

# СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

Эффективность света:

**110 Lumen/Watt**

Качество света:

**CRI: 83,2**

Цветовая температура:

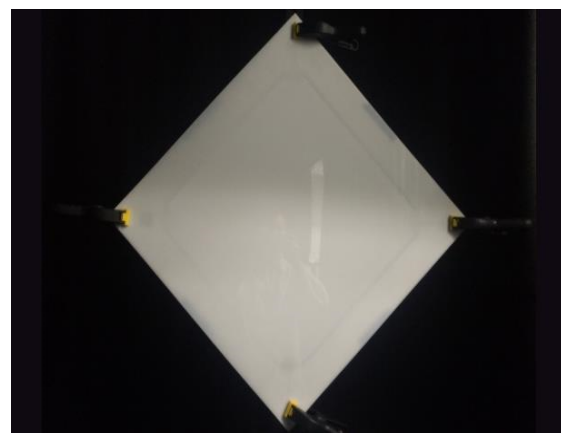
**3865 K**

Поток: 2852 lm

Интенс.: 893 cd

Мощн.: 25,9 W

КПД: 0,92



Название продукта:

**СС 02-У-М-28-590.590.15-4-0-65**

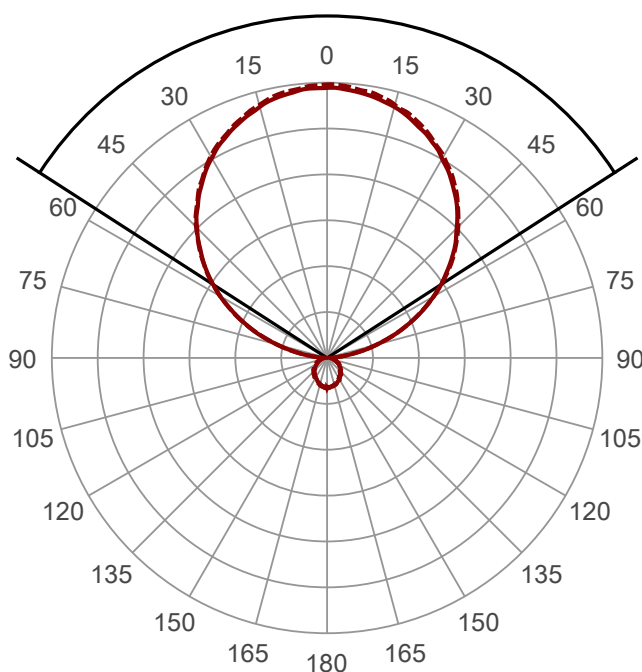
Дата и время:

**15.03.2016 14:42:46**

Дополнительная информация:

Угол пучка

**114,4°** (3 C-PLANES)

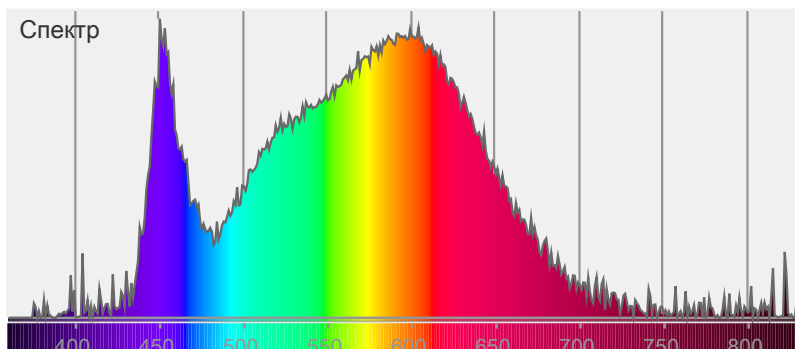


Цвет



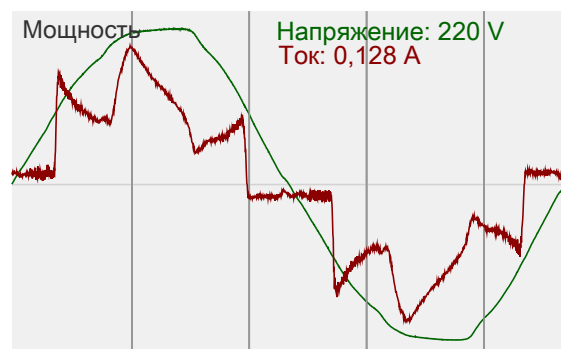
CIE1931  
x: 0,389  
y: 0,388

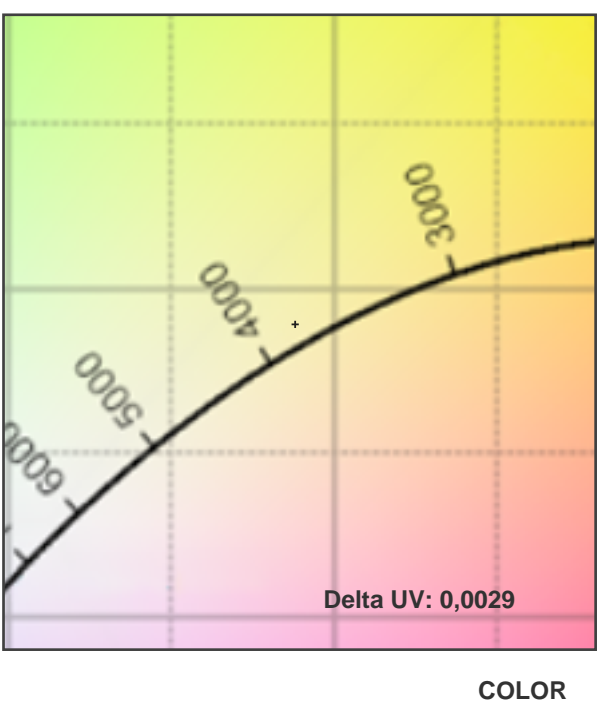
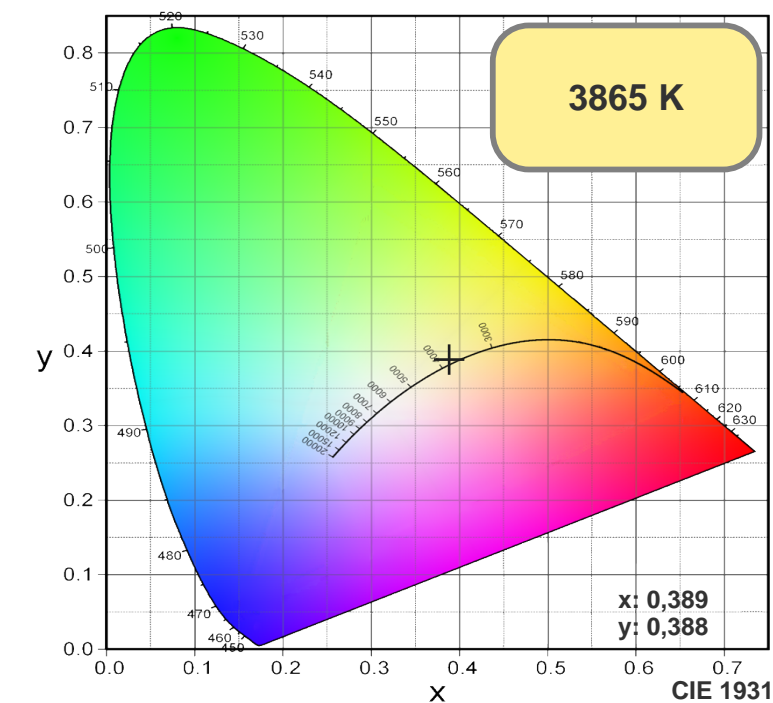
Спектр



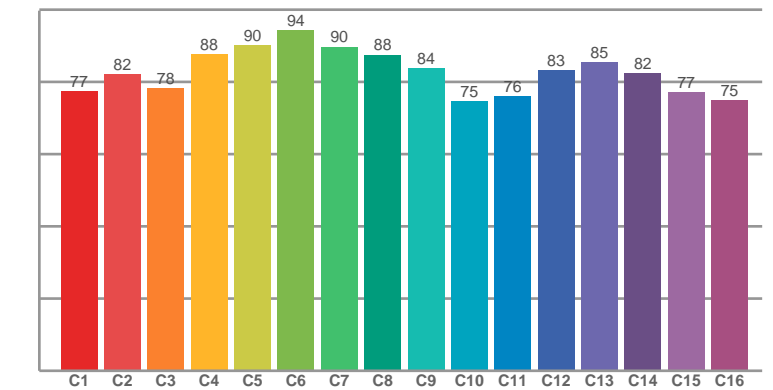
Мощность

Напряжение: 220 V  
Ток: 0,128 A

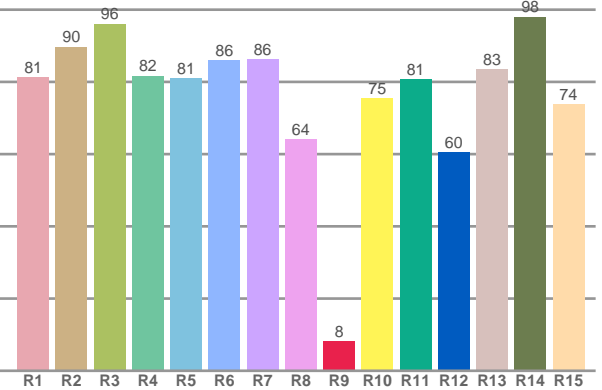




TM30: 82,6



CRI: 83,2 (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
81,27	89,66	96,05	81,68	80,91	85,89	86,29	64,05	8,20	75,45	80,62	60,50	83,43	98,00	73,81

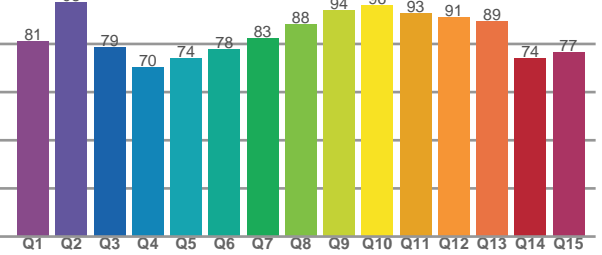
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
77,36	82,14	78,14	87,68	90,00	94,21	89,67	87,51	83,80	74,60	76,02	83,10	85,37	82,25	77,17	74,93

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
81,03	97,50	78,83	70,37	74,11	77,76	82,53	88,21	94,15	96,08	92,82	91,22	89,34	74,08	76,54

CQS: 82,1



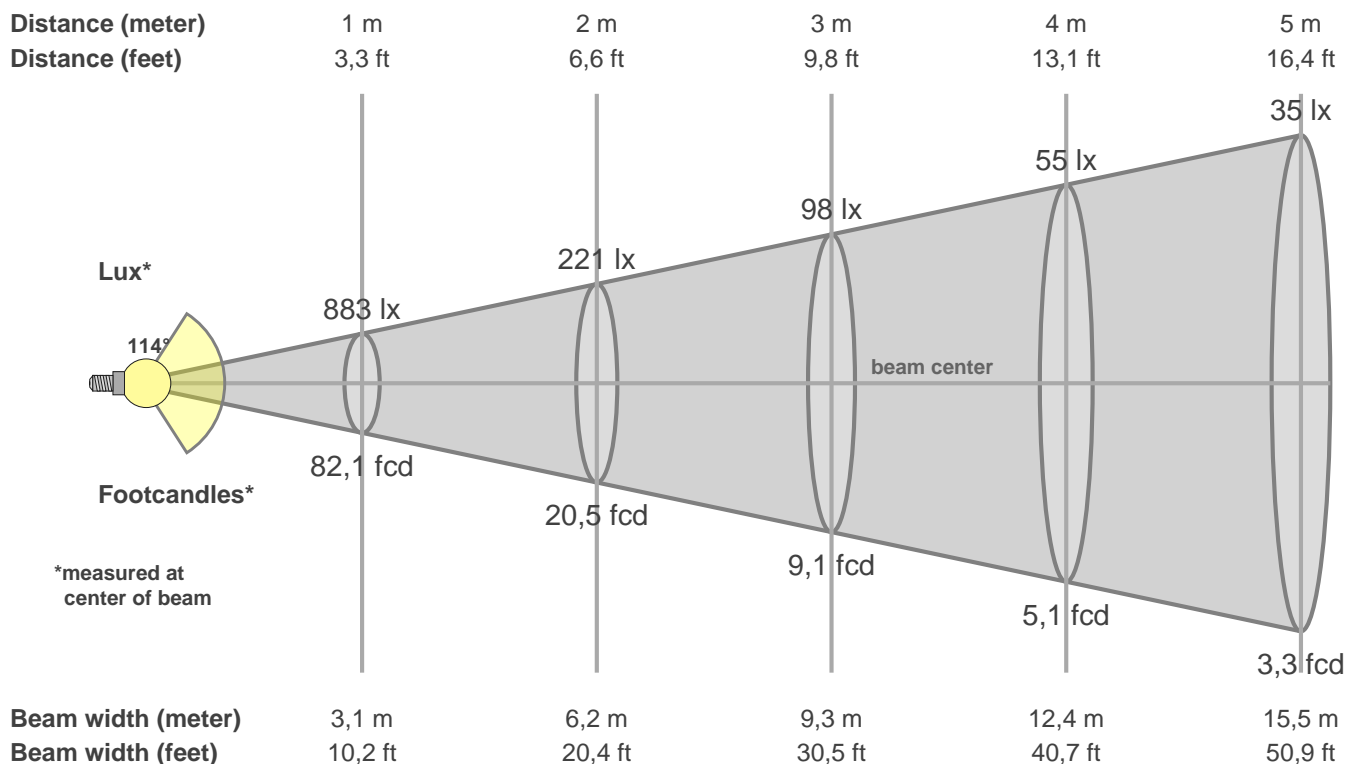
Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
3865 K	83,2	8,2	82,6	94,3	82,1	0,4	0,4	0,2	0,3	0,0029

# 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°
883	870	833	778	697	600	487	356	219	83	10	19	25	35	47	58	67	76	85	93
100%	98%	94%	88%	79%	68%	55%	40%	25%	9%	1%	2%	3%	4%	5%	7%	8%	9%	10%	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°
883	878	840	783	702	604	489	358	216	81	11	18	30	42	52	63	71	80	89	95
100%	99%	95%	89%	80%	68%	55%	40%	24%	9%	1%	2%	3%	5%	6%	7%	8%	9%	10%	11%

### 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°
883	868	833	776	697	599	485	357	215	82	13	21	32	42	54	62	72	83	91	93
100%	98%	94%	88%	79%	68%	55%	40%	24%	9%	1%	2%	4%	5%	6%	7%	8%	9%	10%	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°
883	879	843	782	706	605	491	355	215	78	11	19	28	42	53	64	73	79	88	95
100%	100%	95%	88%	80%	69%	56%	40%	24%	9%	1%	2%	3%	5%	6%	7%	8%	9%	10%	11%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
114,4°	360,0°	360,0°	70,7%	47,9%