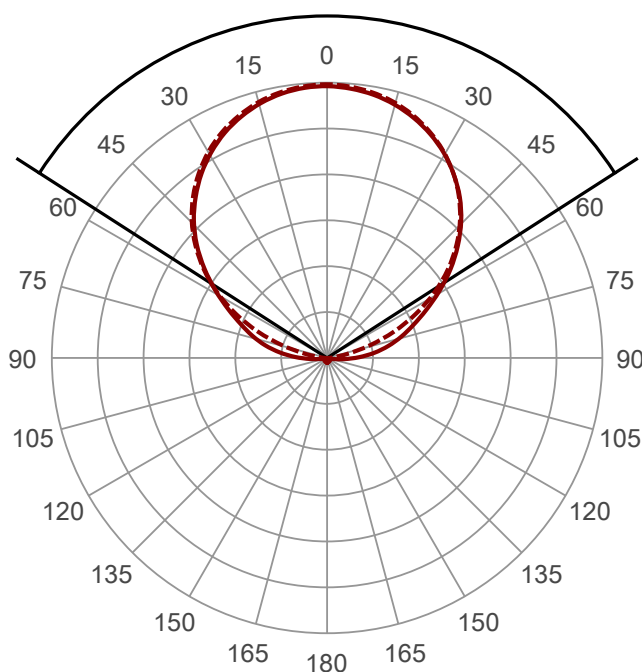
Дата и время:

**28.11.2016 15:51:05**

Угол пучка

**114,6°**

(4 PLANES)  
8 C-Planes



Цвет

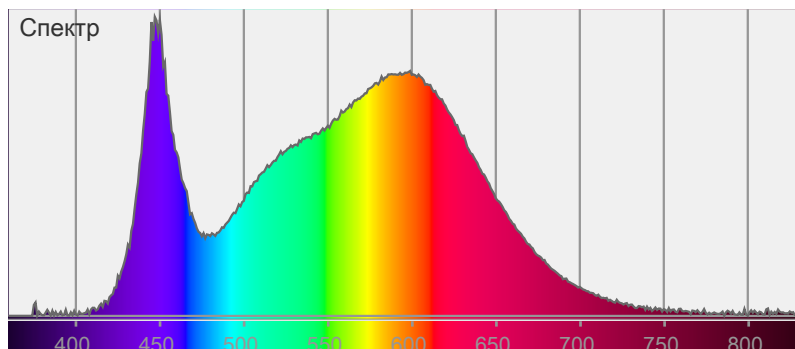


CIE1931

x: 0,371

y: 0,361

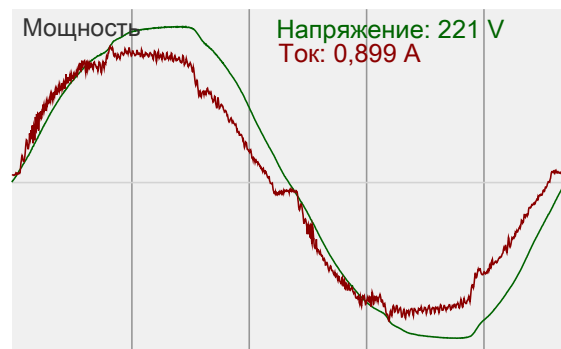
Спектр



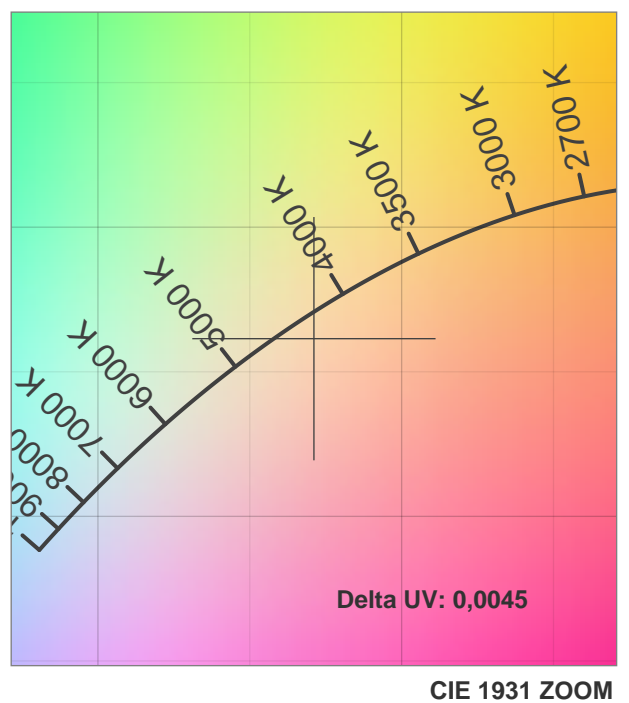
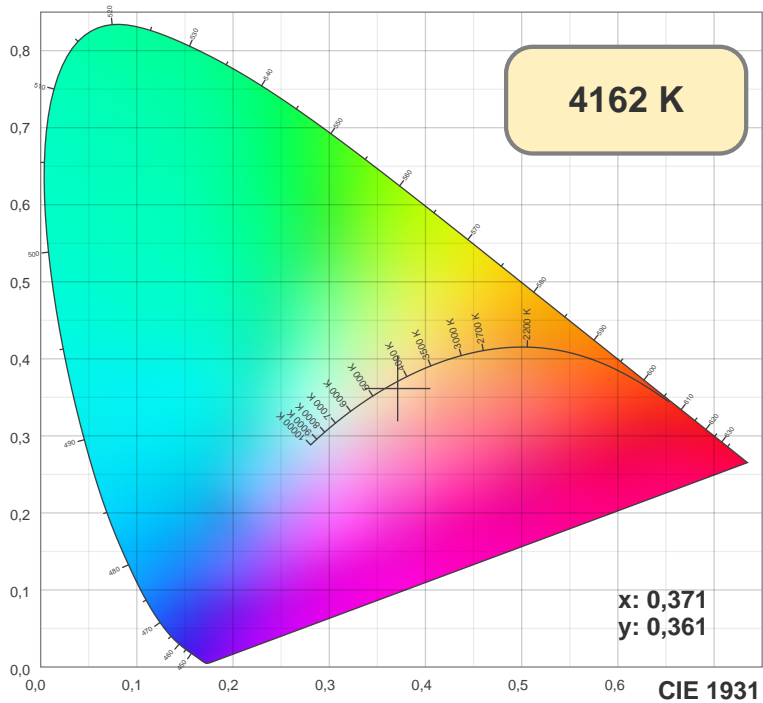
Мощность

Напряжение: 221 V

Ток: 0,899 A

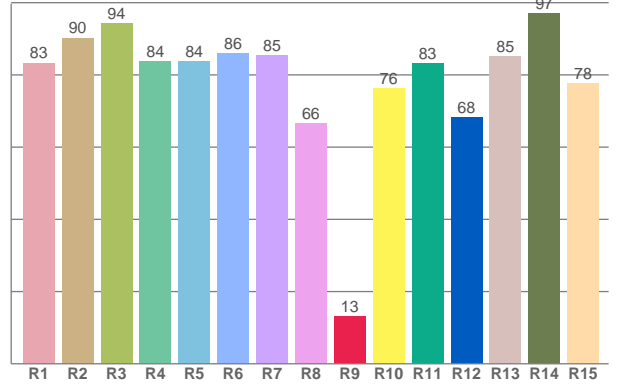
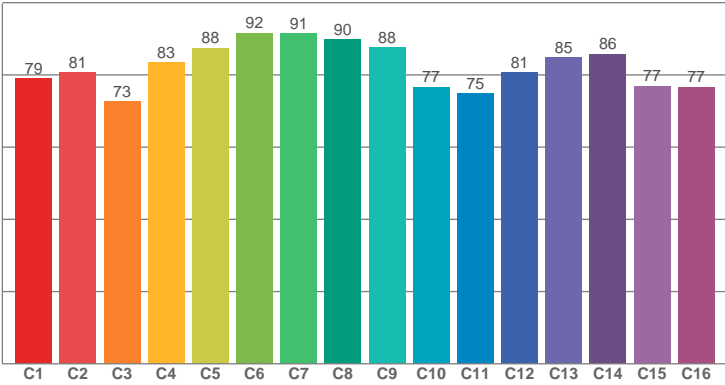


СЕВЕРО-ЗАПАДНАЯ  
СВЕТОТЕХНИЧЕСКАЯ  
ЛАБОРАТОРИЯ



TM30: 82,1

CRI: 84,1 (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
83,33	90,23	94,23	83,75	83,74	85,88	85,45	66,47	13,18	76,23	83,10	68,21	85,13	96,97	77,70

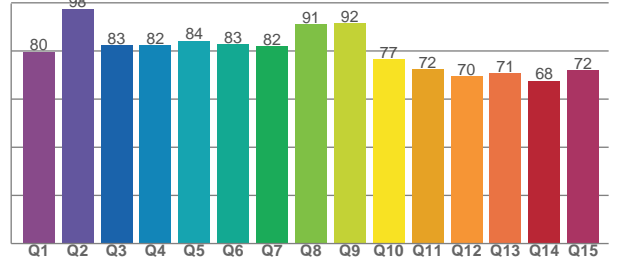
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
78,98	80,72	72,70	83,44	87,50	91,60	91,42	89,84	87,69	76,70	74,87	80,70	84,85	85,83	76,96	76,68

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
79,74	97,56	82,52	82,35	84,30	82,74	82,10	91,02	91,62	76,62	72,48	69,51	70,69	67,68	72,05

CQS: 78,4



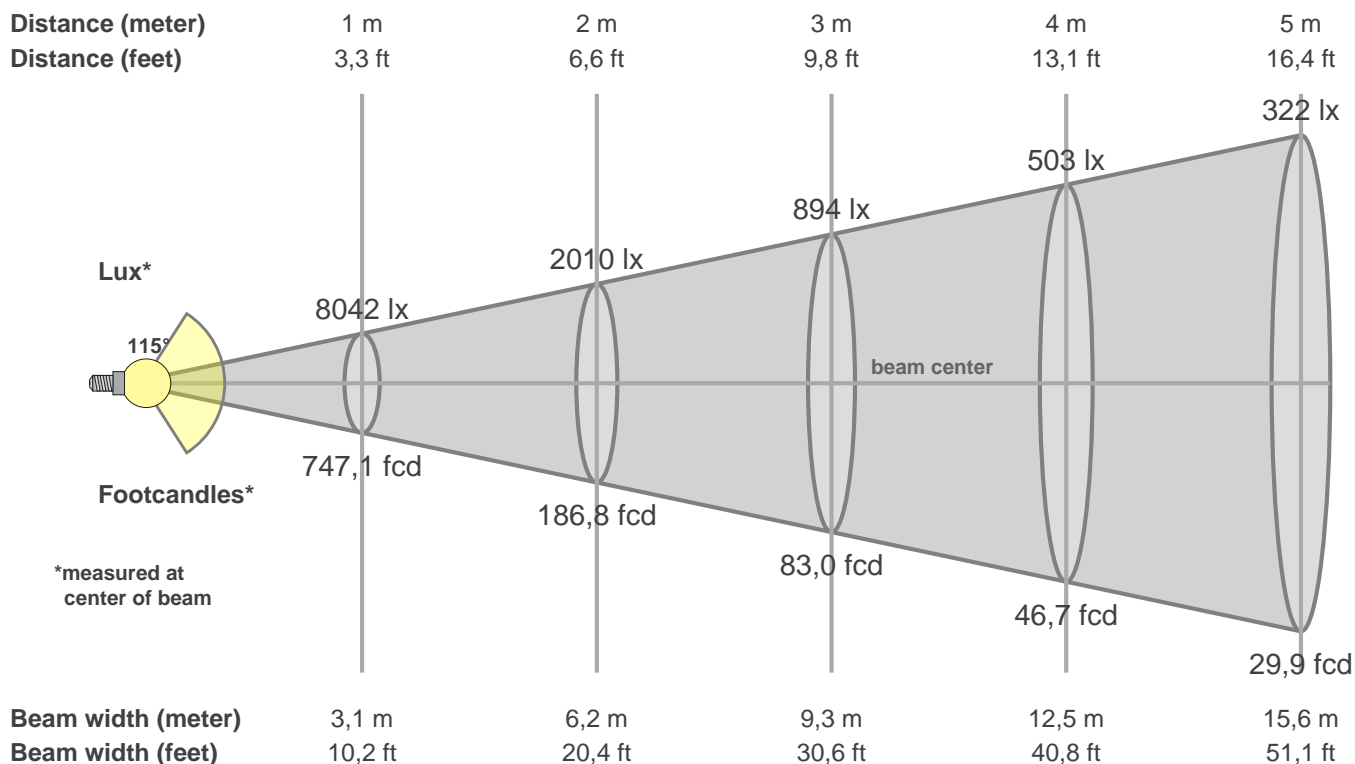
Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4162 K	84,1	13,2	82,1	97,4	78,4	0,4	0,4	0,2	0,3	0,0045

# 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°
8042	8017	7928	7774	7557	7281	6937	6535	6073	5564	4985	4354	3720	3130	2618	2174	1725	1256	800	411
100%	100%	99%	97%	94%	91%	86%	81%	76%	69%	62%	54%	46%	39%	33%	27%	21%	16%	10%	5%

### 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°
8042	8010	7928	7787	7579	7319	6987	6593	6137	5619	5024	4365	3636	2855	2047	1261	599	198	77	70
100%	100%	99%	97%	94%	91%	87%	82%	76%	70%	62%	54%	45%	36%	25%	16%	7%	2%	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°
8042	7999	7909	7756	7543	7278	6955	6565	6122	5602	5020	4406	3771	3170	2649	2195	1749	1294	837	446
100%	99%	98%	96%	94%	91%	86%	82%	76%	70%	62%	55%	47%	39%	33%	27%	22%	16%	10%	6%

### 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°
8042	8001	7909	7758	7542	7262	6922	6517	6046	5509	4902	4224	3480	2686	1881	1118	511	178	90	86
100%	99%	98%	96%	94%	90%	86%	81%	75%	69%	61%	53%	43%	33%	23%	14%	6%	2%	1%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
114,6°	169,0°	186,2°	74,5%	50,4%