

# СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

Эффективность света:

**141 Lumen/Watt**

Качество света:

**CRI: 83,7**

Цветовая температура:

**4077 K**

Поток: 1681 lm

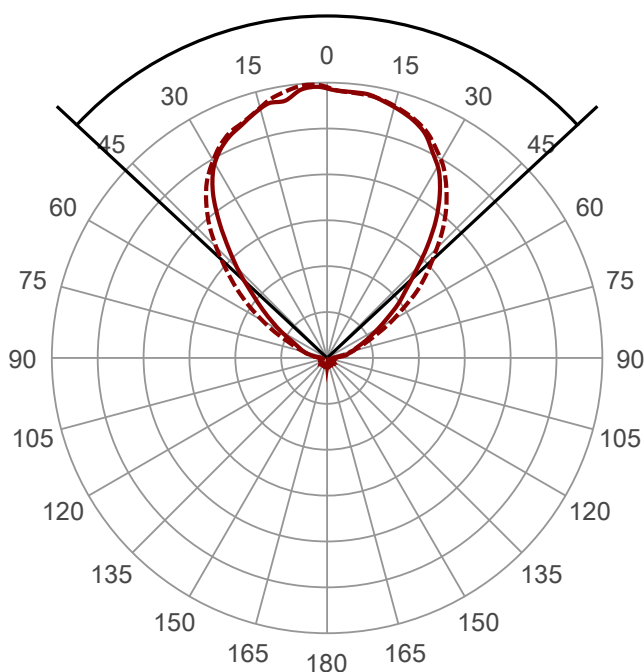
Интенс.: 696 cd

Мощн.: 11,9 W

КПД: 0,91

Угол пучка

**94,1°** (3 C-PLANES)

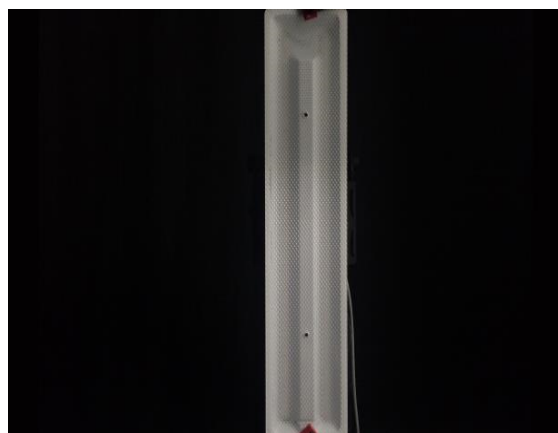
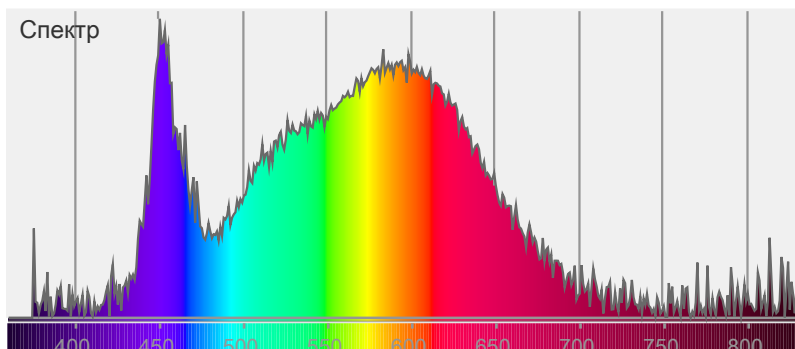


Цвет



CIE1931  
x: 0,379  
y: 0,379

Спектр



Название продукта:

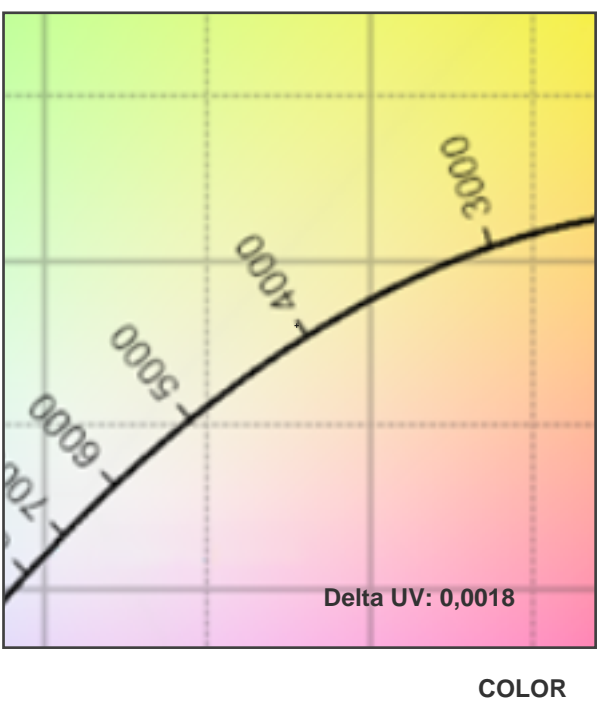
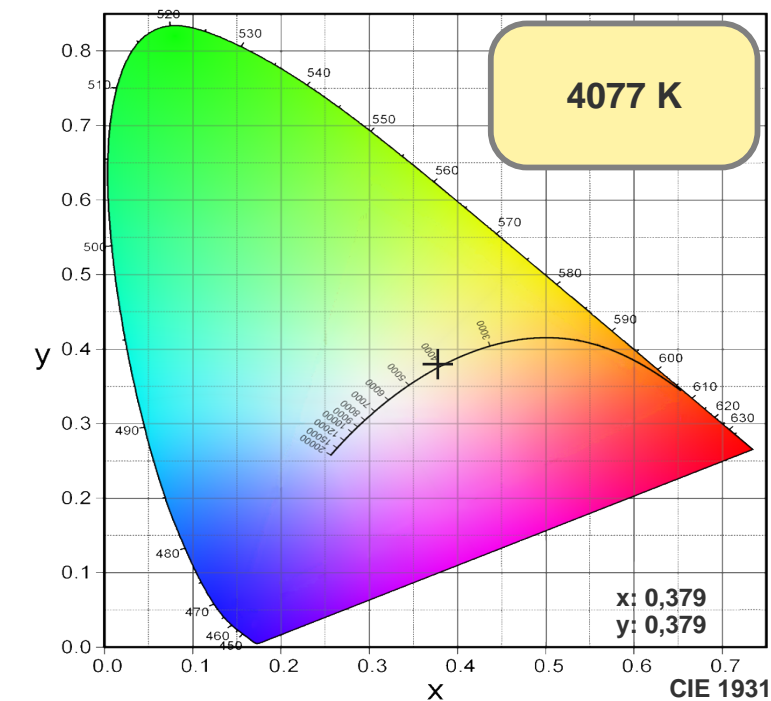
СС 03-У-А-14-590.130.15-4-0-65

Дата и время:

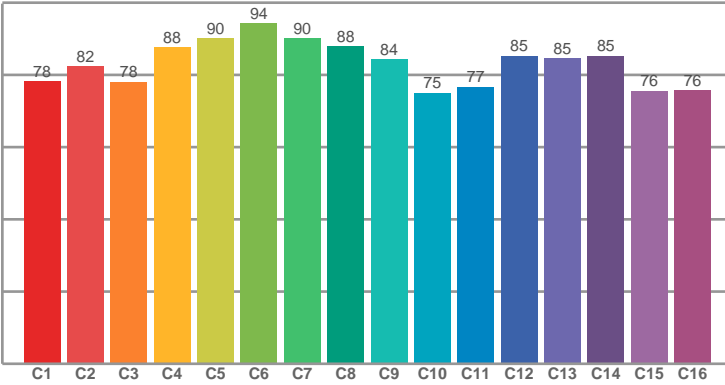
14.03.2016 15:10:35

Дополнительная информация:

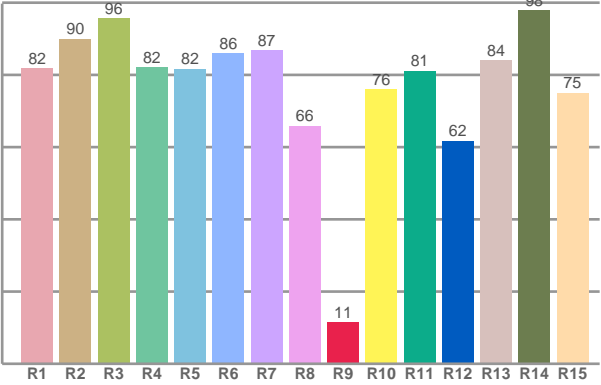




TM30: 82,9



CRI: 83,7 (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
81,81	89,93	95,70	82,14	81,62	85,99	86,76	65,86	11,50	75,99	81,12	61,73	83,94	97,85	75,03

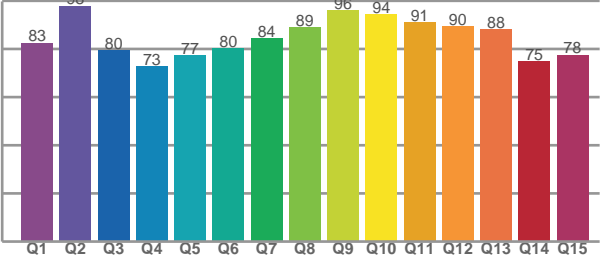
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
78,12	82,31	78,09	87,58	90,09	94,26	90,08	87,91	84,33	75,02	76,66	85,23	84,50	85,28	75,55	75,62

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
82,65	97,99	79,53	72,88	77,29	80,39	84,36	89,16	96,24	94,42	91,02	89,51	88,11	74,80	77,61

CQS: 83,2



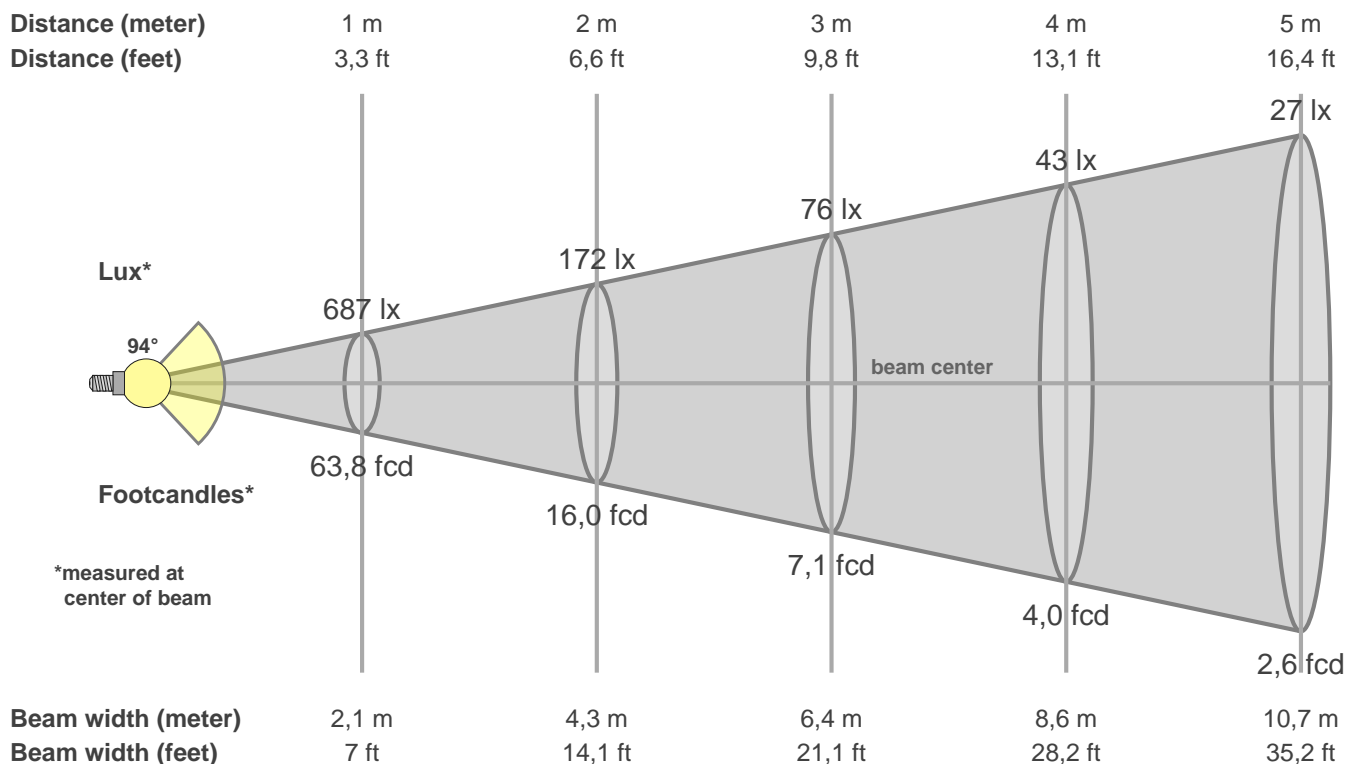
Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4077 K	83,7	11,5	82,9	94,5	83,2	0,4	0,4	0,2	0,3	0,0018

# 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°
687	686	663	655	631	608	570	504	412	323	243	184	136	97	76	61	43	29	15	16
100%	100%	97%	95%	92%	89%	83%	73%	60%	47%	35%	27%	20%	14%	11%	9%	6%	4%	2%	2%

### 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°
687	696	682	659	635	615	579	534	472	399	325	256	190	133	90	63	45	27	14	13
100%	101%	99%	96%	92%	90%	84%	78%	69%	58%	47%	37%	28%	19%	13%	9%	7%	4%	2%	2%

### 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°
687	679	675	660	643	609	562	498	416	327	257	201	151	113	84	69	52	34	17	16
100%	99%	98%	96%	94%	89%	82%	73%	61%	48%	37%	29%	22%	17%	12%	10%	8%	5%	2%	2%

### 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°
687	678	675	663	646	619	580	528	466	395	328	260	193	136	96	63	44	24	14	11
100%	99%	98%	97%	94%	90%	84%	77%	68%	58%	48%	38%	28%	20%	14%	9%	6%	4%	2%	2%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
94,1°	148,0°	360,0°	80,6%	59,9%