

# СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

Эффективность света:

**127 Lumen/Watt**

Качество света:

**CRI: 84,5**

Цветовая температура:

**4128 K**

Поток: 1624 lm

Интенс.: 461 cd

Мощн.: 12,8 W

КПД: 0,93



Название продукта:

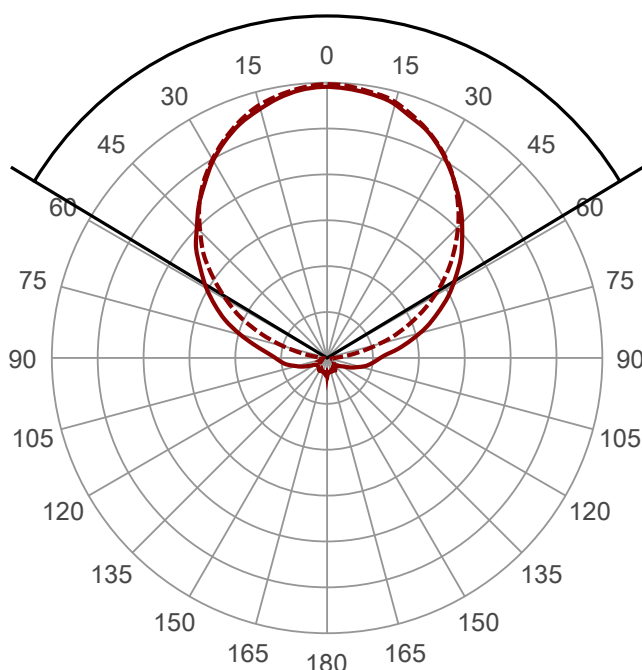
**СС**

**03-У-М-14-590.130.35-4-0-65**

Дата и время:

**02.12.2016 11:21:22**

Угол пучка **117,8°** (4 PLANES)  
8 C-Planes

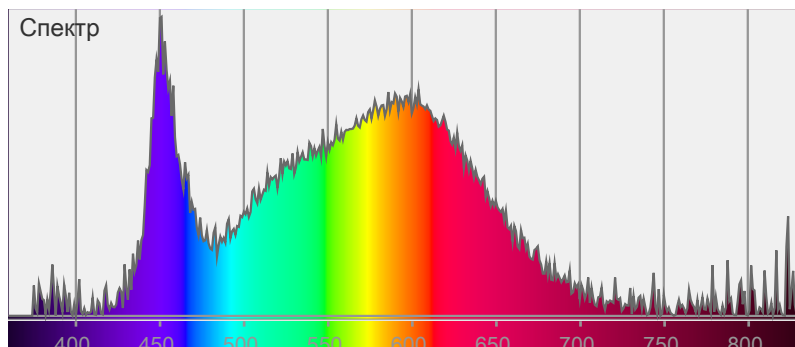


Цвет



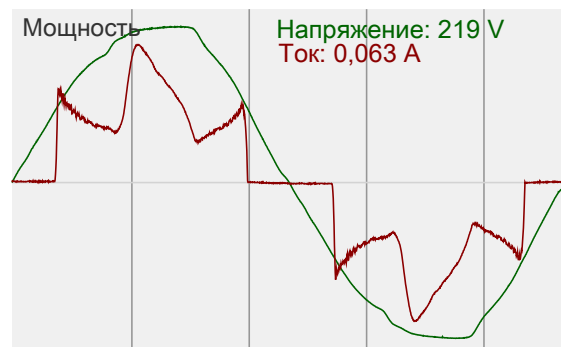
CIE1931  
x: 0,374  
y: 0,367

Спектр

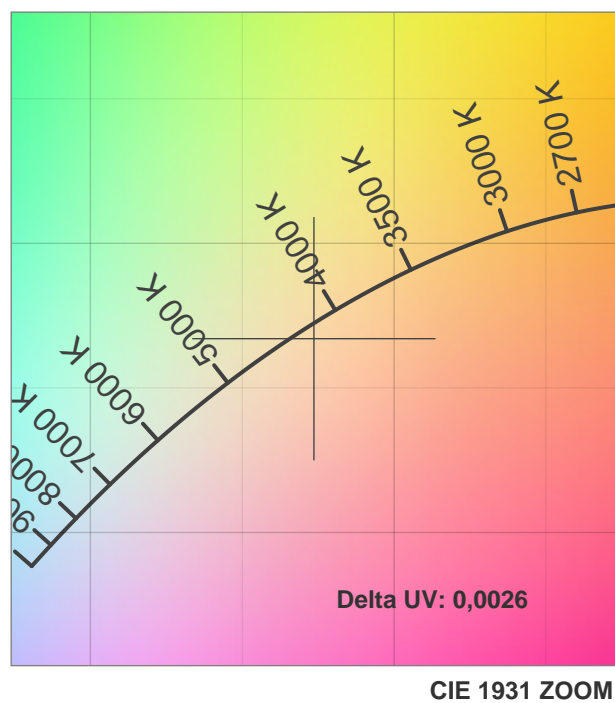
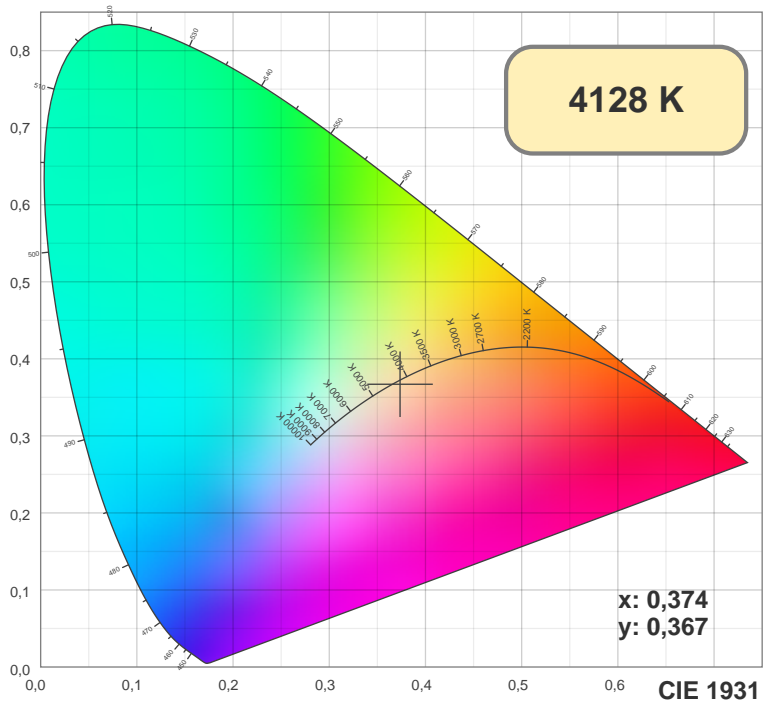


Мощность

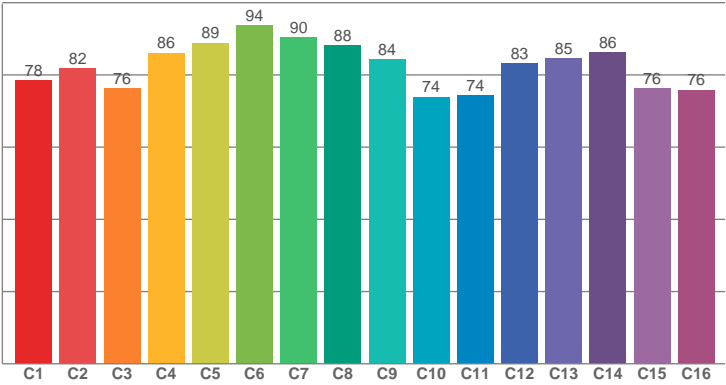
Напряжение: 219 V  
Ток: 0,063 A



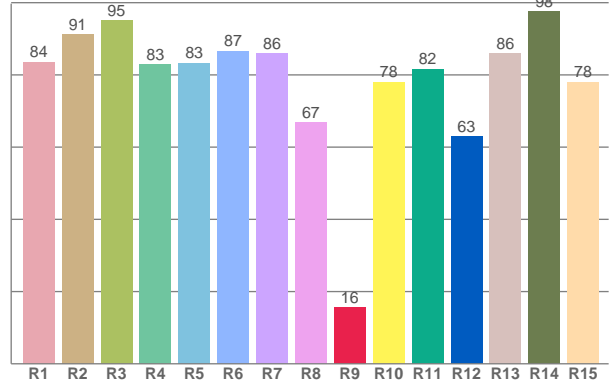
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СВЕТОТЕХНИЧЕСКАЯ  
ЛАБОРАТОРИЯ



TM30: 82,3



CRI: 84,5 (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
83,63	91,30	95,05	82,91	83,31	86,65	86,02	66,92	15,58	78,07	81,67	62,98	85,89	97,55	78,08

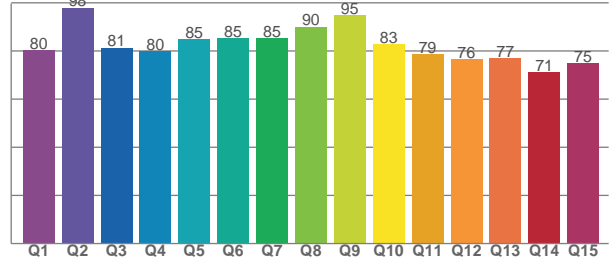
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
78,50	81,85	76,23	86,12	88,84	93,73	90,32	88,26	84,30	73,90	74,41	83,18	84,54	86,32	76,17	75,83

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
80,33	98,03	81,36	80,06	84,75	85,49	85,26	90,14	94,96	82,73	78,58	76,45	77,02	71,32	74,80

CQS: 81,4



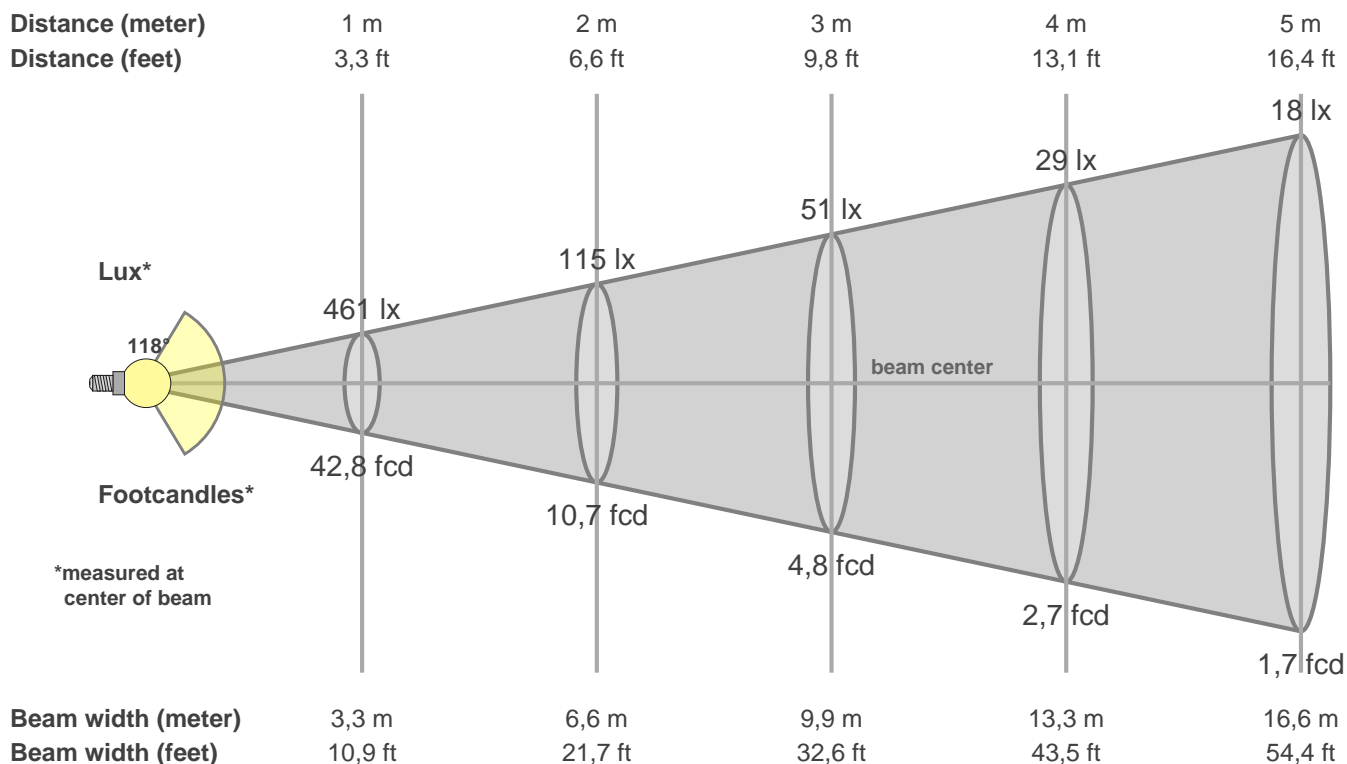
Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4128 K	84,5	15,6	82,3	95,7	81,4	0,4	0,4	0,2	0,3	0,0026

# 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°
461	452	431	400	358	313	268	221	171	120	88	70	48	27	21	21	24	25	24	25
100%	98%	94%	87%	78%	68%	58%	48%	37%	26%	19%	15%	10%	6%	5%	5%	5%	5%	5%	5%

### Intensities in 90° c-plane

0°	9°	18°	27°	36°	45°	54°	63°	72°	81°	90°	99°	108°	117°	126°	135°	144°	153°	162°	171°
461	452	432	399	357	303	241	174	101	36	8	10	12	11	15	17	19	21	24	27
100%	98%	94%	87%	78%	66%	52%	38%	22%	8%	2%	2%	3%	2%	3%	4%	4%	5%	5%	6%

### 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°
461	456	437	410	369	325	280	231	181	131	91	72	51	32	22	20	24	24	25	24
100%	99%	95%	89%	80%	70%	61%	50%	39%	28%	20%	16%	11%	7%	5%	4%	5%	5%	5%	5%

### Intensities in 270° c-plane

0°	9°	18°	27°	36°	45°	54°	63°	72°	81°	90°	99°	108°	117°	126°	135°	144°	153°	162°	171°
461	455	437	407	365	312	252	186	116	48	14	9	12	12	14	17	18	20	22	27
100%	99%	95%	88%	79%	68%	55%	40%	25%	11%	3%	2%	3%	3%	3%	4%	4%	4%	5%	6%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
117,8°	193,0°	360,0°	64,6%	43,4%