

# СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

Эффективность света:

**131 Lumen/Watt**

Качество света:

**CRI: 81,3**

Цветовая температура:

**4104 K**

Поток: 15894 lm

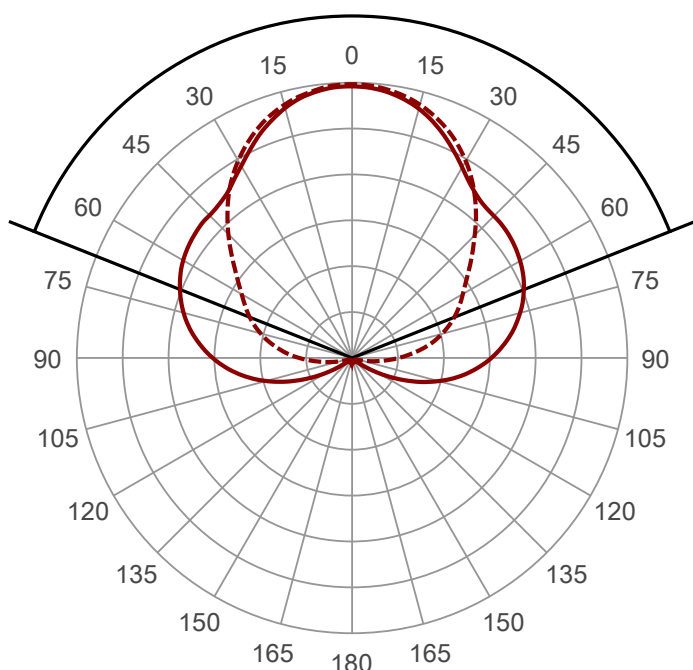
Интенс.: 3797 cd

Мощн.: 122 W

КПД: 0,97

Угол пучка

**136,6°** (3 C-PLANES)

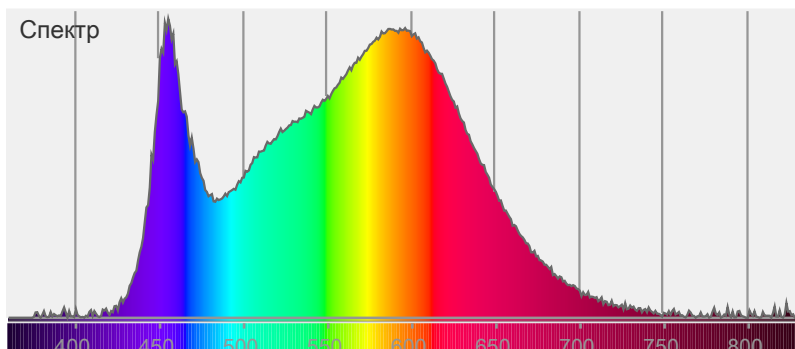


Цвет



CIE1931  
x: 0,378  
y: 0,381

Спектр



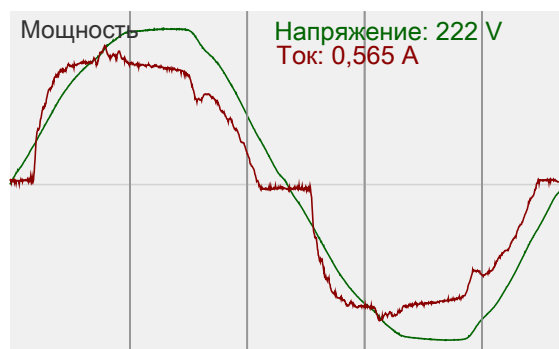
Название продукта:

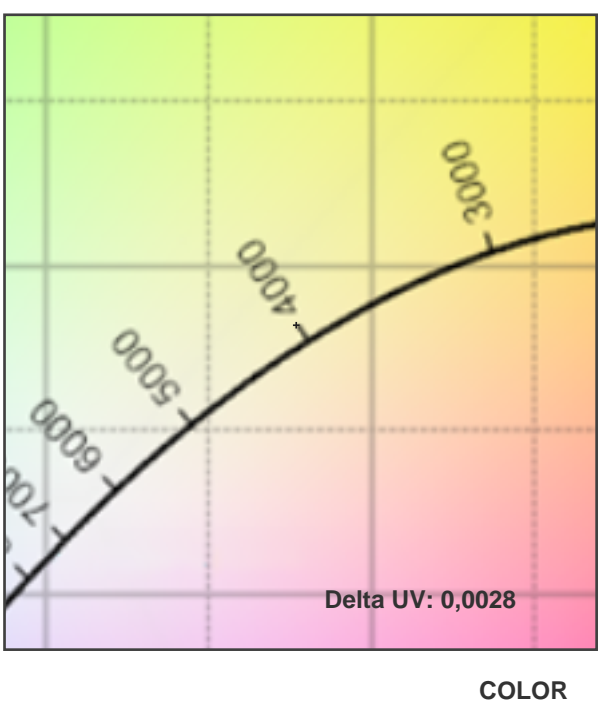
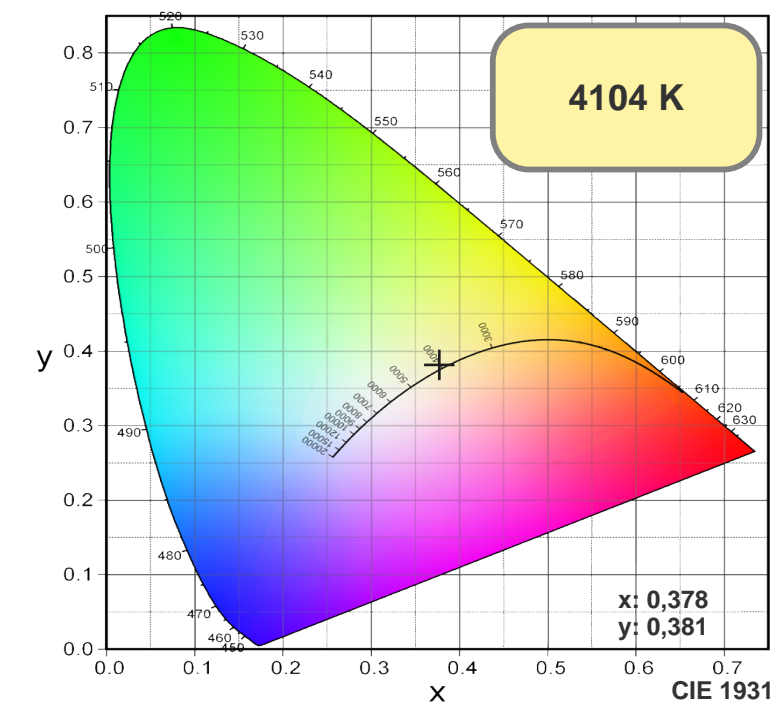
**СС**

**M1-MK-E-128-300.195.160-4-0-67**

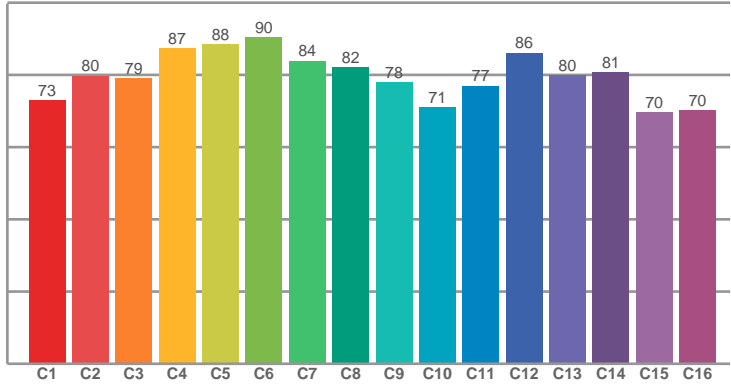
Дата и время:

**24.03.2016 14:08:50**

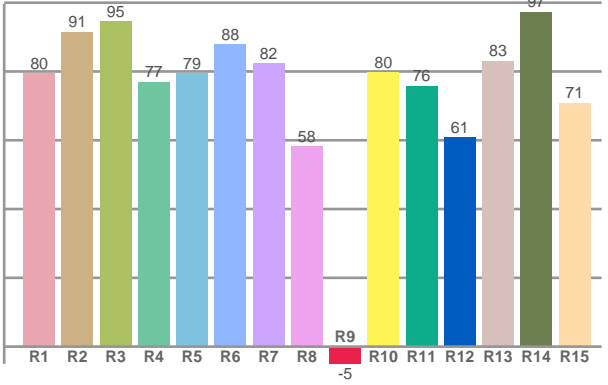




TM30: 79,8



CRI: 81,3 (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
79,51	91,50	94,57	76,97	79,38	87,84	82,34	58,15	-4,99	79,67	75,78	60,84	83,08	97,39	70,93

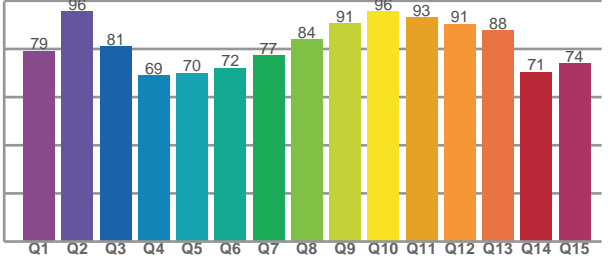
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
72,89	79,72	79,06	87,31	88,50	90,35	83,85	82,16	77,91	71,02	76,96	86,05	79,85	80,71	69,53	70,22

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
79,27	95,87	81,03	69,10	70,14	72,23	77,32	84,23	90,71	95,72	93,19	90,50	87,70	70,60	74,07

CQS: 79,8



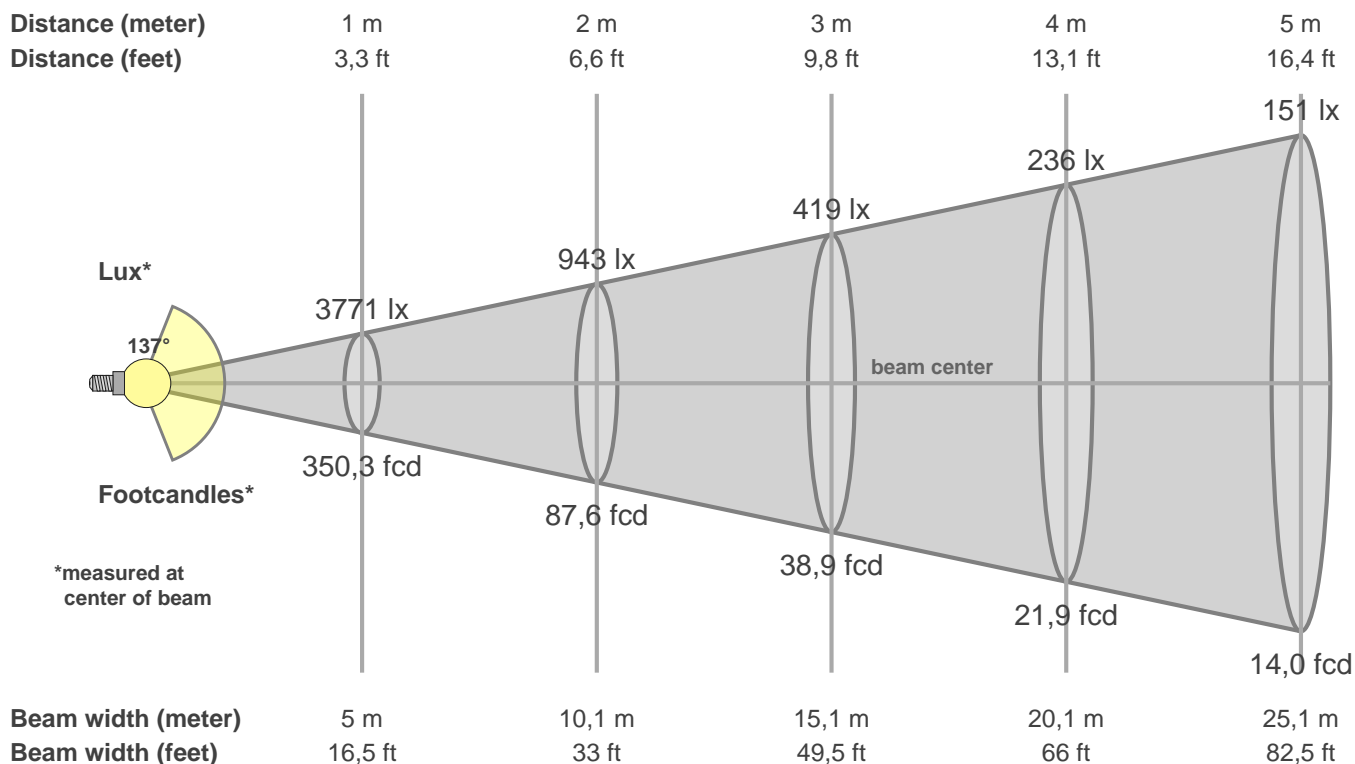
Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4104 K	81,3	-5,0	79,8	90,6	79,8	0,4	0,4	0,2	0,3	0,0028

# 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°
3771	3710	3502	3186	2900	2800	2763	2666	2492	2251	1934	1544	1071	563	173	61	62	62	64	65
100%	98%	93%	84%	77%	74%	73%	71%	66%	60%	51%	41%	28%	15%	5%	2%	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°
3771	3735	3566	3280	2891	2429	1994	1681	1414	1096	735	364	121	55	56	56	59	61	63	66
100%	99%	95%	87%	77%	64%	53%	45%	37%	29%	19%	10%	3%	1%	1%	1%	2%	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°
3771	3699	3494	3169	2875	2786	2751	2654	2488	2245	1932	1548	1078	568	175	67	66	65	65	63
100%	98%	93%	84%	76%	74%	73%	70%	66%	60%	51%	41%	29%	15%	5%	2%	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°
3771	3739	3566	3276	2877	2408	1991	1689	1400	1052	648	297	87	56	57	58	60	63	62	66
100%	99%	95%	87%	76%	64%	53%	45%	37%	28%	17%	8%	2%	1%	2%	2%	2%	2%	2%	2%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
136,6°	211,2°	231,8°	54,6%	35,8%