

# СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

Эффективность света:

**127 Lumen/Watt**

Качество света:

**CRI: 84,1**

Цветовая температура:

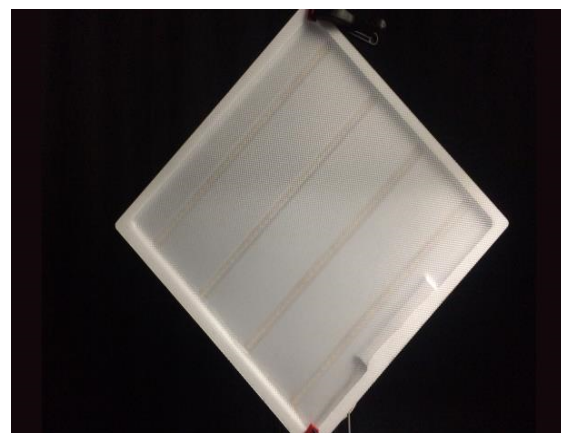
**4088 K**

Поток: 3297 lm

Интенс.: 1282 cd

Мощн.: 25,9 W

КПД: 0,92



Название продукта:

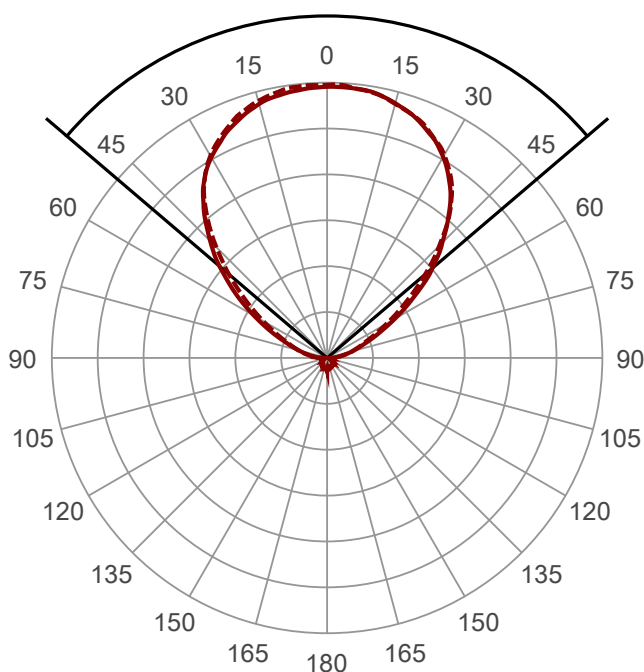
**СС 02-У-А-28-590.590.15-4-0-65**

Дата и время:

**15.03.2016 14:56:27**

Дополнительная информация:

Угол пучка **99,1°** (3 C-PLANES)

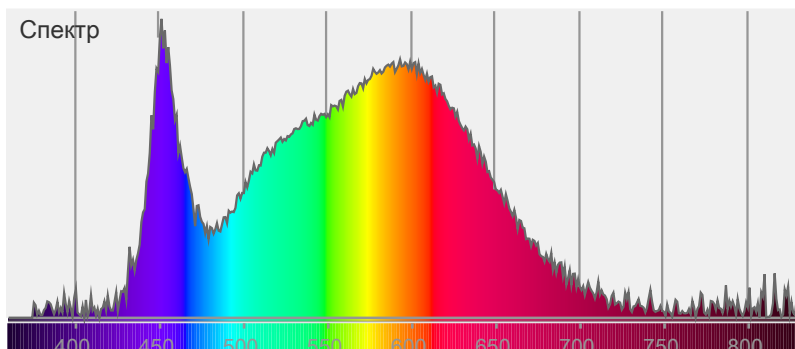


Цвет



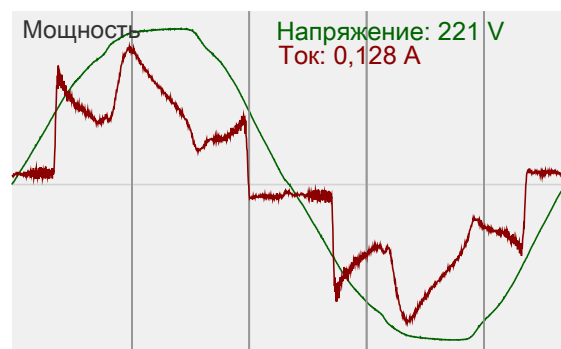
CIE1931  
x: 0,378  
y: 0,379

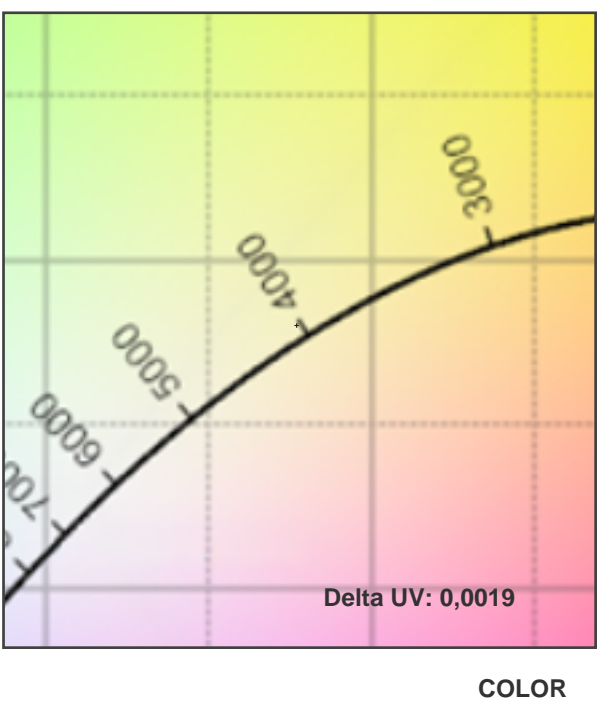
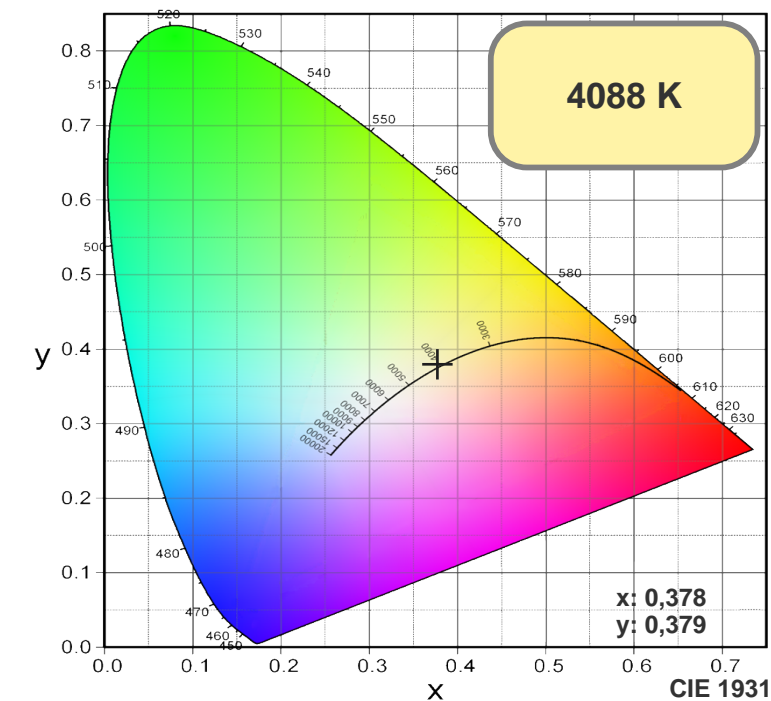
Спектр



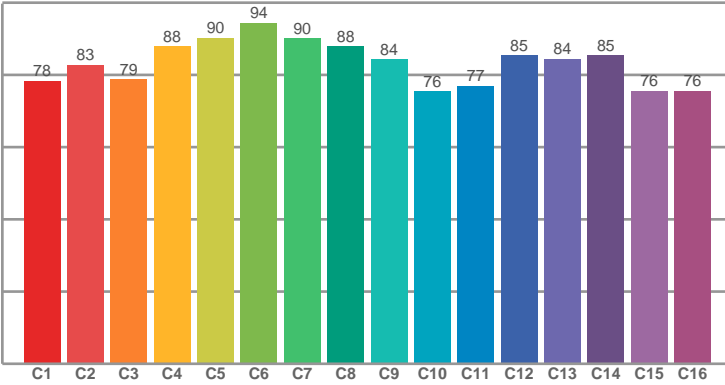
Мощность

Напряжение: 221 V  
Ток: 0,128 A

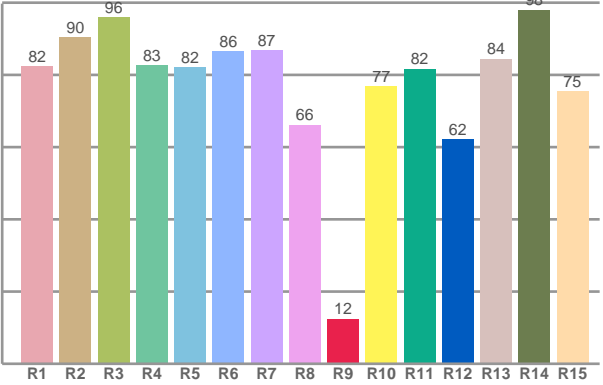




TM30: 83,1



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
82,27	90,32	95,88	82,57	82,09	86,42	86,85	66,17	12,39	76,82	81,67	62,21	84,46	97,97	75,44

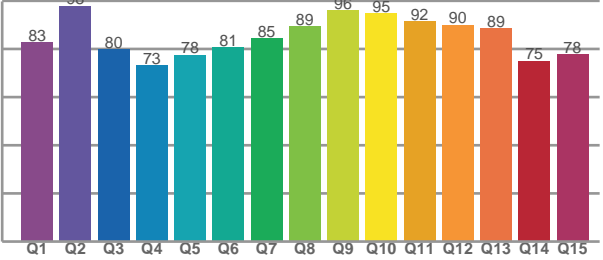
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
78,34	82,76	78,80	87,94	90,20	94,36	90,09	87,98	84,33	75,52	76,94	85,43	84,42	85,38	75,54	75,57

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
82,83	97,99	79,90	73,30	77,65	80,73	84,60	89,37	96,12	94,91	91,55	90,09	88,62	75,11	77,93

CQS: 83,5



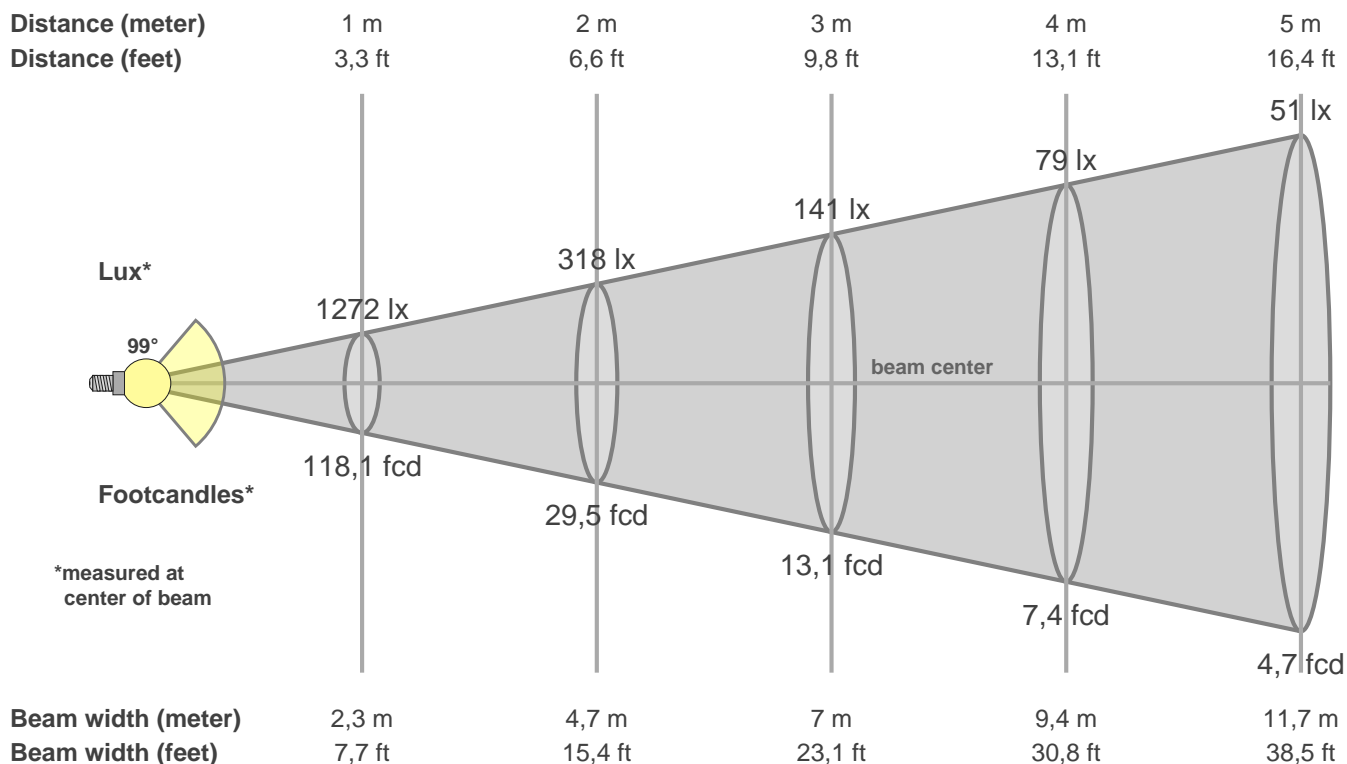
Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4088 K	84,1	12,4	83,1	94,5	83,5	0,4	0,4	0,2	0,3	0,0019

# 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°
1272	1264	1252	1232	1193	1146	1085	1006	898	775	650	521	395	286	199	138	93	58	17	13
100%	99%	98%	97%	94%	90%	85%	79%	71%	61%	51%	41%	31%	23%	16%	11%	7%	5%	1%	1%

### 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°
1272	1280	1270	1247	1212	1158	1093	1003	877	734	592	460	346	255	186	141	99	54	15	14
100%	101%	100%	98%	95%	91%	86%	79%	69%	58%	47%	36%	27%	20%	15%	11%	8%	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°
1272	1270	1263	1235	1201	1151	1087	1000	889	763	638	495	367	259	179	125	81	45	14	17
100%	100%	99%	97%	94%	91%	86%	79%	70%	60%	50%	39%	29%	20%	14%	10%	6%	4%	1%	1%

### 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°
1272	1274	1261	1233	1203	1156	1098	1014	896	744	590	445	325	229	167	124	82	44	16	16
100%	100%	99%	97%	95%	91%	86%	80%	70%	59%	46%	35%	26%	18%	13%	10%	6%	3%	1%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
99,1°	151,2°	360,0°	80,4%	58,6%