

# СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

Эффективность света:

**124 Lumen/Watt**

Качество света:

**CRI: 85,3**

Цветовая температура:

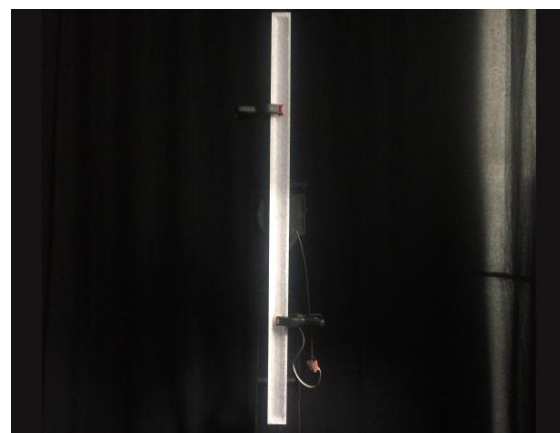
**4223 K**

Поток: 1880 lm

Интенс.: 761 cd

Мощн.: 15,2 W

КПД: 0,94



Название продукта:

СС 03-У-А-14-1190.65.15-4-0-65

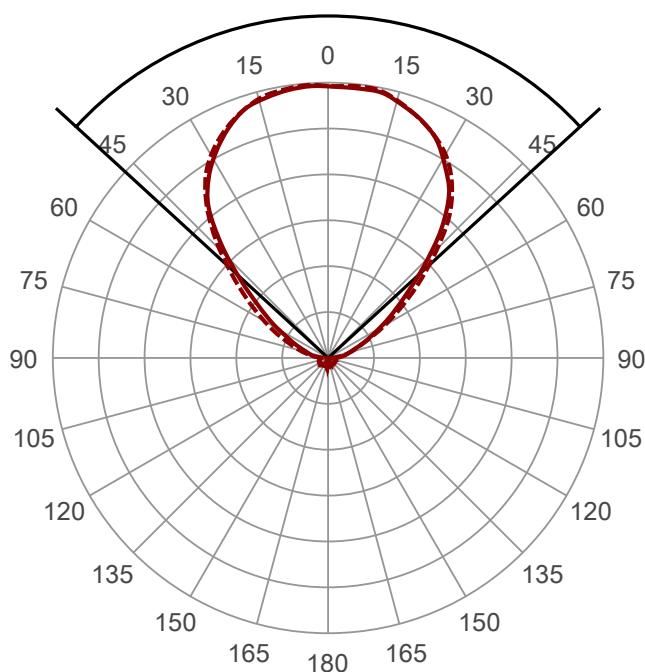
Дата и время:

01.08.2016 15:47:12

Угол пучка

**94,9°**

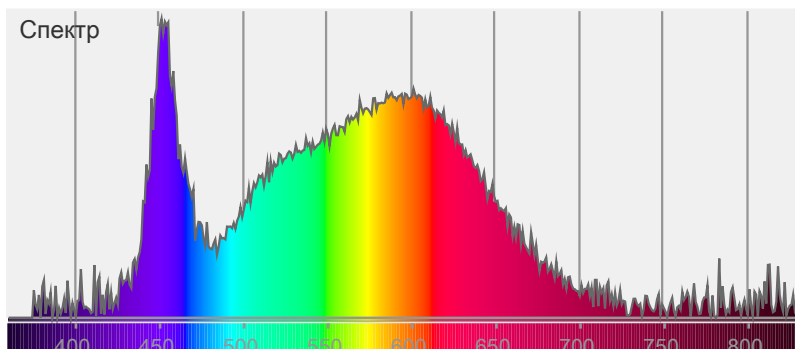
(4 PLANES)  
8 C-Planes



Цвет

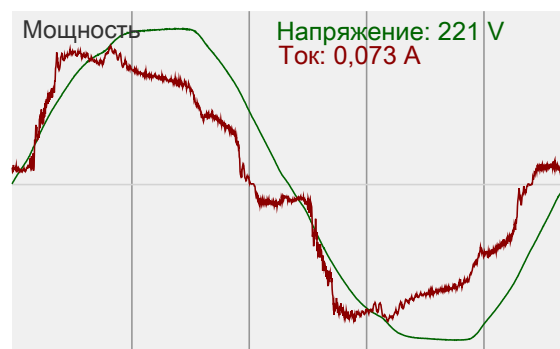
CIE1931  
x: 0,370  
y: 0,366

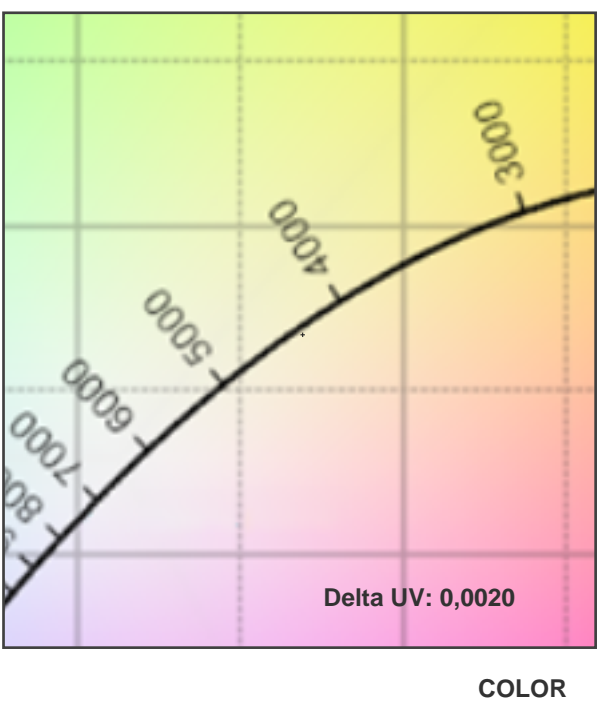
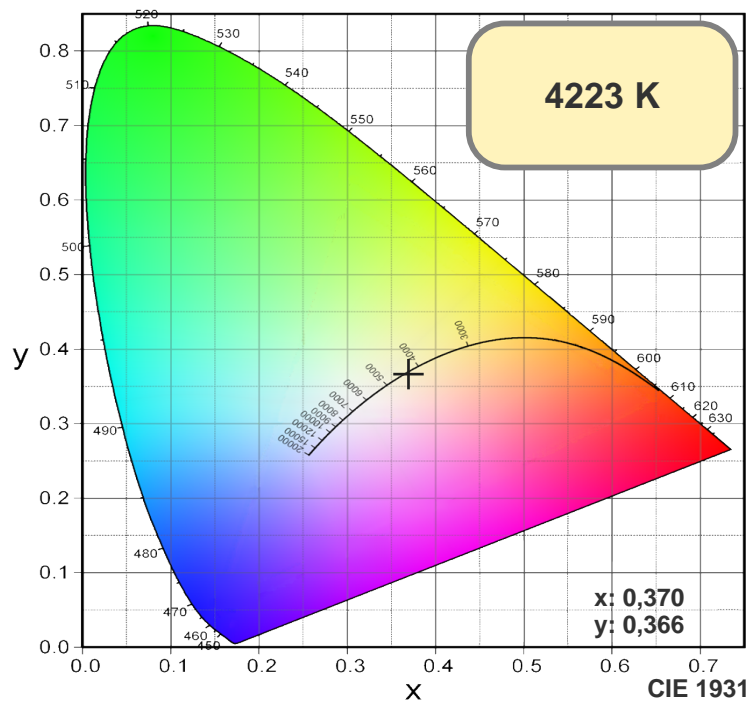
Спектр



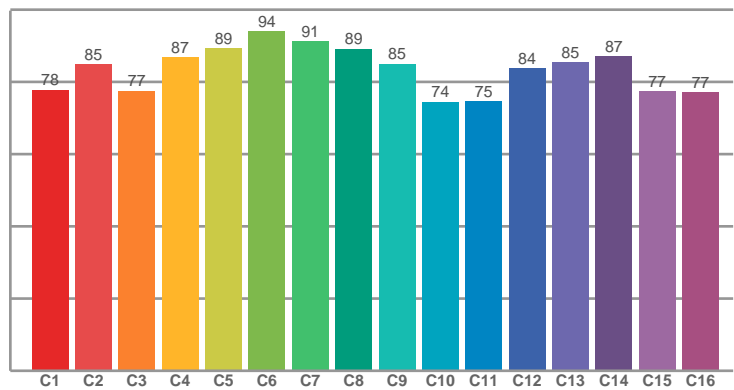
Мощность

Напряжение: 221 V  
Ток: 0,073 A

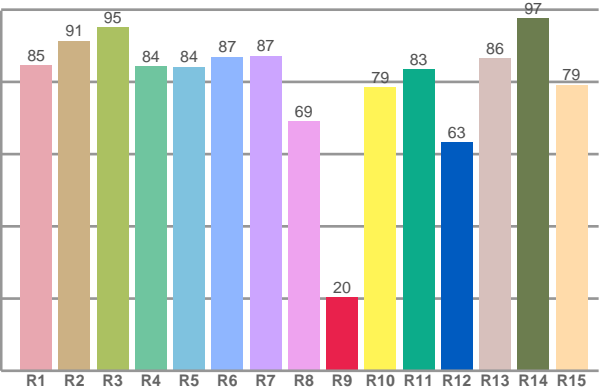




TM30: 83,1



CRI: 85,3 (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
84,50	91,34	95,00	84,21	84,16	86,93	87,16	69,14	20,22	78,51	83,44	63,17	86,49	97,48	79,14

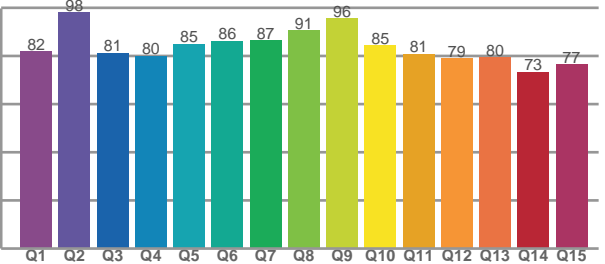
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
77,76	84,83	77,47	86,68	89,18	93,95	91,19	89,11	84,99	74,45	74,66	83,70	85,39	87,12	77,43	77,05

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
81,96	98,24	81,40	80,15	85,13	86,34	86,53	90,77	95,62	84,56	80,94	79,14	79,63	73,47	76,73

CQS: 82,8



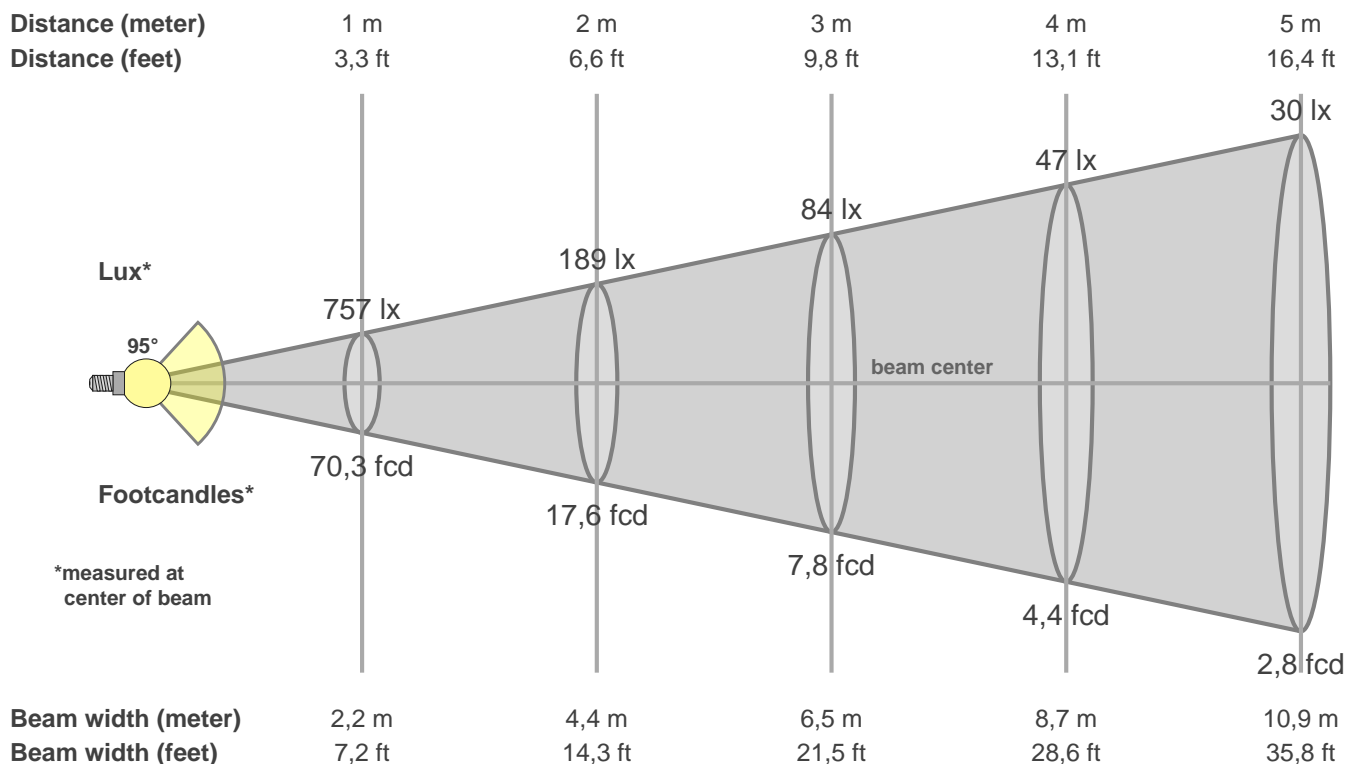
Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4223 K	85,3	20,2	83,1	96,1	82,8	0,4	0,4	0,2	0,3	0,0020

# 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°
757	758	752	741	721	684	638	582	502	397	297	220	162	116	84	61	48	35	24	24
100%	100%	99%	98%	95%	90%	84%	77%	66%	52%	39%	29%	21%	15%	11%	8%	6%	5%	3%	3%

### Intensities in 90° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
757	760	755	745	722	690	650	594	516	427	340	266	206	155	113	81	56	31	13	11
100%	100%	100%	98%	95%	91%	86%	78%	68%	56%	45%	35%	27%	20%	15%	11%	7%	4%	2%	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°
757	756	754	740	718	688	641	584	502	397	299	225	166	122	87	64	50	36	25	20
100%	100%	100%	98%	95%	91%	85%	77%	66%	52%	39%	30%	22%	16%	11%	8%	7%	5%	3%	3%

### Intensities in 270° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
757	759	758	741	717	689	652	598	526	430	336	253	184	127	90	67	44	22	11	11
100%	100%	100%	98%	95%	91%	86%	79%	69%	57%	44%	33%	24%	17%	12%	9%	6%	3%	1%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
94,9°	147,2°	360,0°	80,6%	60,2%