

СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

Эффективность света:

120 Lumen/Watt

Качество света:

CRI: 81,2

Цветовая температура:

4103 K

Поток: 12204 lm

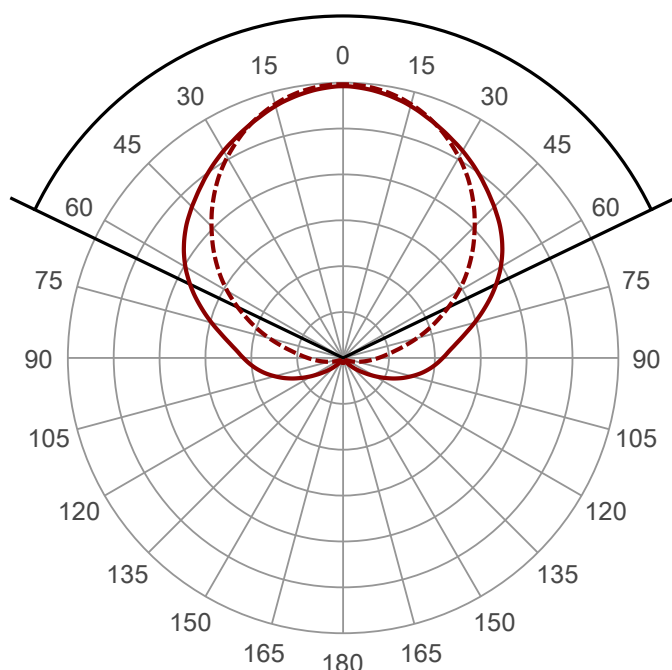
Интенс.: 3098 cd

Мощн.: 102 W

КПД: 0,91

Угол пучка

128,6° (3 C-PLANES)

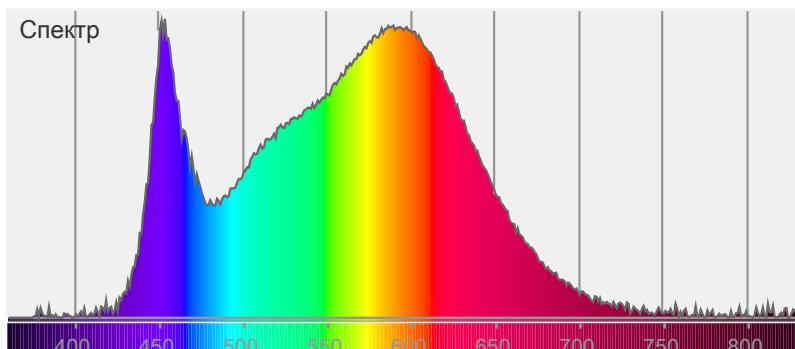


Цвет



CIE1931
x: 0,378
y: 0,382

Спектр



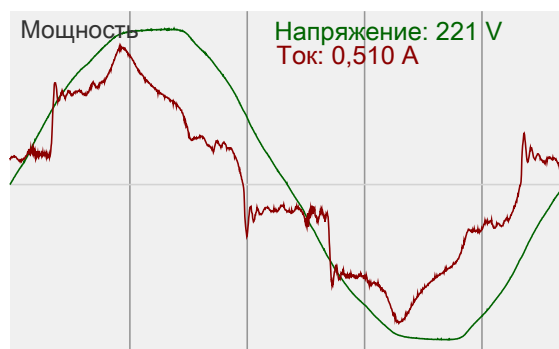
Название продукта:

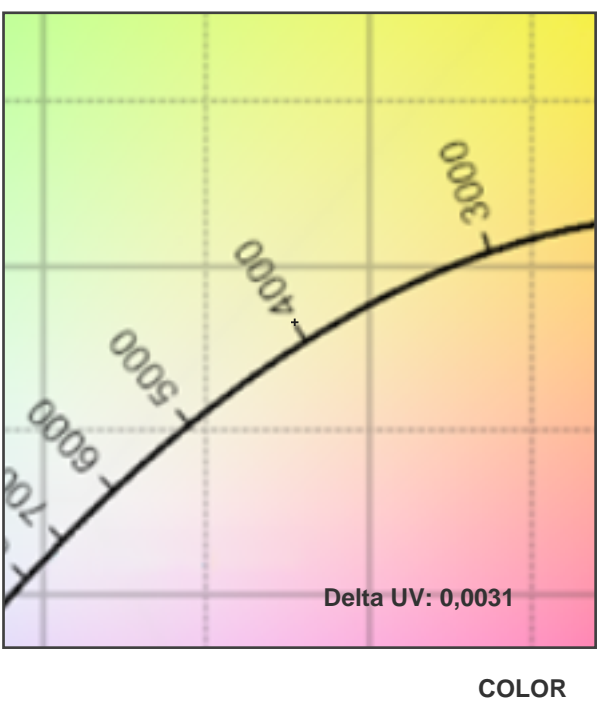
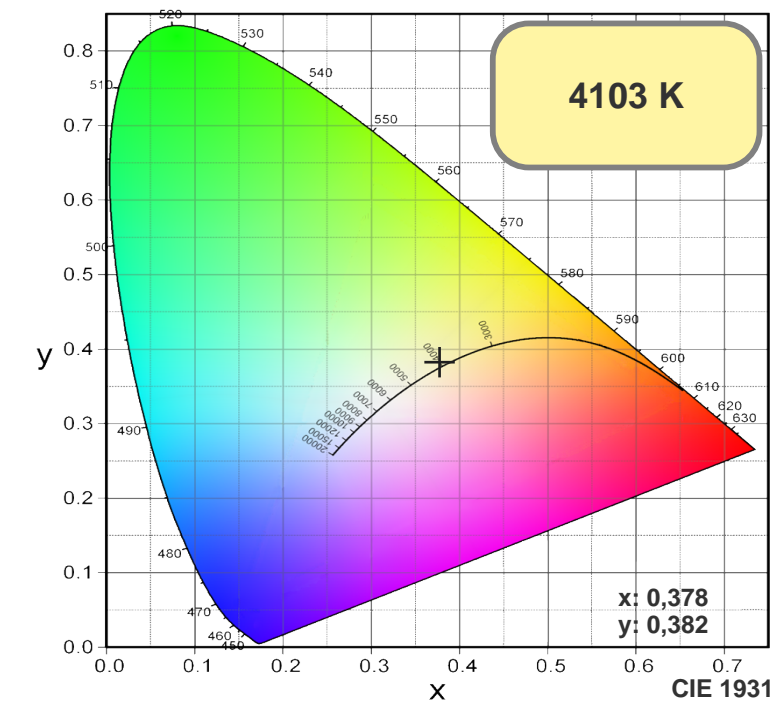
СС

M1-MK-E-96-250.295.130-4-0-67

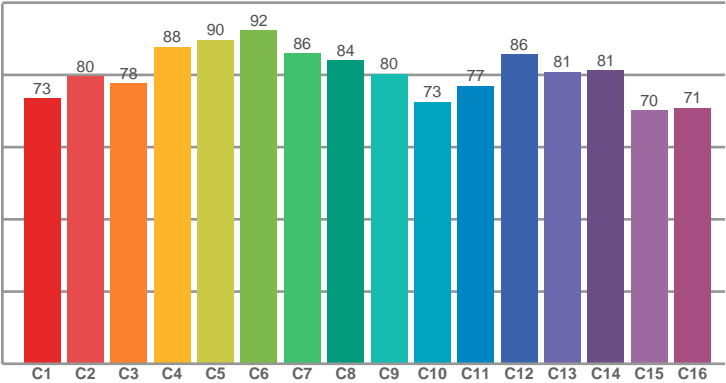
Дата и время:

14.05.2016 14:08:35

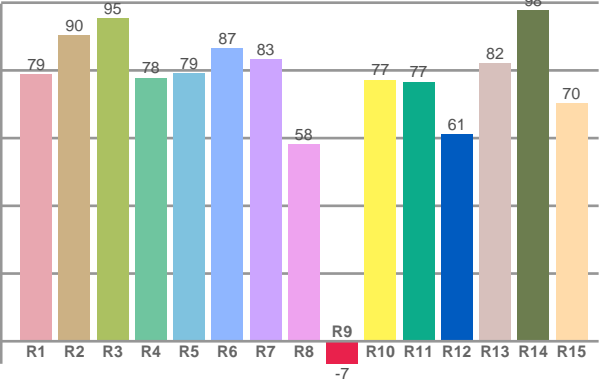




TM30: 80,6



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
78,84	90,25	95,42	77,79	79,03	86,56	83,18	58,23	-6,66	77,16	76,56	61,07	82,07	97,81	70,17

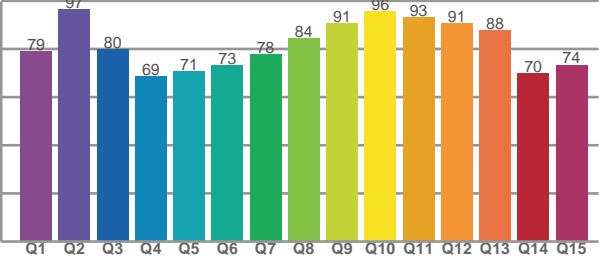
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
73,39	79,58	77,66	87,75	89,72	92,25	85,93	84,11	80,29	72,55	76,93	85,73	80,81	81,21	70,24	70,87

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
79,15	96,63	79,89	68,72	70,62	73,13	77,68	84,41	90,85	95,85	93,14	90,60	87,83	70,07	73,52

CQS: 79,8



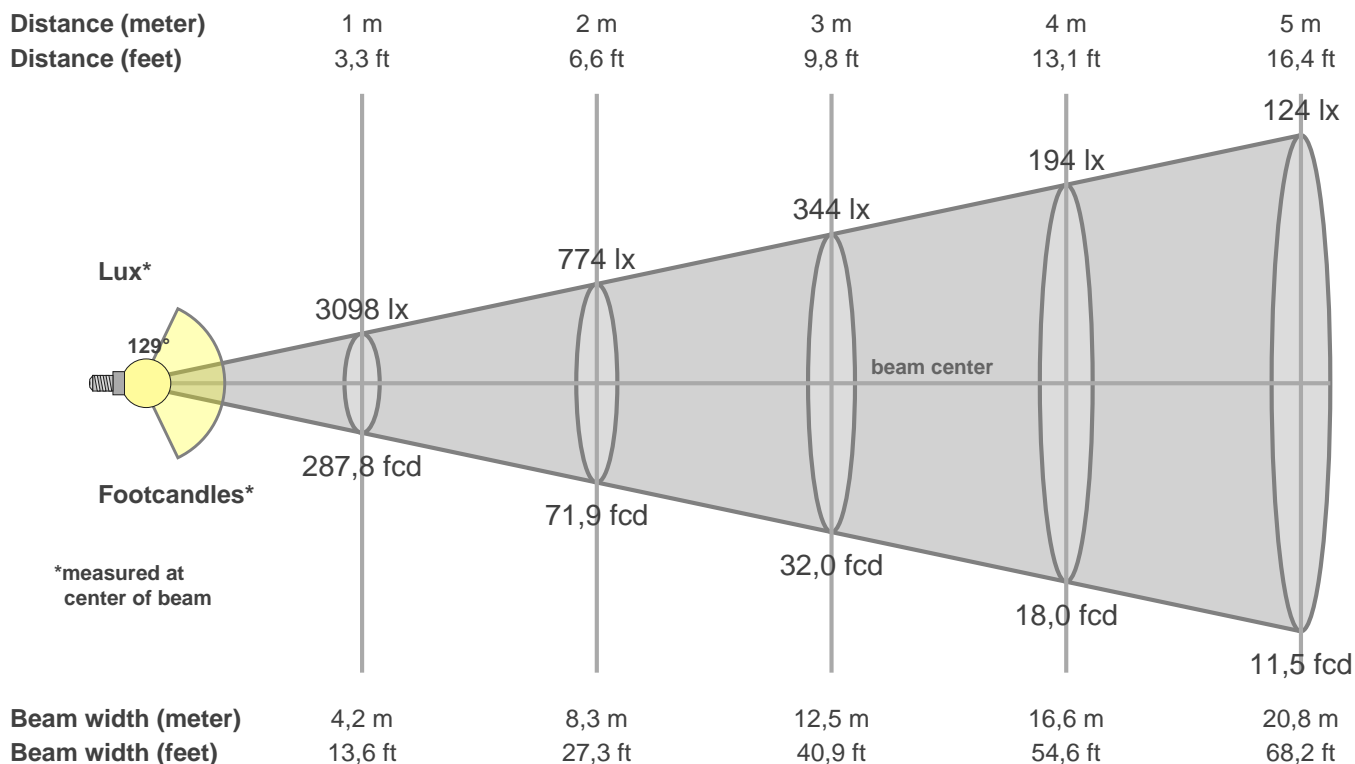
Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4103 K	81,2	-6,7	80,6	91,5	79,8	0,4	0,4	0,2	0,3	0,0031

СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

Beam details

3 of 3



Intensities in 0° c-plane

0°	9°	18°	27°	36°	45°	54°	63°	72°	81°	90°	99°	108°	117°	126°	135°	144°	153°	162°	171°
3098	3046	2926	2775	2614	2437	2241	1980	1661	1351	1137	953	731	490	280	143	60	48	51	51
100%	98%	94%	90%	84%	79%	72%	64%	54%	44%	37%	31%	24%	16%	9%	5%	2%	2%	2%	2%

Intensities in 60° c-plane

0°	9°	18°	27°	36°	45°	54°	63°	72°	81°	90°	99°	108°	117°	126°	135°	144°	153°	162°	171°
3098	3055	2921	2708	2436	2107	1760	1380	993	635	401	244	136	73	44	43	46	48	48	51
100%	99%	94%	87%	79%	68%	57%	45%	32%	21%	13%	8%	4%	2%	1%	1%	1%	2%	2%	2%

Intensities in 180° c-plane

0°	9°	18°	27°	36°	45°	54°	63°	72°	81°	90°	99°	108°	117°	126°	135°	144°	153°	162°	171°
3098	3046	2926	2775	2614	2437	2241	1980	1661	1351	1137	953	731	490	280	143	60	48	51	51
100%	98%	94%	90%	84%	79%	72%	64%	54%	44%	37%	31%	24%	16%	9%	5%	2%	2%	2%	2%

Intensities in 240° c-plane

0°	9°	18°	27°	36°	45°	54°	63°	72°	81°	90°	99°	108°	117°	126°	135°	144°	153°	162°	171°
3098	3055	2921	2708	2436	2107	1760	1380	993	635	401	244	136	73	44	43	46	48	48	51
100%	99%	94%	87%	79%	68%	57%	45%	32%	21%	13%	8%	4%	2%	1%	1%	1%	2%	2%	2%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
128,6°	208,4°	247,2°	60,1%	39,4%