

# СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

Эффективность света:

**128 Lumen/Watt**

Качество света:

**CRI: 86,4**

Цветовая температура:

**4115 K**

Поток: 6934 lm

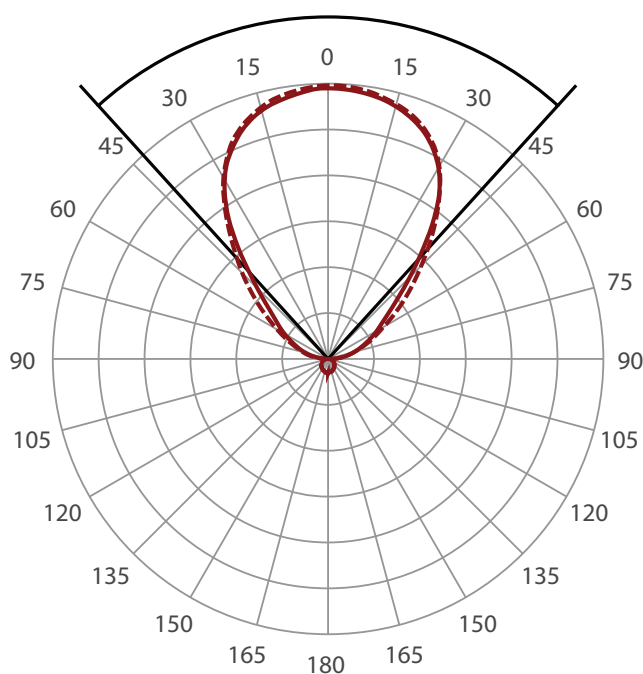
Интенс.: 3137 cd

Мощн.: 54,0 W

КПД: 0,92

Угол пучка

**84,4°** (3 C-PLANES)

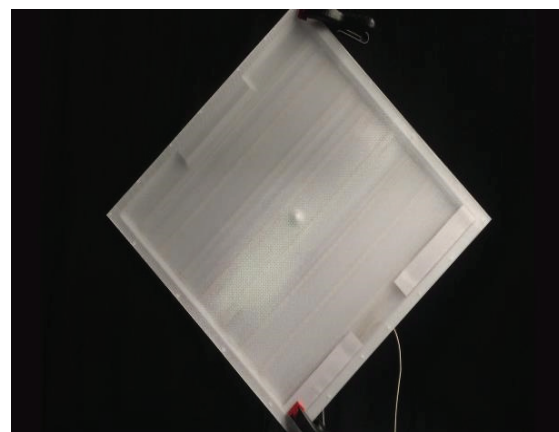
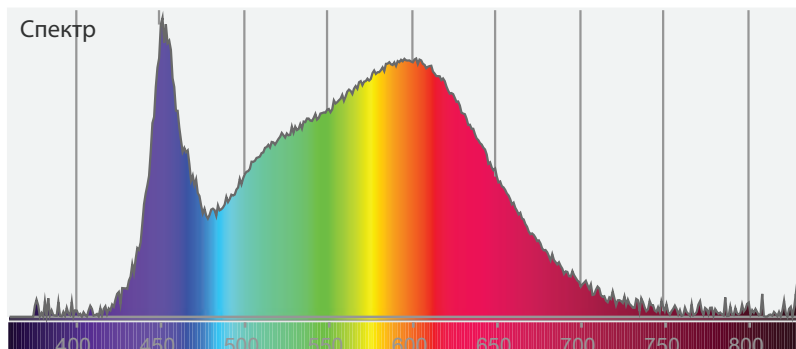


Цвет



CIE1931  
x: 0,376  
y: 0,376

Спектр

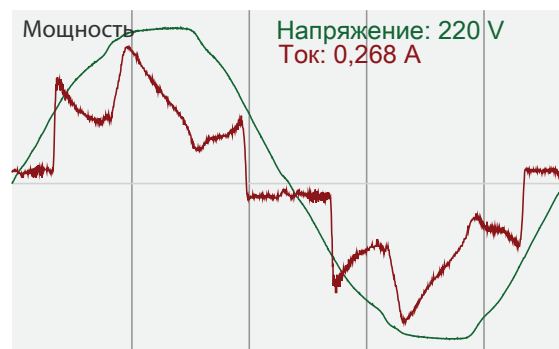


Название продукта:

СС 02-У-С-56-590.590.15-4-0-65

Дата и время:

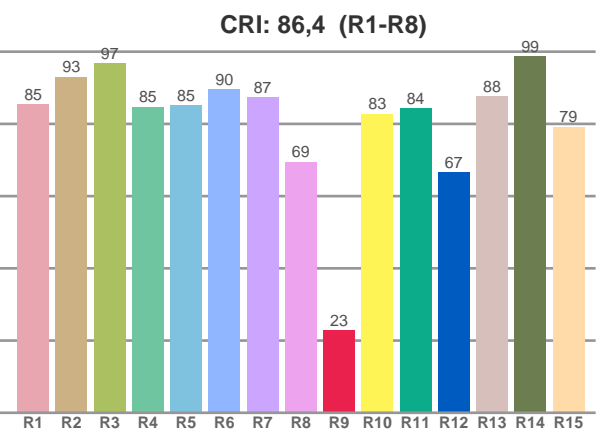
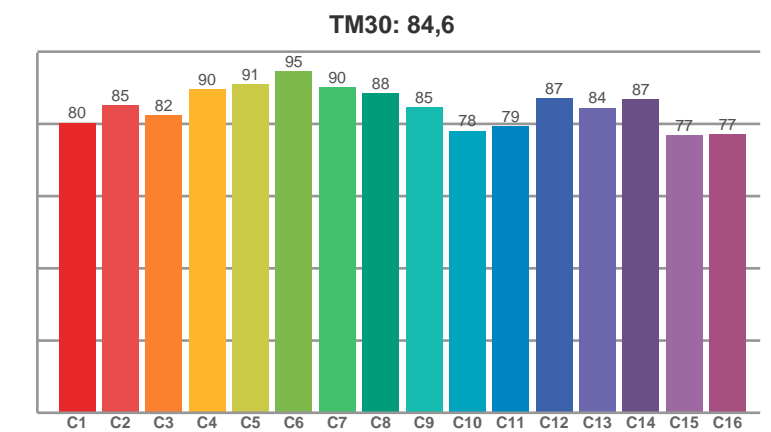
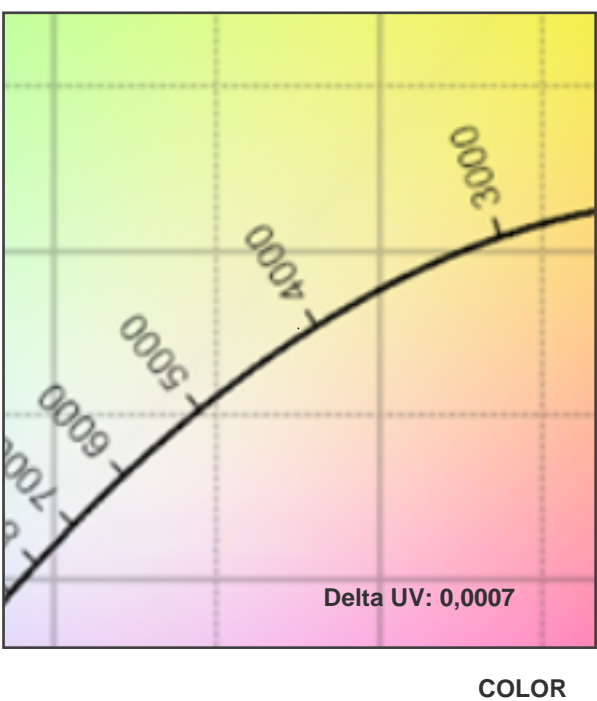
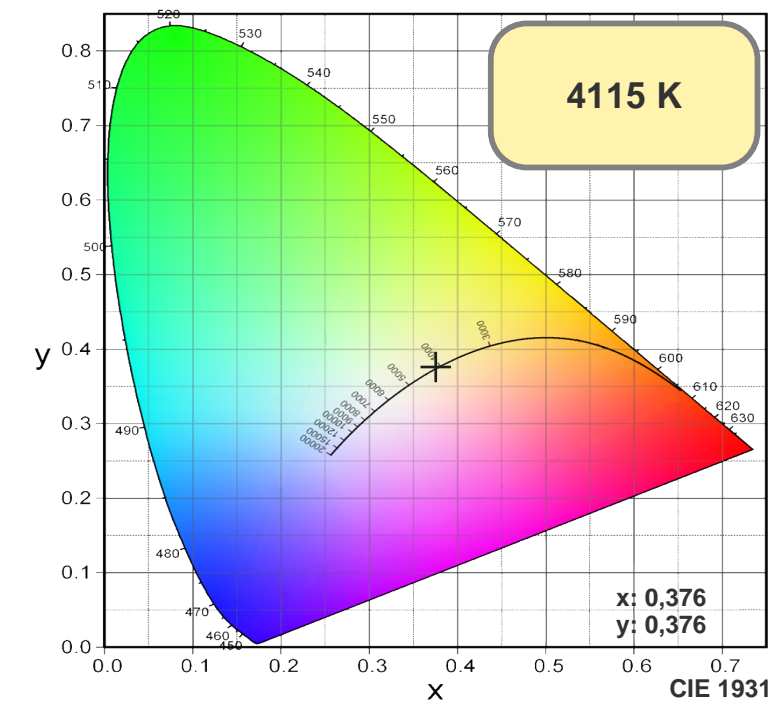
26.04.2016 12:13:14



СЕВЕРО-ЗАПАДНАЯ  
СВЕТОТЕХНИЧЕСКАЯ  
ЛАБОРАТОРИЯ

Colormetrics

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CRI R values, only R1-R8 are used to calculate final CRI value

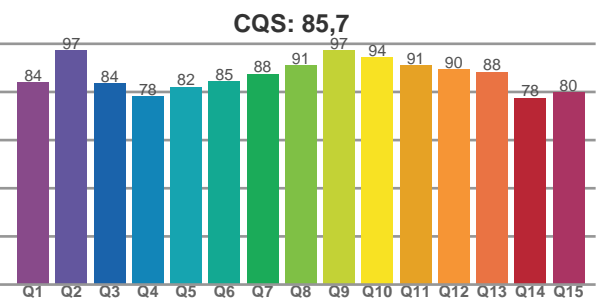
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
85,37	92,97	96,75	84,69	85,15	89,61	87,38	69,44	22,75	82,75	84,38	66,63	87,66	98,74	79,17

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
80,25	85,03	82,36	89,62	90,90	94,59	90,14	88,46	84,60	78,04	79,39	86,98	84,41	86,72	76,87	77,10

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
83,95	97,41	83,56	78,42	82,23	84,59	87,59	91,06	97,26	94,38	91,09	89,56	88,42	77,62	80,06



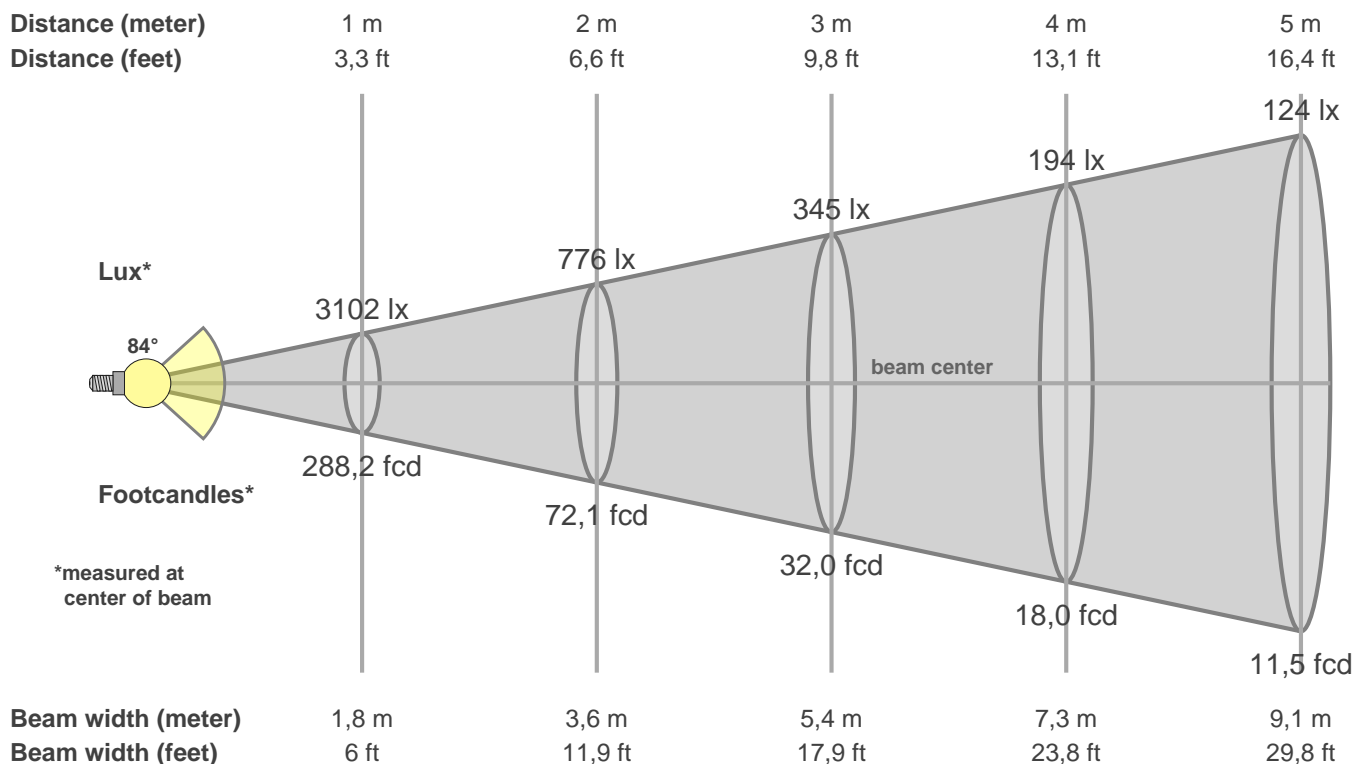
Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4115 K	86,4	22,8	84,6	94,9	85,7	0,4	0,4	0,2	0,3	0,0007

# 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°
3102	3074	3020	2944	2817	2626	2364	1997	1546	1155	875	707	577	456	357	260	170	81	26	32
100%	99%	97%	95%	91%	85%	76%	64%	50%	37%	28%	23%	19%	15%	12%	8%	5%	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°
3102	3111	3064	2981	2855	2662	2393	2049	1698	1391	1112	873	674	519	393	296	207	94	25	30
100%	100%	99%	96%	92%	86%	77%	66%	55%	45%	36%	28%	22%	17%	13%	10%	7%	3%	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°
3102	3091	3057	2996	2898	2748	2527	2191	1742	1326	1009	791	647	523	411	314	222	128	48	30
100%	100%	99%	97%	93%	89%	81%	71%	56%	43%	33%	25%	21%	17%	13%	10%	7%	4%	2%	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°
3102	3125	3087	3022	2934	2778	2544	2216	1858	1515	1221	965	735	574	435	315	219	125	39	32
100%	101%	100%	97%	95%	90%	82%	71%	60%	49%	39%	31%	24%	19%	14%	10%	7%	4%	1%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
84,4°	148,5°	360,0°	78,9%	61,0%