

# СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

Эффективность света:

**122 Lumen/Watt**

Качество света:

**CRI: 84,3**

Цветовая температура:

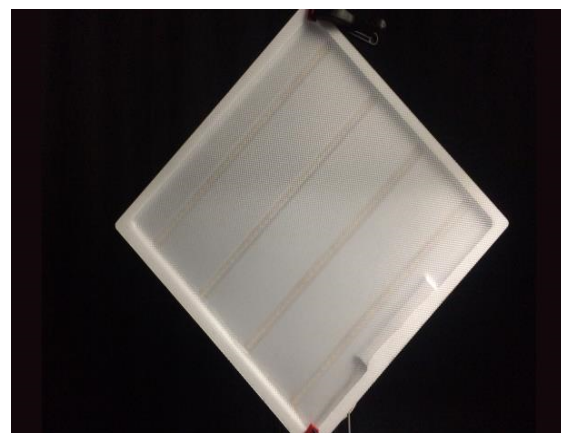
**4086 K**

Поток: 3202 lm

Интенс.: 1464 cd

Мощн.: 26,3 W

КПД: 0,92



Название продукта:

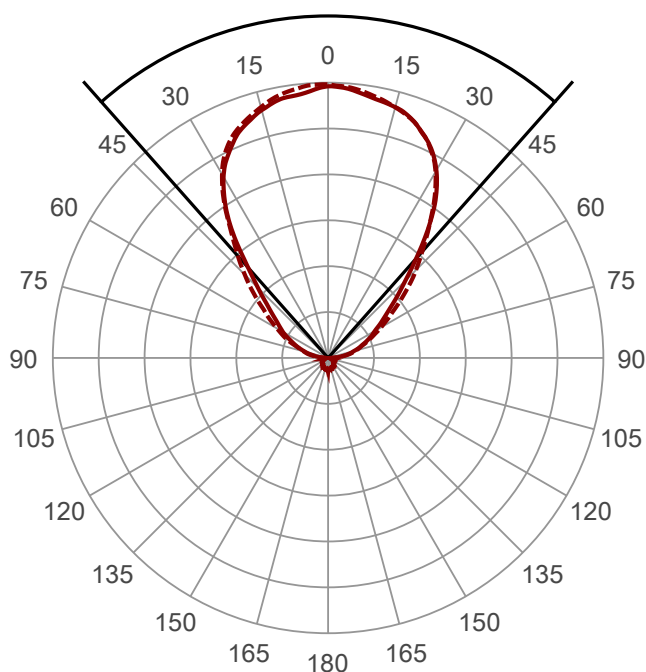
**СС 02-У-С-28-590.590.15-4-0-65**

Дата и время:

**15.03.2016 15:04:34**

Дополнительная информация:

Угол пучка **83°** (3 C-PLANES)

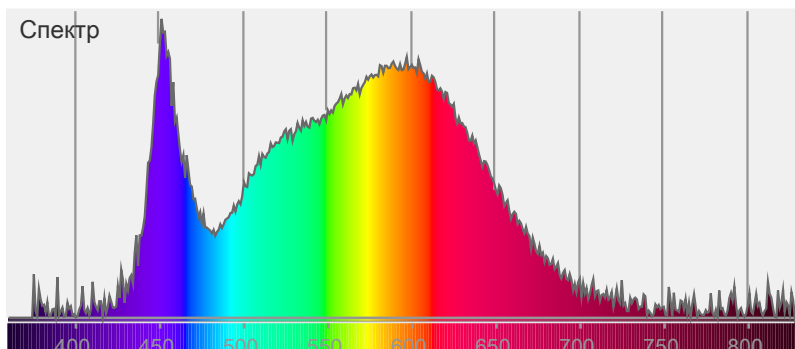


Цвет



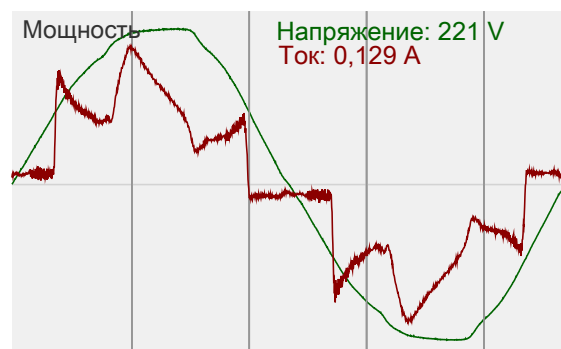
CIE1931  
x: 0,378  
y: 0,379

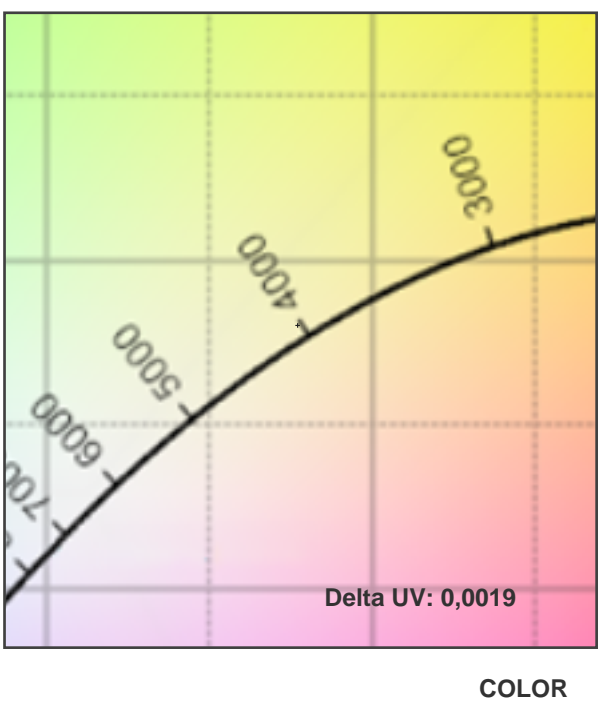
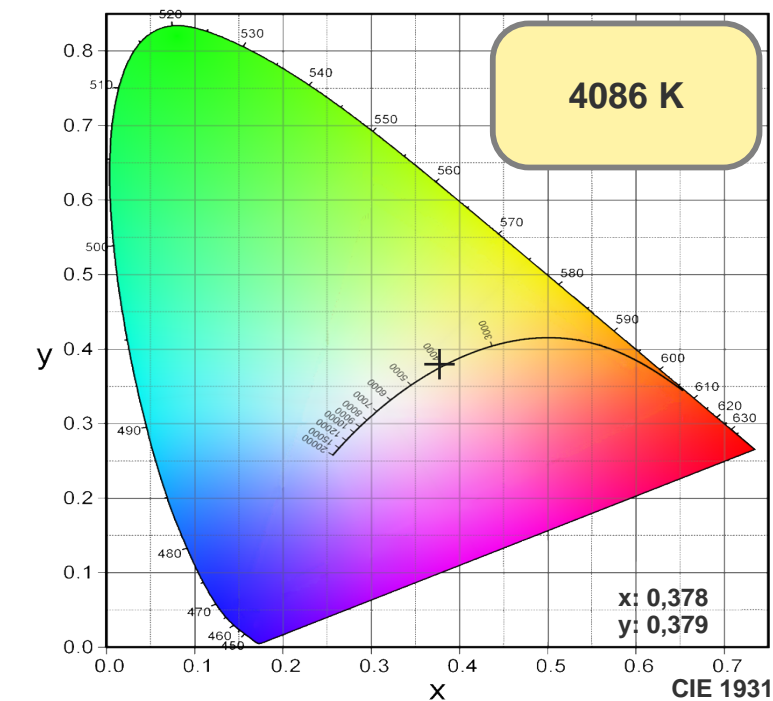
Спектр



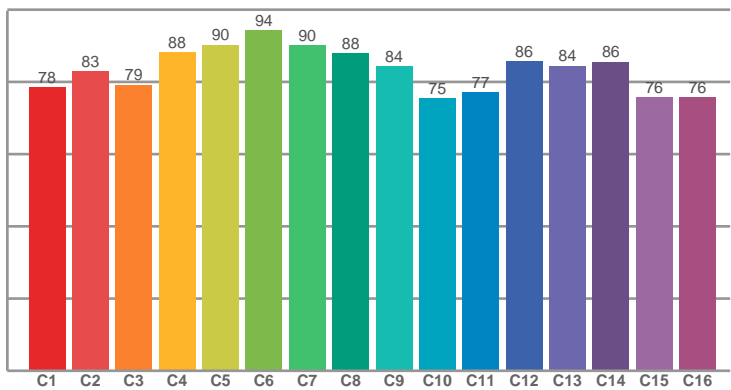
Мощность

Напряжение: 221 V  
Ток: 0,129 A

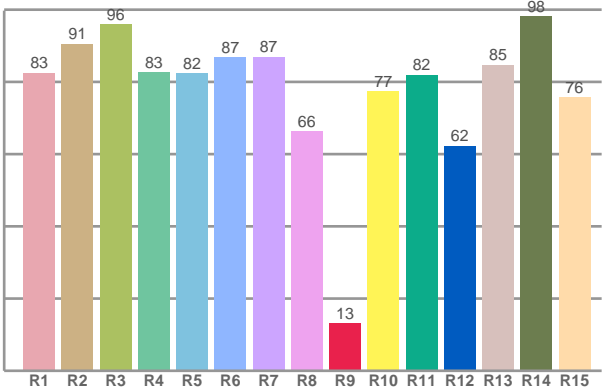




TM30: 83,2



CRI: 84,3 (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
82,52	90,51	96,01	82,70	82,29	86,73	86,89	66,36	13,11	77,29	81,92	62,29	84,70	98,08	75,67

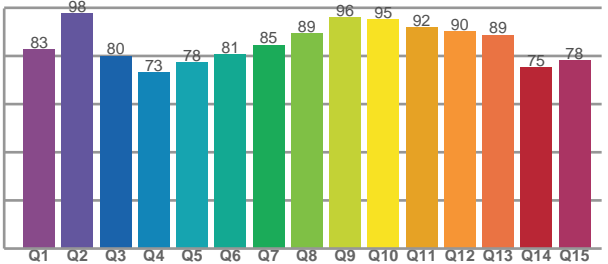
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
78,43	82,93	79,16	88,06	90,24	94,32	90,06	87,98	84,21	75,48	77,15	85,70	84,40	85,56	75,63	75,74

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
82,92	97,88	80,11	73,36	77,54	80,65	84,71	89,43	96,06	95,18	91,84	90,33	88,86	75,40	78,15

CQS: 83,6



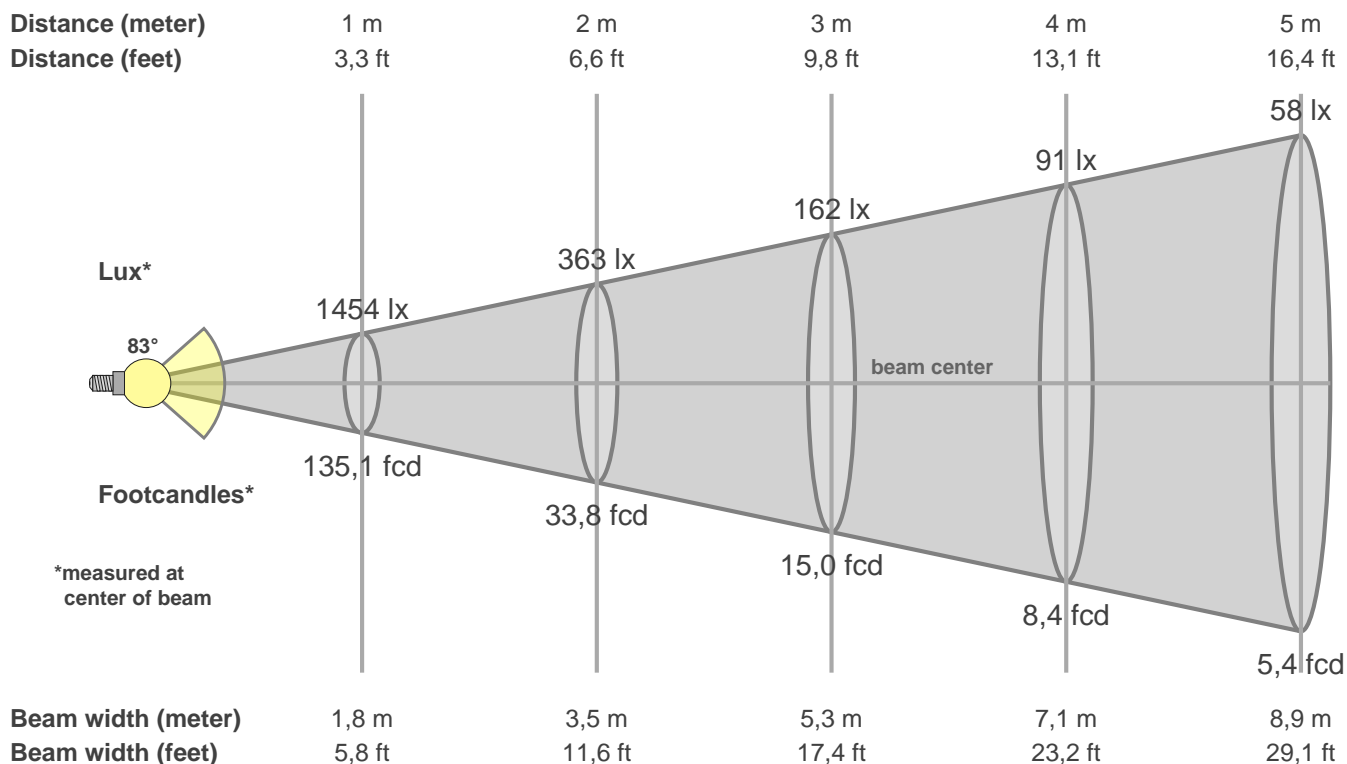
Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4086 K	84,3	13,1	83,2	94,5	83,6	0,4	0,4	0,2	0,3	0,0019

# 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°
1454	1424	1410	1372	1319	1235	1119	941	711	532	412	333	280	222	174	128	83	41	13	16
100%	98%	97%	94%	91%	85%	77%	65%	49%	37%	28%	23%	19%	15%	12%	9%	6%	3%	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°
1454	1459	1434	1390	1336	1262	1134	952	773	631	504	400	317	252	183	136	100	52	14	16
100%	100%	99%	96%	92%	87%	78%	65%	53%	43%	35%	28%	22%	17%	13%	9%	7%	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°
1454	1440	1411	1389	1346	1271	1158	992	776	585	454	359	290	240	189	144	103	58	20	17
100%	99%	97%	96%	93%	87%	80%	68%	53%	40%	31%	25%	20%	16%	13%	10%	7%	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°
1454	1450	1423	1389	1345	1267	1150	979	806	666	533	415	328	255	196	153	114	57	18	18
100%	100%	98%	96%	93%	87%	79%	67%	55%	46%	37%	29%	23%	18%	14%	11%	8%	4%	1%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
83,0°	150,8°	360,0°	78,8%	61,1%