

# СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

Эффективность света:

**114 Lumen/Watt**

Качество света:

**CRI: 85,1**

Цветовая температура:

**4045 K**

Поток: 5954 lm

Интенс.: 1802 cd

Мощн.: 52,4 W

КПД: 0,92



Название продукта:

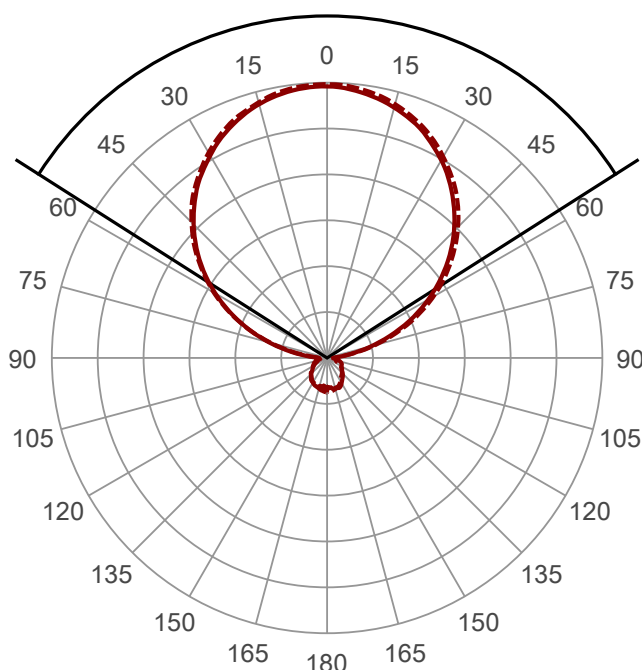
**СС**

**03-У-М-56-1190.130.15-4-0-65**

Дата и время:

**07.06.2016 10:56:31**

Угол пучка **115°** (3 C-PLANES)

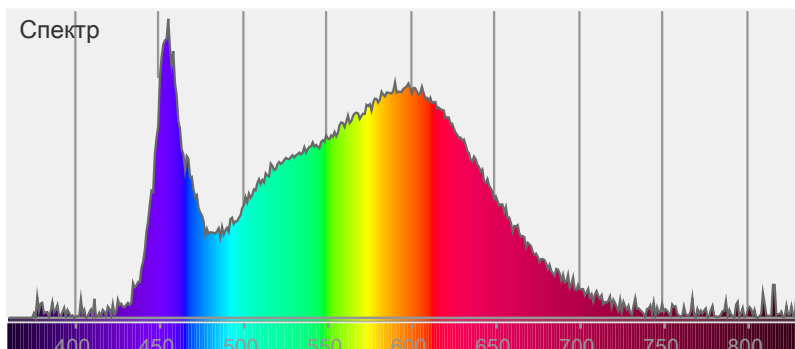


Цвет



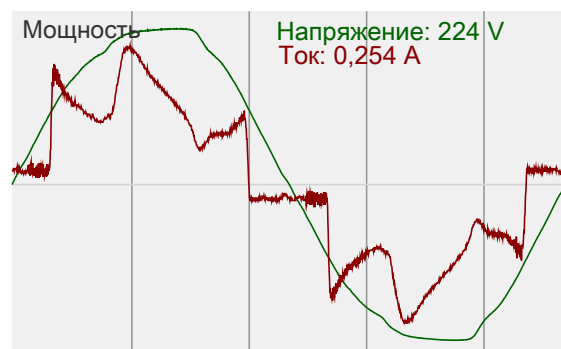
CIE1931  
x: 0,379  
y: 0,376

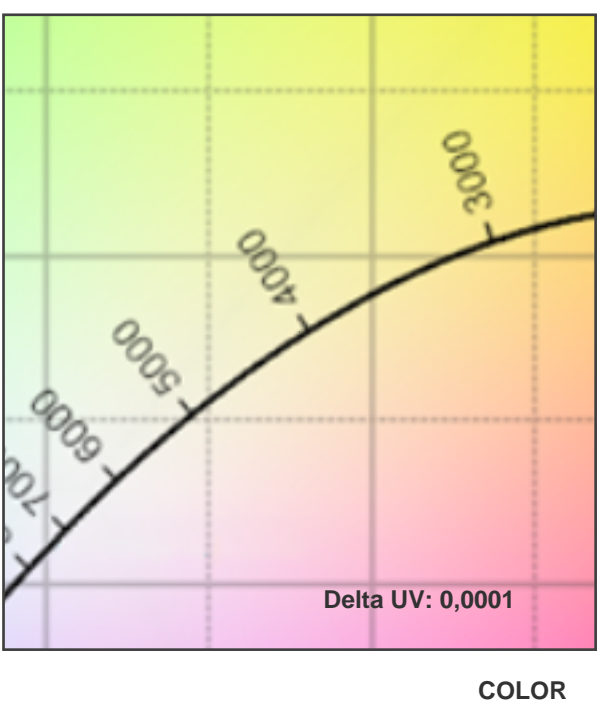
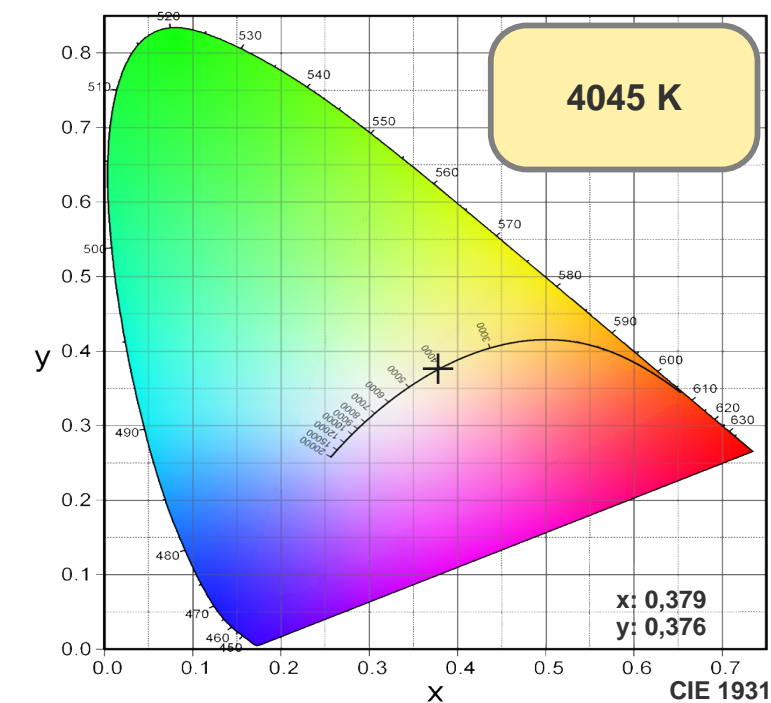
Спектр



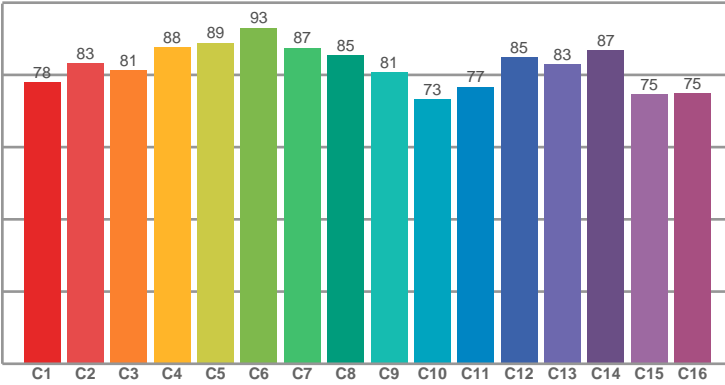
Мощность

Напряжение: 224 V  
Ток: 0,254 A

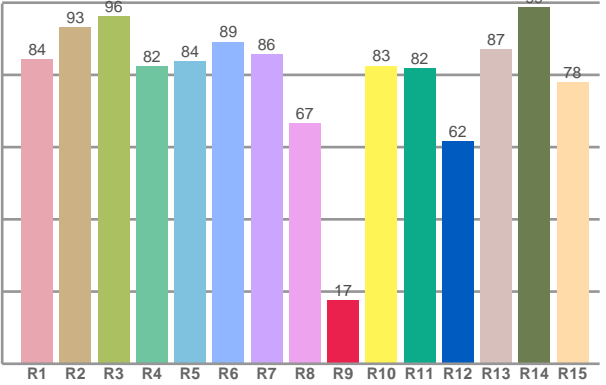




TM30: 82,2



CRI: 85,1 (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
84,36	93,08	96,14	82,26	83,63	89,14	85,60	66,64	17,48	82,52	81,73	61,63	87,13	98,63	77,89

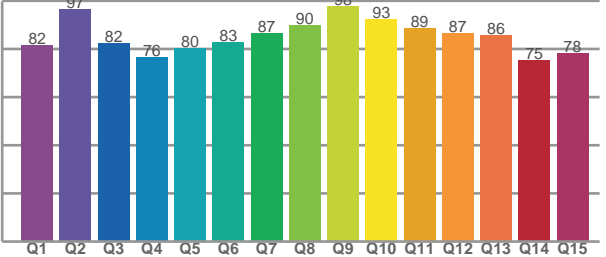
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
77,90	83,23	81,19	87,70	88,85	93,00	87,44	85,49	80,64	73,29	76,63	84,79	82,91	86,81	74,53	74,83

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
81,60	96,62	82,44	76,47	80,35	82,79	86,53	90,01	97,73	92,52	88,57	86,72	85,74	75,50	78,10

CQS: 84,0



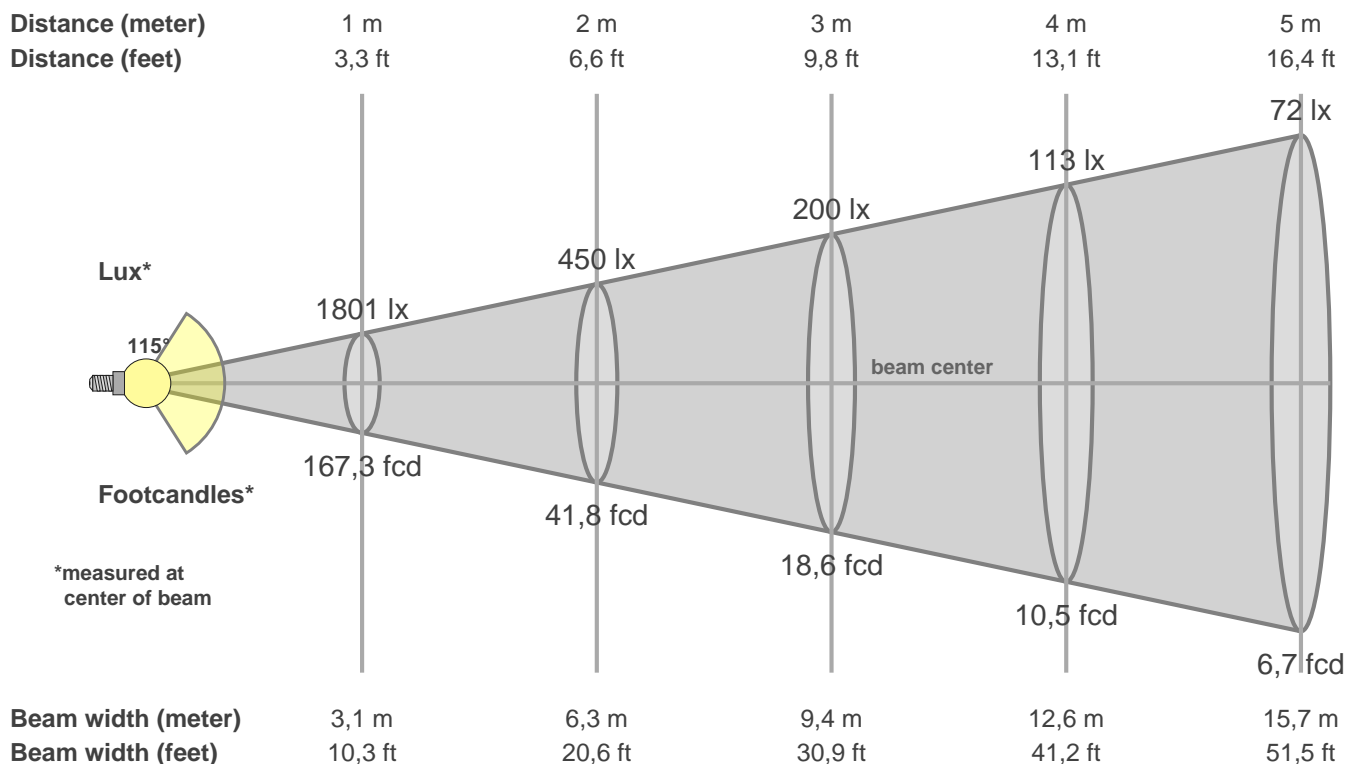
Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4045 K	85,1	17,5	82,2	93,6	84,0	0,4	0,4	0,2	0,3	0,0002

# СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

## Beam details

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### Intensities in 0° c-plane

0°	9°	18°	27°	36°	45°	54°	63°	72°	81°	90°	99°	108°	117°	126°	135°	144°	153°	162°	171°
1801	1781	1715	1601	1447	1252	1025	766	490	225	57	63	84	103	119	148	180	195	201	196
100%	99%	95%	89%	80%	70%	57%	43%	27%	12%	3%	4%	5%	6%	7%	8%	10%	11%	11%	11%

### Intensities in 60° c-plane

0°	9°	18°	27°	36°	45°	54°	63°	72°	81°	90°	99°	108°	117°	126°	135°	144°	153°	162°	171°
1801	1782	1715	1608	1454	1261	1030	769	483	204	42	48	66	91	119	151	170	186	204	218
100%	99%	95%	89%	81%	70%	57%	43%	27%	11%	2%	3%	4%	5%	7%	8%	9%	10%	11%	12%

### Intensities in 180° c-plane

0°	9°	18°	27°	36°	45°	54°	63°	72°	81°	90°	99°	108°	117°	126°	135°	144°	153°	162°	171°
1801	1766	1690	1566	1397	1190	950	684	401	150	52	70	96	108	119	146	172	203	206	203
100%	98%	94%	87%	78%	66%	53%	38%	22%	8%	3%	4%	5%	6%	7%	8%	10%	11%	11%	11%

### Intensities in 240° c-plane

0°	9°	18°	27°	36°	45°	54°	63°	72°	81°	90°	99°	108°	117°	126°	135°	144°	153°	162°	171°
1801	1774	1699	1581	1420	1218	982	715	424	155	43	54	65	89	121	139	157	186	208	219
100%	98%	94%	88%	79%	68%	55%	40%	24%	9%	2%	3%	4%	5%	7%	8%	9%	10%	12%	12%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
115,0°	360,0°	360,0°	68,9%	46,5%