

# СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

Эффективность света:

**126 Lumen/Watt**

Качество света:

**CRI: 83,8**

Цветовая температура:

**4075 K**

Поток: 4367 lm

Интенс.: 1386 cd

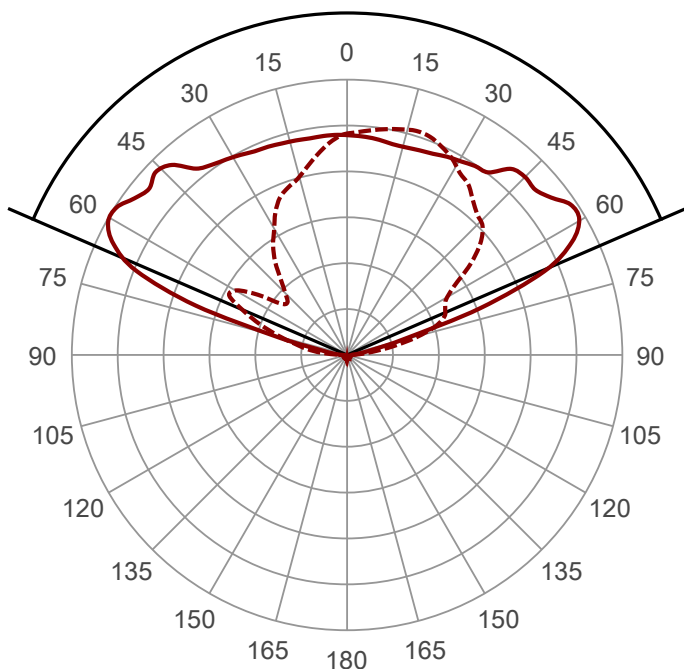
Мощн.: 34,6 W

КПД: 0,91



Угол пучка

**133,3°** (3 C-PLANES)



Название продукта:

СС

M2-K-H-32-250.100.130-4-0-67

Дата и время:

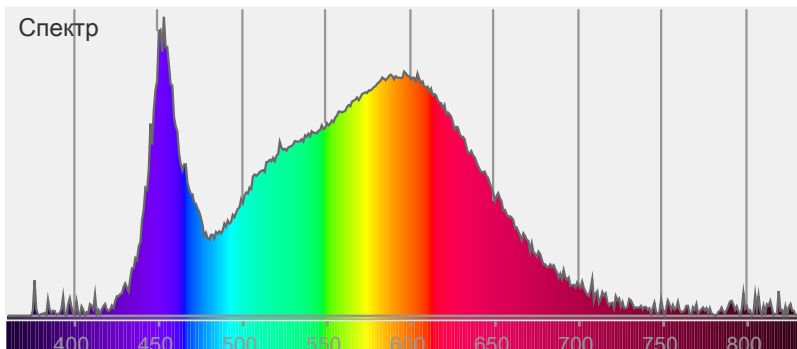
21.03.2016 16:58:42

Цвет



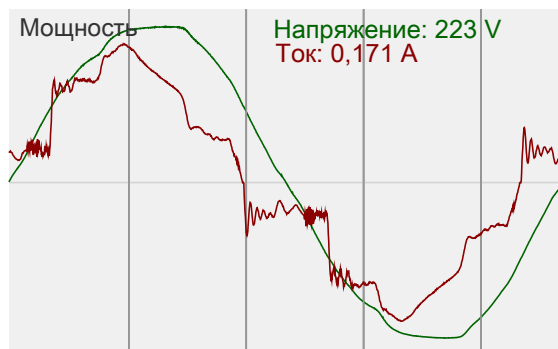
CIE1931  
x: 0,378  
y: 0,376

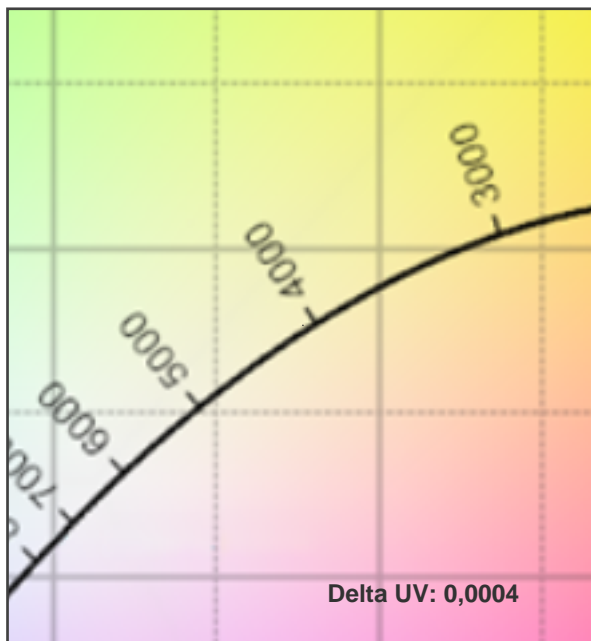
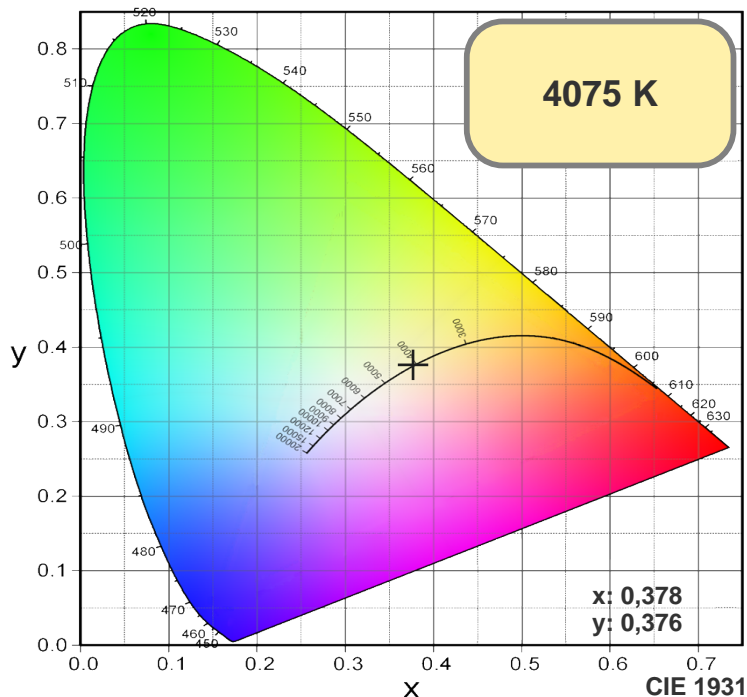
Спектр



Мощность

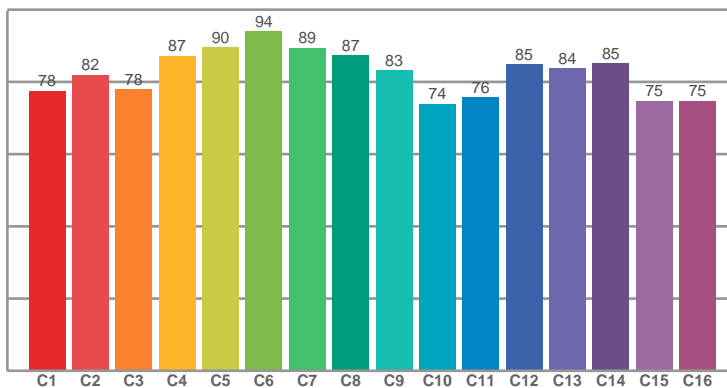
Напряжение: 223 V  
Ток: 0,171 A



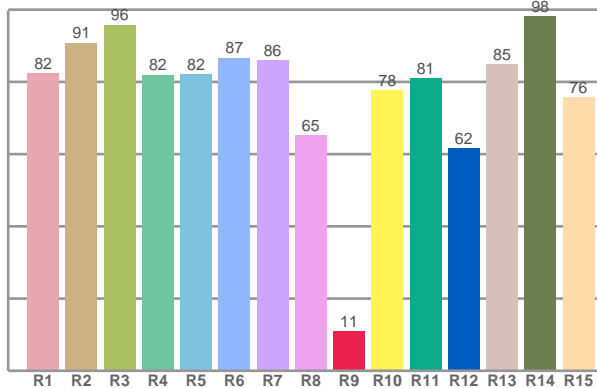


COLOR

TM30: 82,3



CRI: 83,8 (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
82,34	90,82	95,80	81,92	82,07	86,68	85,89	65,11	10,88	77,69	80,95	61,56	84,76	98,09	75,65

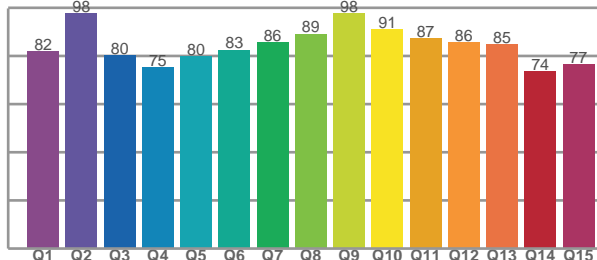
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
77,52	81,94	77,86	87,23	89,64	93,93	89,39	87,28	83,16	73,92	75,68	84,80	83,80	85,20	74,76	74,76

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
81,93	97,74	80,36	75,30	80,05	82,63	85,66	89,26	97,65	91,03	87,24	85,63	84,80	73,53	76,71

CQS: 83,1



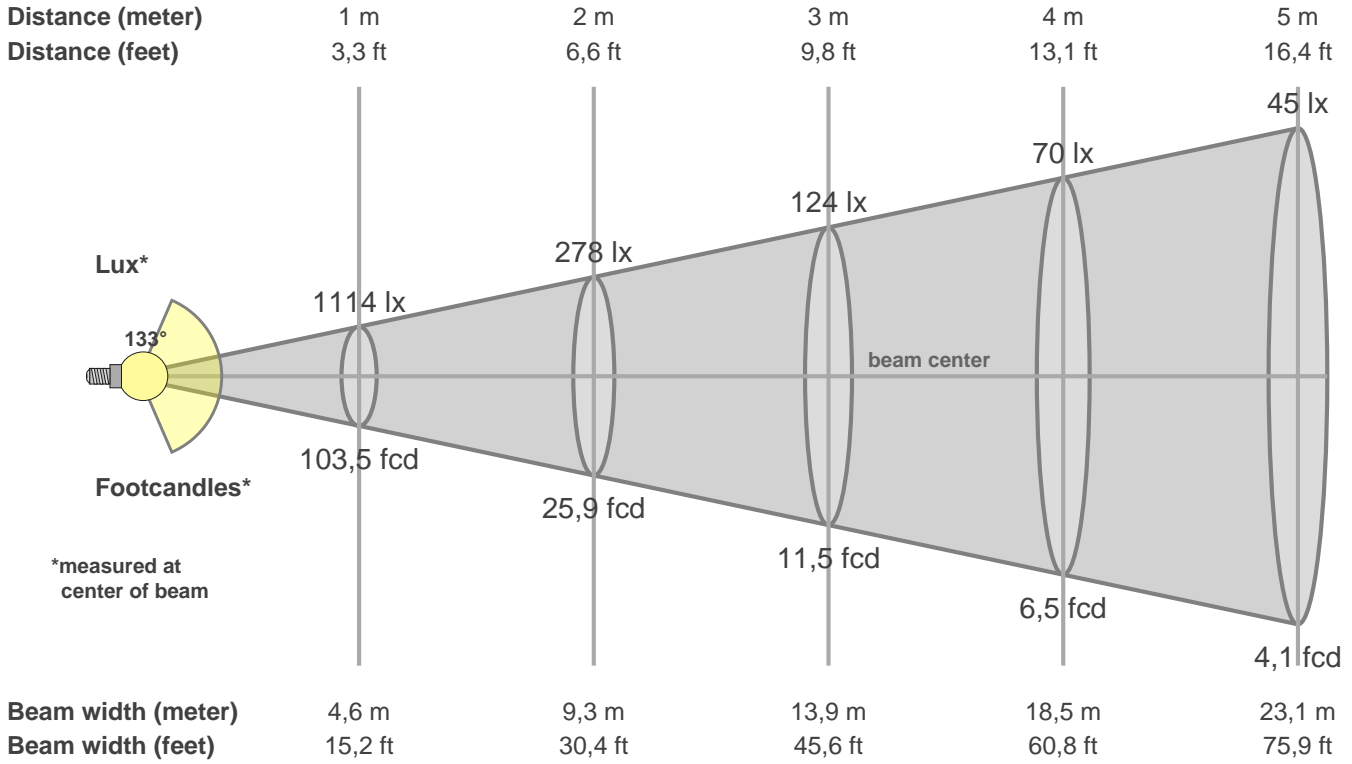
## Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4075 K	83,8	10,9	82,3	94,4	83,1	0,4	0,4	0,2	0,3	0,0004

# 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°
1114	1116	1114	1119	1127	1136	1157	1180	1240	1330	1310	1356	1385	1293	988	433	132	62	23	15
100%	100%	100%	100%	101%	102%	104%	106%	111%	119%	118%	122%	124%	116%	89%	39%	12%	6%	2%	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°
1114	1075	1003	936	894	836	739	650	541	442	411	513	649	622	485	346	234	135	35	14
100%	97%	90%	84%	80%	75%	66%	58%	49%	40%	37%	46%	58%	56%	44%	31%	21%	12%	3%	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°
1114	1109	1098	1093	1101	1117	1136	1160	1223	1275	1282	1348	1355	1189	782	276	106	47	24	20
100%	100%	99%	98%	99%	100%	102%	104%	110%	114%	115%	121%	122%	107%	70%	25%	10%	4%	2%	2%

### 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°
1114	1140	1162	1181	1184	1154	1106	1063	1001	957	882	727	591	548	504	382	218	91	21	16
100%	102%	104%	106%	106%	104%	99%	95%	90%	86%	79%	65%	53%	49%	45%	34%	20%	8%	2%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
133,3°	165,6°	178,7°	68,1%	41,7%