

# СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

Эффективность света:

**118 Lumen/Watt**

Качество света:

**CRI: 83,1**

Цветовая температура:

**3929 K**

Поток: 1434 lm

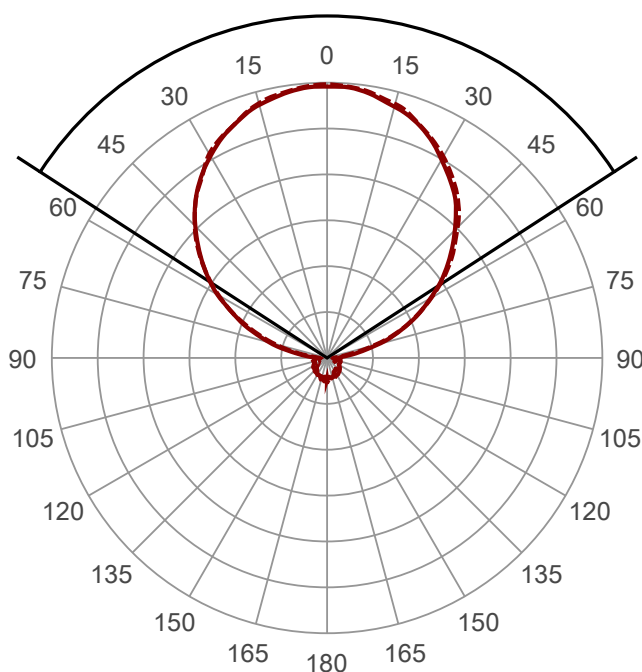
Интенс.: 448 cd

Мощн.: 12,1 W

КПД: 0,90

Угол пучка

**114,1°** (3 C-PLANES)

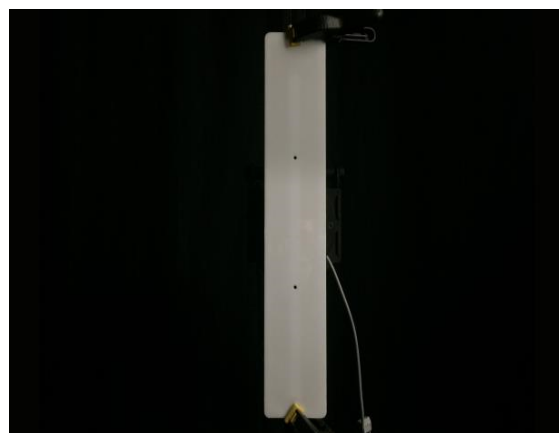
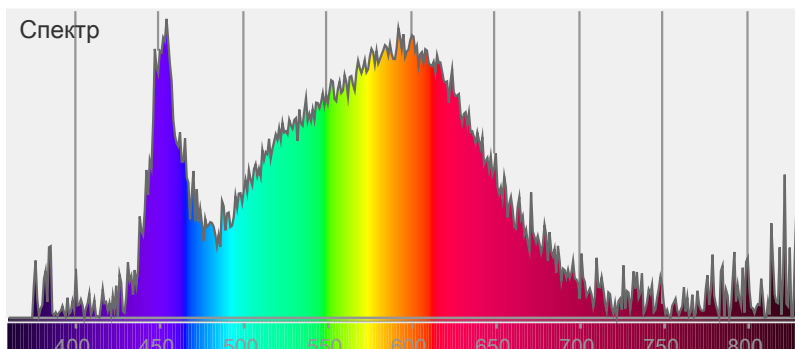


Цвет



CIE1931  
x: 0,386  
y: 0,385

Спектр



Название продукта:

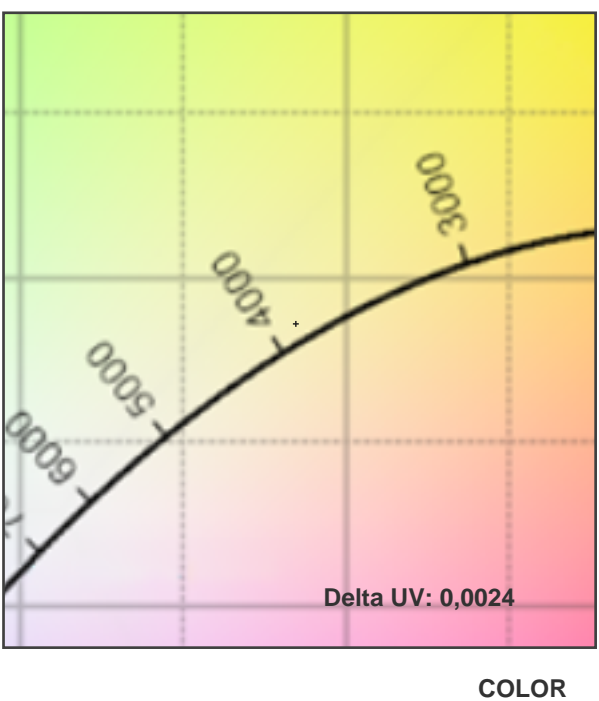
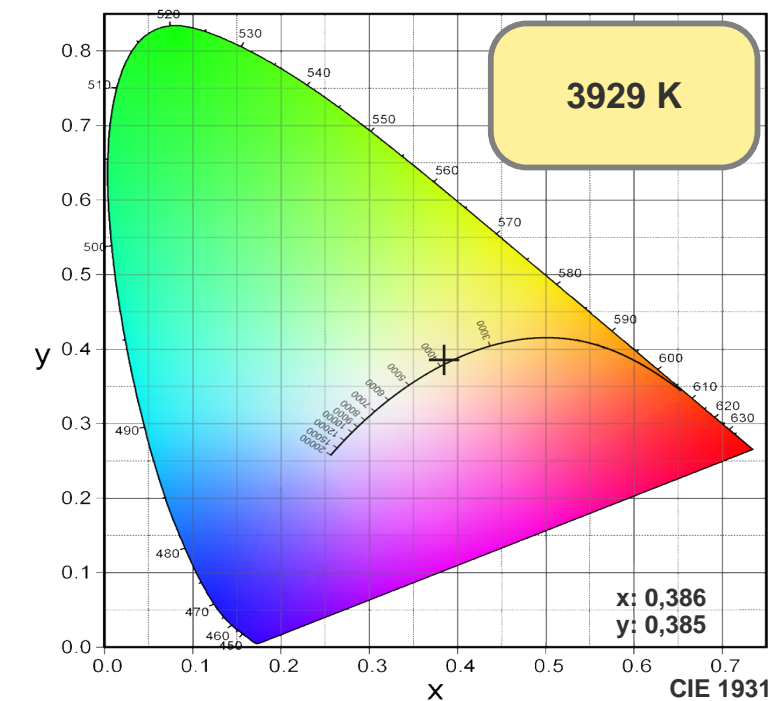
СС 03-У-М-14-590.130.15-4-0-65

Дата и время:

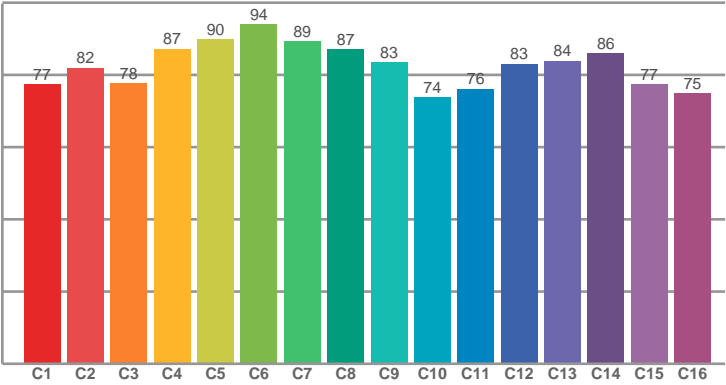
14.03.2016 12:07:21

Дополнительная информация:

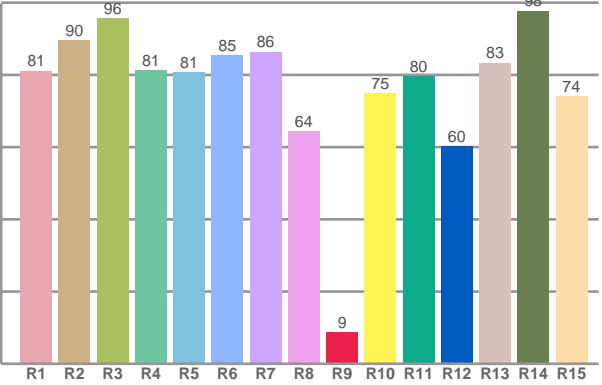




TM30: 82,3



CRI: 83,1 (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
81,11	89,59	95,65	81,23	80,67	85,44	86,34	64,39	8,65	74,87	79,67	60,18	83,32	97,72	74,09

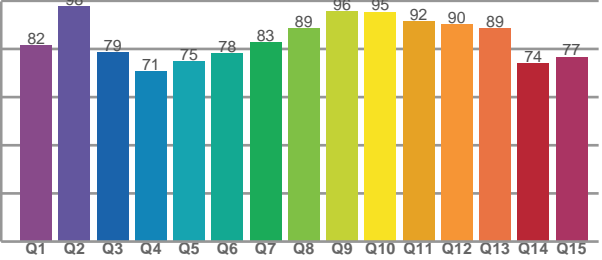
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
77,31	81,90	77,70	87,20	89,78	94,02	89,29	87,12	83,42	73,75	76,09	83,06	83,89	85,89	77,31	74,96

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
81,65	97,70	78,68	70,71	74,86	78,26	82,81	88,56	95,63	95,49	91,72	90,30	88,66	74,13	76,81

CQS: 82,3



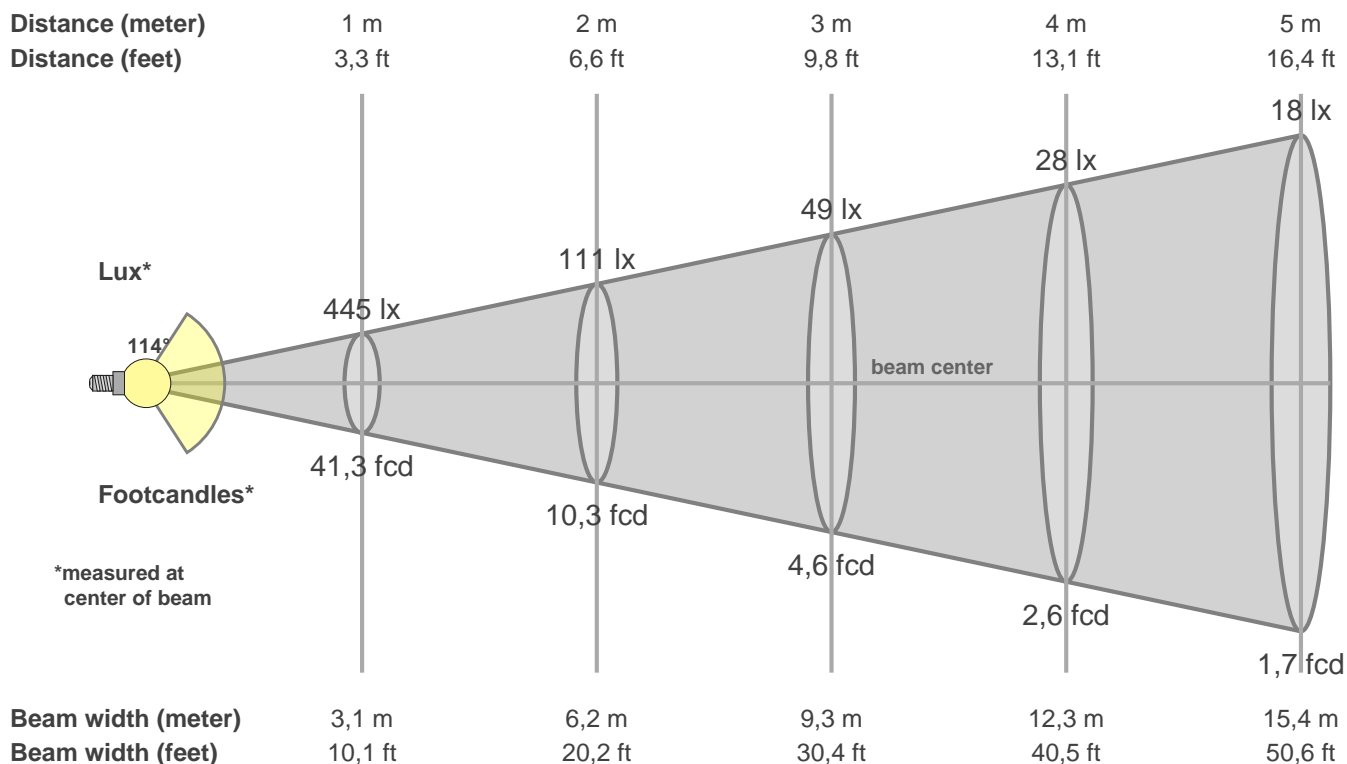
Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
3929 K	83,1	8,6	82,3	94,3	82,3	0,4	0,4	0,2	0,3	0,0024

# 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°
445	443	437	429	416	401	382	360	335	305	274	242	208	168	133	98	62	34	18	21
100%	100%	98%	96%	94%	90%	86%	81%	75%	69%	61%	54%	47%	38%	30%	22%	14%	8%	4%	5%

### 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°
445	445	440	432	417	403	386	359	335	306	275	241	205	168	128	90	54	25	13	13
100%	100%	99%	97%	94%	90%	87%	81%	75%	69%	62%	54%	46%	38%	29%	20%	12%	6%	3%	3%

### 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°
445	444	437	426	415	397	375	353	328	296	264	232	196	162	125	88	54	29	20	22
100%	100%	98%	96%	93%	89%	84%	79%	74%	67%	59%	52%	44%	36%	28%	20%	12%	7%	4%	5%

### 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°
445	445	439	430	417	400	381	359	334	302	270	235	198	160	123	81	42	19	11	10
100%	100%	99%	97%	94%	90%	86%	81%	75%	68%	61%	53%	44%	36%	28%	18%	9%	4%	2%	2%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
114,1°	162,3°	360,0°	70,8%	48,0%