

# СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

Эффективность света:

**116 Lumen/Watt**

Качество света:

**CRI: 83,4**

Цветовая температура:

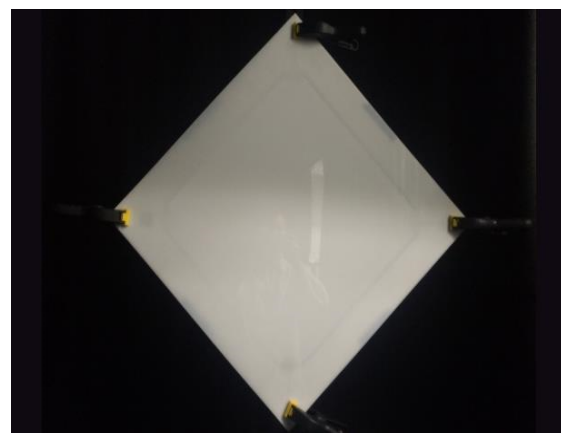
**3945 K**

Поток: 2989 lm

Интенс.: 904 cd

Мощн.: 25,8 W

КПД: 0,92



Название продукта:

**СС 01-У-М-28-590.590.15-4-0-65**

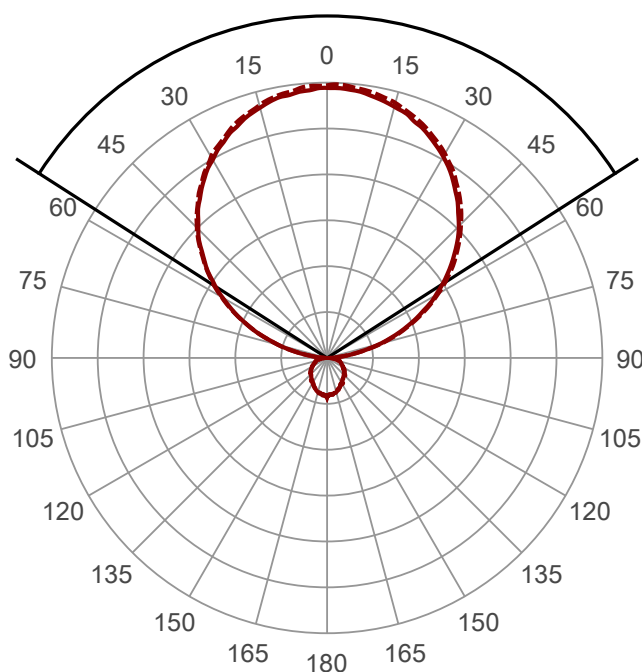
Дата и время:

**15.03.2016 13:51:16**

Дополнительная информация:

Угол пучка

**114,7°** (3 C-PLANES)

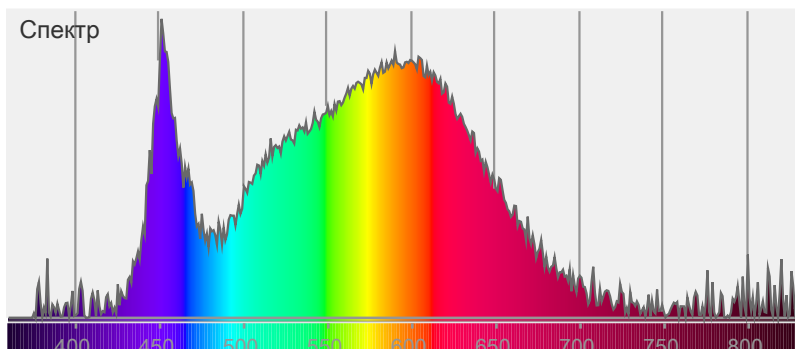


Цвет



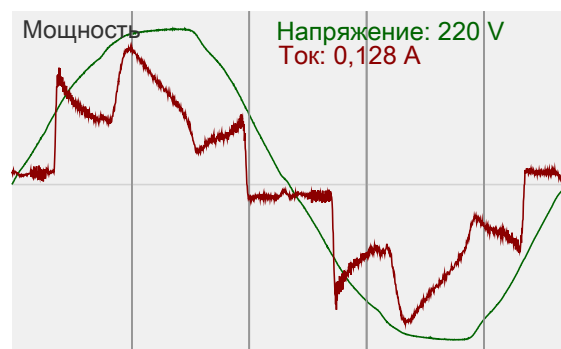
CIE1931  
x: 0,385  
y: 0,384

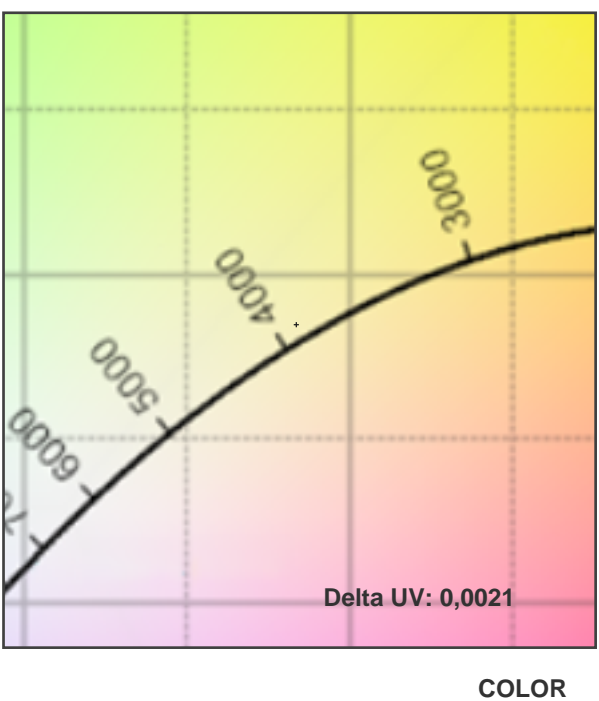
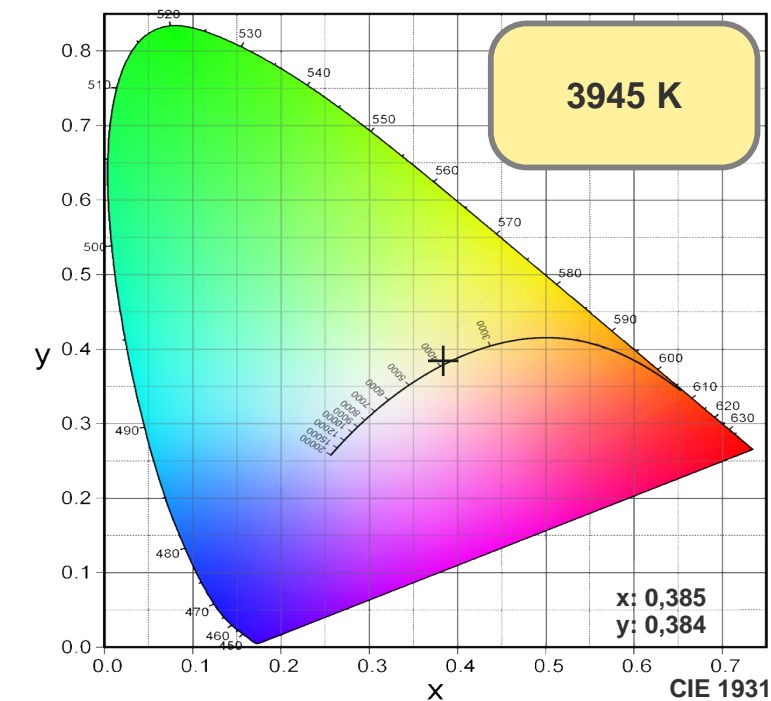
Спектр



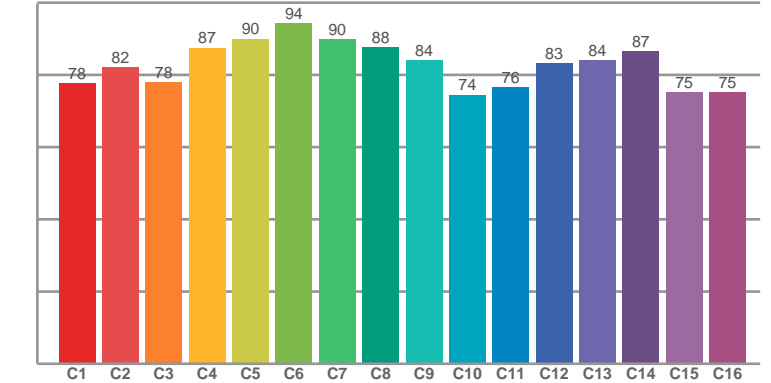
Мощность

Напряжение: 220 V  
Ток: 0,128 A

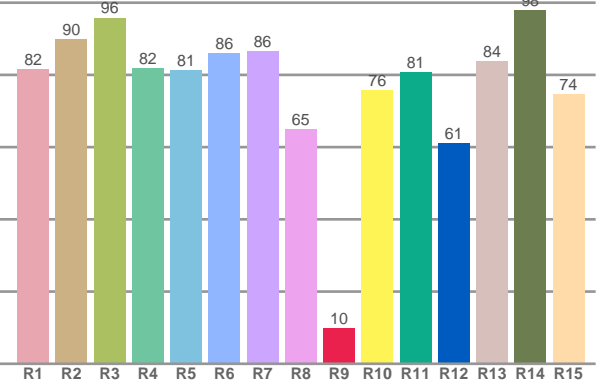




TM30: 82,6



CRI: 83,4 (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
81,52	89,80	95,80	81,76	81,20	85,88	86,41	64,80	9,75	75,65	80,60	61,12	83,66	97,88	74,50

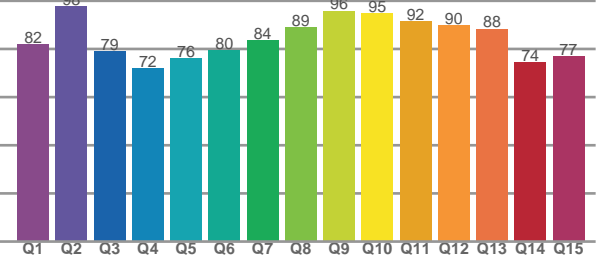
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
77,64	82,11	77,84	87,44	89,95	94,17	89,76	87,61	83,92	74,48	76,43	83,16	83,96	86,58	75,05	75,23

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
81,93	97,76	79,22	71,98	76,27	79,57	83,80	88,99	95,94	95,04	91,50	89,96	88,43	74,38	77,07

CQS: 82,8



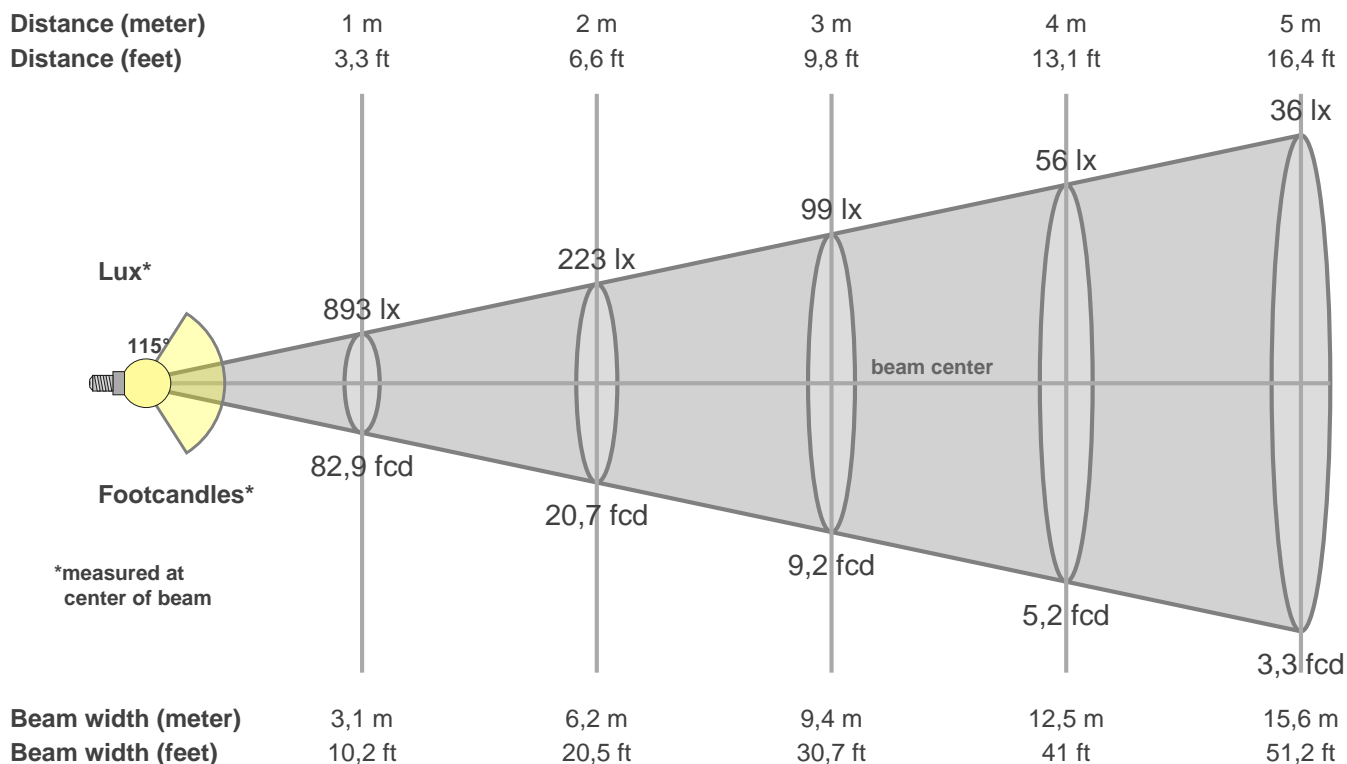
Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
3945 K	83,4	9,8	82,6	94,3	82,8	0,4	0,4	0,2	0,3	0,0021

# СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

## Beam details

3 of 3



### 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°
893	877	842	782	702	602	488	354	213	79	10	28	40	51	66	76	87	98	113	121
100%	98%	94%	88%	79%	67%	55%	40%	24%	9%	1%	3%	4%	6%	7%	9%	10%	11%	13%	14%

### 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°
893	886	849	789	708	608	490	357	213	77	13	26	41	53	65	79	90	100	113	121
100%	99%	95%	88%	79%	68%	55%	40%	24%	9%	1%	3%	5%	6%	7%	9%	10%	11%	13%	14%

### 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°
893	880	849	790	712	615	500	370	230	91	13	34	46	57	68	79	87	98	113	122
100%	99%	95%	89%	80%	69%	56%	41%	26%	10%	1%	4%	5%	6%	8%	9%	10%	11%	13%	14%

### 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°
893	892	857	802	724	626	513	378	237	89	12	27	45	58	72	84	92	100	111	122
100%	100%	96%	90%	81%	70%	57%	42%	27%	10%	1%	3%	5%	7%	8%	9%	10%	11%	12%	14%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
114,7°	360,0°	360,0°	68,4%	46,3%