

СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

Эффективность света:

123 Lumen/Watt

Качество света:

CRI: 81,2

Цветовая температура:

4071 K

Поток: 4196 lm

Интенс.: 1404 cd

Мощн.: 34,2 W

КПД: 0,98



Название продукта:

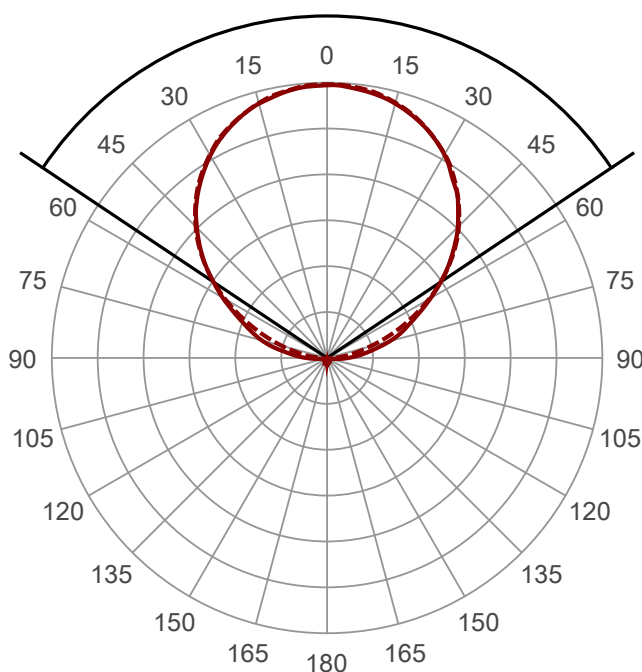
СС

T1-Y-E-32-270.100.160-4-0-67

Дата и время:

28.03.2016 9:37:51

Угол пучка **112,5°** (3 C-PLANES)

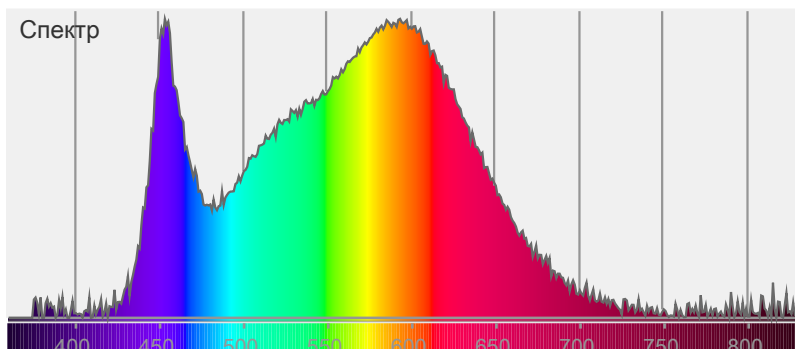


Цвет



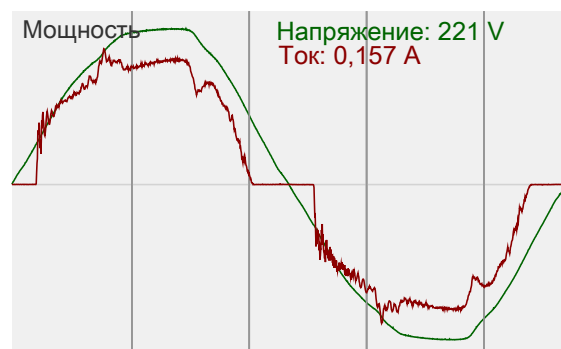
CIE1931
x: 0,380
y: 0,384

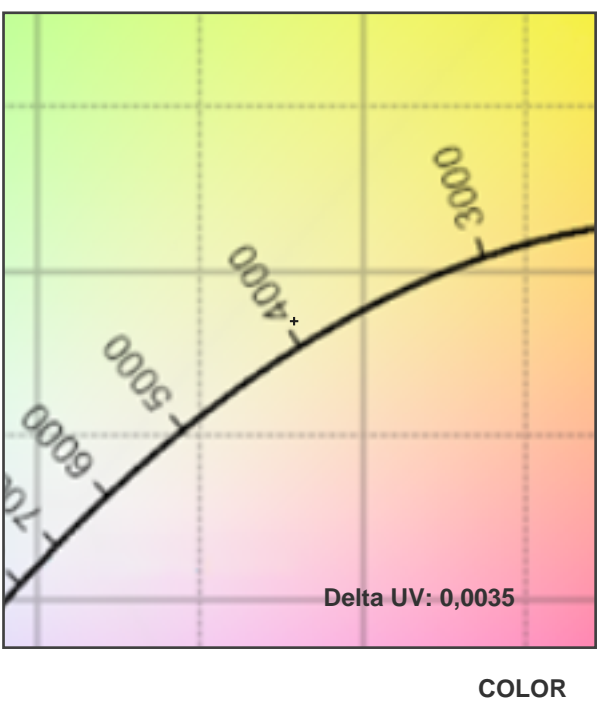
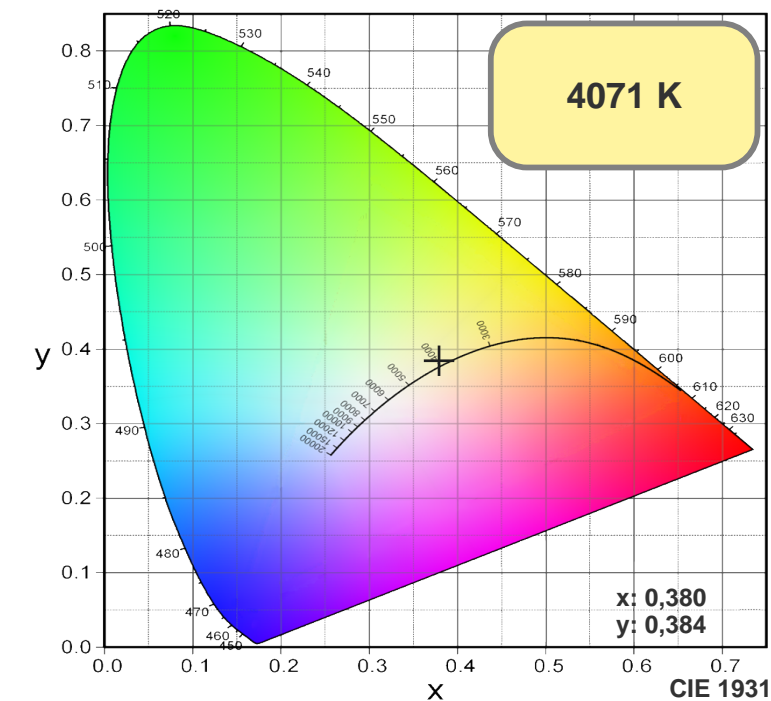
Спектр



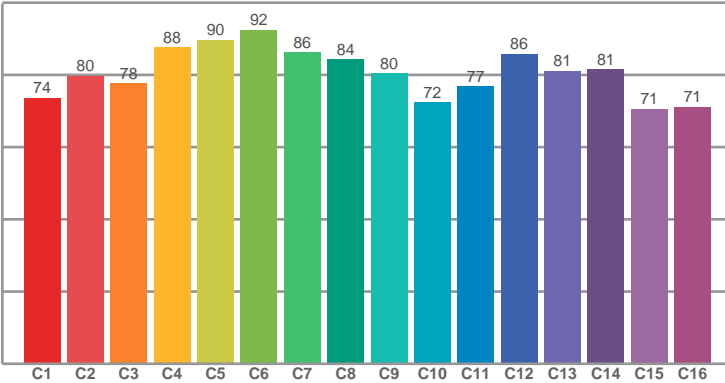
Мощность

Напряжение: 221 V
Ток: 0,157 A

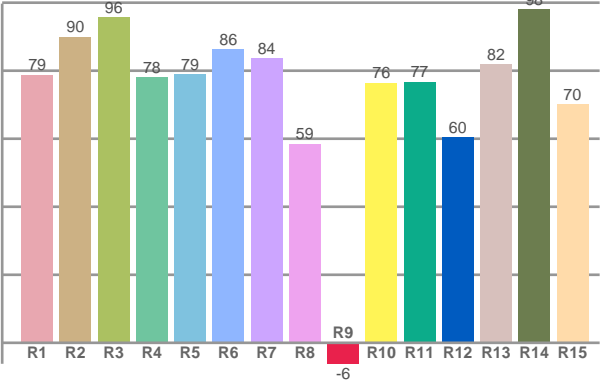




TM30: 80,7



CRI: 81,2 (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
78,77	89,92	95,73	77,96	78,87	86,22	83,51	58,50	-6,17	76,39	76,69	60,39	81,88	97,99	70,08

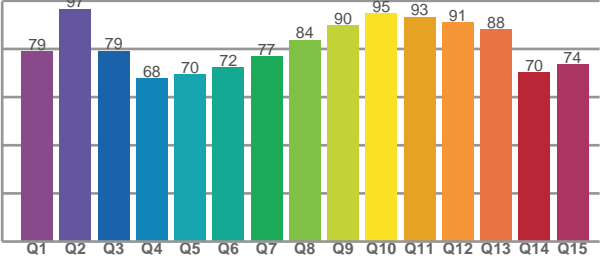
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
73,59	79,71	77,63	87,65	89,69	92,46	86,20	84,31	80,49	72,47	76,83	85,77	81,09	81,49	70,55	71,17

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
79,13	96,72	79,34	67,78	69,55	72,32	77,17	83,88	89,96	94,89	93,40	91,11	88,36	70,33	73,63

CQS: 79,4



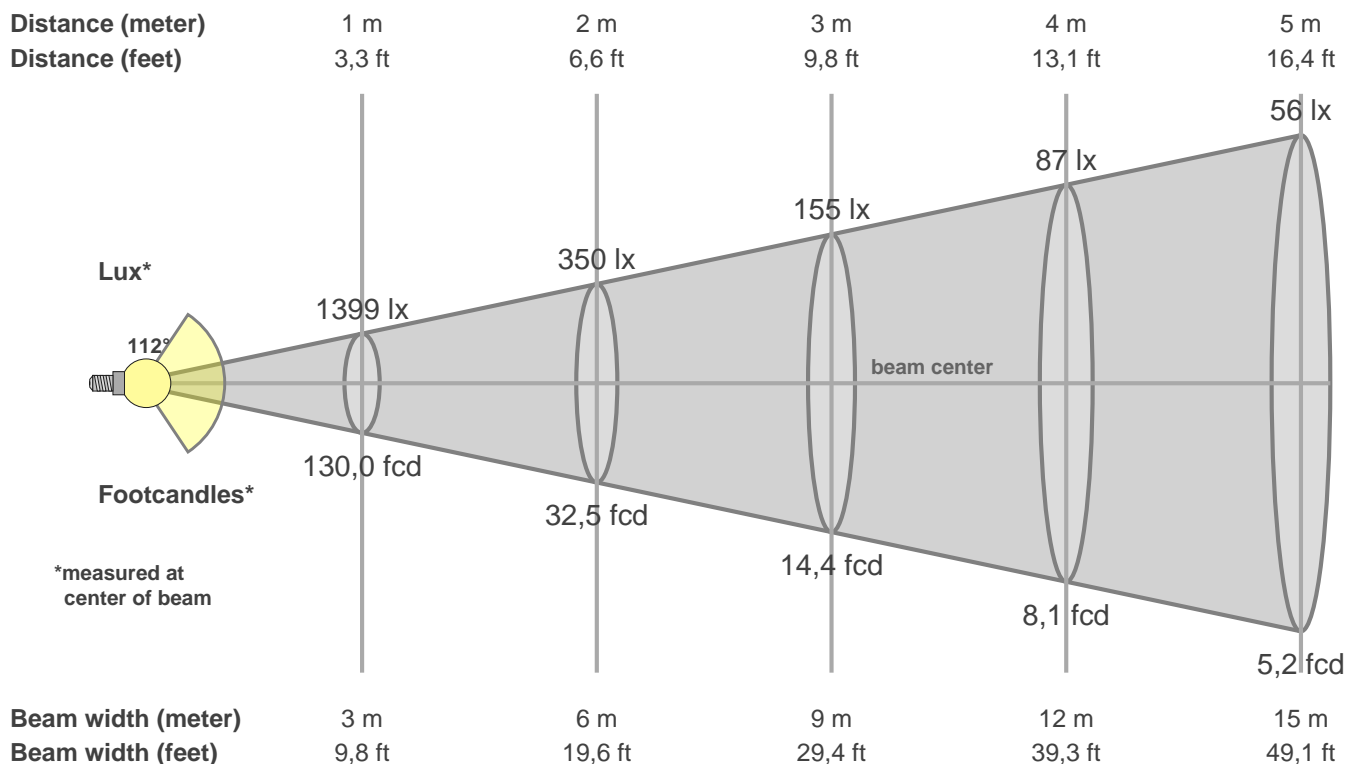
Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4071 K	81,2	-6,2	80,7	91,6	79,4	0,4	0,4	0,2	0,3	0,0035

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°
1399	1395	1377	1351	1313	1261	1199	1124	1042	946	842	731	619	512	424	346	255	172	109	56
100%	100%	98%	97%	94%	90%	86%	80%	74%	68%	60%	52%	44%	37%	30%	25%	18%	12%	8%	4%

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°
1399	1400	1381	1354	1314	1267	1204	1132	1049	954	848	731	604	474	351	241	150	82	35	18
100%	100%	99%	97%	94%	91%	86%	81%	75%	68%	61%	52%	43%	34%	25%	17%	11%	6%	2%	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°
1399	1393	1377	1351	1313	1265	1203	1123	1044	949	842	731	614	507	420	335	242	171	108	59
100%	100%	98%	97%	94%	90%	86%	80%	75%	68%	60%	52%	44%	36%	30%	24%	17%	12%	8%	4%

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°
1399	1399	1386	1356	1318	1266	1207	1134	1049	956	851	732	603	473	347	230	144	80	37	18
100%	100%	99%	97%	94%	91%	86%	81%	75%	68%	61%	52%	43%	34%	25%	16%	10%	6%	3%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
112,5°	165,1°	185,4°	75,9%	51,8%