

СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

Эффективность света:

120 Lumen/Watt

Качество света:

CRI: 81,8

Цветовая температура:

4142 K

Поток: 2082 lm

Интенс.: 756 cd

Мощн.: 17,3 W

КПД: 0,98



Название продукта:

СС

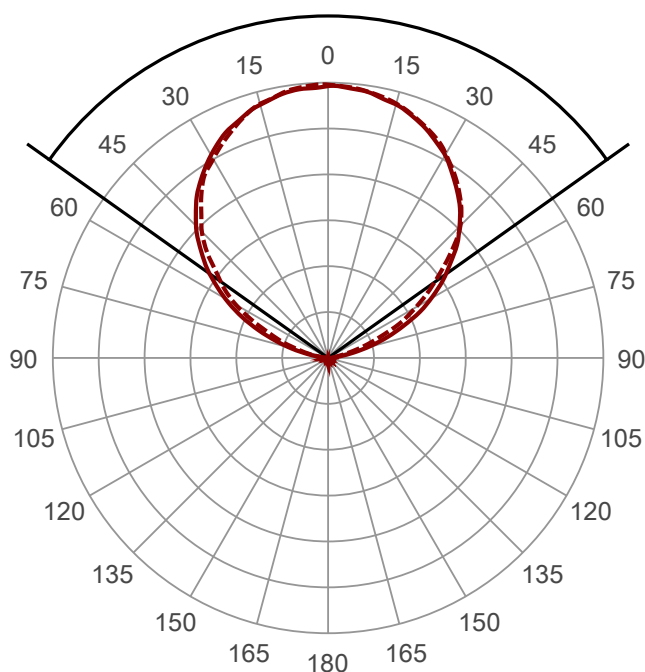
M1-K-E-16-130.100.130-4-0-67

Дата и время:

25.03.2016 12:44:52

Угол пучка

109,2° (3 C-PLANES)

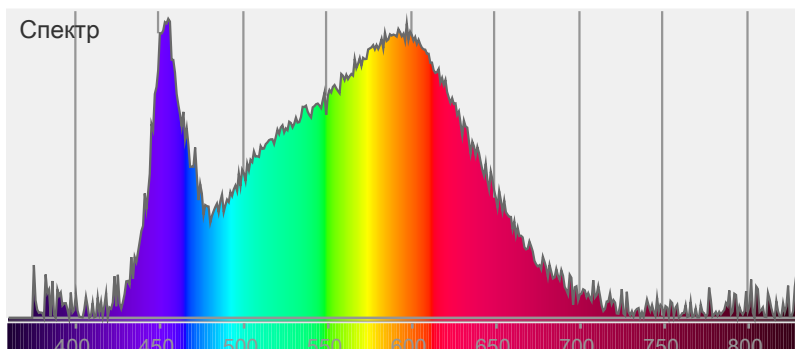


Цвет



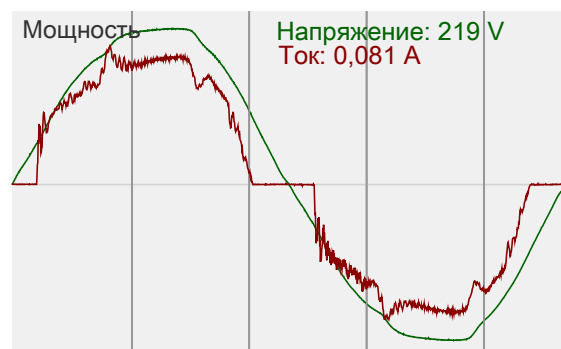
CIE1931
x: 0,376
y: 0,379

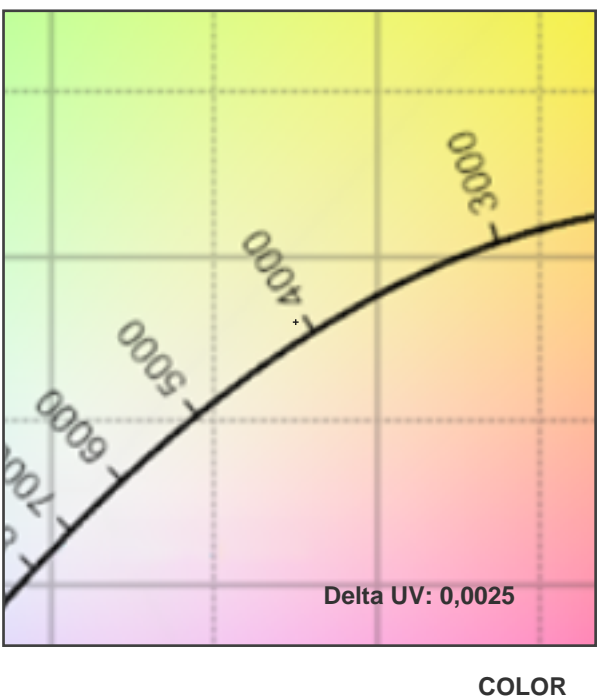
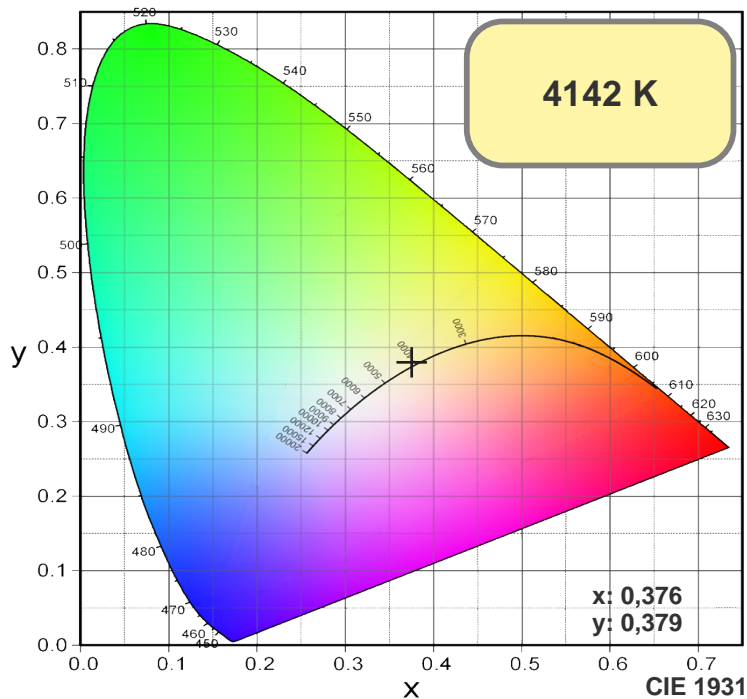
Спектр



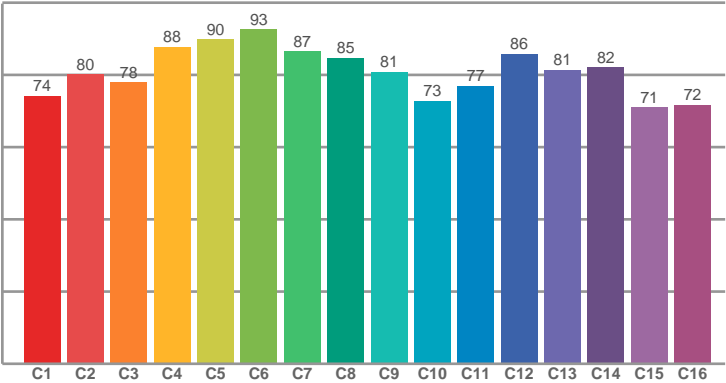
Мощность

Напряжение: 219 V
Ток: 0,081 A

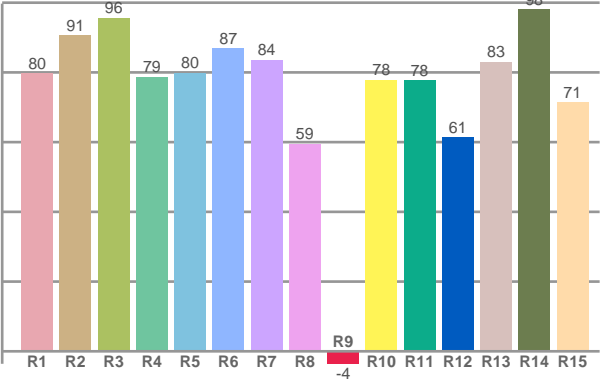




TM30: 81,0



CRI: 81,8 (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
79,81	90,67	95,60	78,71	79,87	86,95	83,58	59,49	-3,58	77,81	77,63	61,43	82,97	98,01	71,42

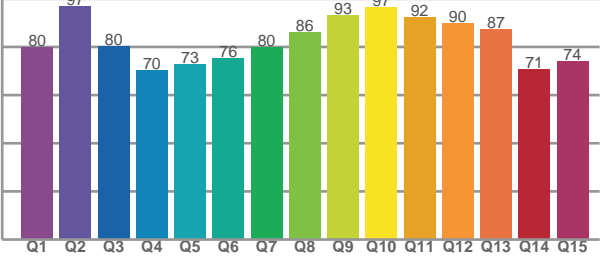
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
74,15	80,16	77,98	87,74	89,76	92,67	86,58	84,72	80,79	72,82	76,92	85,83	81,38	82,12	71,08	71,70

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
79,77	96,81	80,33	70,46	72,98	75,52	79,92	86,23	93,11	96,63	92,26	89,87	87,44	70,73	74,20

CQS: 80,8



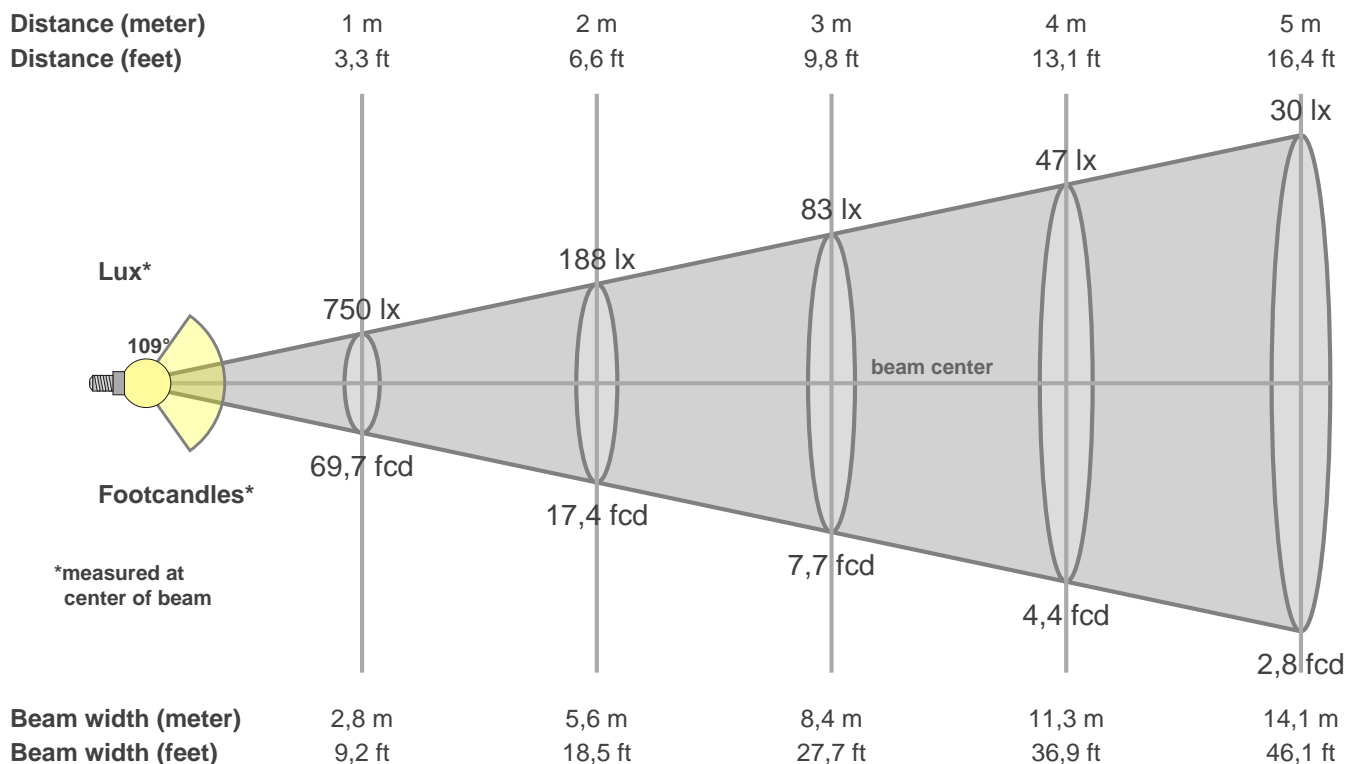
Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4142 K	81,8	-3,6	81,0	92,0	80,8	0,4	0,4	0,2	0,3	0,0025

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°
750	747	740	724	704	680	647	609	566	515	457	396	328	256	181	111	51	17	7	7
100%	99%	99%	96%	94%	91%	86%	81%	75%	69%	61%	53%	44%	34%	24%	15%	7%	2%	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°
750	752	742	726	700	668	635	600	546	493	427	360	294	212	142	80	37	11	6	7
100%	100%	99%	97%	93%	89%	85%	80%	73%	66%	57%	48%	39%	28%	19%	11%	5%	1%	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°
750	747	738	724	704	677	646	605	563	514	457	394	329	257	183	113	53	18	10	8
100%	100%	98%	97%	94%	90%	86%	81%	75%	68%	61%	53%	44%	34%	24%	15%	7%	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°
750	750	741	727	706	682	650	612	569	515	436	355	280	208	128	66	26	13	8	7
100%	100%	99%	97%	94%	91%	87%	82%	76%	69%	58%	47%	37%	28%	17%	9%	4%	2%	1%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
109,2°	152,6°	167,3°	80,8%	55,7%