

# СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

Эффективность света:

**126 Lumen/Watt**

Качество света:

**CRI: 83,7**

Цветовая температура:

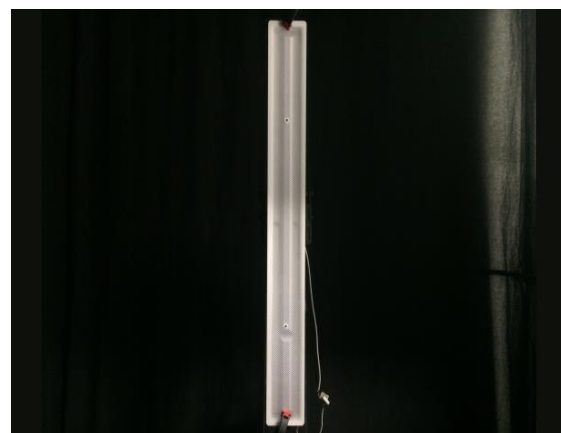
**4044 K**

Поток: 3177 lm

Интенс.: 1509 cd

Мощн.: 25,2 W

КПД: 0,91



Название продукта:

**СС 03-У-С-28-1190.130.15-4-0-65**

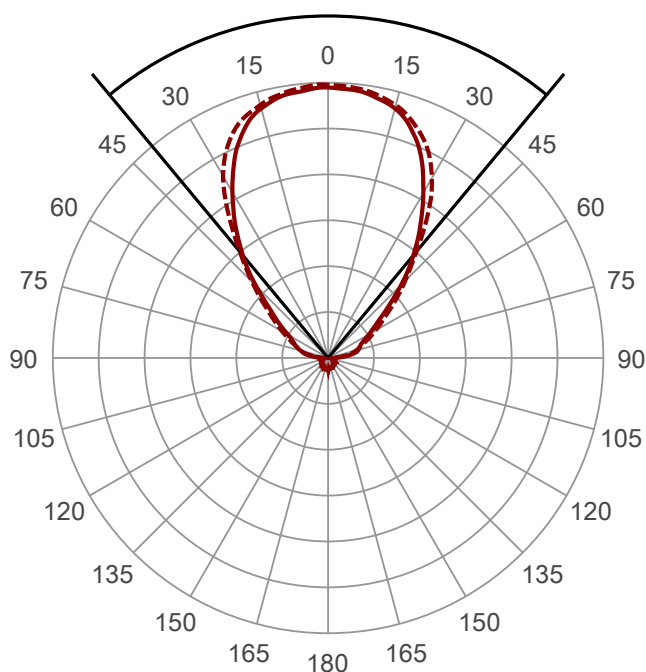
Дата и время:

**14.03.2016 17:54:33**

Дополнительная информация:

Угол пучка

**79,4°** (3 C-PLANES)

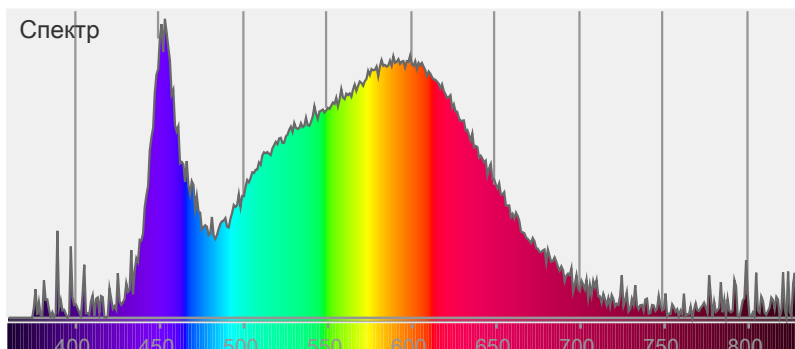


Цвет



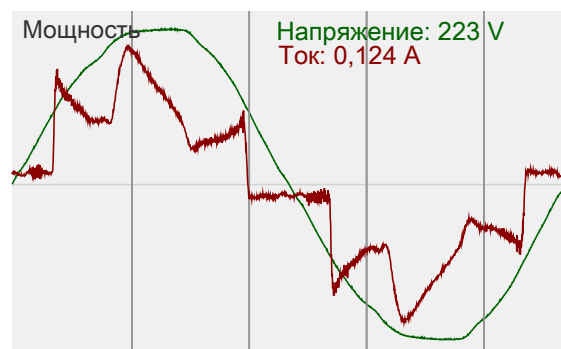
CIE1931  
x: 0,380  
y: 0,381

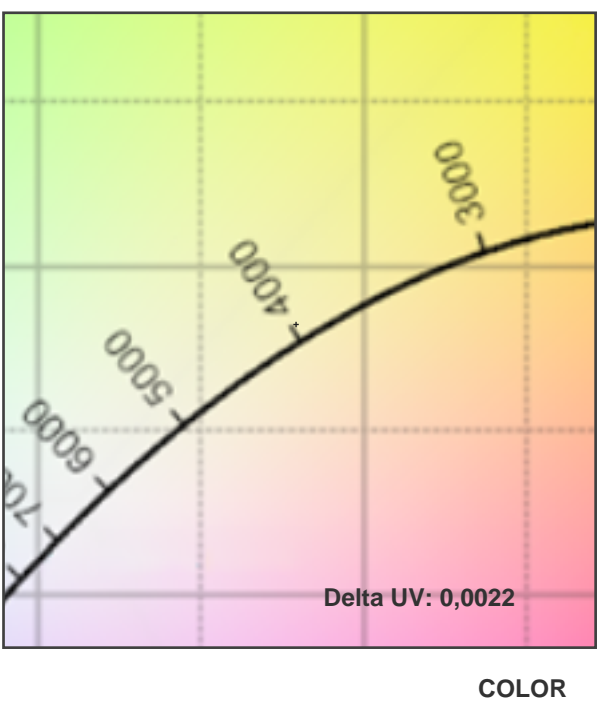
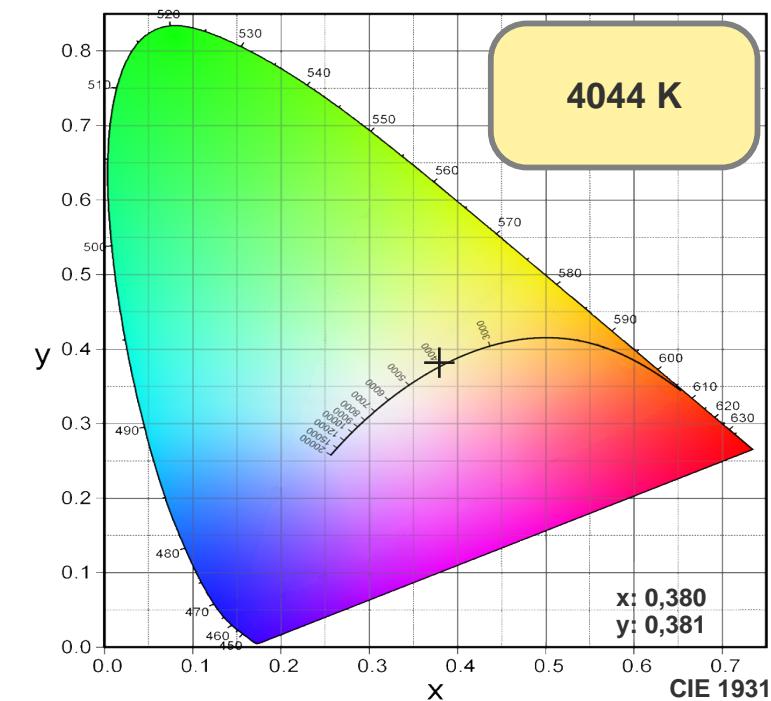
Спектр



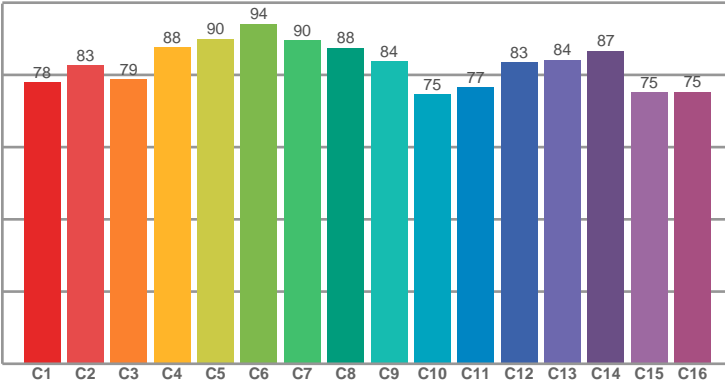
Мощность

Напряжение: 223 V  
Ток: 0,124 A

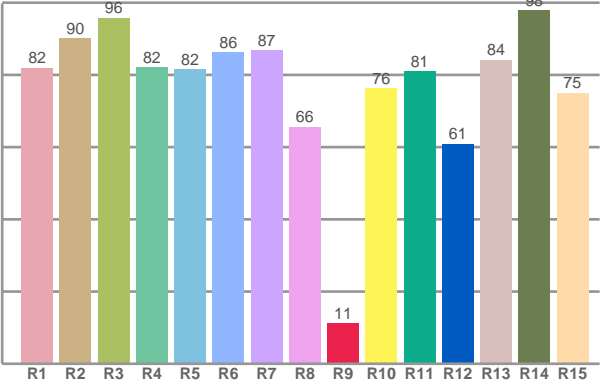




TM30: 82,8



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
81,93	90,12	95,81	82,07	81,58	86,13	86,71	65,59	11,08	76,18	80,95	60,87	84,15	97,88	74,99

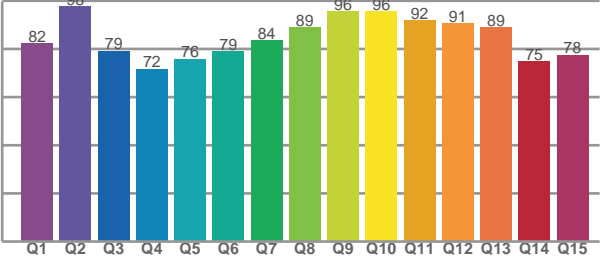
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
77,90	82,54	78,66	87,66	89,95	94,13	89,63	87,51	83,71	74,59	76,57	83,50	84,15	86,63	75,18	75,30

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
82,45	97,80	79,30	71,80	75,96	79,25	83,67	88,94	95,70	95,66	92,11	90,70	89,09	74,93	77,66

CQS: 82,9



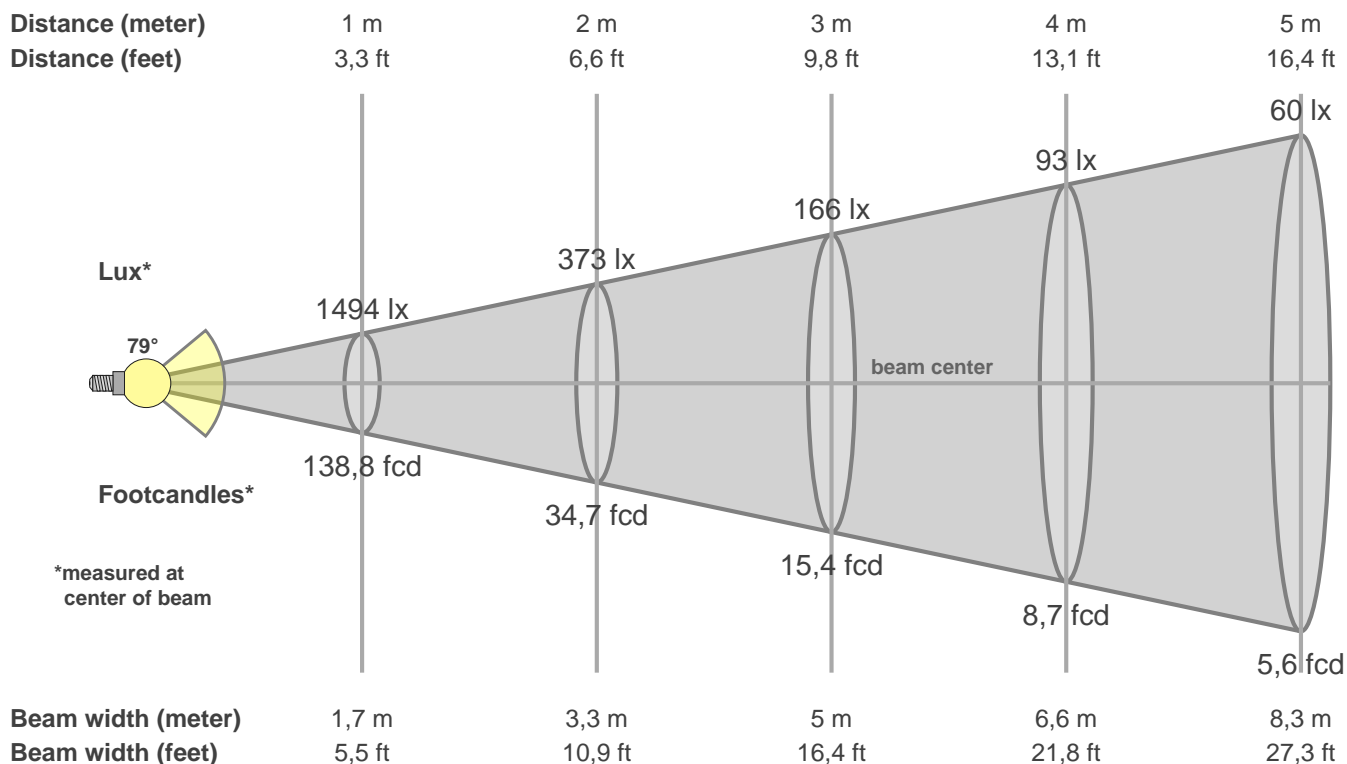
Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4044 K	83,7	11,1	82,8	94,2	82,9	0,4	0,4	0,2	0,3	0,0023

# 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°
1494	1480	1467	1424	1346	1217	1055	891	727	563	419	329	254	213	187	157	129	81	33	35
100%	99%	98%	95%	90%	81%	71%	60%	49%	38%	28%	22%	17%	14%	13%	11%	9%	5%	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°
1494	1499	1478	1444	1395	1301	1157	953	753	593	463	366	292	231	188	155	113	66	23	24
100%	100%	99%	97%	93%	87%	77%	64%	50%	40%	31%	25%	20%	15%	13%	10%	8%	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°
1494	1485	1462	1424	1341	1216	1051	886	728	571	426	324	261	213	187	173	144	92	36	35
100%	99%	98%	95%	90%	81%	70%	59%	49%	38%	29%	22%	17%	14%	13%	12%	10%	6%	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°
1494	1498	1479	1442	1378	1285	1144	955	753	601	477	373	302	243	194	160	115	64	23	20
100%	100%	99%	97%	92%	86%	77%	64%	50%	40%	32%	25%	20%	16%	13%	11%	8%	4%	2%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
79,4°	152,6°	360,0°	77,5%	61,0%