

# СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

Эффективность света:

**130 Lumen/Watt**

Качество света:

**CRI: 85,8**

Цветовая температура:

**4340 K**

Поток: 1011 lm

Интенс.: 323 cd

Мощн.: 7,8 W

КПД: 0,84



Название продукта:

СС 05-Н-С-8-150.150.18-4-0-54

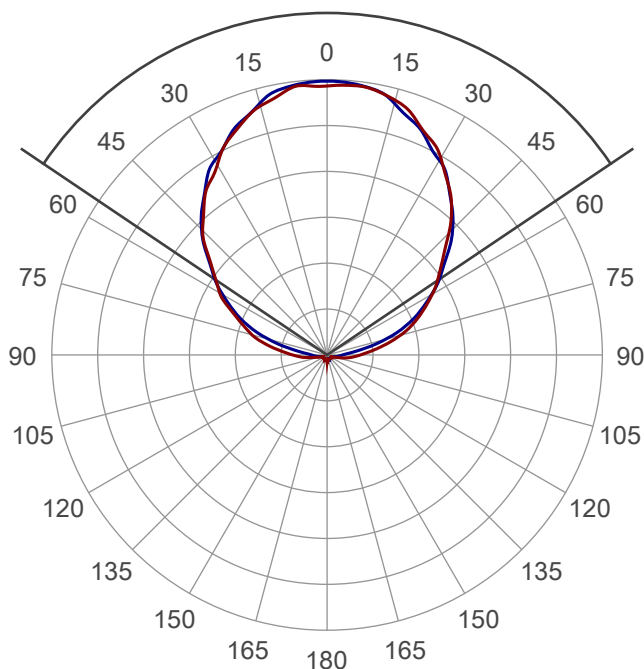
Дата и время:

09.06.2017 9:27:25

Угол пучка

**112°**

4 PLANES

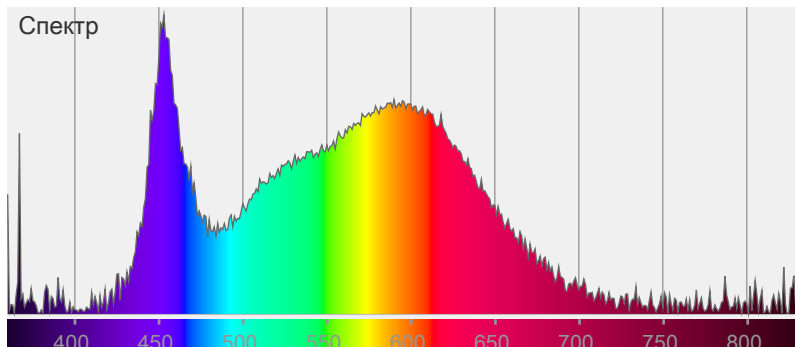


Цвет



CIE1931  
x: 0,365  
y: 0,357

Спектр

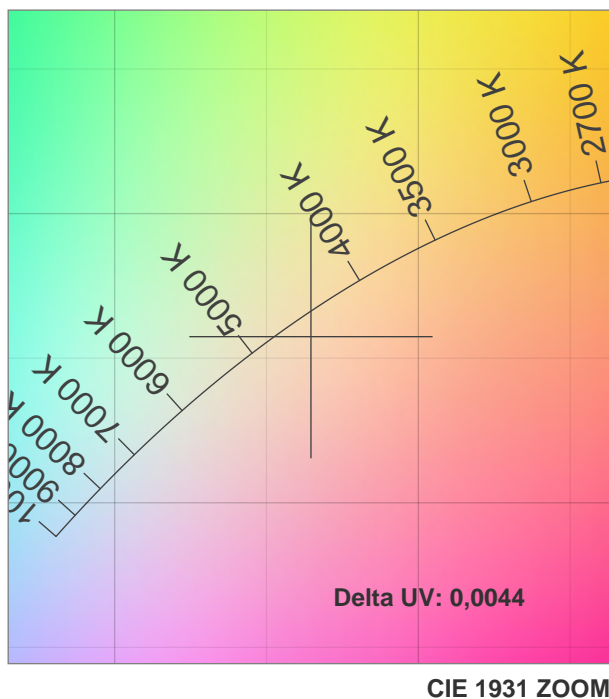
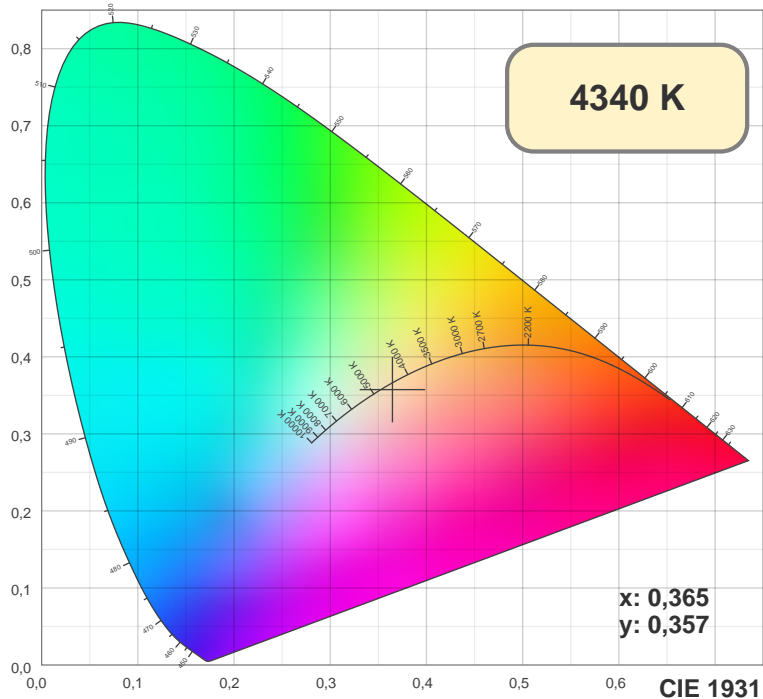


Мощность

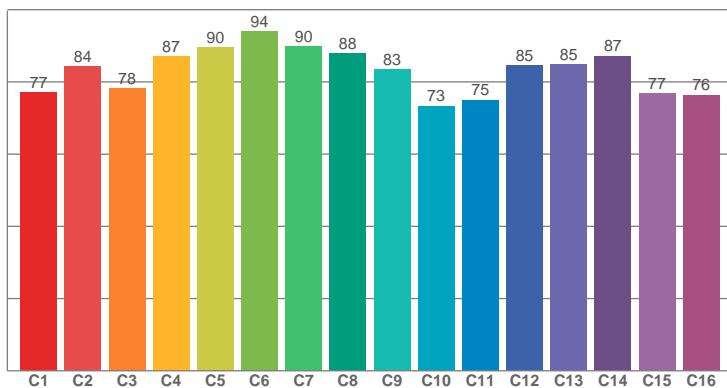
Напряжение: 221 V  
Ток: 0,042 A



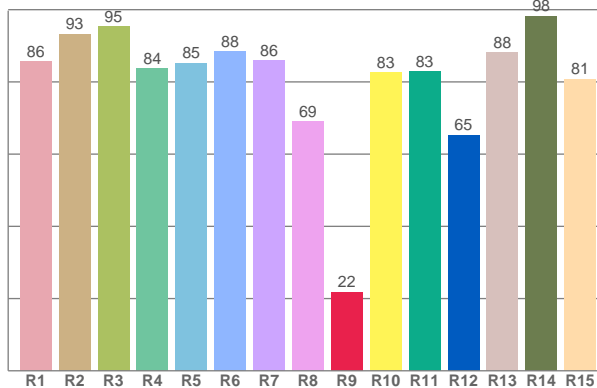
# СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ



**TM30: 82,8**



**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
85,58	93,30	95,44	83,76	85,24	88,45	86,03	68,99	21,80	82,60	82,89	65,33	88,13	98,23	80,82

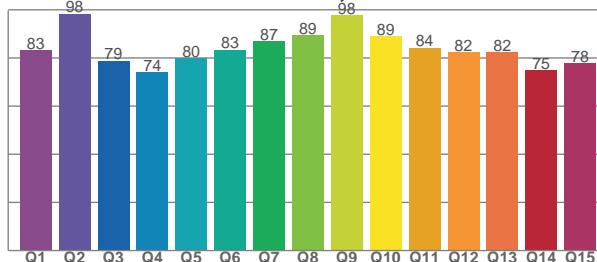
**TM30 C values, 16 binned values out of total of 99 C values**

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
77,14	84,37	78,24	86,99	89,52	93,93	89,78	87,84	83,36	73,35	75,01	84,51	84,80	87,21	76,88	76,39

**CQS Q values**

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
83,27	98,44	78,86	73,99	79,89	83,44	86,89	89,46	97,85	88,99	84,26	82,38	82,46	74,86	78,00

**CQS: 82,7**



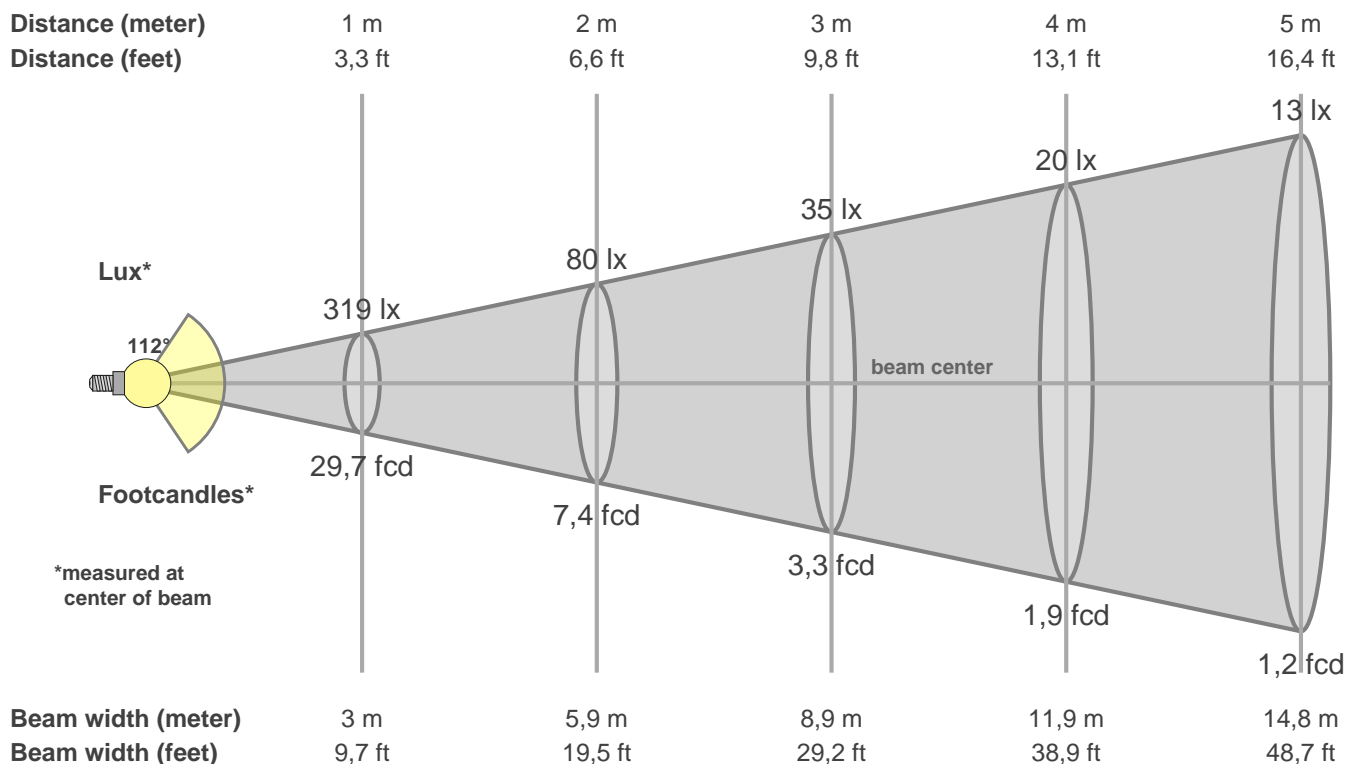
## Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4340 K	85,8	21,8	82,8	95,5	82,7	0,4	0,4	0,2	0,3	0,0044

# СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

## Beam details

3 of 3



### 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°
319	319	313	304	292	278	260	244	226	207	184	163	146	126	107	92	74	55	41	30
100%	100%	98%	95%	91%	87%	81%	77%	71%	65%	58%	51%	46%	39%	34%	29%	23%	17%	13%	9%

### Intensities in 90° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
319	322	318	307	294	280	265	249	229	209	186	164	143	120	97	72	47	28	19	14
100%	101%	100%	96%	92%	88%	83%	78%	72%	66%	58%	51%	45%	38%	31%	23%	15%	9%	6%	4%

### 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°
319	319	318	311	299	284	268	248	228	204	179	161	144	126	108	90	70	53	40	30
100%	100%	99%	97%	94%	89%	84%	78%	72%	64%	56%	50%	45%	39%	34%	28%	22%	17%	12%	9%

### Intensities in 270° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
319	322	318	307	294	280	265	249	229	209	186	164	143	120	97	72	47	28	19	14
100%	101%	100%	96%	92%	88%	83%	78%	72%	66%	58%	51%	45%	38%	31%	23%	15%	9%	6%	4%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
112,0°	174,3°	216,4°	70,5%	48,0%