

СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

Эффективность света:

129 Lumen/Watt

Качество света:

CRI: 86,3

Цветовая температура:

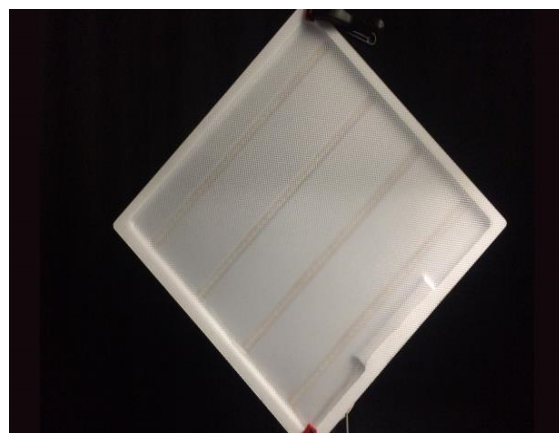
4243 K

Поток: 5449 lm

Интенс.: 2283 cd

Мощн.: 42,3 W

КПД: 0,94



Название продукта:

СС 02-У-К-42-590.590.15-4-0-65

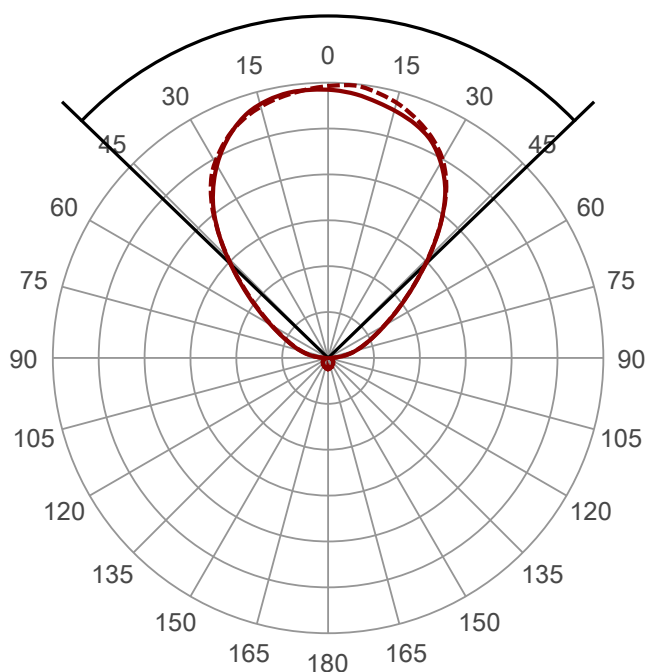
Дата и время:

01.08.2016 16:33:39

Угол пучка

92,2°

(4 PLANES)
8 C-Planes

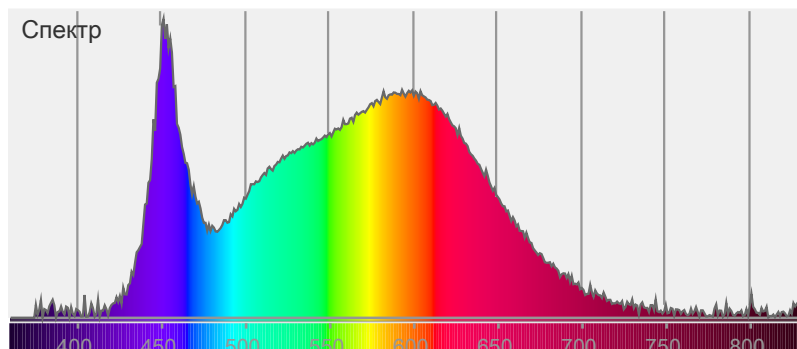


Цвет



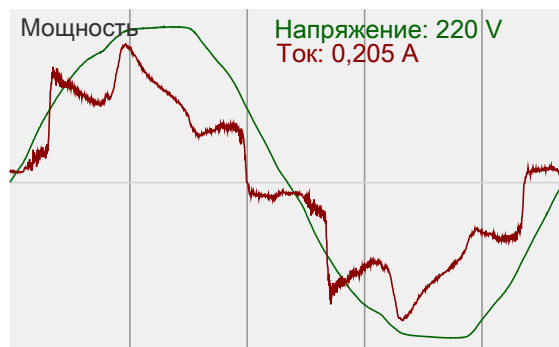
CIE1931
x: 0,370
y: 0,367

Спектр



Мощность

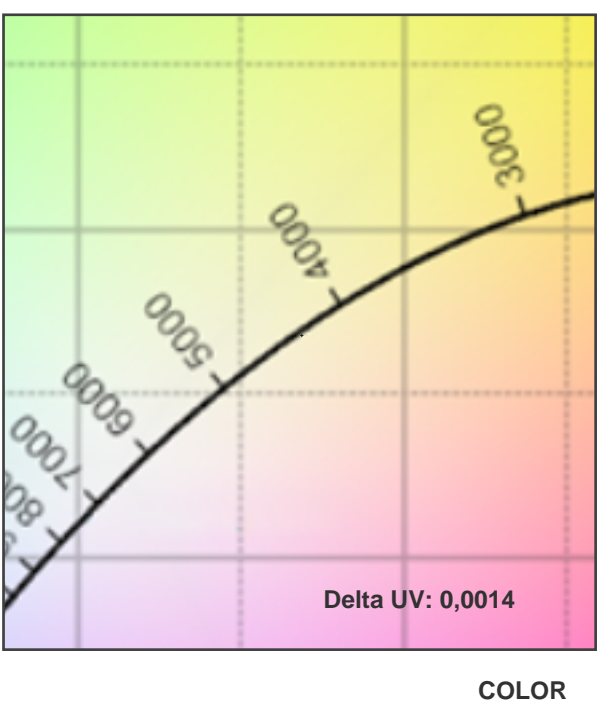
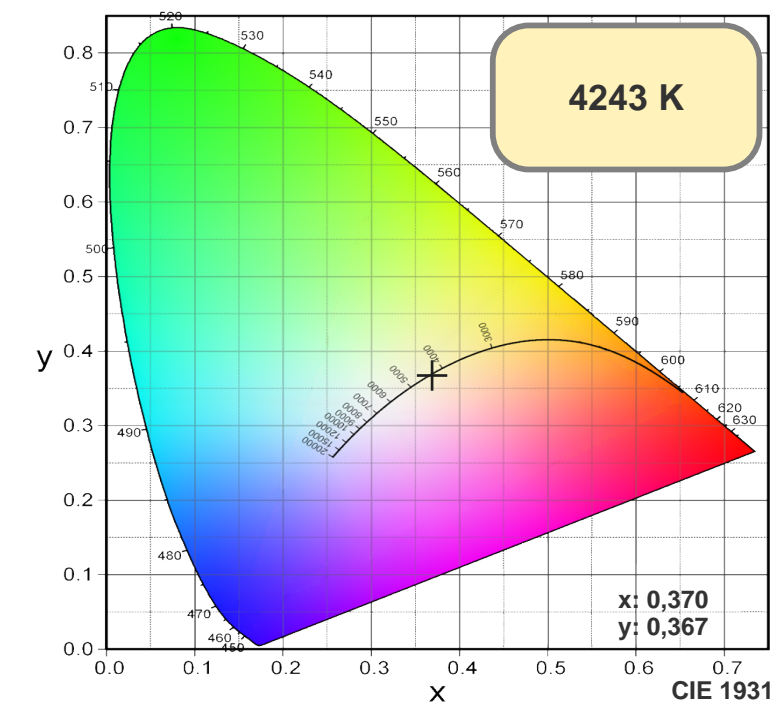
Напряжение: 220 V
Ток: 0,205 A



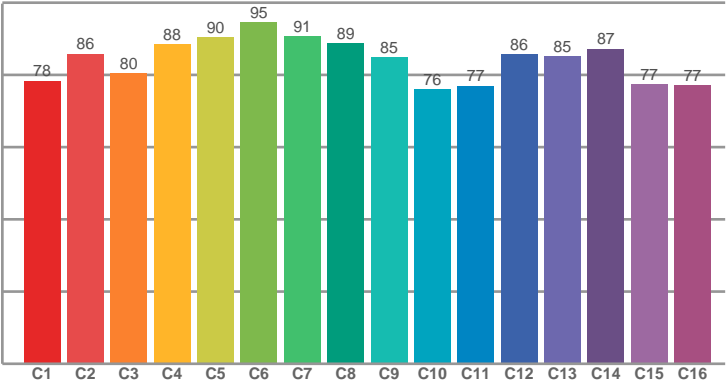
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Colormetrics

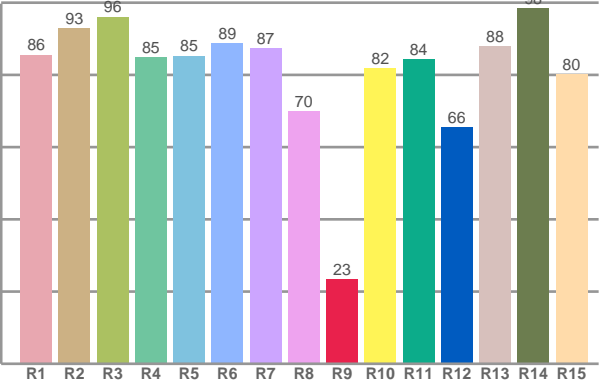
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TM30: 84,0



CRI: 86,3 (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
85,54	92,79	96,06	84,77	85,28	88,69	87,28	69,95	23,38	81,88	84,24	65,52	87,80	98,31	80,08

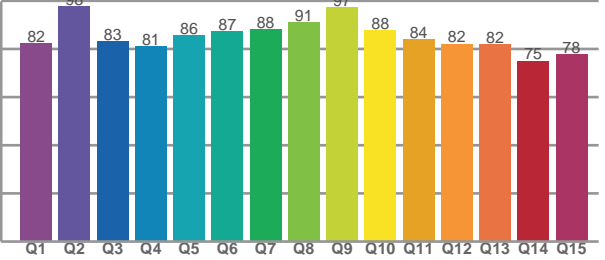
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
78,30	85,85	80,33	88,37	90,30	94,51	90,64	88,78	84,74	75,92	76,94	85,62	85,03	87,19	77,29	77,09

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
82,34	97,74	83,32	81,09	85,68	87,29	88,32	91,27	97,25	87,67	84,02	82,20	82,10	75,17	77,99

CQS: 84,3



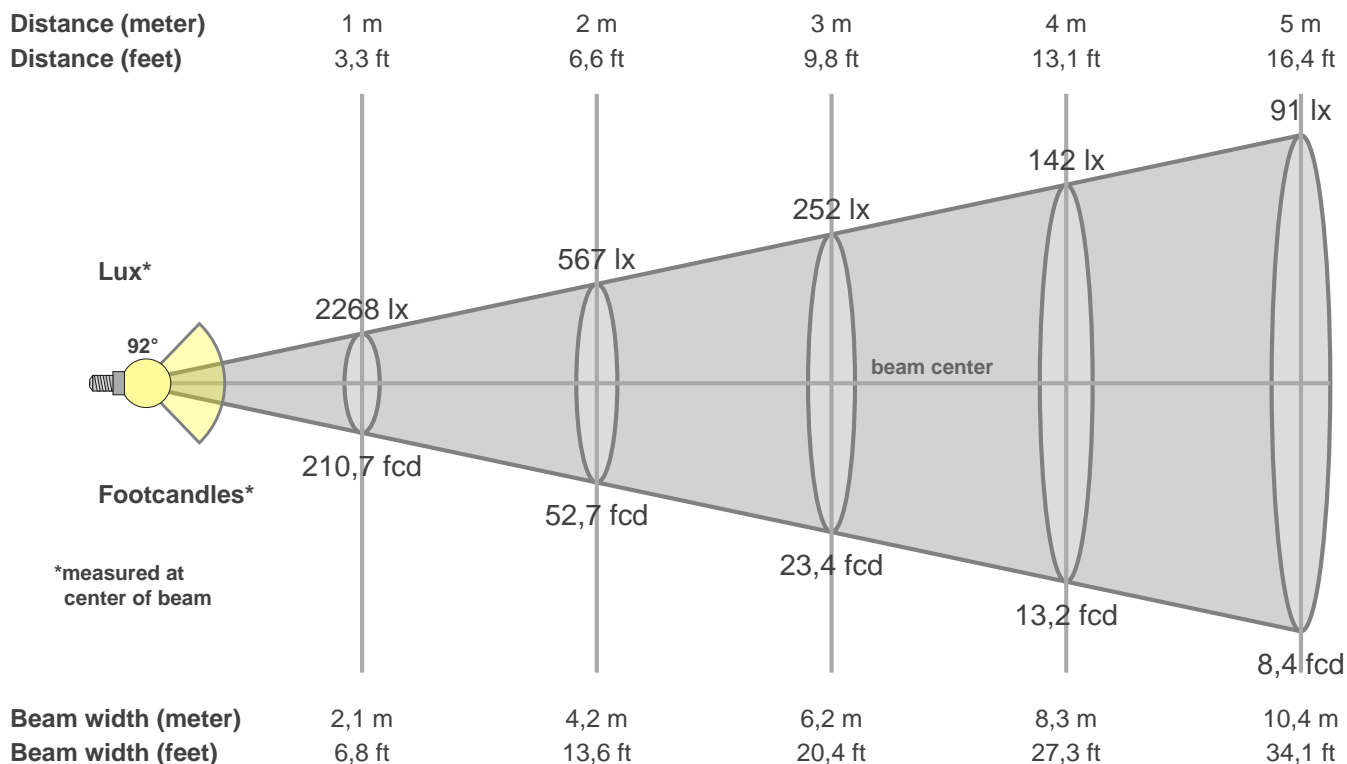
Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4243 K	86,3	23,4	84,0	95,6	84,3	0,4	0,4	0,2	0,3	0,0014

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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°
2268	2272	2259	2219	2143	2027	1877	1694	1467	1206	955	738	563	430	330	250	176	100	33	22
100%	100%	100%	98%	94%	89%	83%	75%	65%	53%	42%	33%	25%	19%	15%	11%	8%	4%	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°
2268	2244	2212	2168	2103	2009	1880	1700	1454	1185	930	715	545	415	319	238	165	89	29	21
100%	99%	98%	96%	93%	89%	83%	75%	64%	52%	41%	32%	24%	18%	14%	10%	7%	4%	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°
2268	2248	2211	2167	2116	2038	1906	1728	1482	1206	942	728	558	427	327	246	172	92	37	27
100%	99%	97%	96%	93%	90%	84%	76%	65%	53%	42%	32%	25%	19%	14%	11%	8%	4%	2%	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°
2268	2281	2255	2204	2130	2036	1910	1718	1460	1183	926	713	544	419	323	242	164	88	34	25
100%	101%	99%	97%	94%	90%	84%	76%	64%	52%	41%	31%	24%	18%	14%	11%	7%	4%	2%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
92,2°	152,4°	360,0°	80,0%	60,4%