

СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

Эффективность света:

122 Lumen/Watt

Качество света:

CRI: 82,0

Цветовая температура:

4202 K

Поток: 5846 lm

Интенс.: 2041 cd

Мощн.: 47,8 W

КПД: 0,98



Название продукта:

СС

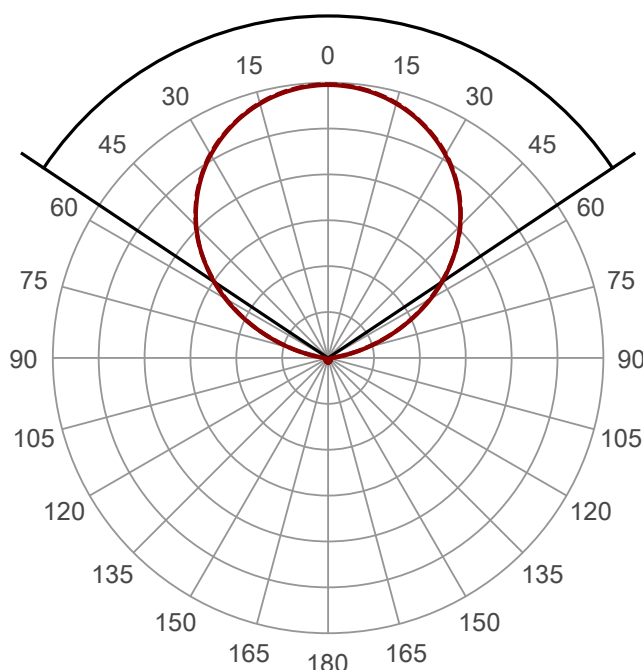
M1-K-E-48-250.100.130-4-0-67

Дата и время:

14.05.2016 14:17:56

Угол пучка

112,5° (3 C-PLANES)

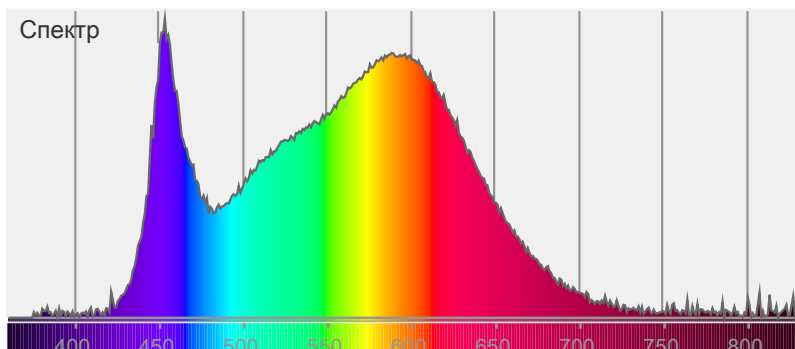


Цвет



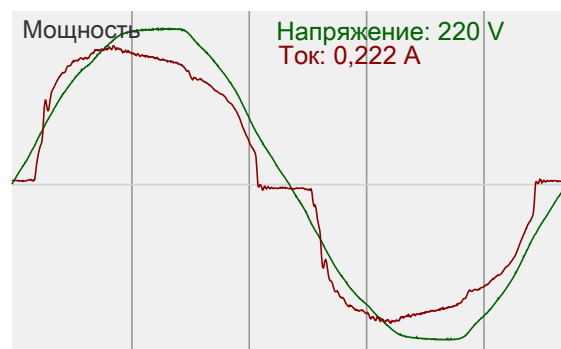
CIE1931
x: 0,373
y: 0,375

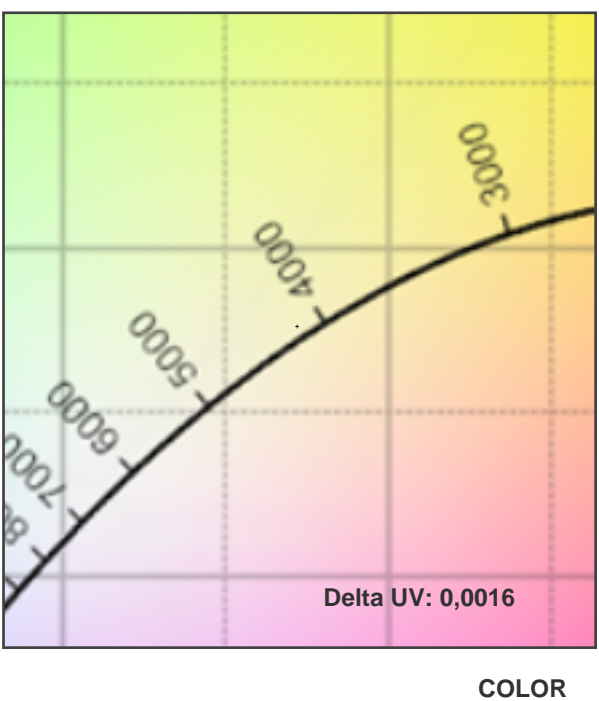
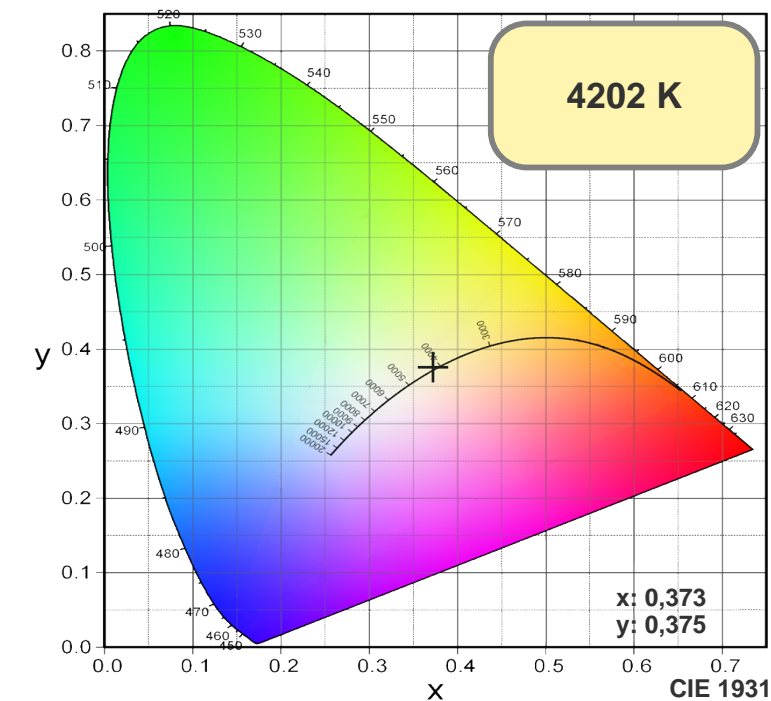
Спектр



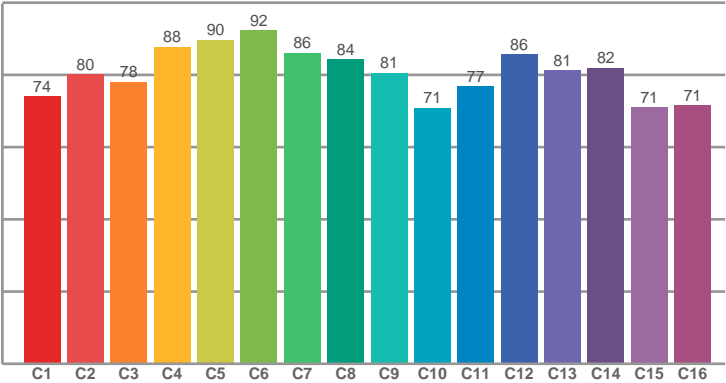
Мощность

Напряжение: 220 V
Ток: 0,222 A

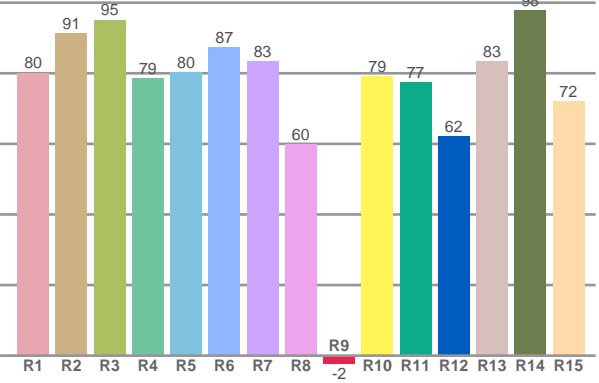




TM30: 80,8



CRI: 82,0 (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
80,14	91,26	95,13	78,54	80,26	87,36	83,30	59,82	-2,31	79,07	77,41	62,10	83,43	97,79	72,12

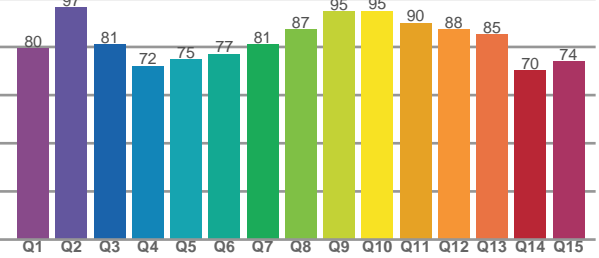
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
74,13	80,05	78,09	87,73	89,66	92,38	86,11	84,34	80,53	70,82	76,77	85,73	81,23	81,93	70,97	71,46

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
79,66	96,67	81,17	72,23	75,09	77,24	81,15	87,29	94,72	95,11	90,11	87,55	85,46	70,48	74,08

CQS: 81,3



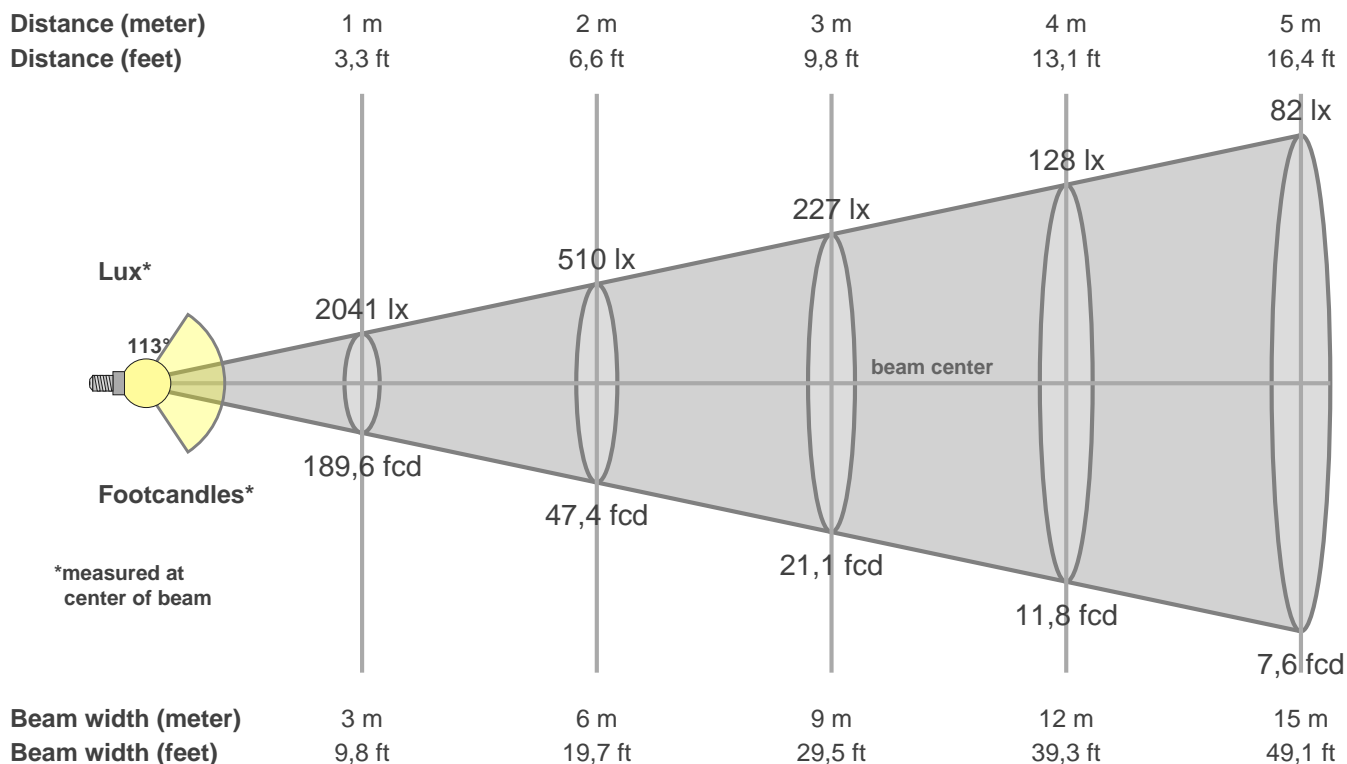
Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4202 K	82,0	-2,3	80,8	92,0	81,3	0,4	0,4	0,2	0,3	0,0016

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°
2041	2032	2008	1967	1912	1840	1753	1650	1529	1394	1240	1070	887	689	489	302	151	58	21	18
100%	100%	98%	96%	94%	90%	86%	81%	75%	68%	61%	52%	43%	34%	24%	15%	7%	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°
2041	2033	2008	1968	1912	1840	1756	1652	1531	1396	1239	1062	877	683	485	292	142	50	18	18
100%	100%	98%	96%	94%	90%	86%	81%	75%	68%	61%	52%	43%	33%	24%	14%	7%	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°
2041	2032	2008	1967	1912	1840	1753	1650	1529	1394	1240	1070	887	689	489	302	151	58	21	18
100%	100%	98%	96%	94%	90%	86%	81%	75%	68%	61%	52%	43%	34%	24%	15%	7%	3%	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°
2041	2033	2008	1968	1912	1840	1756	1652	1531	1396	1239	1062	877	683	485	292	142	50	18	18
100%	100%	98%	96%	94%	90%	86%	81%	75%	68%	61%	52%	43%	33%	24%	14%	7%	2%	1%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
112,5°	155,6°	170,3°	79,4%	54,1%