

СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

Эффективность света:

123 Lumen/Watt

Качество света:

CRI: 83,8

Цветовая температура:

4271 K

Поток: 6601 lm

Интенс.: 2745 cd

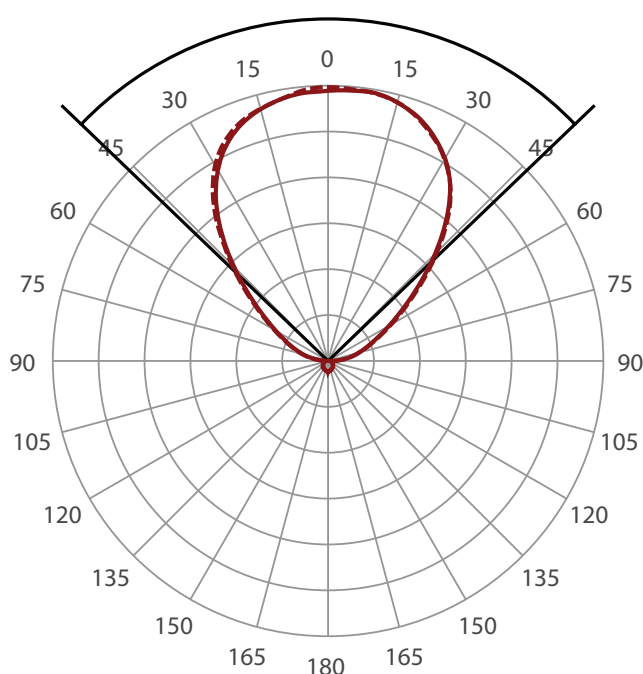
Мощн.: 53,5 W

КПД: 0,92

Угол пучка

92,4°

(3 C-PLANES)

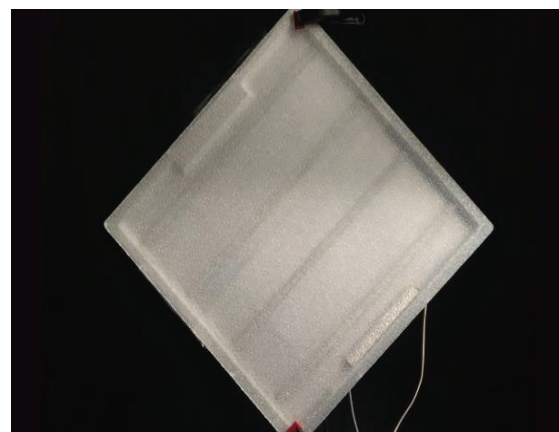
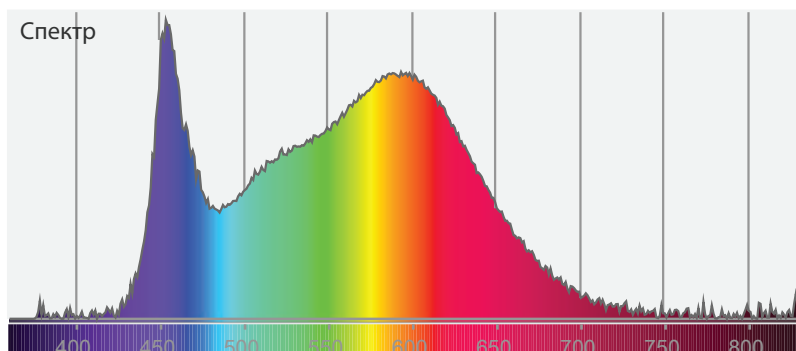


Цвет



CIE1931
x: 0,369
y: 0,370

Спектр

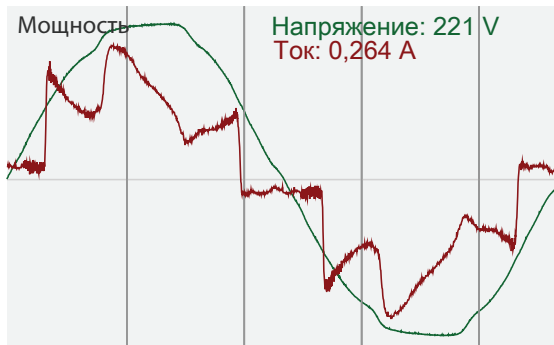


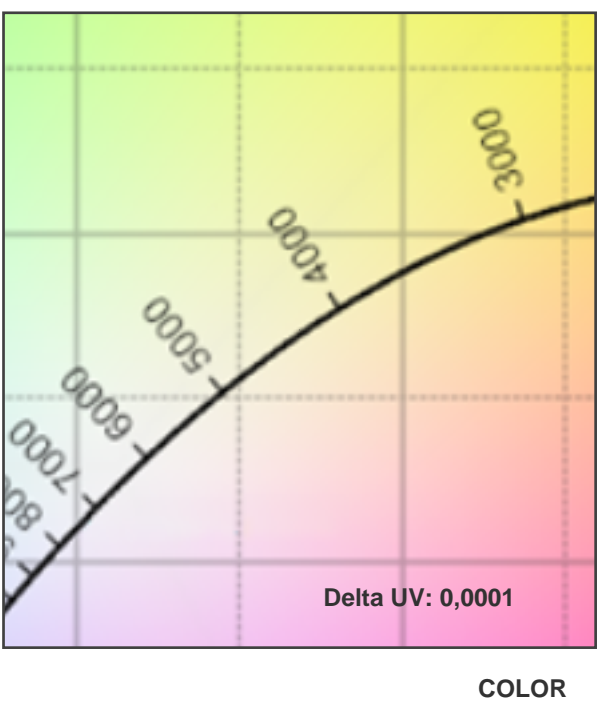
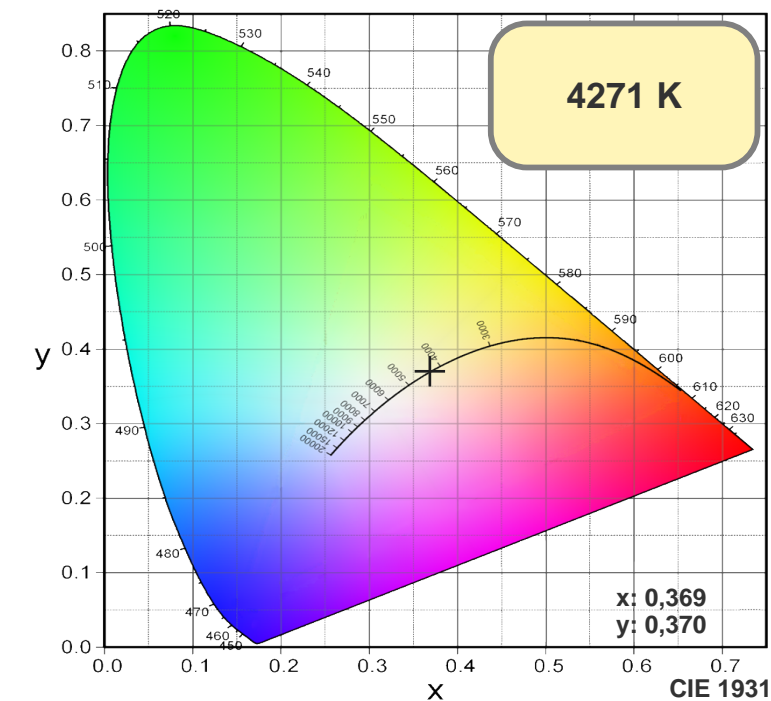
Название продукта:

СС 02-У-К-56-590.590.15-4-0-65

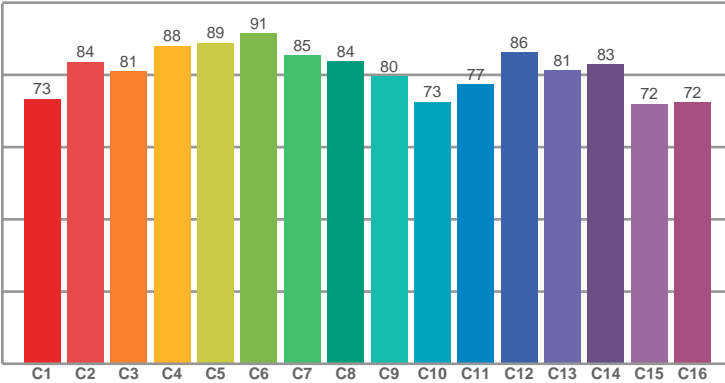
Дата и время:

29.03.2016 17:44:59

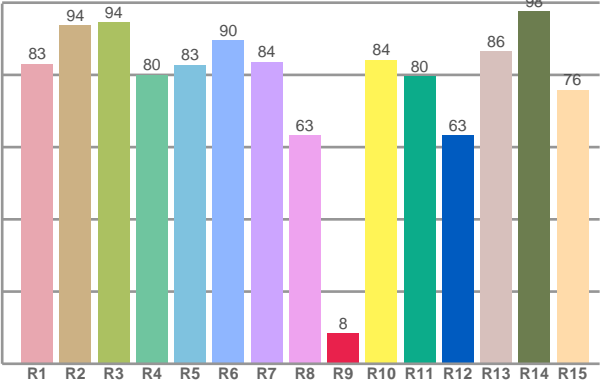




TM30: 81,2



CRI: 83,8 (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
83,01	93,64	94,47	80,00	82,75	89,61	83,56	63,17	8,42	84,18	79,54	63,21	86,47	97,57	75,82

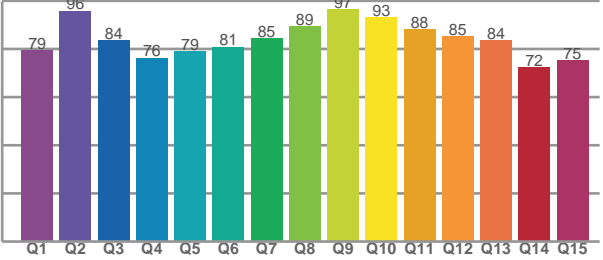
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
73,36	83,57	80,99	88,00	88,88	91,49	85,35	83,71	79,57	72,54	77,30	86,24	81,16	82,89	71,99	72,44

CQS Q values

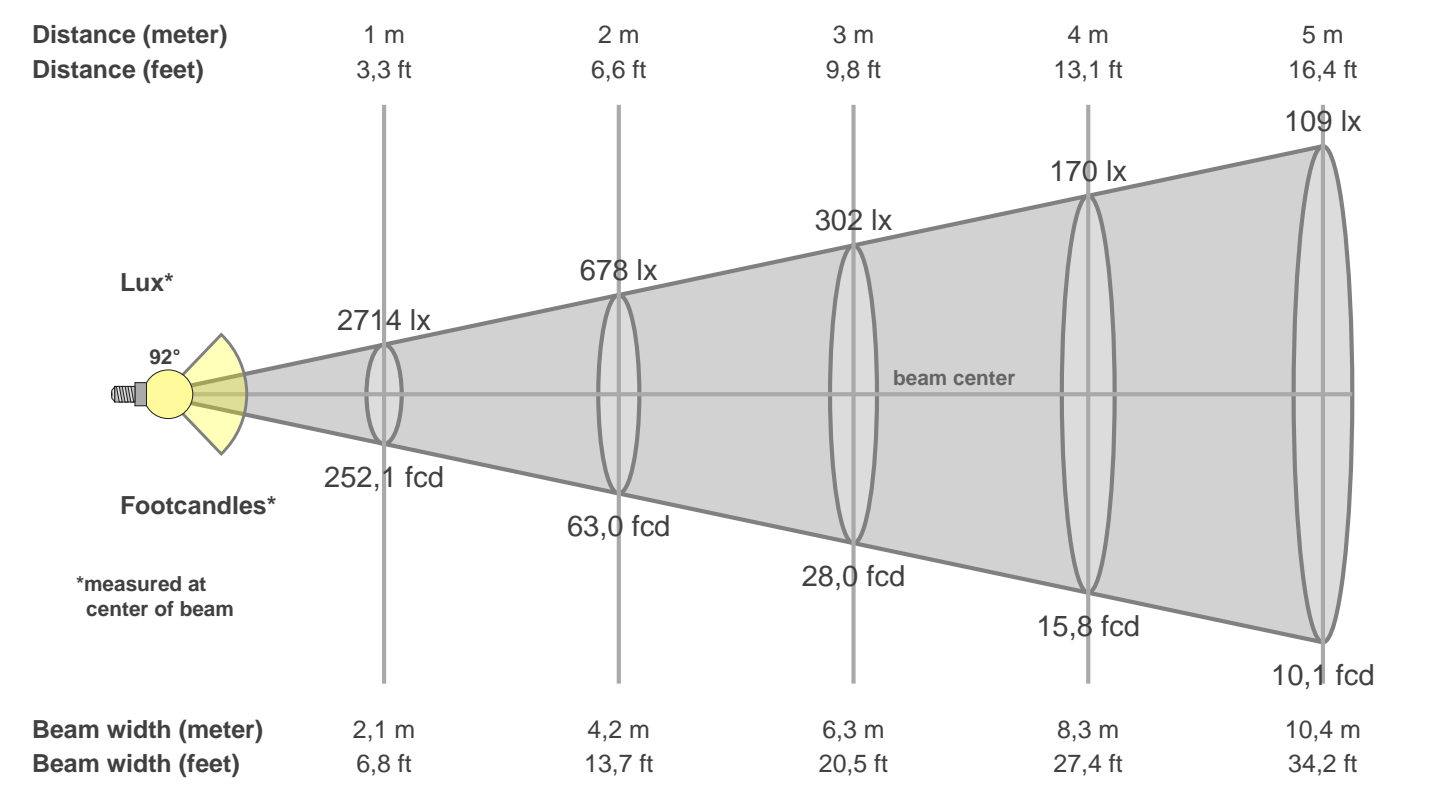
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
79,40	95,92	83,78	76,39	79,26	80,95	84,56	89,33	96,68	93,22	88,14	85,39	83,80	72,46	75,48

CQS: 82,8



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4271 K	83,8	8,4	81,2	92,2	82,8	0,4	0,4	0,2	0,3	0,0001



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°
2714	2700	2669	2613	2531	2396	2207	1958	1653	1332	1037	792	606	468	357	264	171	79	23	25
100%	99%	98%	96%	93%	88%	81%	72%	61%	49%	38%	29%	22%	17%	13%	10%	6%	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°
2714	2727	2672	2619	2553	2436	2262	2011	1694	1367	1069	821	625	480	368	274	183	85	23	24
100%	100%	98%	96%	94%	90%	83%	74%	62%	50%	39%	30%	23%	18%	14%	10%	7%	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°
2714	2722	2726	2683	2612	2495	2343	2134	1841	1517	1197	925	708	542	419	318	230	140	53	28
100%	100%	100%	99%	96%	92%	86%	79%	68%	56%	44%	34%	26%	20%	15%	12%	8%	5%	2%	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°
2714	2736	2724	2683	2603	2483	2334	2138	1866	1548	1231	955	732	559	428	321	234	142	54	25
100%	101%	100%	99%	96%	91%	86%	79%	69%	57%	45%	35%	27%	21%	16%	12%	9%	5%	2%	1%

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