

СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

Эффективность света:

118 Lumen/Watt

Качество света:

CRI: 85,4

Цветовая температура:

4158 K

Поток: 4856 lm

Интенс.: 2051 cd

Мощн.: 41,1 W

КПД: 0,94



Название продукта:

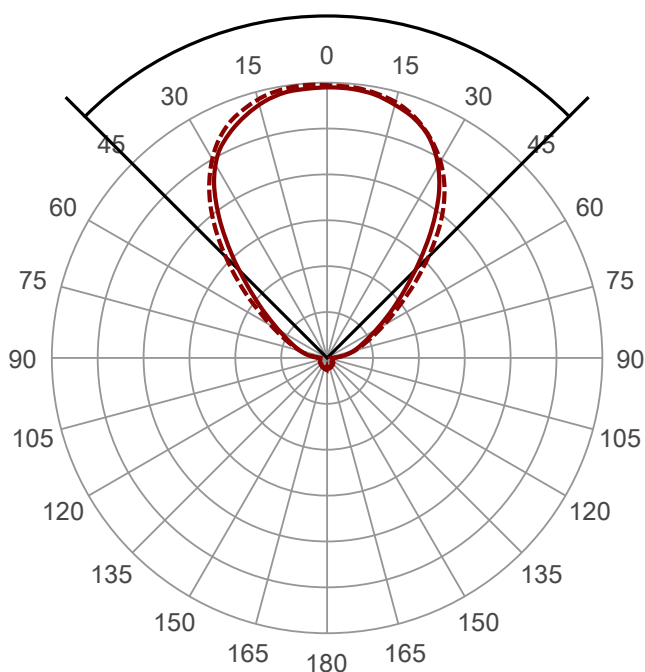
СС

04-Y-K-42-1500.130.15-4-0-65

Дата и время:

01.06.2016 10:11:40

Угол пучка **90,2°** (3 C-PLANES)



Цвет

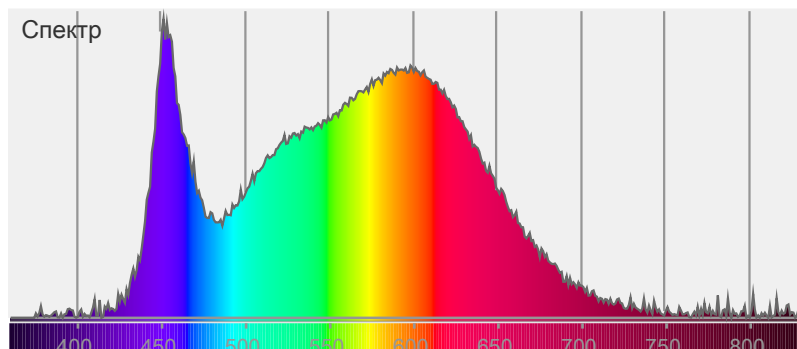


CIE1931

x: 0,374

y: 0,373

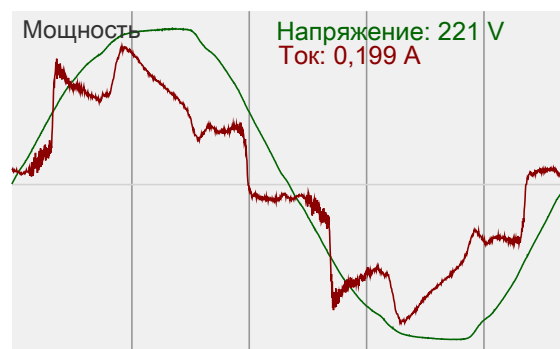
Спектр

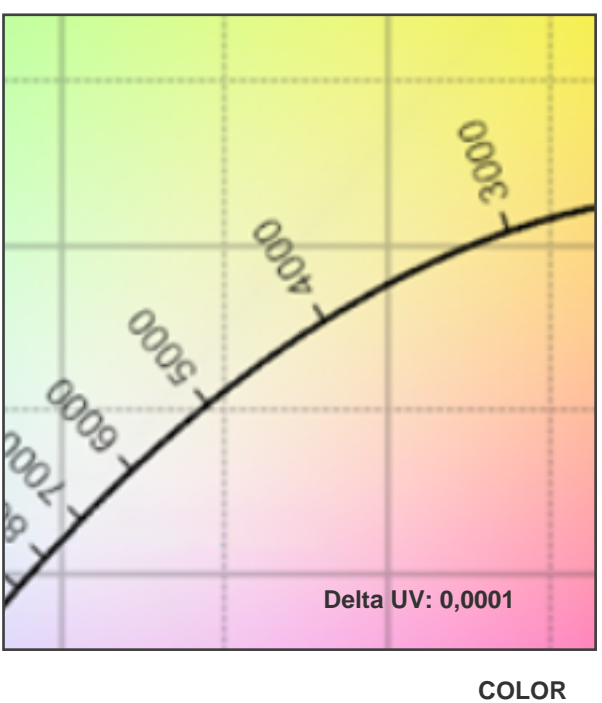
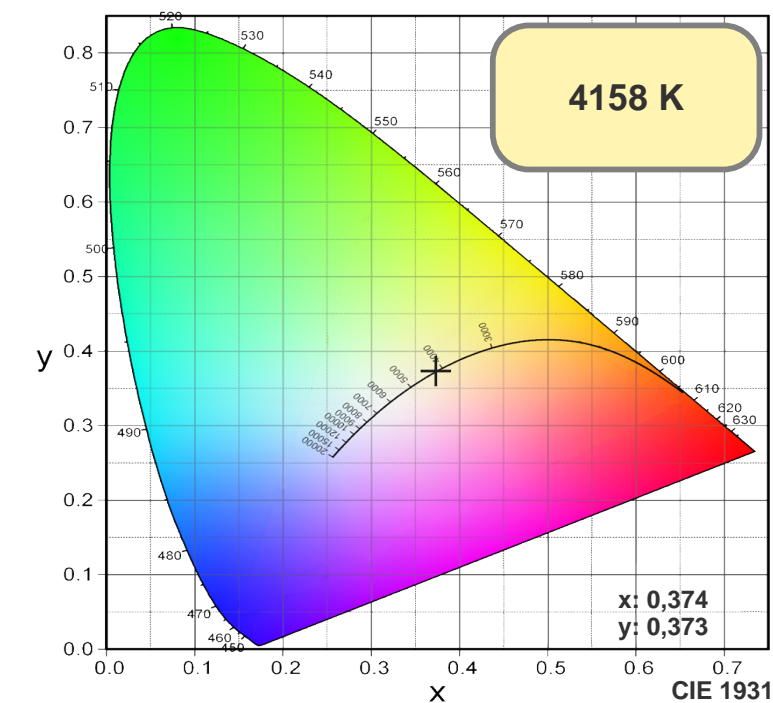


Мощность

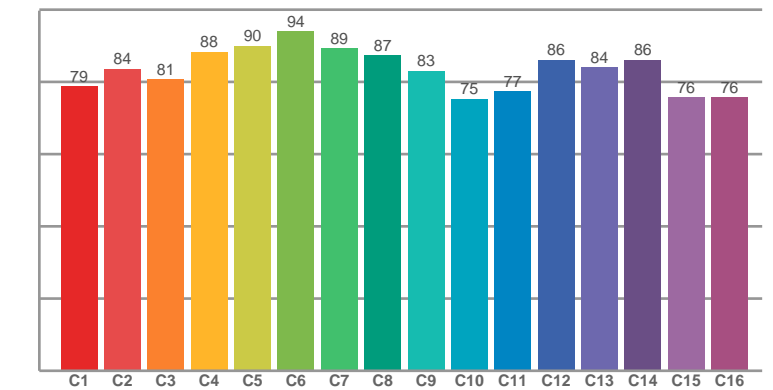
Напряжение: 221 V

Ток: 0,199 A

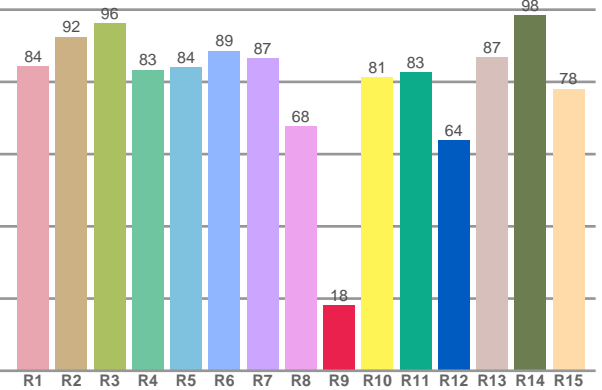




TM30: 83,2



CRI: 85,4 (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
84,36	92,44	96,26	83,28	83,95	88,55	86,53	67,66	18,00	81,15	82,65	63,80	86,83	98,50	78,08

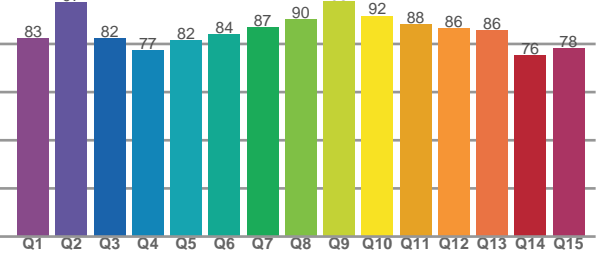
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
78,81	83,59	80,63	88,34	89,99	93,98	89,24	87,36	83,07	75,25	77,31	86,11	83,97	86,10	75,70	75,79

CQS Q values

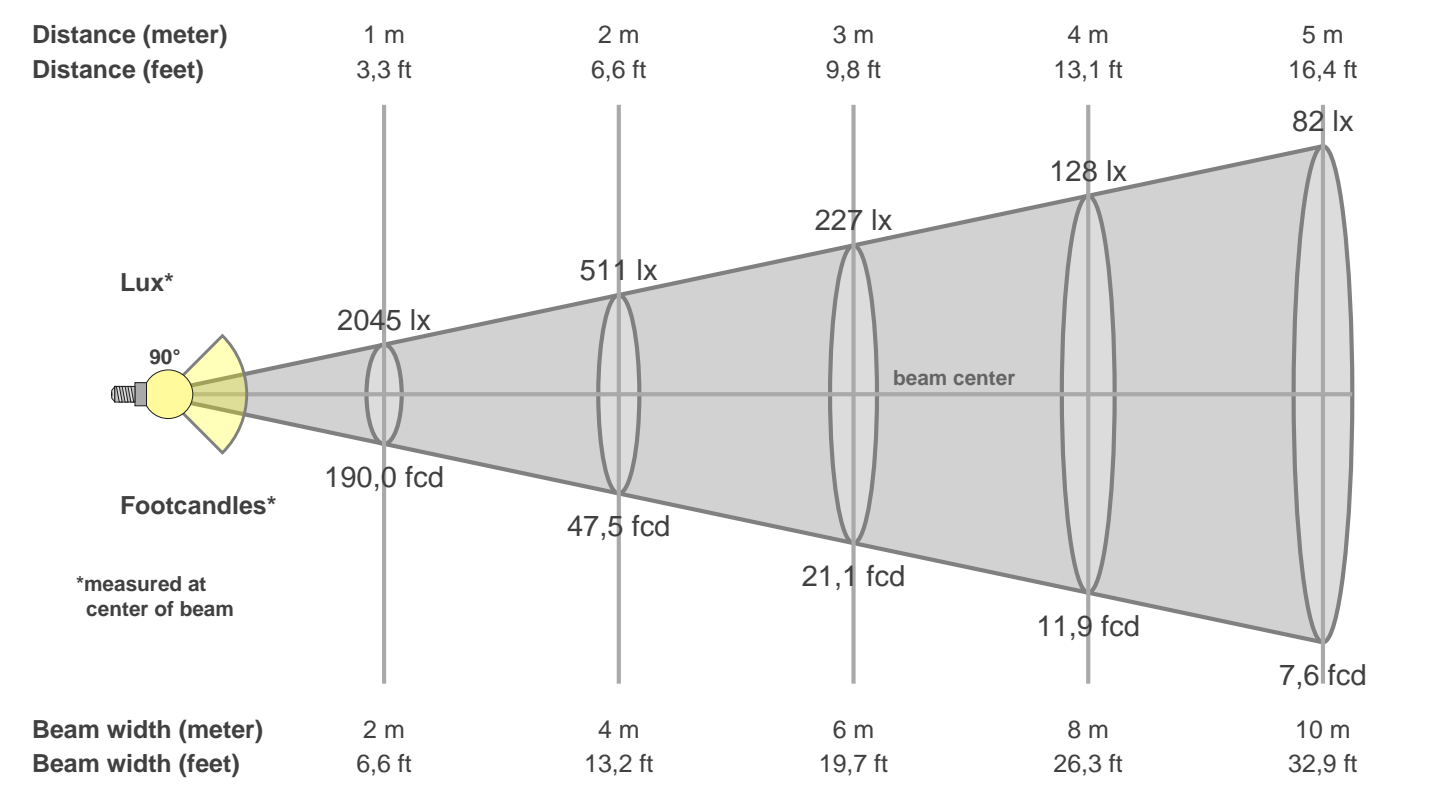
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
82,56	97,35	82,37	77,40	81,65	83,99	87,06	90,30	97,94	91,79	88,10	86,49	85,69	75,51	78,29

CQS: 84,4



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4158 K	85,4	18,0	83,2	94,4	84,4	0,4	0,4	0,2	0,3	0,0002



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°
2045	2039	2024	1980	1910	1818	1680	1468	1207	948	729	557	427	334	266	210	163	113	69	53
100%	100%	99%	97%	93%	89%	82%	72%	59%	46%	36%	27%	21%	16%	13%	10%	8%	6%	3%	3%

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°
2045	2049	2037	2003	1945	1854	1717	1537	1318	1078	849	646	487	368	281	214	149	88	43	35
100%	100%	100%	98%	95%	91%	84%	75%	64%	53%	42%	32%	24%	18%	14%	10%	7%	4%	2%	2%

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°
2045	2042	2025	1981	1925	1830	1676	1463	1205	952	737	568	435	337	266	207	151	94	53	40
100%	100%	99%	97%	94%	89%	82%	72%	59%	47%	36%	28%	21%	16%	13%	10%	7%	5%	3%	2%

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°
2045	2039	2020	1985	1921	1824	1701	1535	1323	1077	844	645	493	377	288	219	153	91	46	28
100%	100%	99%	97%	94%	89%	83%	75%	65%	53%	41%	32%	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
90,2°	150,9°	360,0°	79,5%	60,7%