

# СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

Эффективность света:

**122 Lumen/Watt**

Качество света:

**CRI: 81,4**

Цветовая температура:

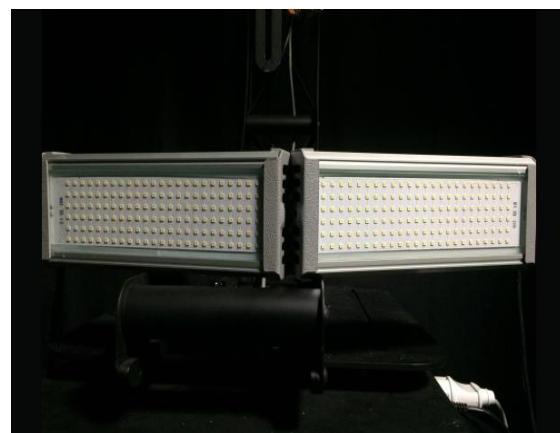
**4126 K**

Поток: 11366 lm

Интенс.: 3824 cd

Мощн.: 93,1 W

КПД: 0,98



Название продукта:

**СС**

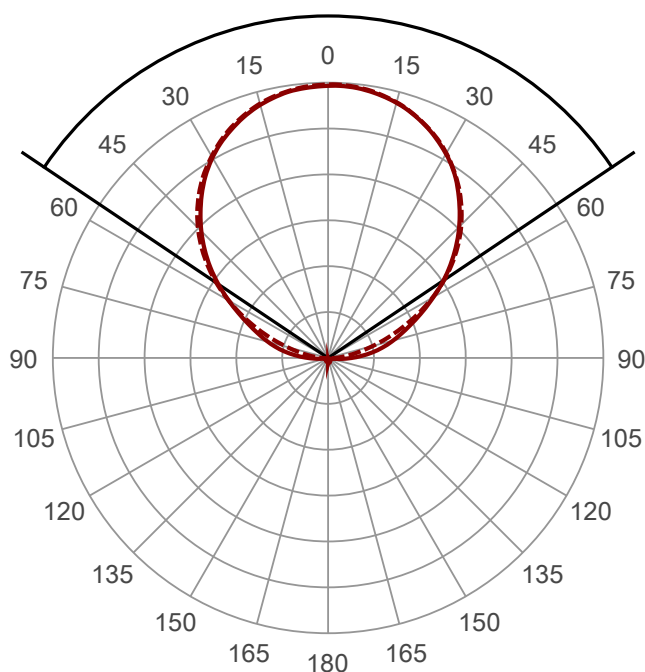
**T1-Y-E-96-510.100.170-4-0-67**

Дата и время:

**24.03.2016 9:46:05**

Угол пучка

**112,2°** (3 C-PLANES)

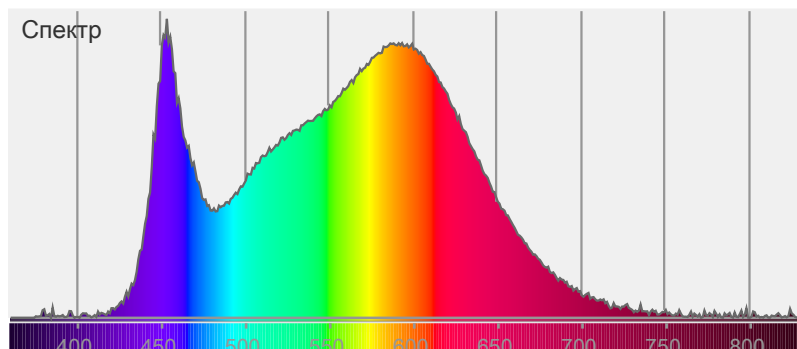


Цвет



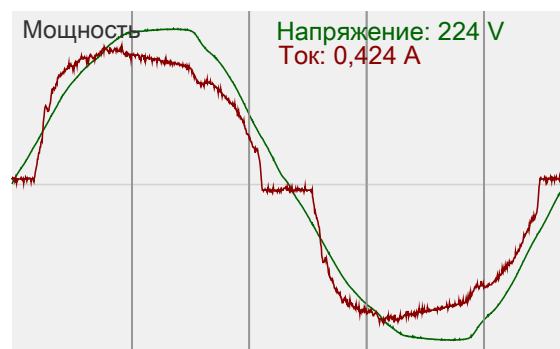
CIE1931  
x: 0,377  
y: 0,380

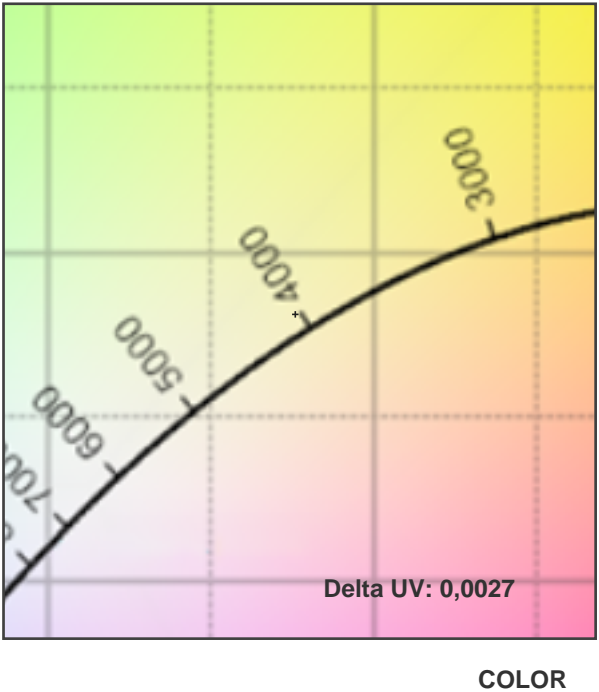
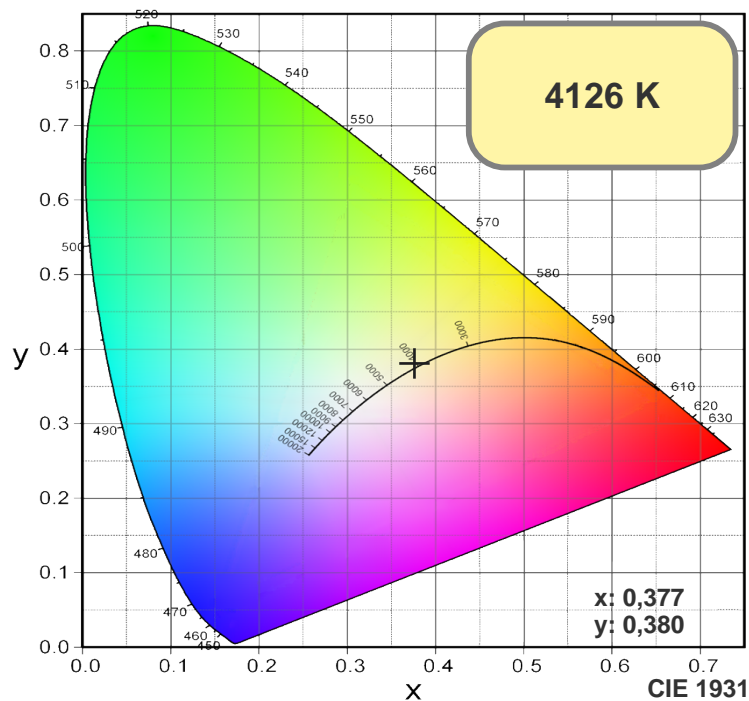
Спектр



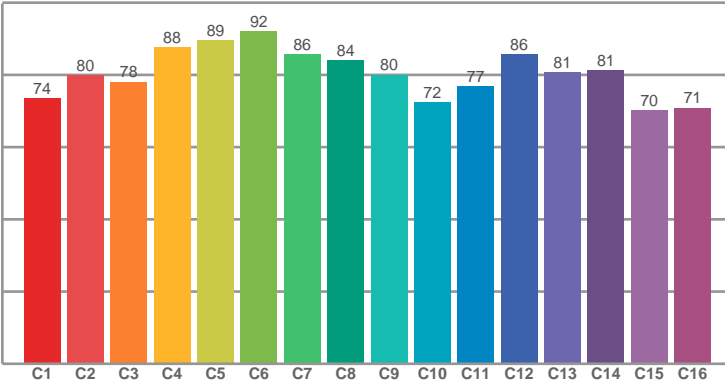
Мощность

Напряжение: 224 V  
Ток: 0,424 A





TM30: 80,5



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
79,32	90,70	95,29	77,98	79,44	86,95	83,12	58,63	-5,35	78,03	76,85	61,03	82,61	97,79	70,77

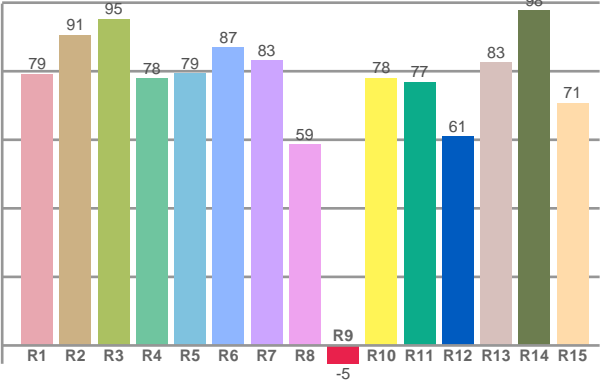
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
73,53	79,79	78,03	87,70	89,49	92,07	85,75	83,94	79,97	72,41	76,80	85,71	80,73	81,33	70,26	70,87

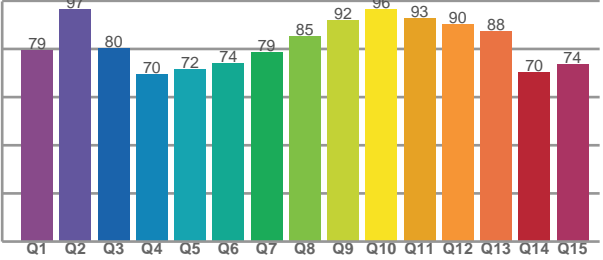
CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
79,41	96,56	80,26	69,59	71,70	74,13	78,60	85,20	91,88	96,48	92,76	90,18	87,53	70,34	73,84

CRI: 81,4 (R1-R8)



CQS: 80,3



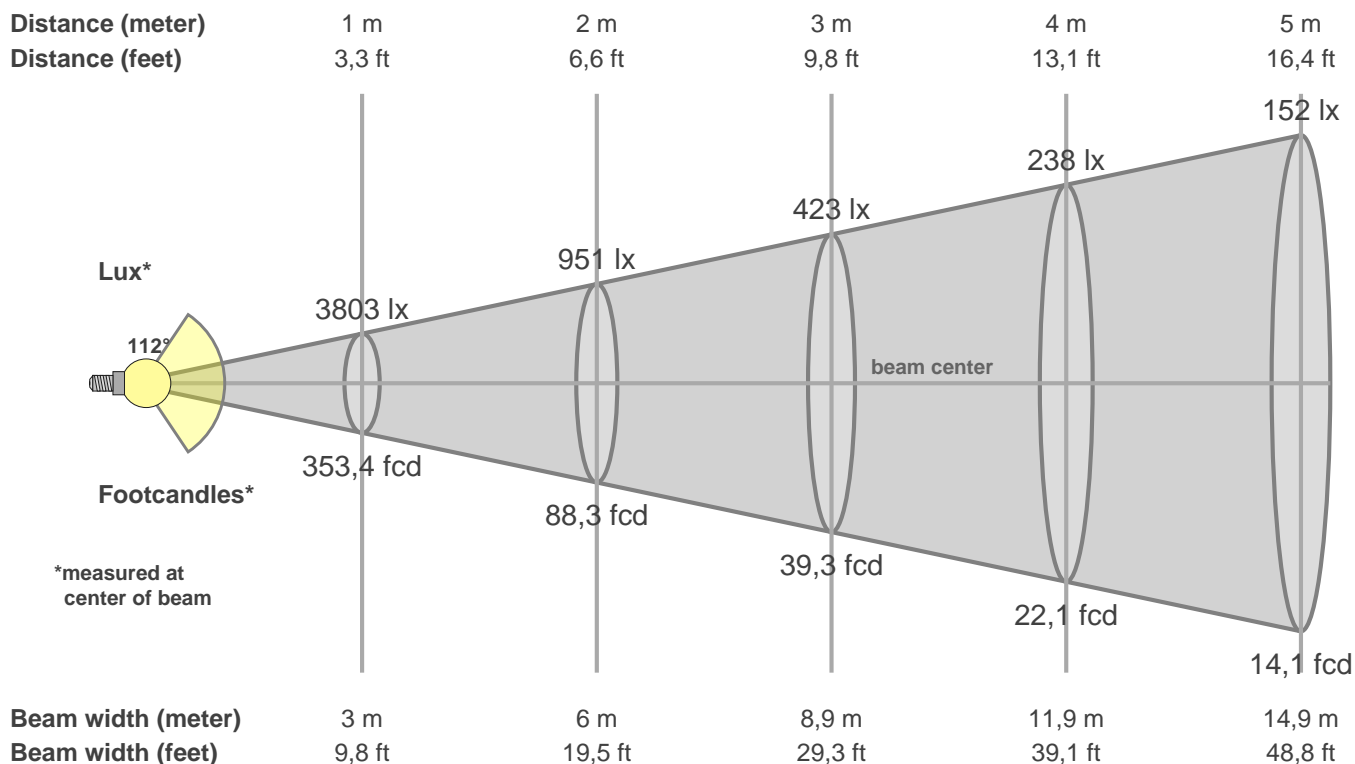
Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4126 K	81,4	-5,4	80,5	91,6	80,3	0,4	0,4	0,2	0,3	0,0027

# 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°
3803	3785	3740	3660	3548	3404	3231	3018	2769	2506	2221	1917	1605	1316	1072	870	676	474	286	136
100%	100%	98%	96%	93%	89%	85%	79%	73%	66%	58%	50%	42%	35%	28%	23%	18%	12%	8%	4%

## 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°
3803	3802	3753	3678	3568	3428	3254	3061	2831	2572	2279	1955	1604	1248	907	601	367	195	84	37
100%	100%	99%	97%	94%	90%	86%	80%	74%	68%	60%	51%	42%	33%	24%	16%	10%	5%	2%	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°
3803	3798	3759	3690	3589	3456	3293	3097	2851	2590	2309	2012	1701	1409	1156	942	741	532	330	166
100%	100%	99%	97%	94%	91%	87%	81%	75%	68%	61%	53%	45%	37%	30%	25%	19%	14%	9%	4%

## 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°
3803	3811	3771	3698	3595	3464	3304	3109	2884	2632	2347	2028	1683	1317	966	650	398	220	96	42
100%	100%	99%	97%	95%	91%	87%	82%	76%	69%	62%	53%	44%	35%	25%	17%	10%	6%	3%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
112,2°	165,7°	185,0°	76,0%	51,9%