

# СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

Эффективность света:

**133 Lumen/Watt**

Качество света:

**CRI: 82,8**

Цветовая температура:

**4171 K**

Поток: 25833 lm

Интенс.: 6402 cd

Мощн.: 195 W

КПД: 0,98



Название продукта:

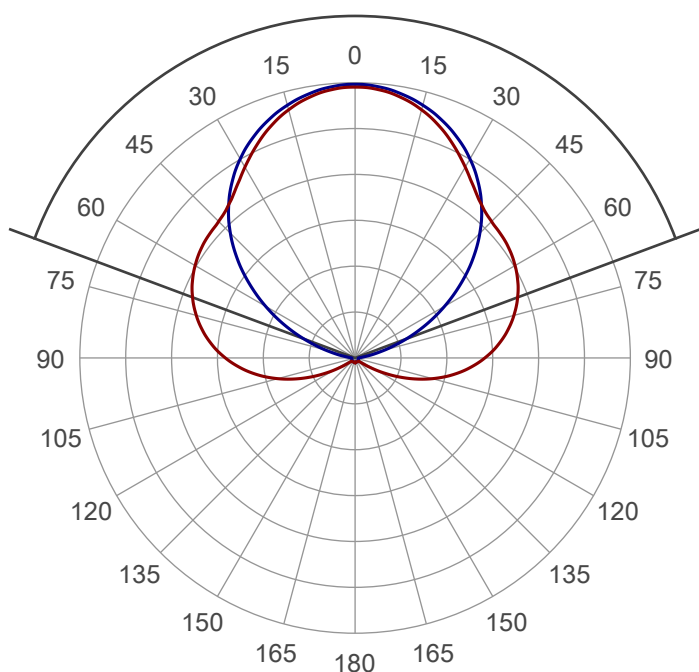
**СС**

**M1-MK-E-192-400.195.160-4-0-67**

Дата и время:

**13.04.2017 12:10:20**

Угол пучка **139,1°** 4 PLANES

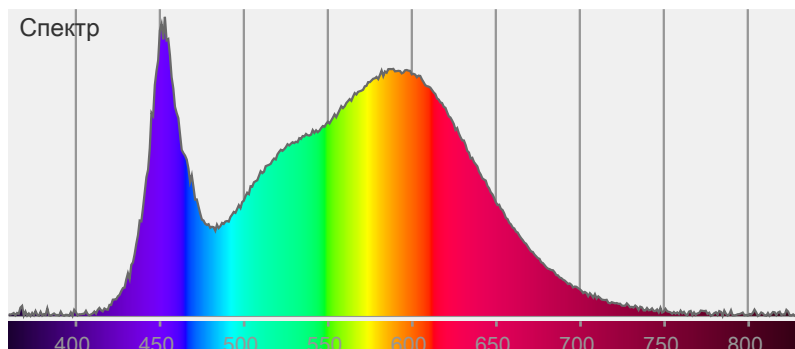


Цвет



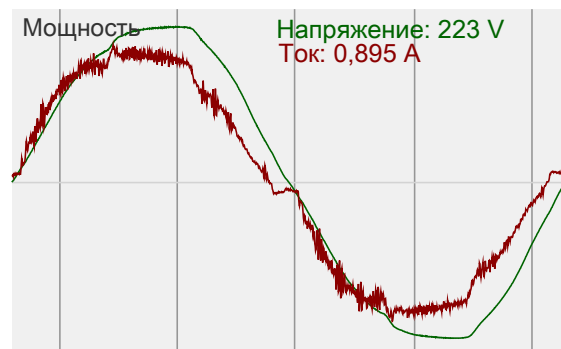
CIE1931  
x: 0,373  
y: 0,370

Спектр



Мощность

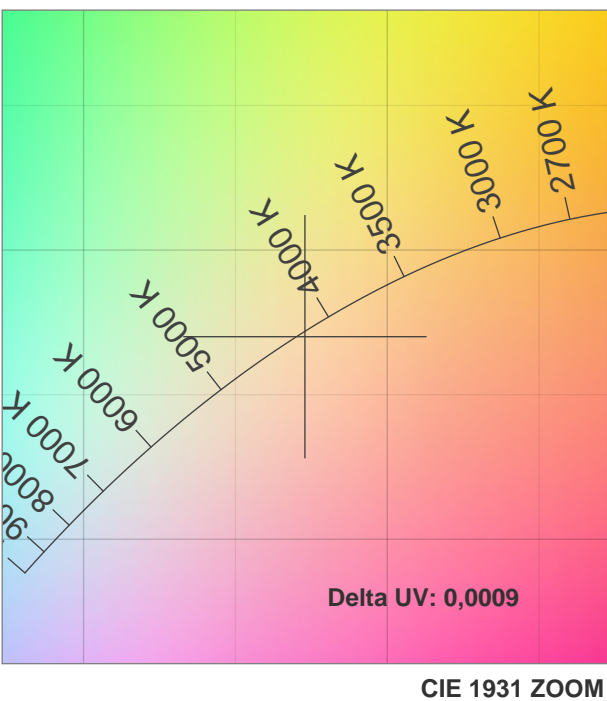
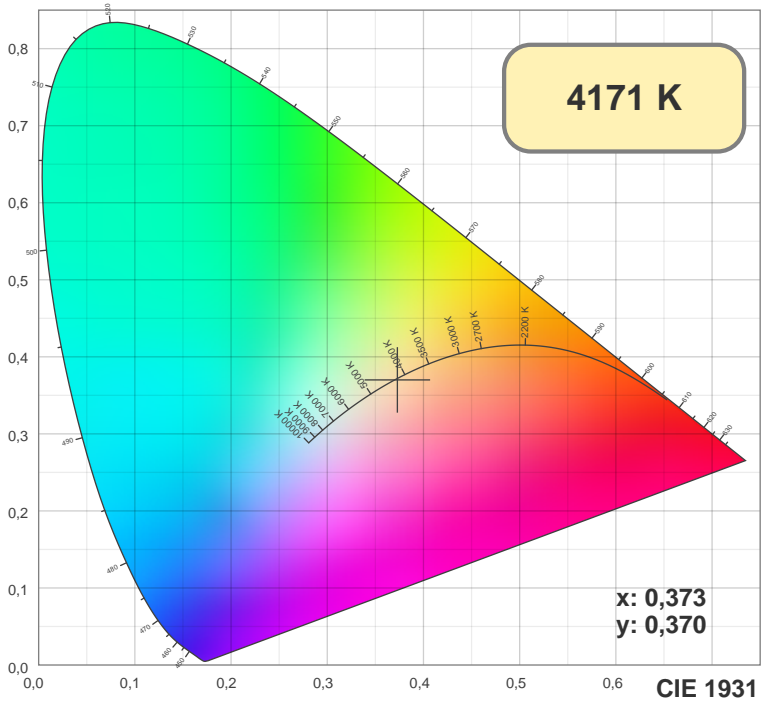
Напряжение: 223 V  
Ток: 0,895 A



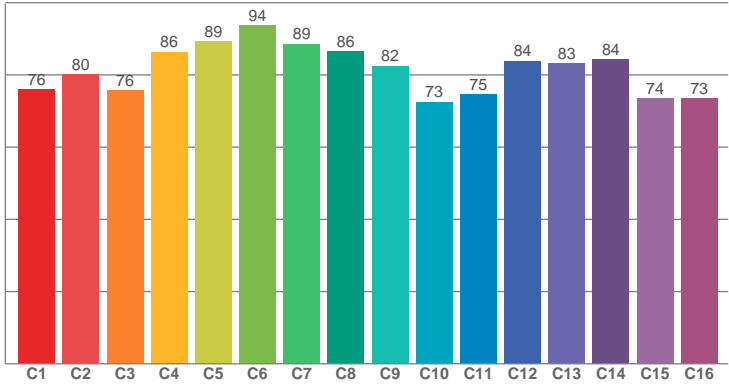
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Colormetrics

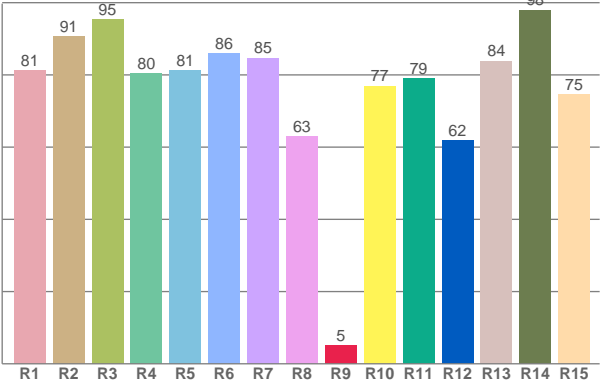
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TM30: 81,3



CRI: 82,8 (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
81,21	90,56	95,36	80,43	81,16	86,00	84,68	62,95	5,01	76,93	79,05	61,78	83,89	97,97	74,55

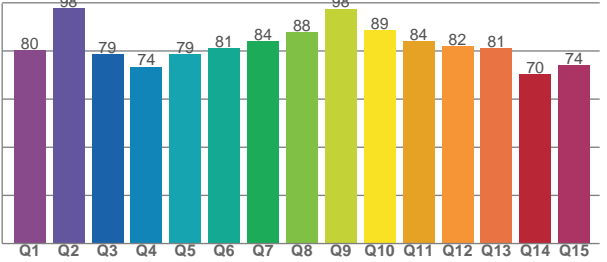
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
76,00	80,23	75,77	86,35	89,31	93,64	88,61	86,50	82,45	72,52	74,51	83,89	83,25	84,25	73,56	73,44

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
80,28	97,90	78,80	73,52	78,62	81,16	84,06	87,96	97,58	88,73	83,93	81,88	81,28	70,23	74,01

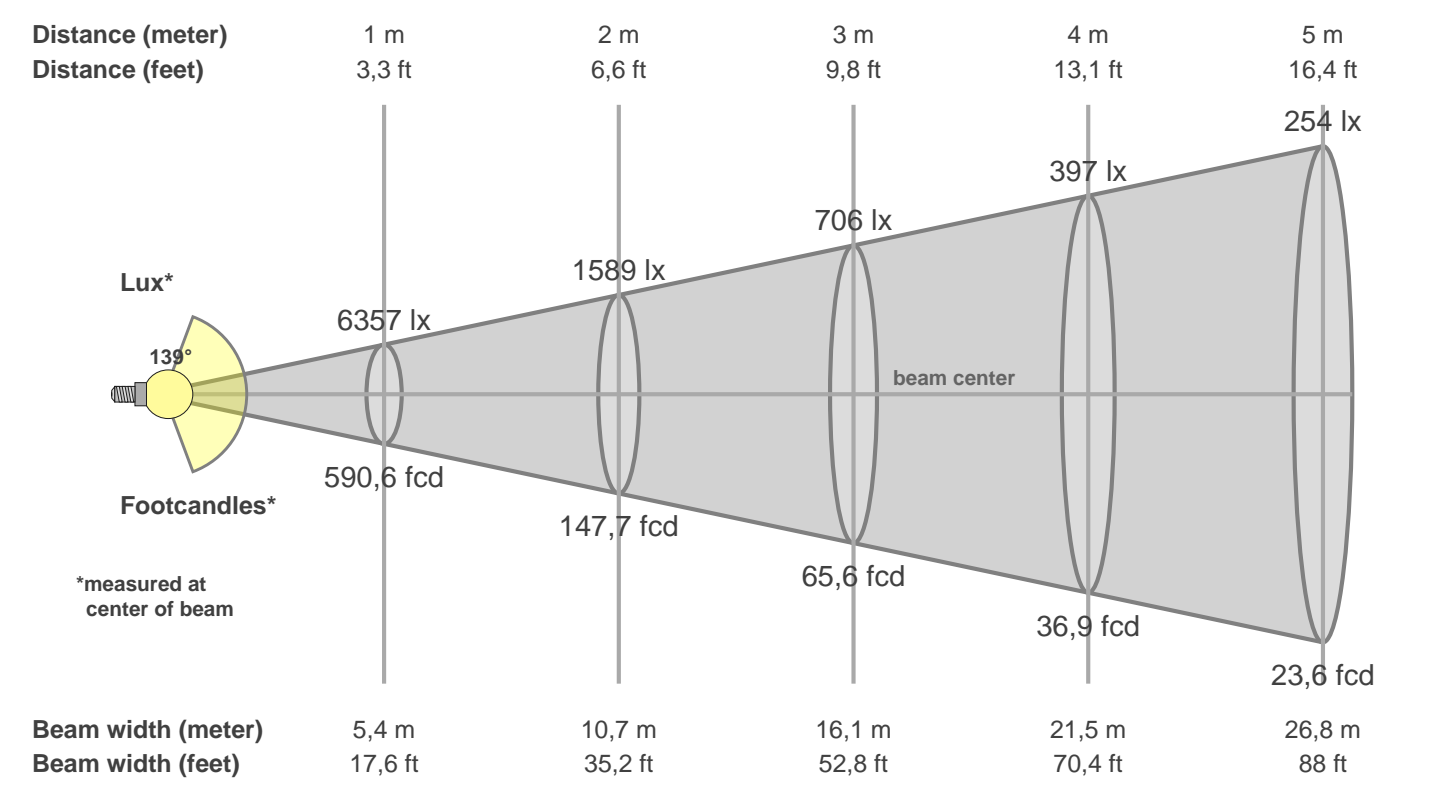
CQS: 81,0



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4171 K	82,8	5,0	81,3	94,1	81,0	0,4	0,4	0,2	0,3	0,0009

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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°
6357	6219	5875	5348	4802	4516	4427	4255	3971	3567	3036	2380	1605	801	234	107	106	103	104	106
100%	98%	92%	84%	76%	71%	70%	67%	62%	56%	48%	37%	25%	13%	4%	2%	2%	2%	2%	2%

Intensities in 90° c-plane

0°	9°	18°	27°	36°	45°	54°	63°	72°	81°	90°	99°	108°	117°	126°	135°	144°	153°	162°	171°
6357	6296	6014	5566	4944	4128	3133	2059	1013	282	84	76	80	85	86	92	95	100	104	108
100%	99%	95%	88%	78%	65%	49%	32%	16%	4%	1%	1%	1%	1%	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°
6357	6219	5875	5348	4802	4516	4427	4255	3971	3567	3036	2380	1605	801	234	107	106	103	104	106
100%	98%	92%	84%	76%	71%	70%	67%	62%	56%	48%	37%	25%	13%	4%	2%	2%	2%	2%	2%

Intensities in 270° c-plane

0°	9°	18°	27°	36°	45°	54°	63°	72°	81°	90°	99°	108°	117°	126°	135°	144°	153°	162°	171°
6357	6296	6014	5566	4944	4128	3133	2059	1013	282	84	76	80	85	86	92	95	100	104	108
100%	99%	95%	88%	78%	65%	49%	32%	16%	4%	1%	1%	1%	1%	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
139,1°	204,8°	224,4°	56,1%	37,0%