

# СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

Эффективность света:

**118 Lumen/Watt**

Качество света:

**CRI: 83,8**

Цветовая температура:

**3945 K**

Поток: 2946 lm

Интенс.: 881 cd

Мощн.: 25,1 W

КПД: 0,92



Название продукта:

**СС 03-У-М-28-1190.130.15-4-0-65**

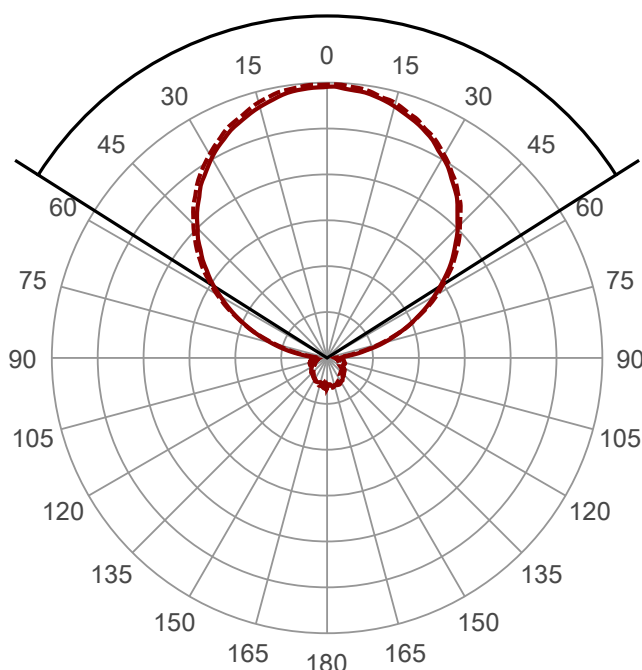
Дата и время:

**14.03.2016 17:24:16**

Дополнительная информация:

Угол пучка

**115,3°** (3 C-PLANES)

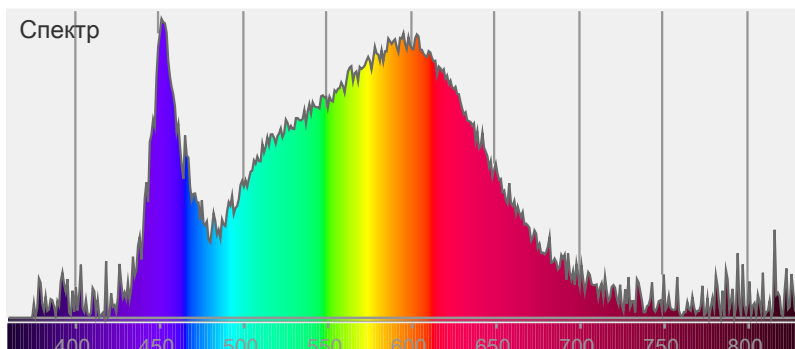


Цвет



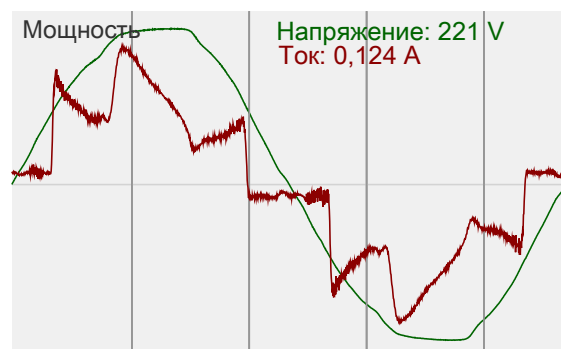
CIE1931  
x: 0,385  
y: 0,384

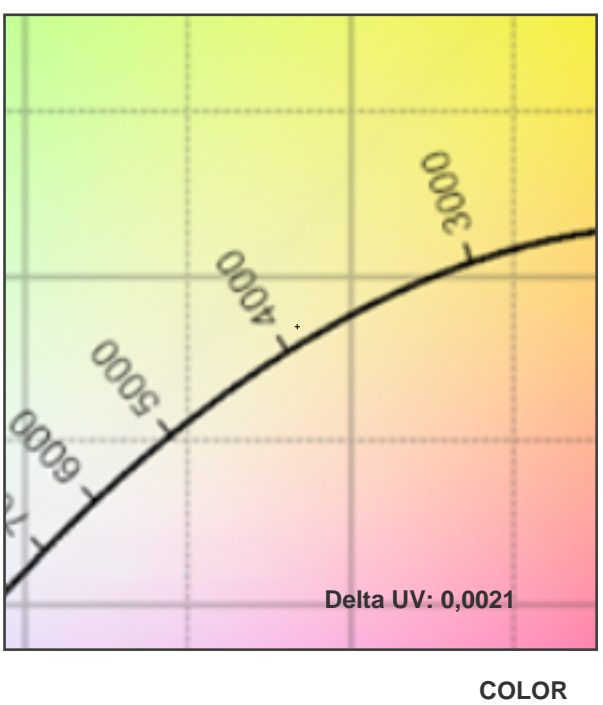
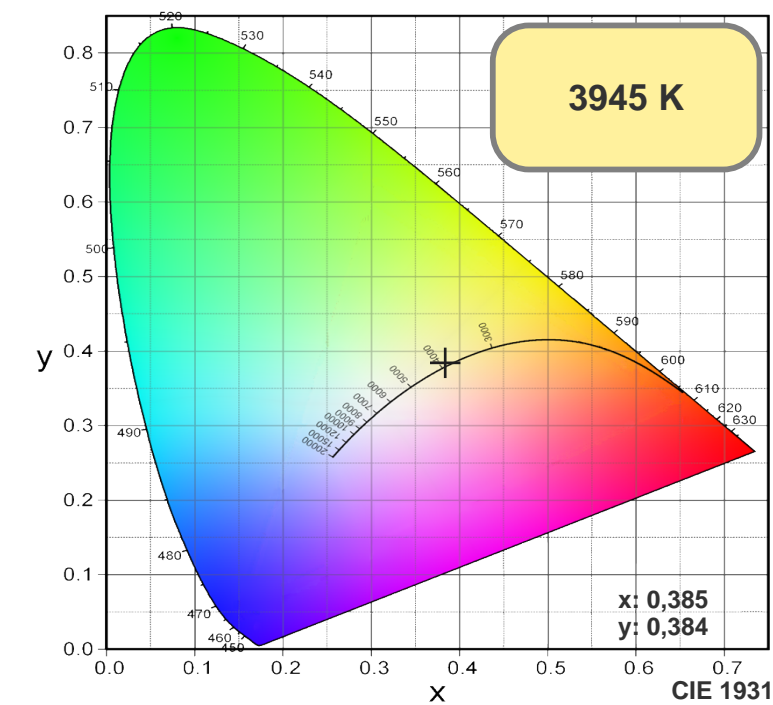
Спектр



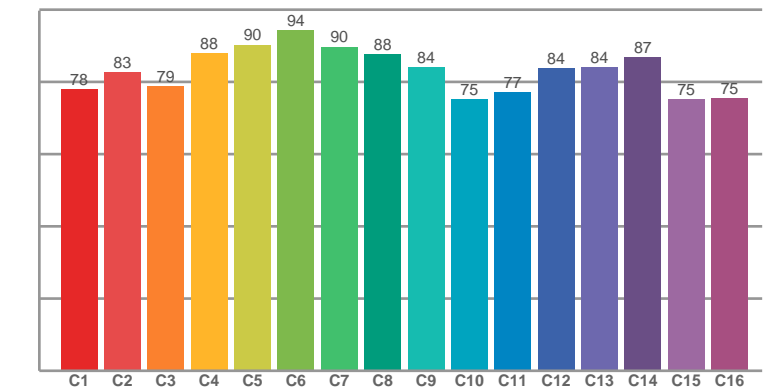
Мощность

Напряжение: 221 V  
Ток: 0,124 A

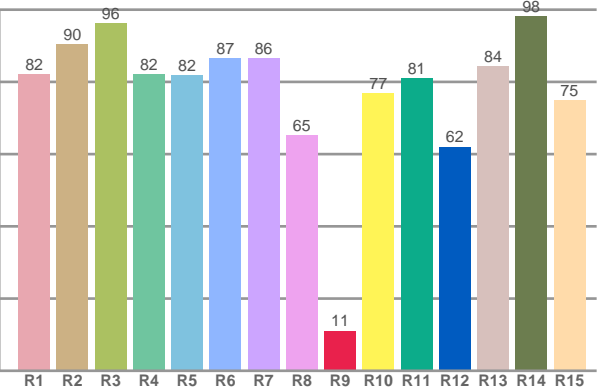




TM30: 83,0



CRI: 83,8 (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
82,01	90,34	96,12	82,07	81,70	86,60	86,42	65,13	11,01	76,85	81,02	61,95	84,24	98,11	74,93

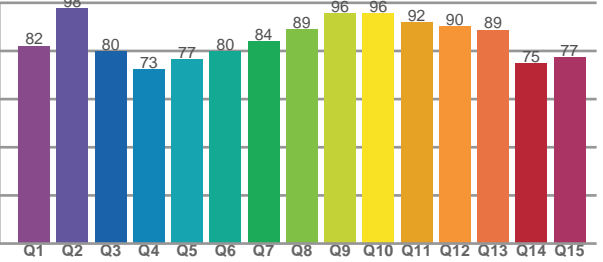
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
77,92	82,54	78,70	87,91	90,20	94,25	89,71	87,66	83,94	75,07	77,13	83,80	83,99	86,75	75,23	75,49

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
82,19	97,64	79,90	72,59	76,58	79,77	83,95	89,11	95,77	95,60	92,04	90,47	88,85	74,79	77,47

CQS: 83,1



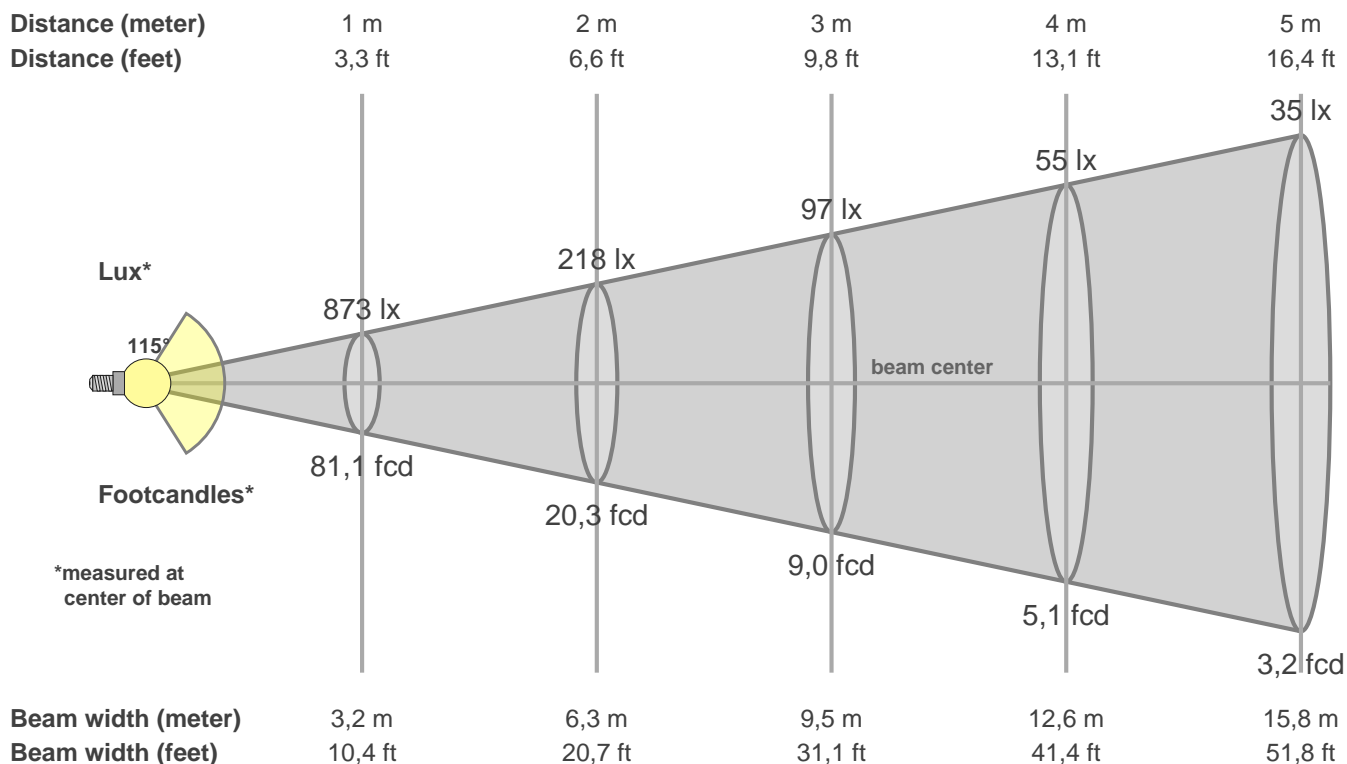
Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
3945 K	83,8	11,0	83,0	94,3	83,1	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°
873	861	822	767	691	590	479	355	228	107	38	53	57	56	63	69	75	82	82	85
100%	99%	94%	88%	79%	68%	55%	41%	26%	12%	4%	6%	7%	6%	7%	8%	9%	9%	9%	10%

## 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°
873	872	835	780	706	609	496	365	223	94	25	35	38	46	52	63	73	83	91	94
100%	100%	96%	89%	81%	70%	57%	42%	26%	11%	3%	4%	4%	5%	6%	7%	8%	10%	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°
873	861	824	769	692	594	483	358	229	107	44	55	61	58	64	75	85	93	92	91
100%	99%	94%	88%	79%	68%	55%	41%	26%	12%	5%	6%	7%	7%	7%	9%	10%	11%	11%	10%

## 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°
873	869	833	779	703	605	496	366	224	90	26	34	40	48	57	64	69	81	91	97
100%	100%	95%	89%	81%	69%	57%	42%	26%	10%	3%	4%	5%	5%	7%	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
115,3°	360,0°	360,0°	68,2%	46,0%