

СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

Эффективность света:

122 Lumen/Watt

Качество света:

CRI: 81,5

Цветовая температура:

4133 K

Поток: 22659 lm

Интенс.: 7602 cd

Мощн.: 186 W

КПД: 0,98



Название продукта:

СС

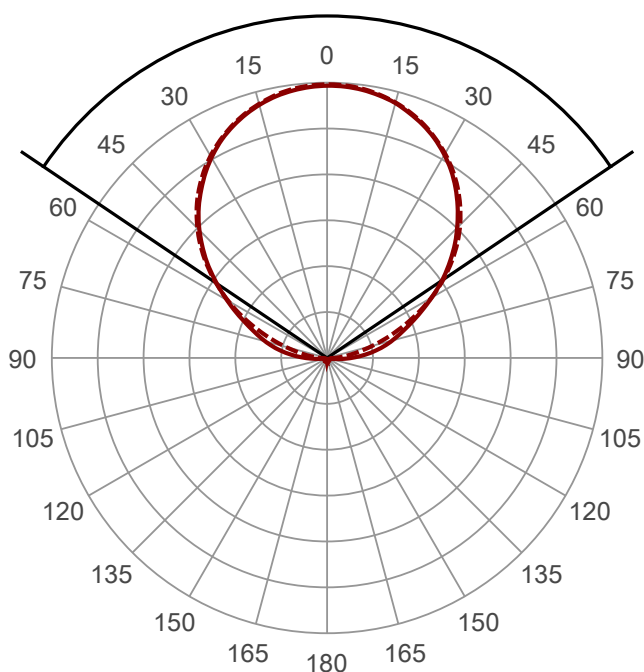
T1-Y-E-192-510.200.170-4-0-67

Дата и время:

23.03.2016 13:44:15

Угол пучка

112° (3 C-PLANES)

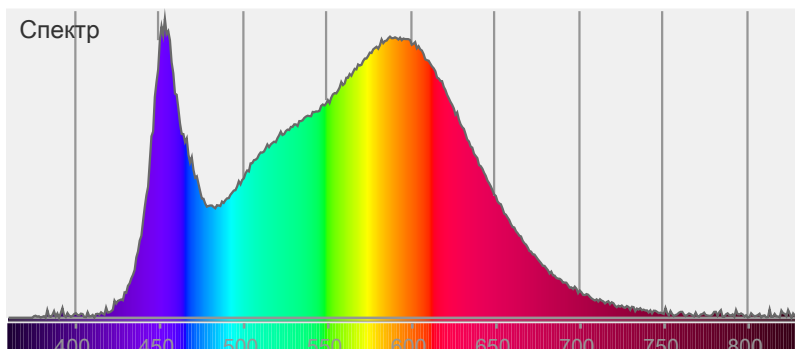


Цвет



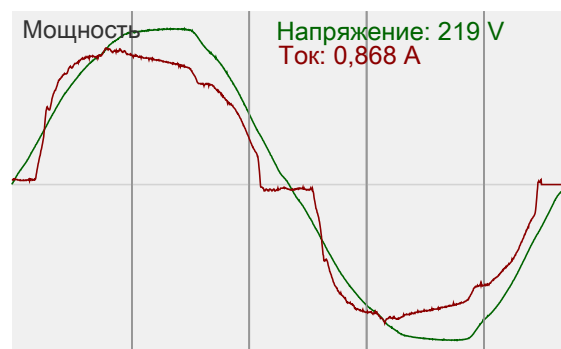
CIE1931
x: 0,377
y: 0,380

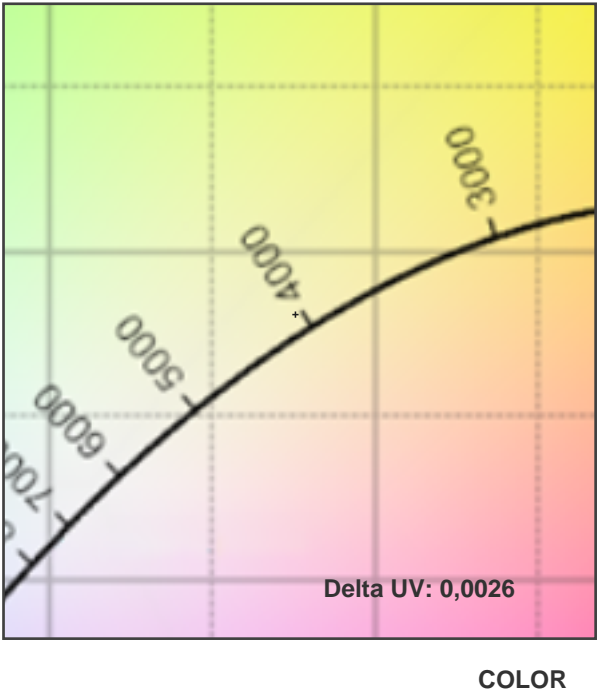
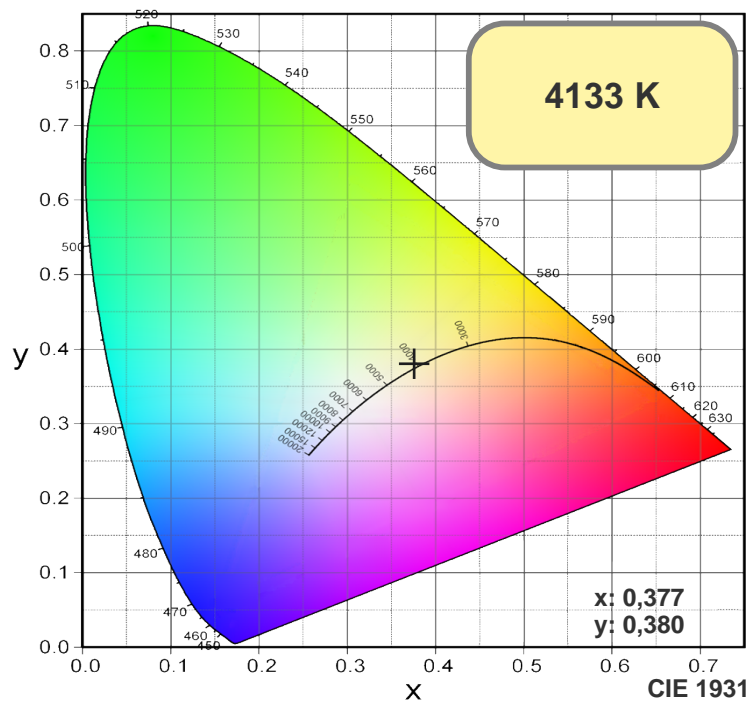
Спектр



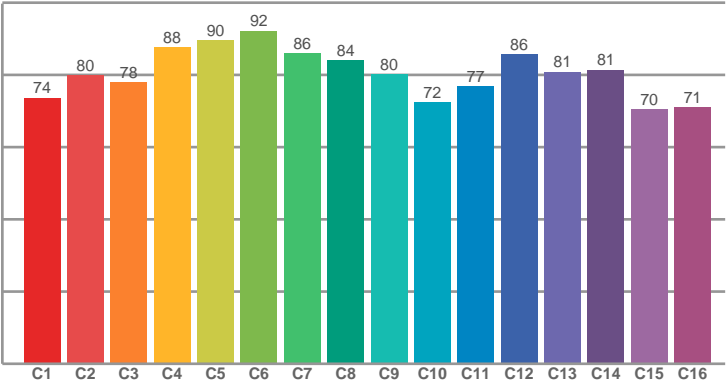
Мощность

Напряжение: 219 V
Ток: 0,868 A

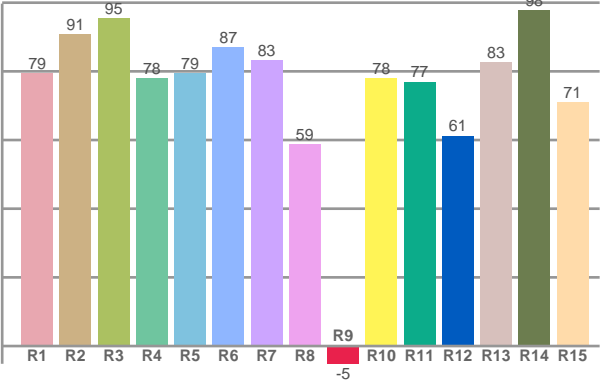




TM30: 80,6



CRI: 81,5 (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
79,35	90,68	95,32	78,04	79,48	86,92	83,18	58,74	-5,17	77,97	76,89	61,18	82,63	97,81	70,85

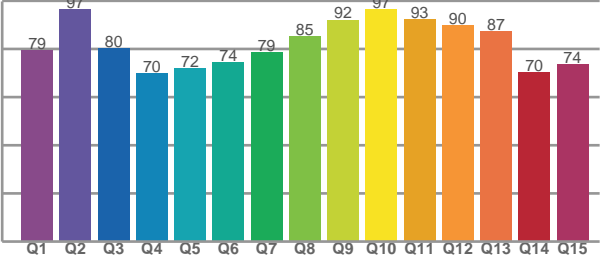
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
73,59	79,79	77,96	87,70	89,56	92,17	85,86	84,05	80,09	72,46	76,80	85,71	80,84	81,41	70,37	70,96

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
79,45	96,60	80,30	69,79	71,99	74,41	78,83	85,42	92,20	96,58	92,56	89,98	87,37	70,33	73,84

CQS: 80,4



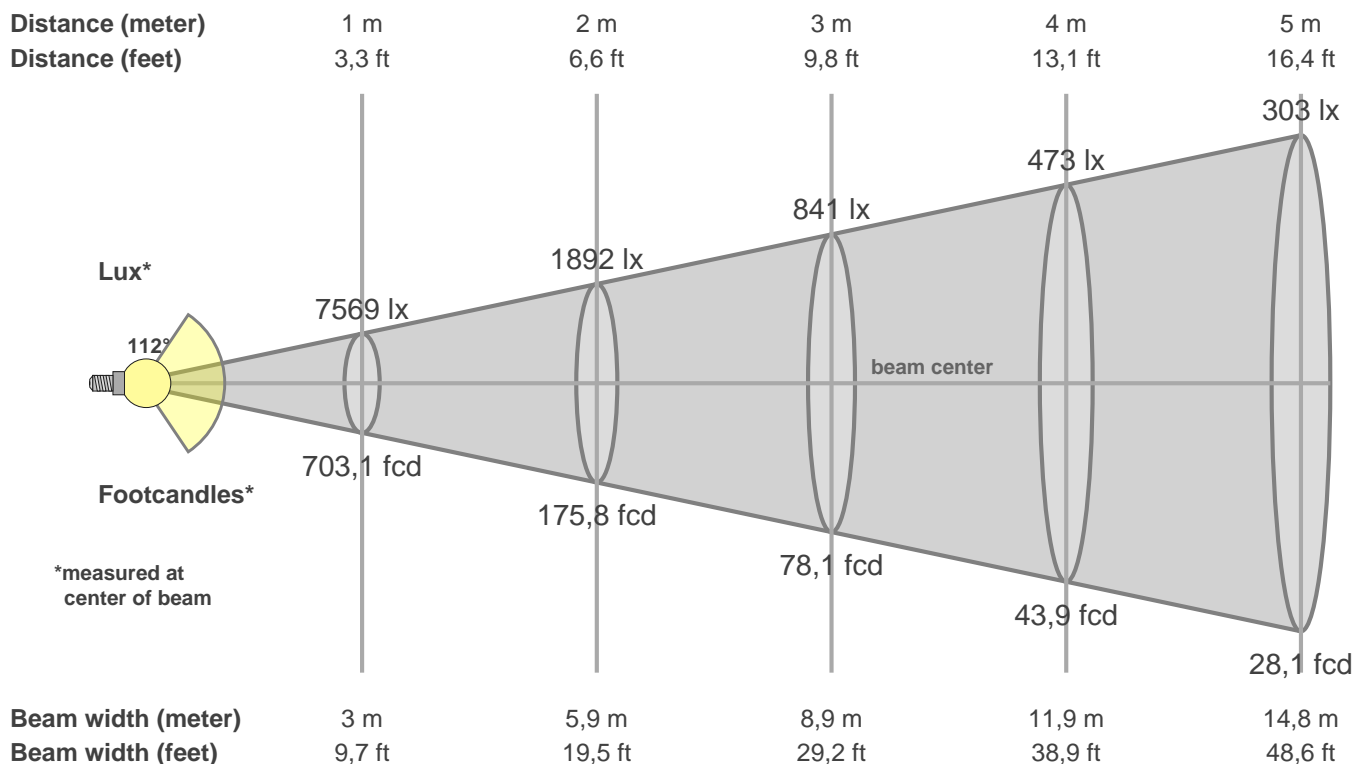
Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4133 K	81,5	-5,2	80,6	91,6	80,4	0,4	0,4	0,2	0,3	0,0026

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°
7569	7523	7431	7276	7057	6780	6423	6001	5540	5015	4439	3822	3216	2654	2170	1778	1391	986	608	298
100%	99%	98%	96%	93%	90%	85%	79%	73%	66%	59%	50%	42%	35%	29%	23%	18%	13%	8%	4%

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°
7569	7564	7472	7306	7088	6813	6477	6079	5625	5091	4506	3859	3174	2472	1798	1207	736	401	176	75
100%	100%	99%	97%	94%	90%	86%	80%	74%	67%	60%	51%	42%	33%	24%	16%	10%	5%	2%	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°
7569	7542	7462	7331	7112	6851	6516	6109	5631	5111	4559	3975	3362	2783	2283	1876	1479	1069	677	349
100%	100%	99%	97%	94%	91%	86%	81%	74%	68%	60%	53%	44%	37%	30%	25%	20%	14%	9%	5%

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°
7569	7575	7488	7347	7142	6875	6556	6172	5726	5227	4654	4027	3342	2624	1931	1312	814	450	213	102
100%	100%	99%	97%	94%	91%	87%	82%	76%	69%	61%	53%	44%	35%	26%	17%	11%	6%	3%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
112,0°	166,2°	186,2°	75,7%	51,7%