

СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

Эффективность света:

122 Lumen/Watt

Качество света:

CRI: 80,6

Цветовая температура:

4079 K

Поток: 4231 lm

Интенс.: 1478 cd

Мощн.: 34,7 W

КПД: 0,91



Название продукта:

СС

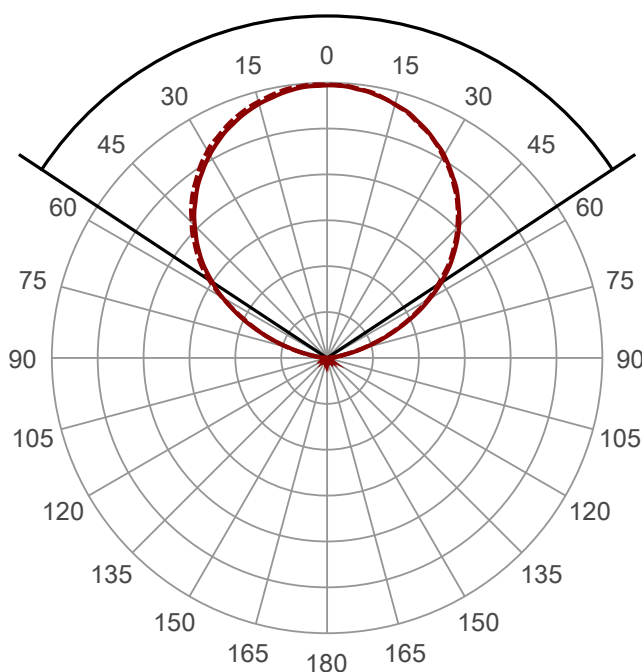
M1-K-E-32-250.100.130-4-0-67

Дата и время:

17.03.2016 14:41:49

Угол пучка

113,1° (3 C-PLANES)



Цвет

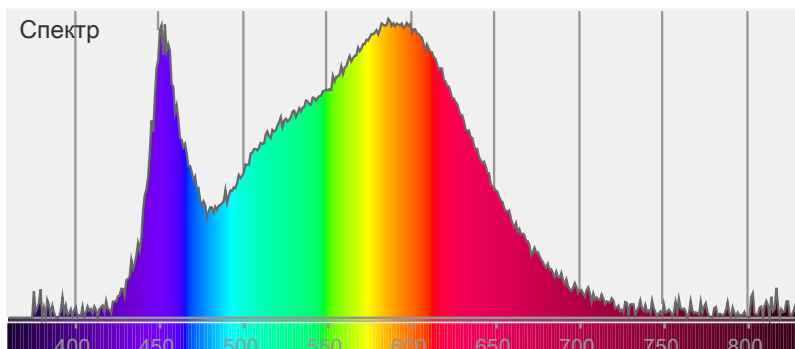


CIE1931

x: 0,380

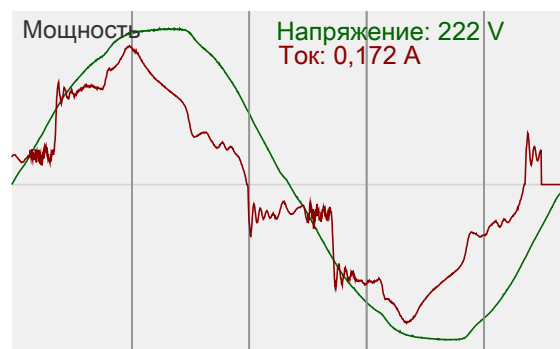
y: 0,386

Спектр



Мощность

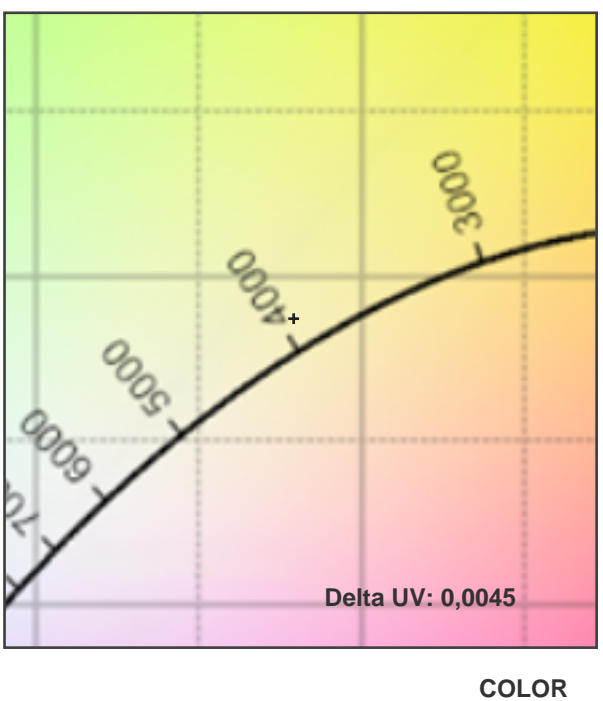
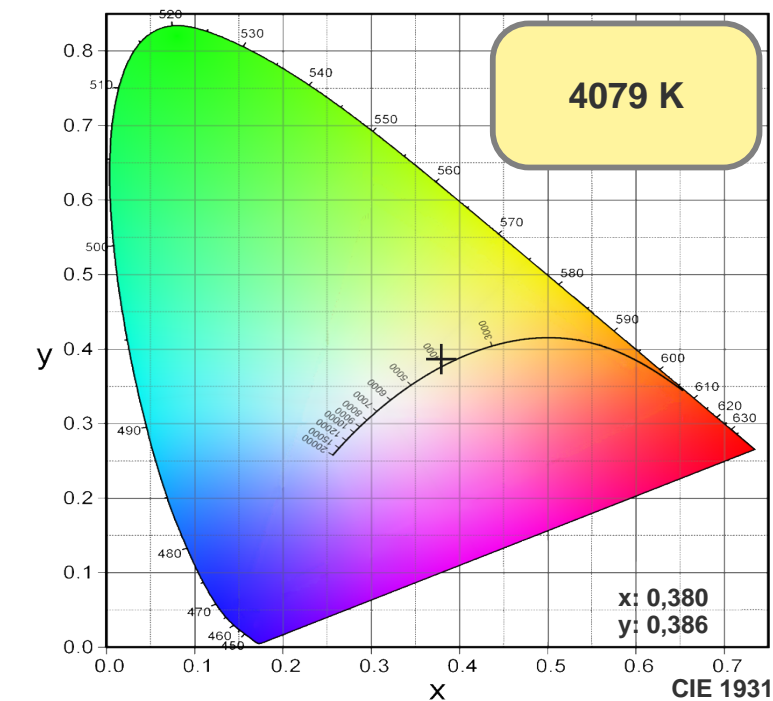
Напряжение: 222 V
Ток: 0,172 A



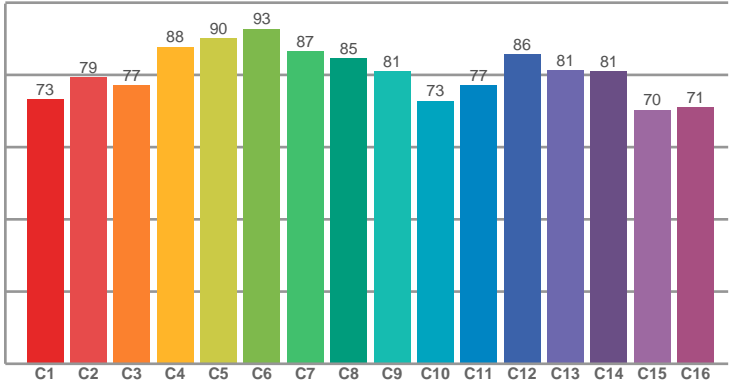
СЕВЕРО-ЗАПАДНАЯ
СВЕТОТЕХНИЧЕСКАЯ
ЛАБОРАТОРИЯ

Colormetrics

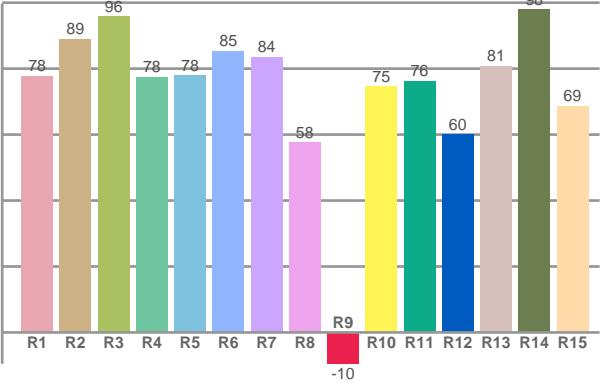
2 of 3



TM30: 80,7



CRI: 80,6 (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
77,76	89,05	95,88	77,59	78,04	85,34	83,61	57,63	-9,50	74,71	76,23	60,13	80,80	97,96	68,73

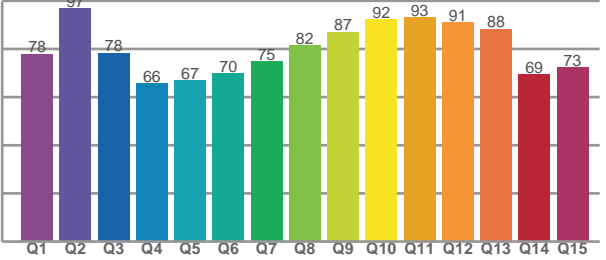
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
73,21	79,28	76,99	87,75	90,06	92,73	86,50	84,54	81,06	72,81	77,01	85,76	81,20	81,00	70,27	70,94

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
78,03	96,92	78,48	65,83	67,08	70,05	74,92	81,66	87,16	92,29	93,16	91,22	88,46	69,43	72,61

CQS: 78,0



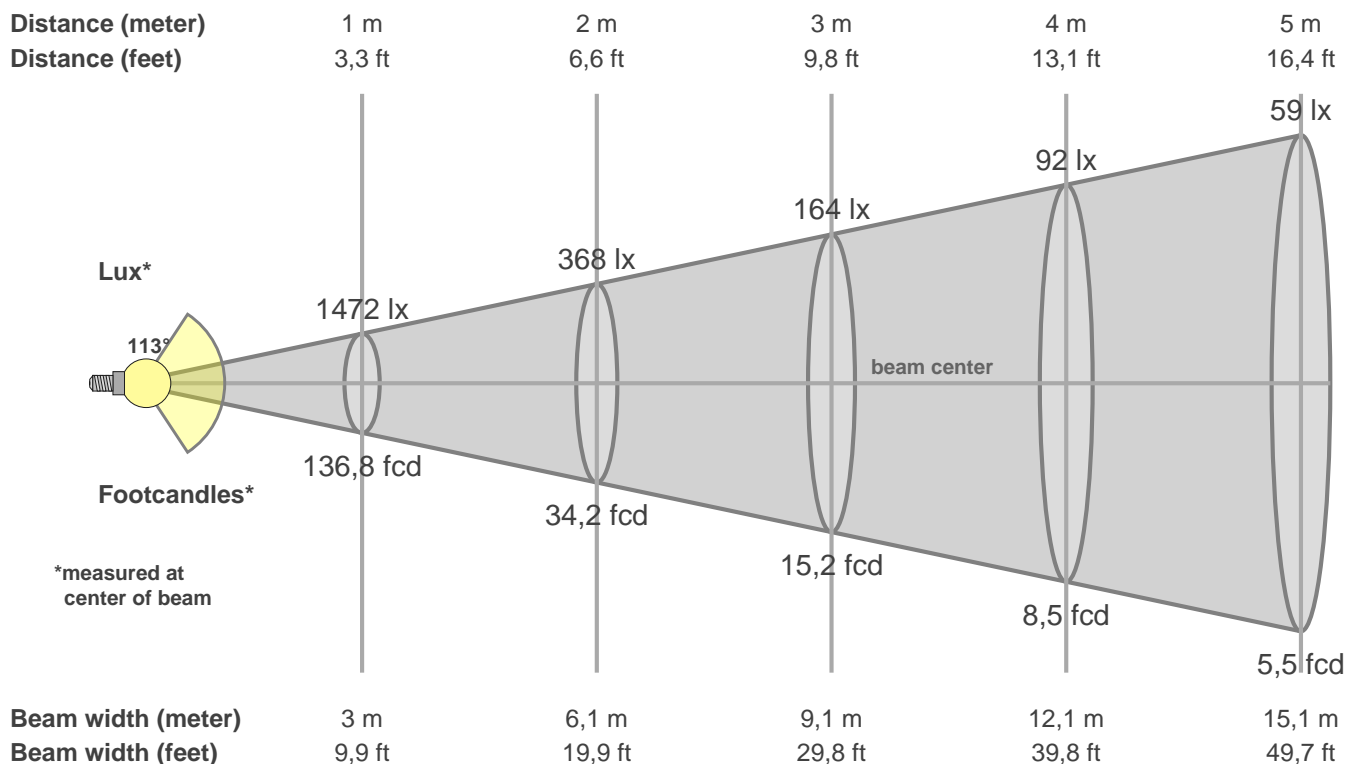
Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4079 K	80,6	-9,5	80,7	91,5	78,0	0,4	0,4	0,2	0,3	0,0045

СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

Beam details

3 of 3



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°
1472	1468	1449	1420	1382	1330	1267	1193	1106	1011	905	784	652	508	357	213	100	32	12	11
100%	100%	98%	96%	94%	90%	86%	81%	75%	69%	61%	53%	44%	34%	24%	14%	7%	2%	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°
1472	1476	1462	1433	1397	1348	1291	1217	1134	1034	928	808	656	495	357	220	107	35	12	13
100%	100%	99%	97%	95%	92%	88%	83%	77%	70%	63%	55%	45%	34%	24%	15%	7%	2%	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°
1472	1467	1448	1418	1379	1326	1265	1188	1102	1009	899	777	641	493	344	205	92	29	15	16
100%	100%	98%	96%	94%	90%	86%	81%	75%	69%	61%	53%	44%	33%	23%	14%	6%	2%	1%	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°
1472	1471	1453	1418	1373	1323	1255	1180	1094	995	884	757	627	482	334	194	83	26	16	16
100%	100%	99%	96%	93%	90%	85%	80%	74%	68%	60%	51%	43%	33%	23%	13%	6%	2%	1%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
113,1°	154,9°	168,5°	79,7%	54,2%