

СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

Эффективность света:

125 Lumen/Watt

Качество света:

CRI: 84,6

Цветовая температура:

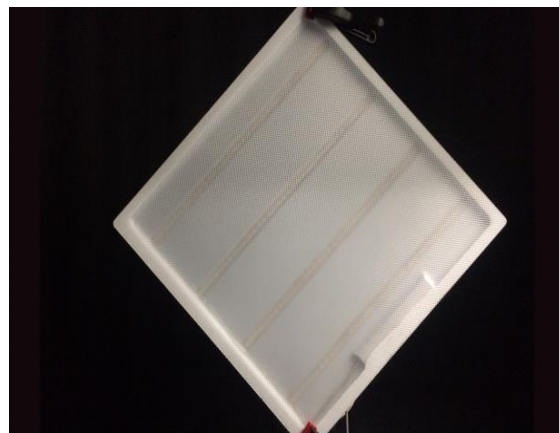
4207 K

Поток: 5246 lm

Интенс.: 2449 cd

Мощн.: 42,1 W

КПД: 0,94



Название продукта:

СС 02-У-С-42-590.590.15-4-0-65

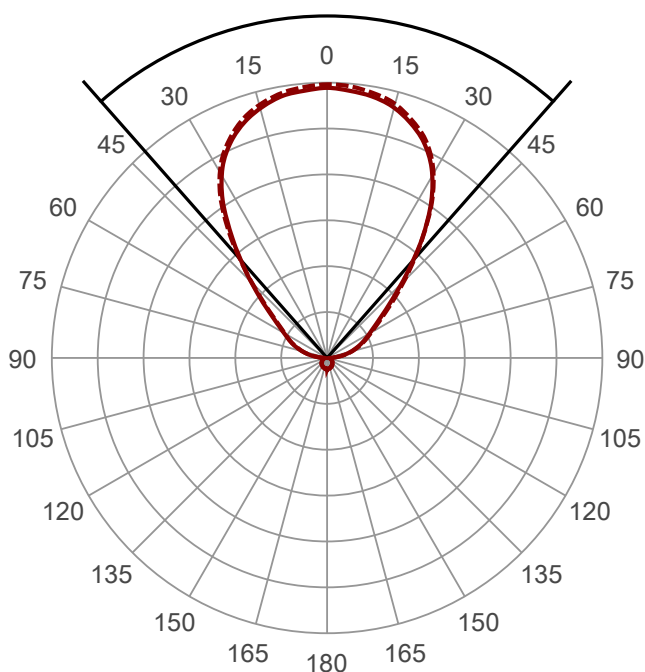
Дата и время:

01.08.2016 16:38:47

Угол пучка

82,8°

(4 PLANES)
8 C-Planes

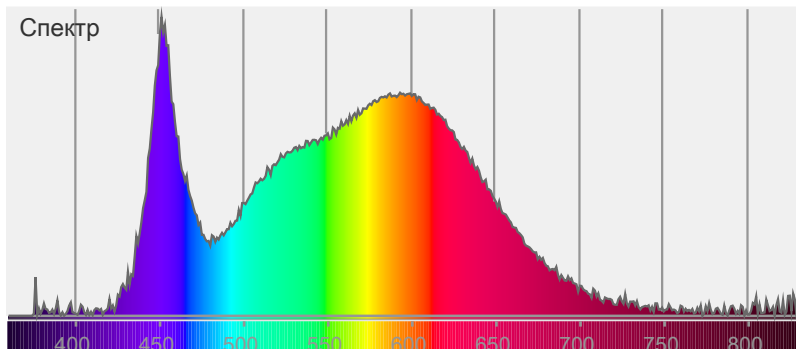


Цвет



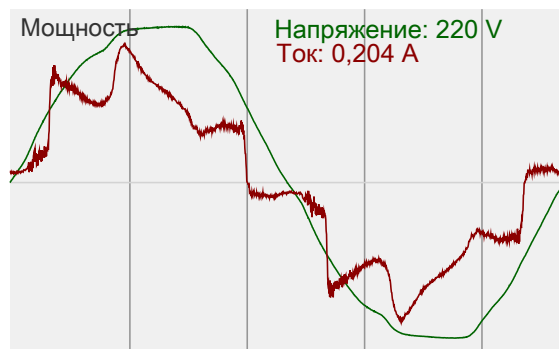
CIE1931
x: 0,371
y: 0,369

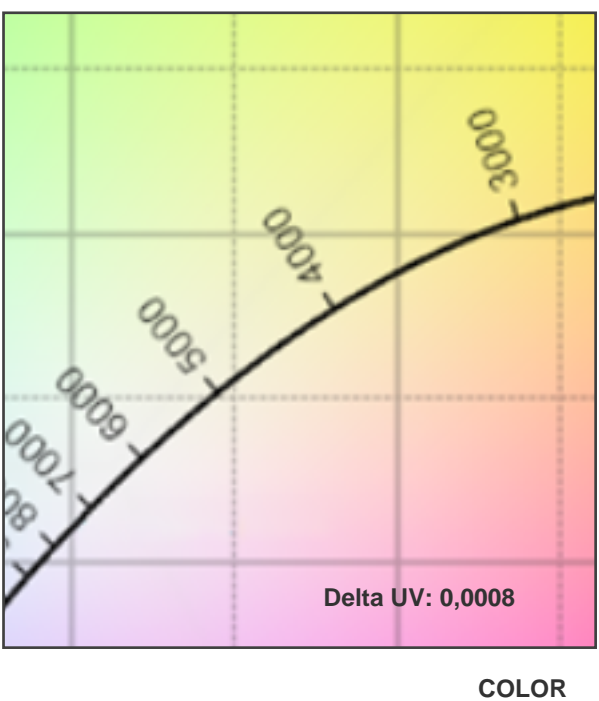
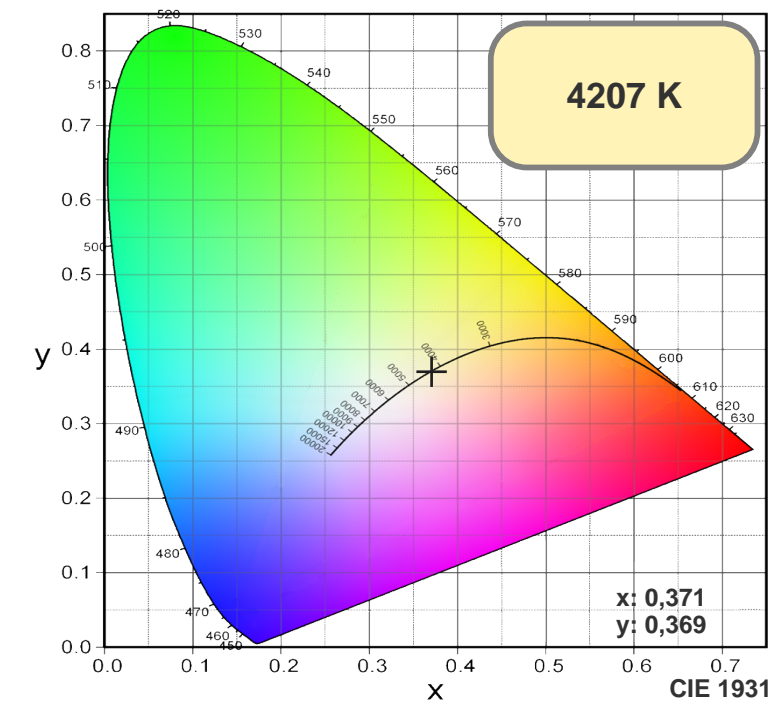
Спектр



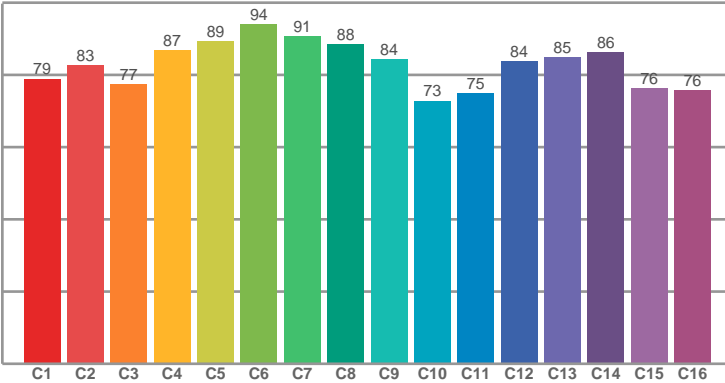
Мощность

Напряжение: 220 V
Ток: 0,204 A

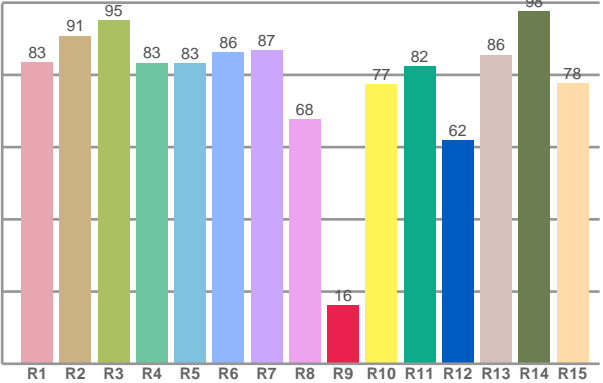




TM30: 82,7



CRI: 84,6 (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
83,42	90,78	95,05	83,35	83,12	86,28	86,87	67,72	16,16	77,27	82,45	61,86	85,53	97,51	77,54

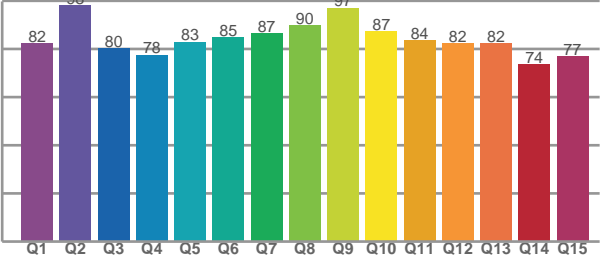
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
78,85	82,55	77,44	86,73	89,18	93,98	90,59	88,38	84,24	72,78	74,83	83,67	84,79	86,18	76,22	75,79

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
82,48	98,26	80,34	77,68	83,02	85,06	86,69	90,06	97,14	87,29	83,72	82,28	82,26	73,74	77,05

CQS: 83,1



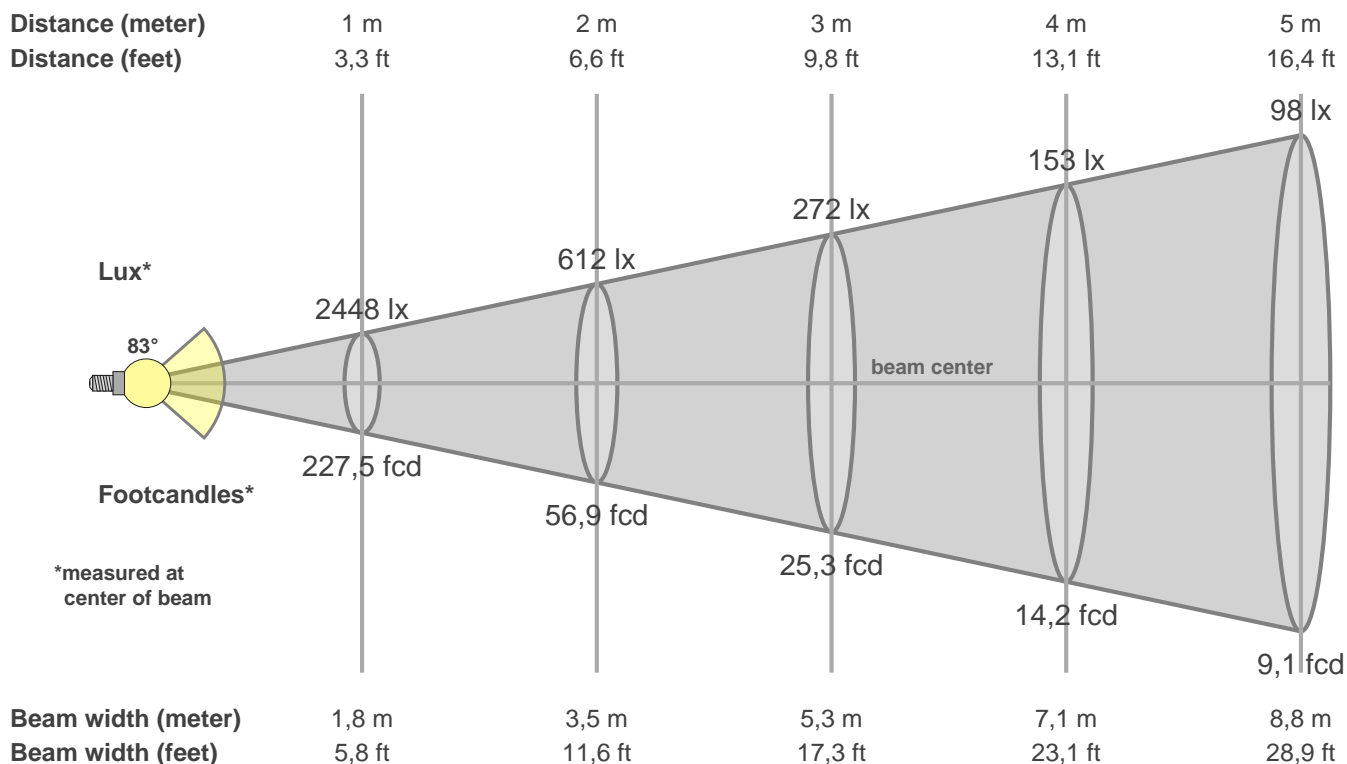
Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4207 K	84,6	16,2	82,7	95,6	83,1	0,4	0,4	0,2	0,3	0,0008

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°
2448	2430	2405	2340	2246	2107	1903	1613	1279	980	740	567	454	376	306	233	162	86	32	23
100%	99%	98%	96%	92%	86%	78%	66%	52%	40%	30%	23%	19%	15%	12%	10%	7%	3%	1%	1%

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°
2448	2432	2402	2342	2249	2109	1912	1628	1285	960	712	545	440	367	296	227	155	77	29	23
100%	99%	98%	96%	92%	86%	78%	67%	52%	39%	29%	22%	18%	15%	12%	9%	6%	3%	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°
2448	2429	2402	2346	2248	2110	1902	1616	1282	965	720	556	448	369	297	227	156	81	32	24
100%	99%	98%	96%	92%	86%	78%	66%	52%	39%	29%	23%	18%	15%	12%	9%	6%	3%	1%	1%

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°
2448	2439	2405	2352	2250	2113	1899	1608	1279	983	748	576	460	377	304	232	158	80	33	24
100%	100%	98%	96%	92%	86%	78%	66%	52%	40%	31%	24%	19%	15%	12%	9%	6%	3%	1%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
82,8°	151,6°	360,0°	79,2%	62,2%