

СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

Эффективность света:

117 Lumen/Watt

Качество света:

CRI: 84,6

Цветовая температура:

4150 K

Поток: 3146 lm

Интенс.: 1001 cd

Мощн.: 26,9 W

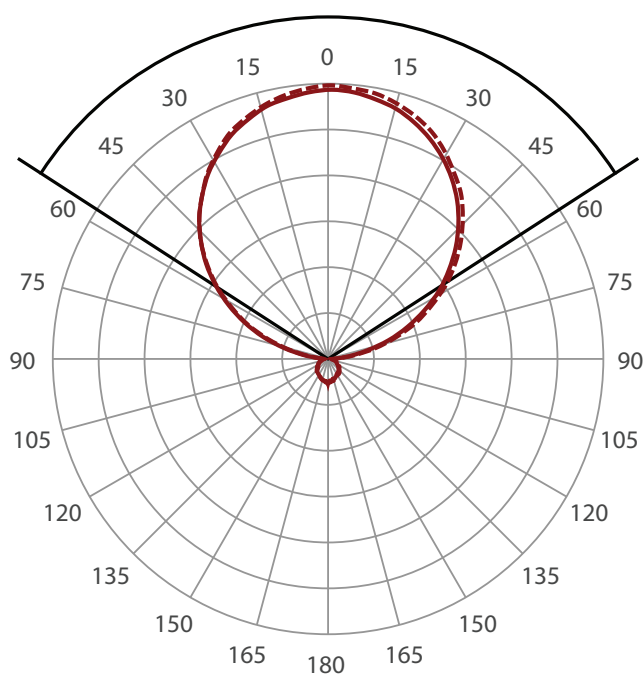
КПД: 0,91



Угол пучка

114,2°

(4 PLANES)
8 C-Planes

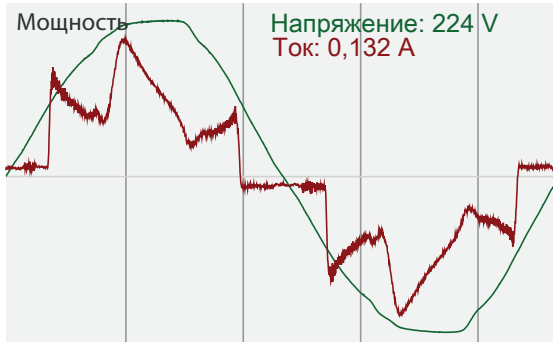
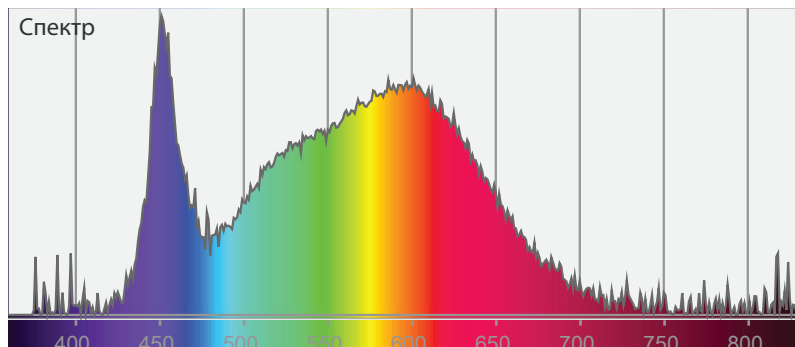


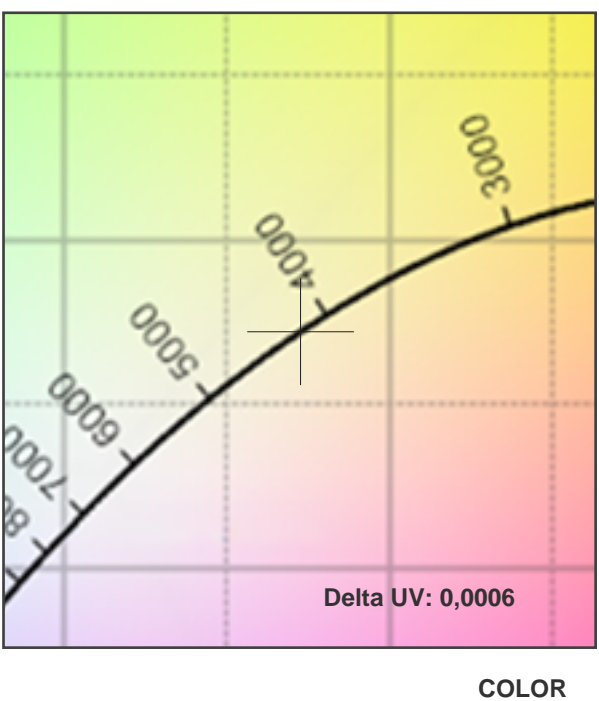
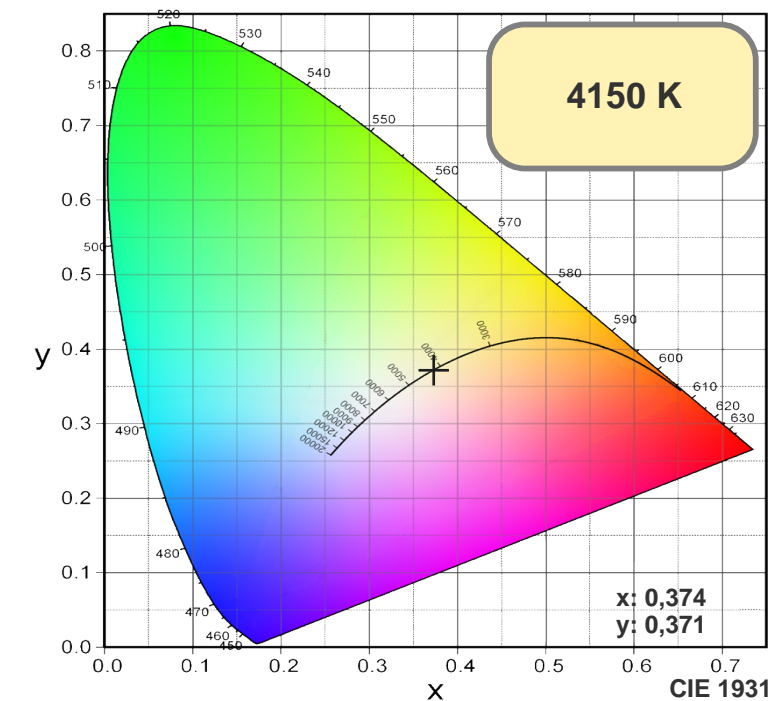
Цвет



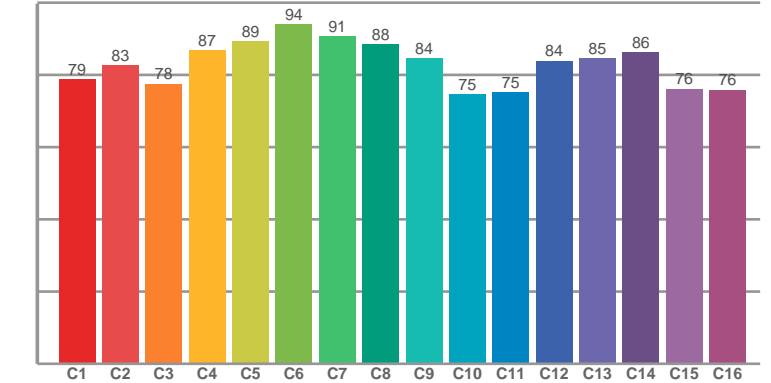
CIE1931
x: 0,374
y: 0,371

Спектр

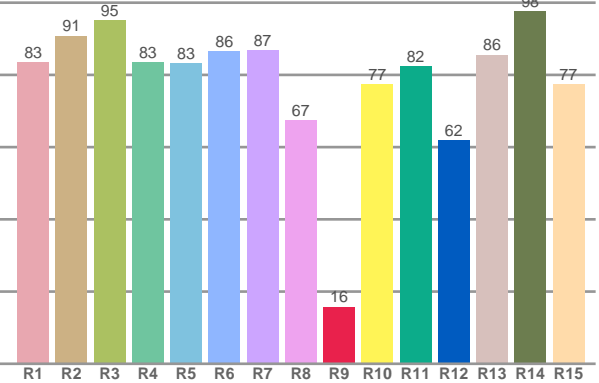




TM30: 82,7



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
83,46	90,82	95,14	83,37	83,11	86,43	86,78	67,43	15,75	77,30	82,42	61,82	85,56	97,52	77,44

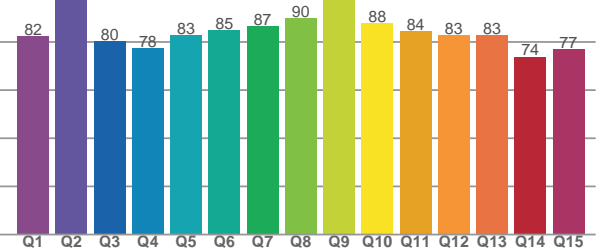
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
78,81	82,65	77,52	86,82	89,23	94,00	90,60	88,43	84,50	74,64	75,08	83,84	84,64	86,25	76,13	75,84

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
82,43	98,18	80,33	77,55	82,86	84,97	86,70	89,98	97,36	87,82	84,33	82,98	82,89	73,88	77,11

CQS: 83,3



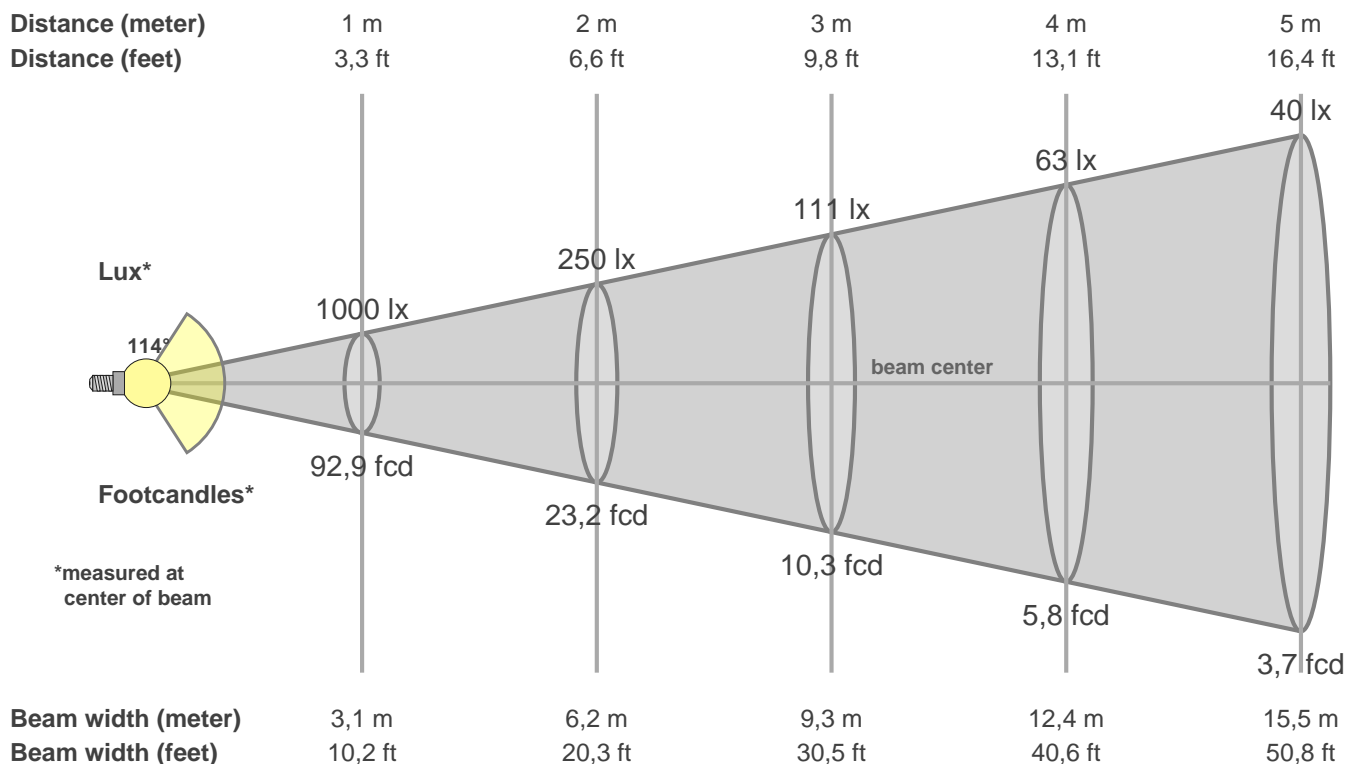
Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4150 K	84,6	15,7	82,7	95,5	83,3	0,4	0,4	0,2	0,3	0,0006

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°
1000	992	978	959	929	893	848	797	739	675	604	528	447	362	277	188	106	43	19	18
100%	99%	98%	96%	93%	89%	85%	80%	74%	67%	60%	53%	45%	36%	28%	19%	11%	4%	2%	2%

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°
1000	991	975	953	924	888	840	786	727	664	592	515	432	349	262	174	94	35	17	16
100%	99%	97%	95%	92%	89%	84%	79%	73%	66%	59%	51%	43%	35%	26%	17%	9%	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°
1000	997	983	965	936	901	857	807	749	684	613	537	457	371	285	197	115	53	21	17
100%	100%	98%	96%	94%	90%	86%	81%	75%	68%	61%	54%	46%	37%	28%	20%	12%	5%	2%	2%

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°
1000	994	987	968	942	909	864	814	761	696	627	553	472	389	303	214	129	60	22	17
100%	99%	99%	97%	94%	91%	86%	81%	76%	70%	63%	55%	47%	39%	30%	21%	13%	6%	2%	2%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
114,2°	161,4°	360,0°	71,8%	48,5%