

# СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

Эффективность света:

**126 Lumen/Watt**

Качество света:

**CRI: 85,8**

Цветовая температура:

**4045 K**

Поток: 15087 lm

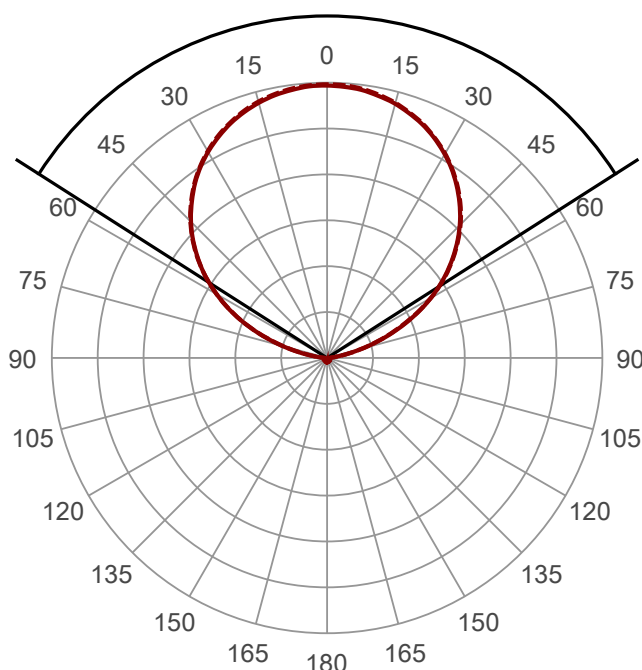
Интенс.: 5168 cd

Мощн.: 119 W

КПД: 0,97

Угол пучка

**114,9°** (3 C-PLANES)

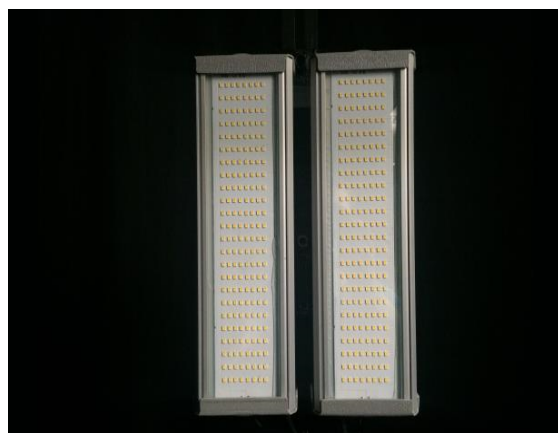
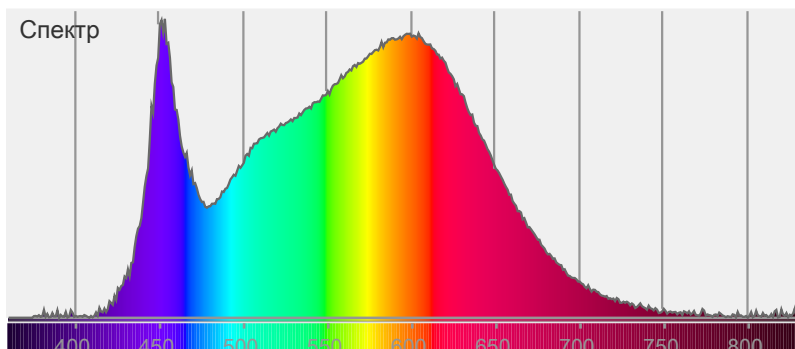


Цвет



CIE1931  
x: 0,380  
y: 0,379

Спектр



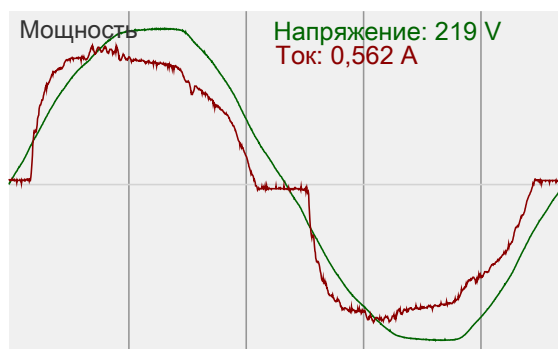
Название продукта:

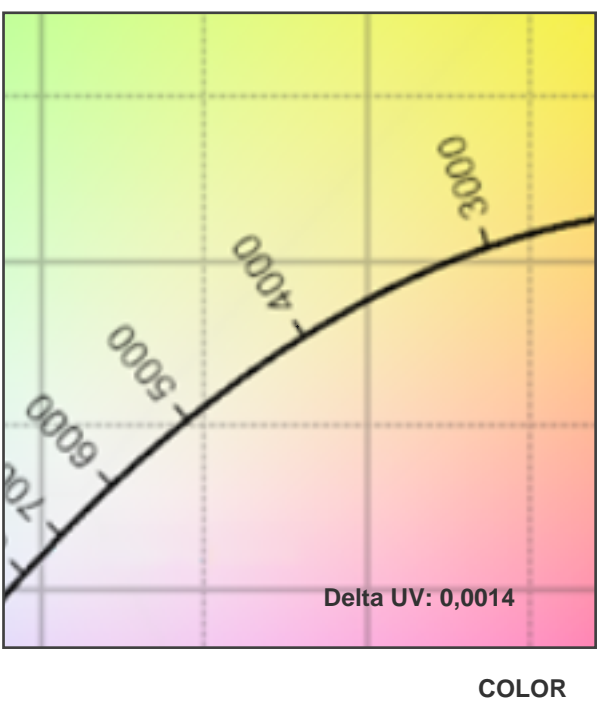
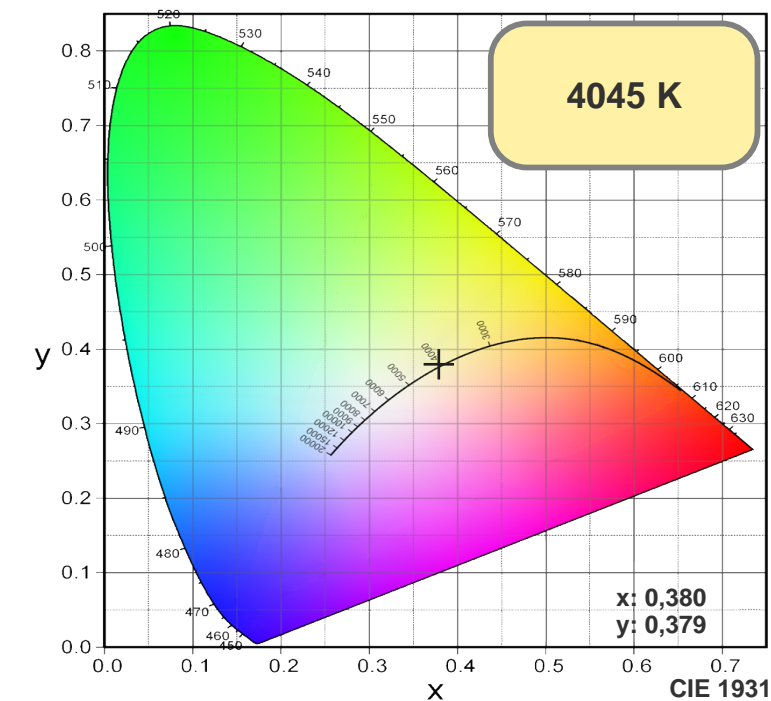
**СС**

**M1-Y-E-128-300.200.150-4-0-67**

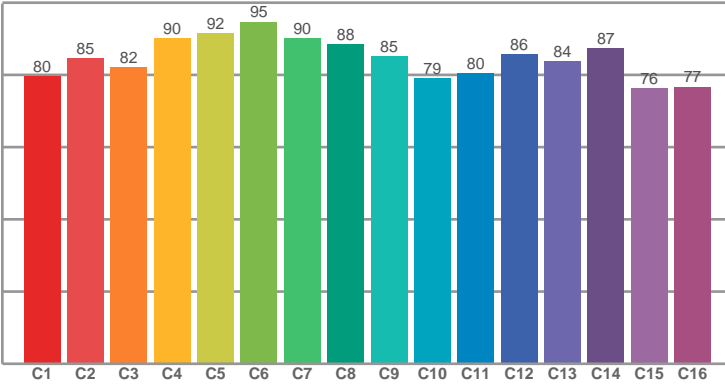
Дата и время:

**14.05.2016 11:42:05**

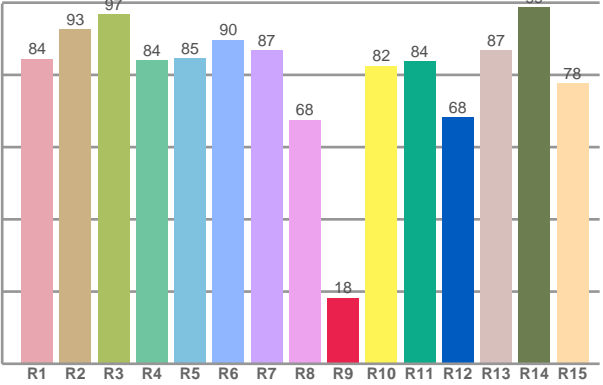




TM30: 84,6



CRI: 85,8 (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
84,45	92,67	96,77	84,01	84,53	89,69	86,75	67,55	18,25	82,48	83,68	68,25	86,81	98,71	77,69

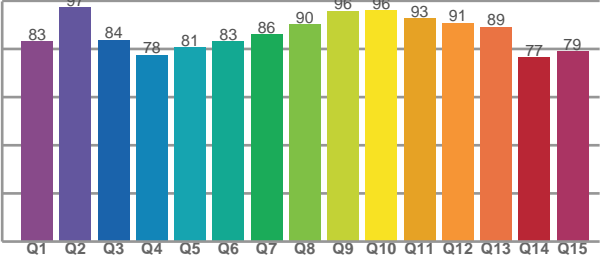
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
79,54	84,56	82,00	90,12	91,51	94,67	90,03	88,49	85,06	78,93	80,45	85,73	83,79	87,36	76,17	76,66

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
83,32	97,21	83,85	77,64	80,80	83,09	86,03	90,41	95,89	96,26	92,76	90,90	89,26	76,74	79,20

CQS: 85,3



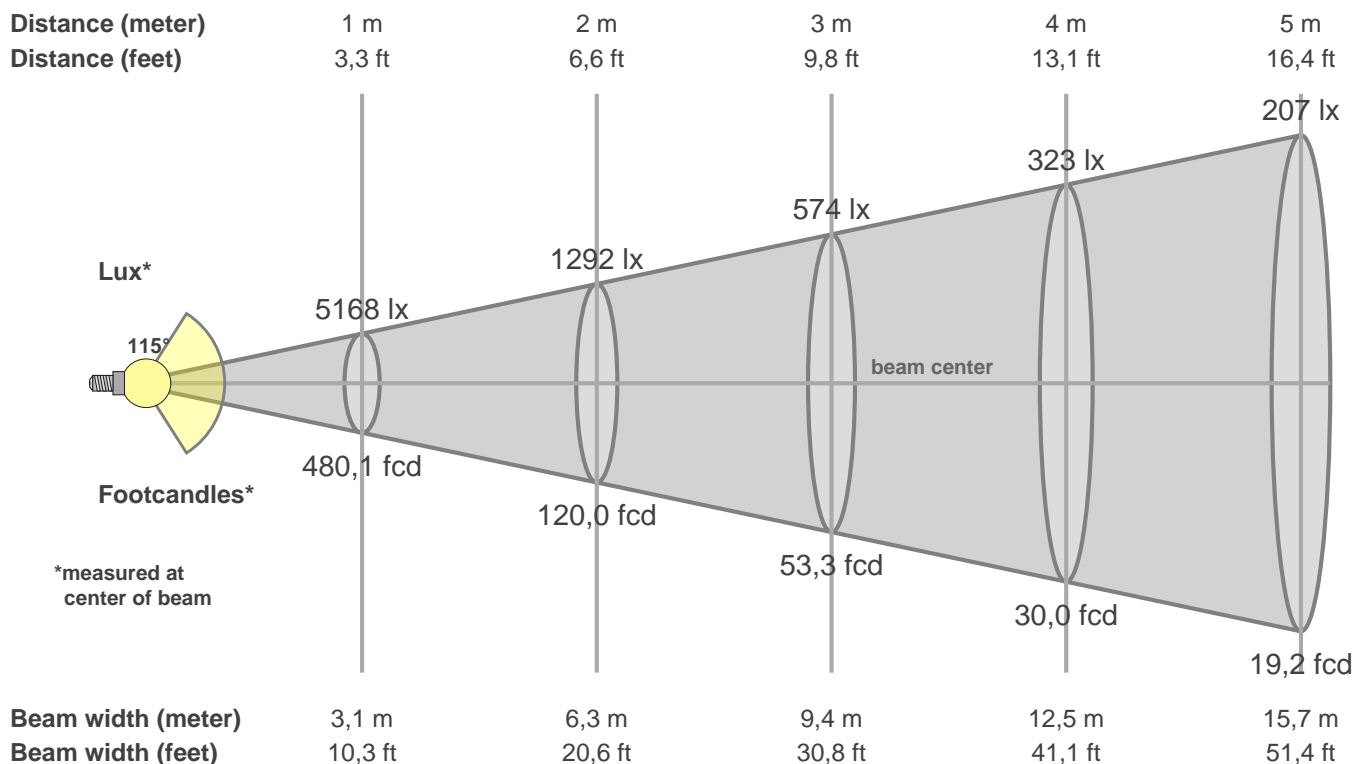
Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4045 K	85,8	18,3	84,6	94,5	85,3	0,4	0,4	0,2	0,3	0,0014

# СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

## Beam details

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### Intensities in 0° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
5168	5153	5098	5011	4883	4716	4514	4268	3976	3651	3281	2876	2421	1927	1401	885	437	134	45	39
100%	100%	99%	97%	94%	91%	87%	83%	77%	71%	63%	56%	47%	37%	27%	17%	8%	3%	1%	1%

### Intensities in 60° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
5168	5151	5099	5012	4881	4715	4509	4263	3976	3651	3279	2867	2407	1914	1389	856	410	127	42	35
100%	100%	99%	97%	94%	91%	87%	82%	77%	71%	63%	55%	47%	37%	27%	17%	8%	2%	1%	1%

### Intensities in 180° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
5168	5145	5084	4992	4853	4680	4462	4202	3900	3558	3168	2743	2270	1750	1213	709	309	89	50	47
100%	100%	98%	97%	94%	91%	86%	81%	75%	69%	61%	53%	44%	34%	23%	14%	6%	2%	1%	1%

### Intensities in 240° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
5168	5149	5085	4988	4847	4672	4458	4199	3903	3563	3171	2747	2260	1718	1188	704	312	90	53	51
100%	100%	98%	97%	94%	90%	86%	81%	76%	69%	61%	53%	44%	33%	23%	14%	6%	2%	1%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
114,9°	155,9°	169,0°	79,2%	53,5%