

# СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

Эффективность света:

**131 Lumen/Watt**

Качество света:

**CRI: 84,1**

Цветовая температура:

**4055 K**

Поток: 3263 lm

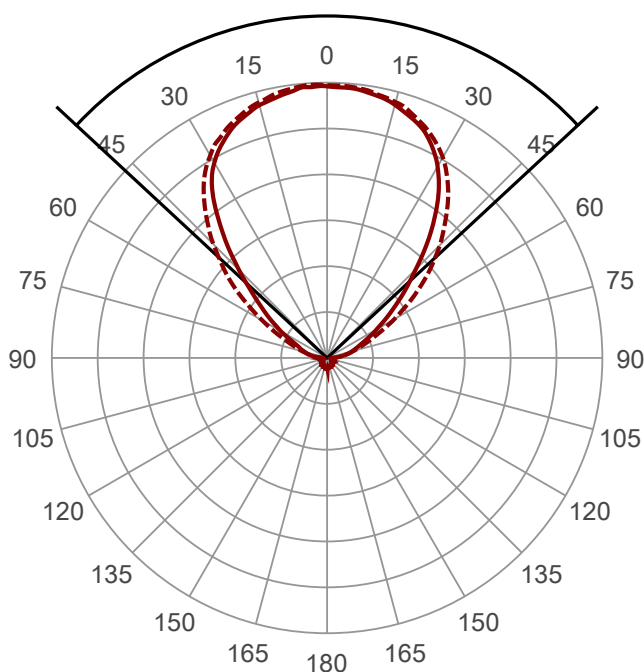
Интенс.: 1343 cd

Мощн.: 24,9 W

КПД: 0,92

Угол пучка

**94,3°** (3 C-PLANES)

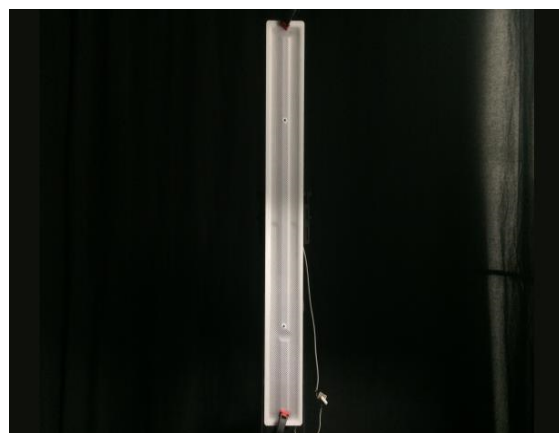
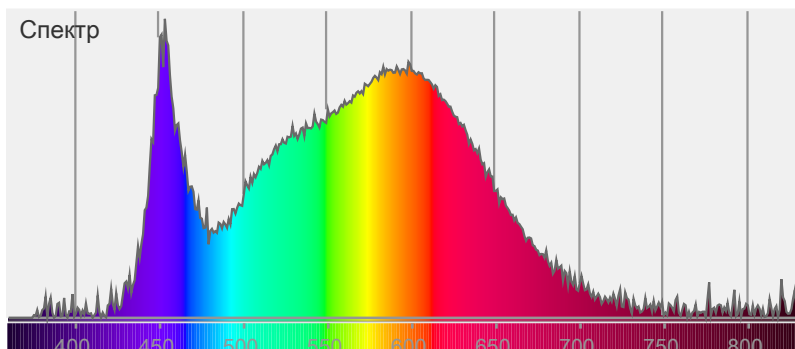


Цвет



CIE1931  
x: 0,380  
y: 0,381

Спектр



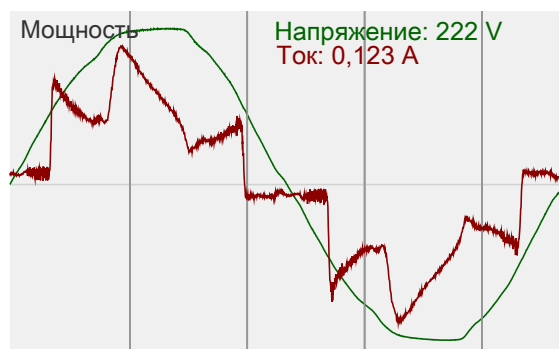
Название продукта:

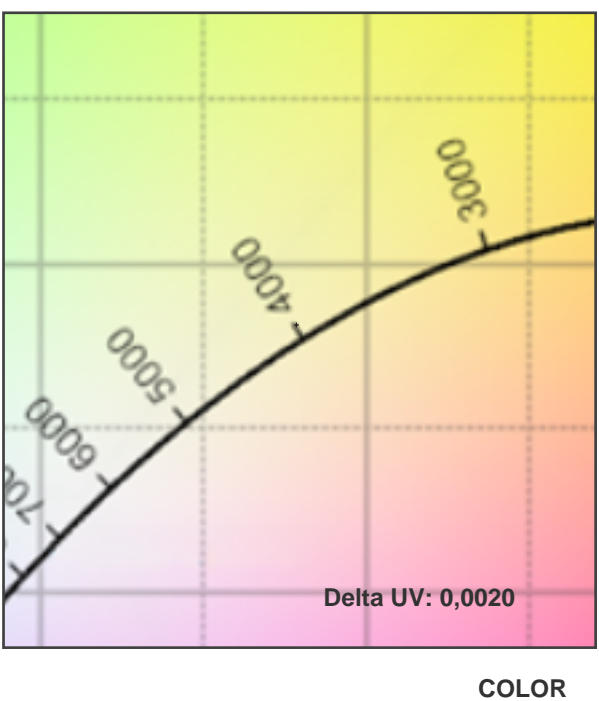
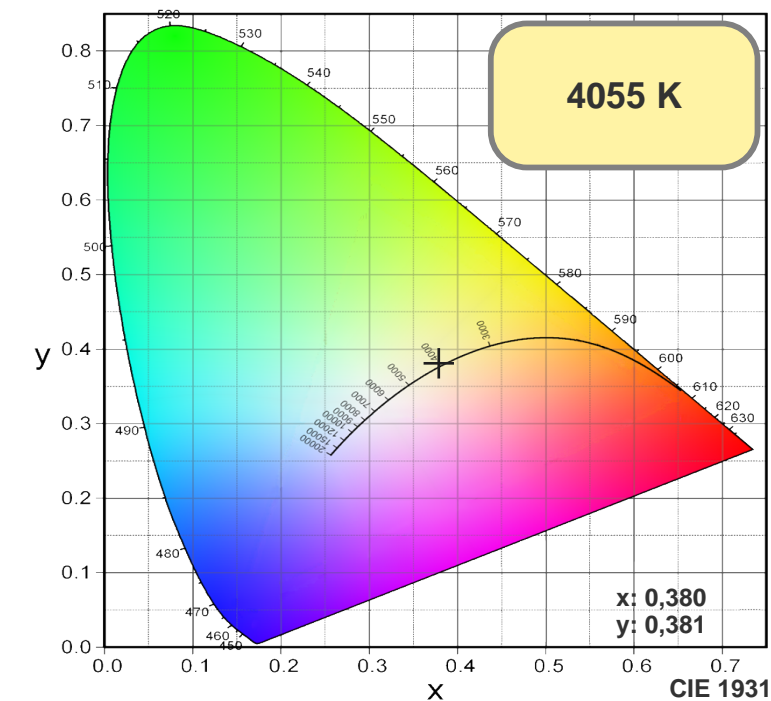
СС 03-У-А-28-1190.130.15-4-0-65

Дата и время:

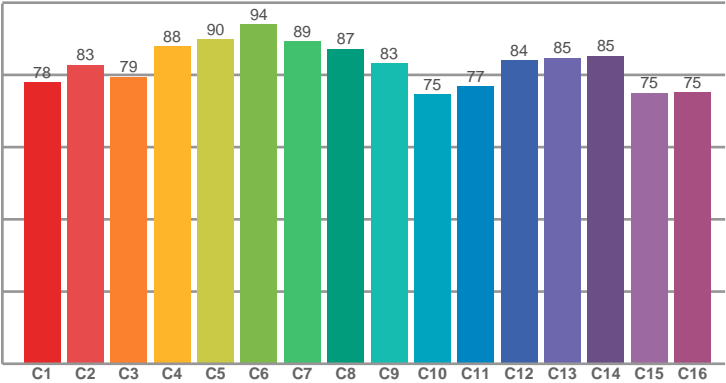
14.03.2016 17:41:52

Дополнительная информация:

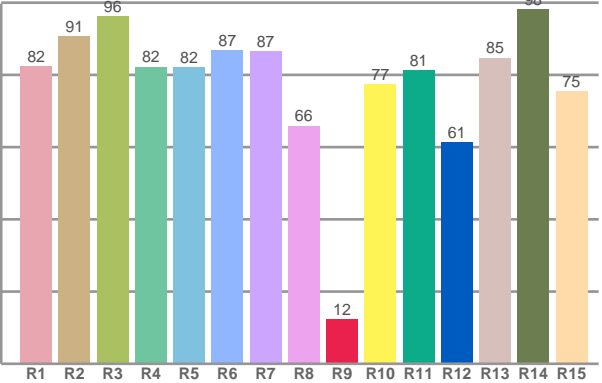




TM30: 82,8



CRI: 84,1 (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
82,38	90,69	96,12	82,18	82,01	86,79	86,59	65,85	12,33	77,45	81,23	61,32	84,72	98,15	75,45

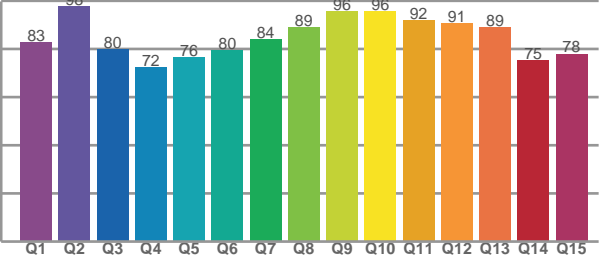
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
77,96	82,76	79,40	87,89	89,89	93,99	89,28	87,21	83,17	74,51	76,76	83,93	84,72	85,25	75,04	75,17

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
82,73	97,63	79,92	72,48	76,45	79,59	84,01	89,12	95,82	95,61	92,10	90,62	89,02	75,26	78,03

CQS: 83,2



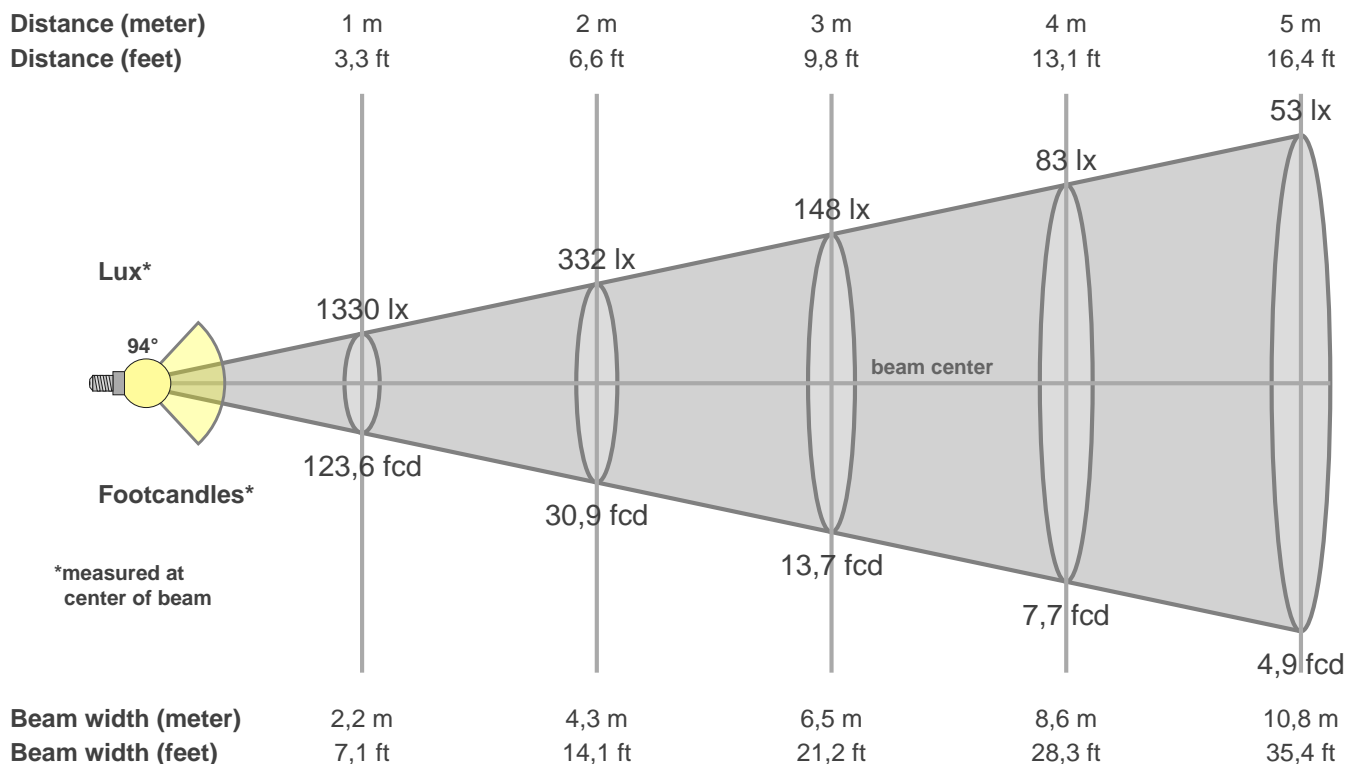
Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4055 K	84,1	12,3	82,8	94,0	83,2	0,4	0,4	0,2	0,3	0,0020

# 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°
1330	1333	1308	1284	1243	1186	1106	976	793	613	461	352	262	185	143	113	87	53	26	31
100%	100%	98%	97%	93%	89%	83%	73%	60%	46%	35%	26%	20%	14%	11%	8%	7%	4%	2%	2%

### 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°
1330	1340	1325	1298	1261	1212	1147	1053	927	789	648	503	366	257	178	127	85	51	22	20
100%	101%	100%	98%	95%	91%	86%	79%	70%	59%	49%	38%	28%	19%	13%	10%	6%	4%	2%	2%

### 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°
1330	1329	1313	1286	1243	1182	1084	948	784	616	484	372	281	212	162	127	94	59	29	28
100%	100%	99%	97%	93%	89%	81%	71%	59%	46%	36%	28%	21%	16%	12%	10%	7%	4%	2%	2%

### 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°
1330	1336	1321	1300	1260	1207	1135	1034	910	782	648	510	382	271	192	137	96	58	23	22
100%	100%	99%	98%	95%	91%	85%	78%	68%	59%	49%	38%	29%	20%	14%	10%	7%	4%	2%	2%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
94,3°	148,2°	360,0°	80,6%	60,1%