

# СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

Эффективность света:

**127 Lumen/Watt**

Качество света:

**CRI: 84,4**

Цветовая температура:

**4074 K**

Поток: 3204 lm

Интенс.: 1417 cd

Мощн.: 25,2 W

КПД: 0,91



Название продукта:

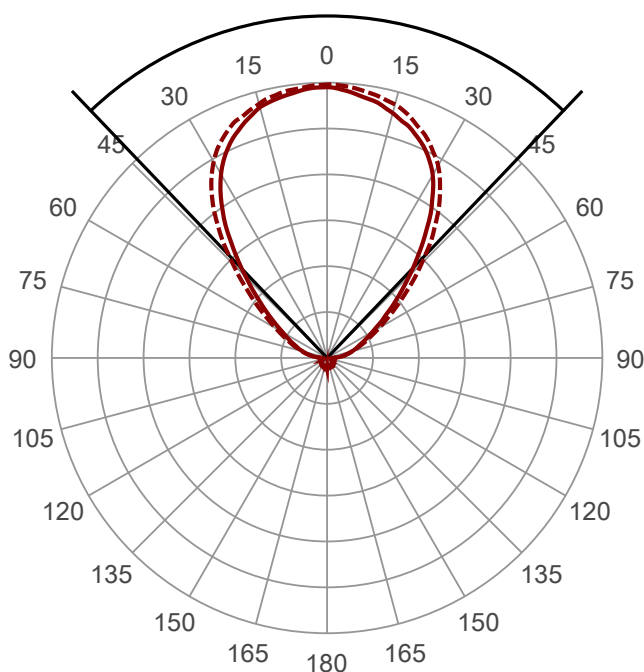
**СС 03-У-К-28-1190.130.15-4-0-65**

Дата и время:

**14.03.2016 18:02:28**

Дополнительная информация:

Угол пучка **87,4°** (3 C-PLANES)

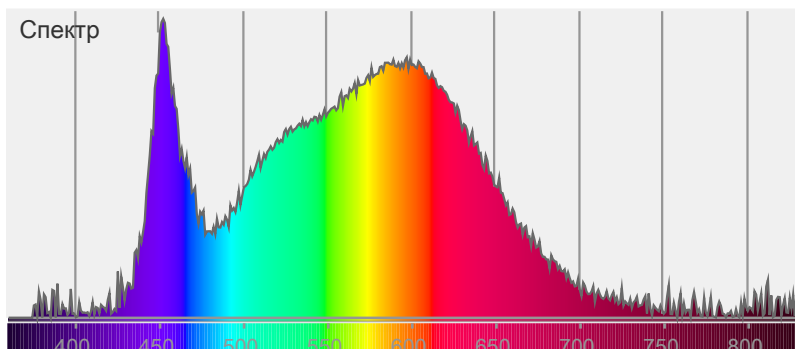


Цвет



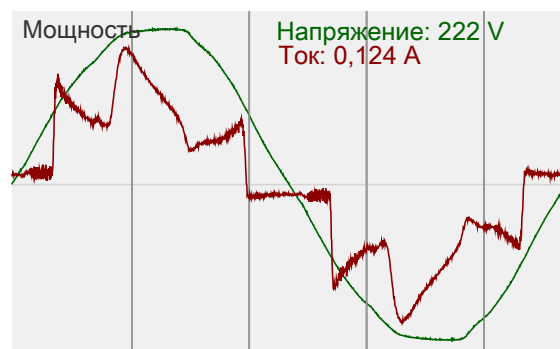
CIE1931  
x: 0,379  
y: 0,379

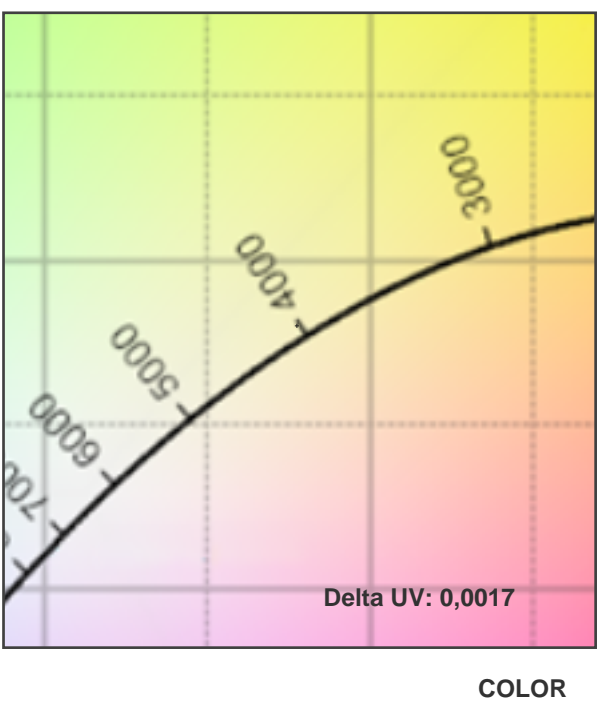
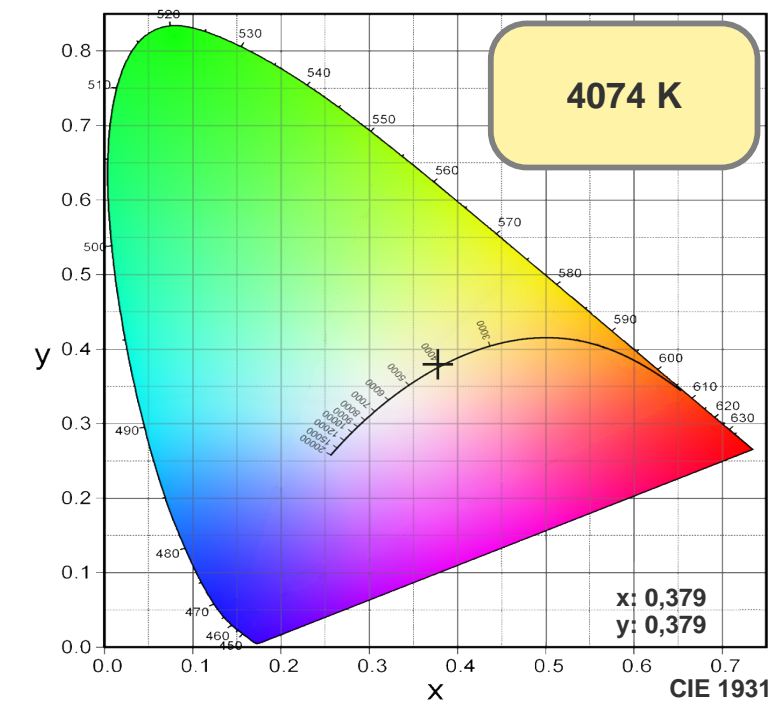
Спектр



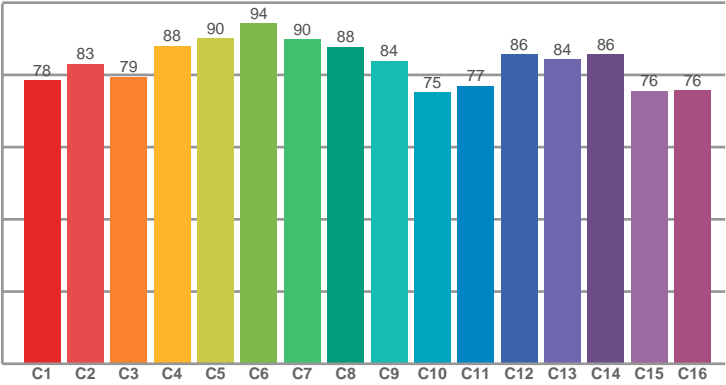
Мощность

Напряжение: 222 V  
Ток: 0,124 A

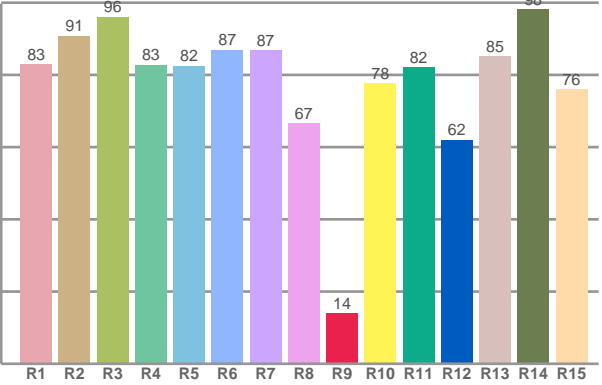




TM30: 83,1



CRI: 84,4 (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
82,80	90,77	96,06	82,77	82,47	86,94	86,86	66,54	13,88	77,73	81,97	61,97	85,02	98,11	76,02

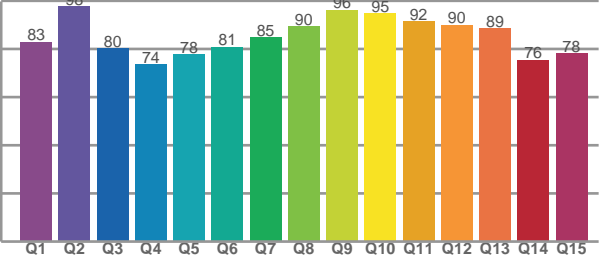
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
78,44	83,06	79,41	88,02	90,07	94,21	89,86	87,78	83,84	75,19	76,94	85,67	84,23	85,64	75,53	75,62

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
83,01	97,78	80,21	73,59	77,86	80,94	85,00	89,58	96,32	94,87	91,56	90,11	88,72	75,56	78,31

CQS: 83,7



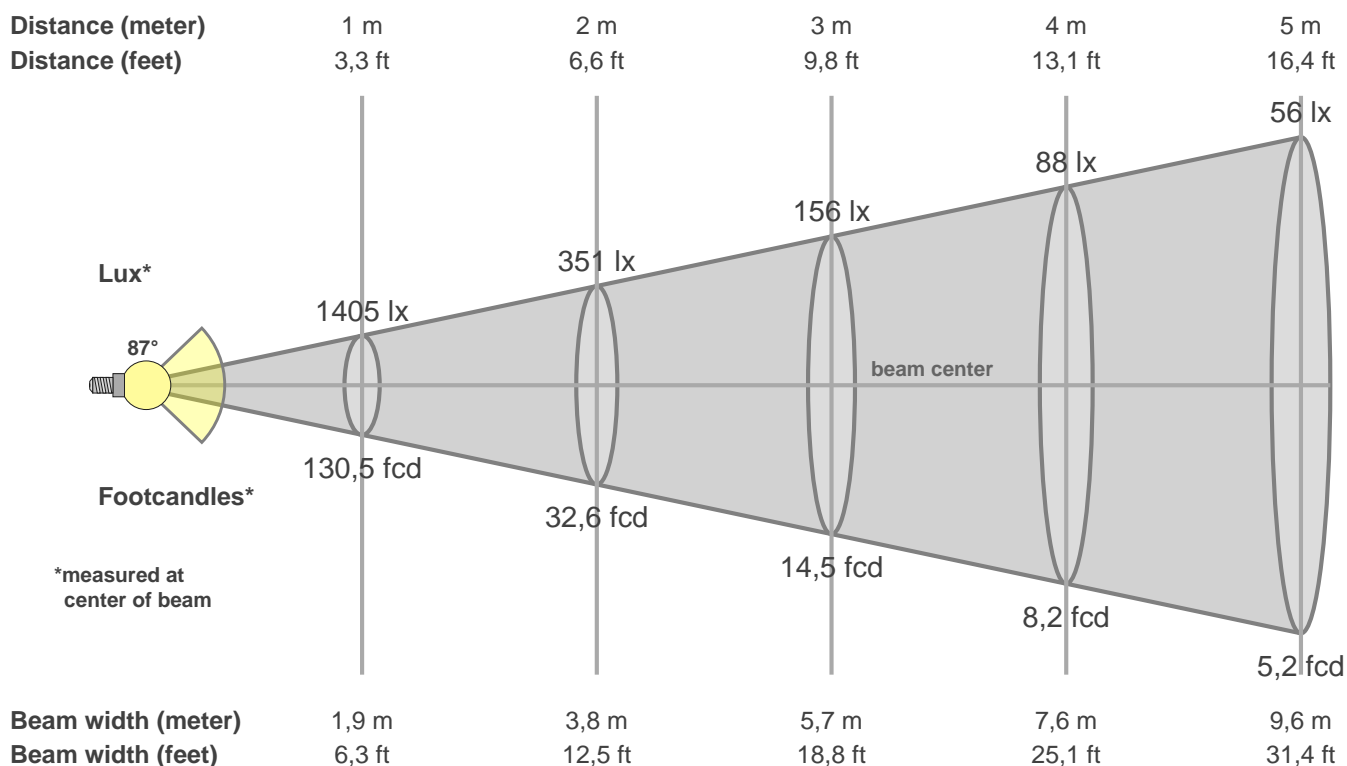
Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4074 K	84,4	13,9	83,1	94,4	83,7	0,4	0,4	0,2	0,3	0,0017

# 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°
1405	1395	1372	1344	1282	1207	1098	947	768	597	456	349	265	212	166	131	97	61	31	30
100%	99%	98%	96%	91%	86%	78%	67%	55%	43%	32%	25%	19%	15%	12%	9%	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°
1405	1406	1393	1362	1321	1265	1174	1042	872	692	533	406	307	235	183	136	96	57	23	21
100%	100%	99%	97%	94%	90%	84%	74%	62%	49%	38%	29%	22%	17%	13%	10%	7%	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°
1405	1382	1354	1313	1264	1196	1093	941	766	604	468	357	273	214	170	135	103	68	36	35
100%	98%	96%	93%	90%	85%	78%	67%	55%	43%	33%	25%	19%	15%	12%	10%	7%	5%	3%	3%

### 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°
1405	1408	1386	1359	1307	1241	1149	1018	860	694	539	412	313	238	181	137	97	61	27	22
100%	100%	99%	97%	93%	88%	82%	72%	61%	49%	38%	29%	22%	17%	13%	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
87,4°	148,7°	360,0°	79,6%	61,3%