

СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

Эффективность света:

126 Lumen/Watt

Качество света:

CRI: 81,1

Цветовая температура:

4099 K

Поток: 11535 lm

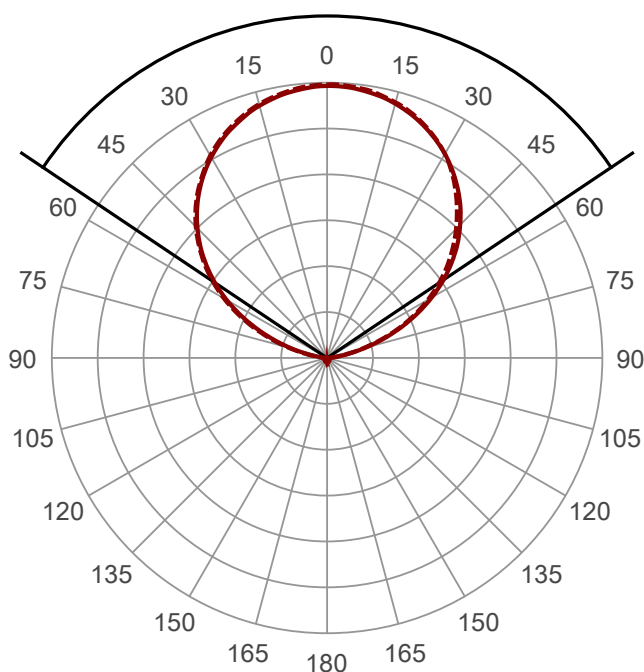
Интенс.: 4076 cd

Мощн.: 91,8 W

КПД: 0,97

Угол пучка

112,3° (3 C-PLANES)

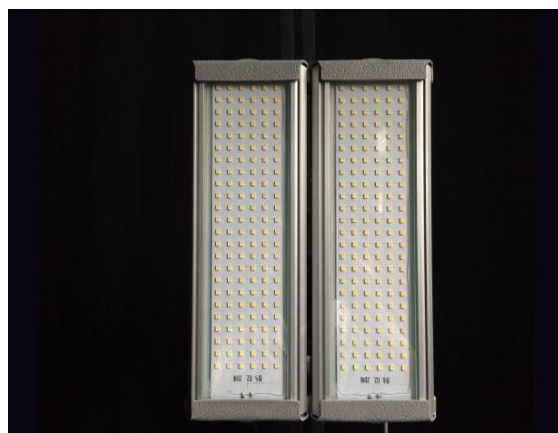
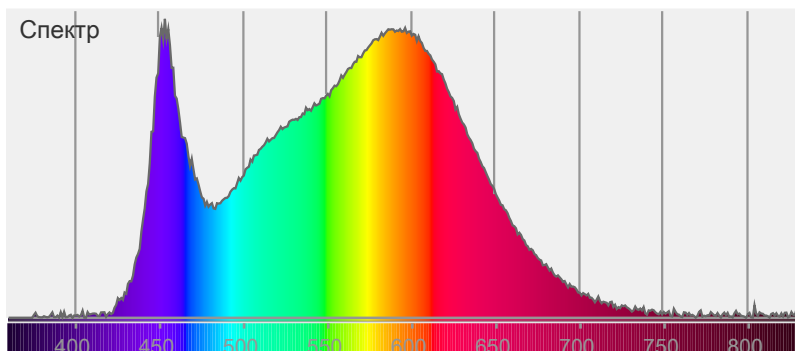


Цвет



CIE1931
x: 0,379
y: 0,383

Спектр



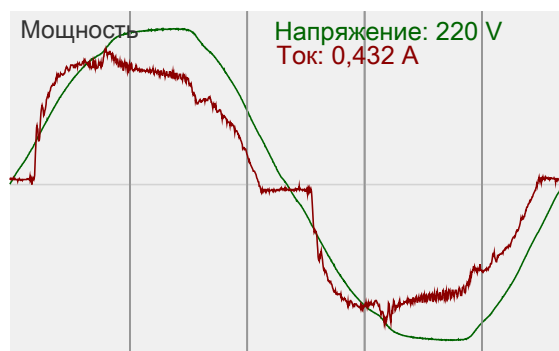
Название продукта:

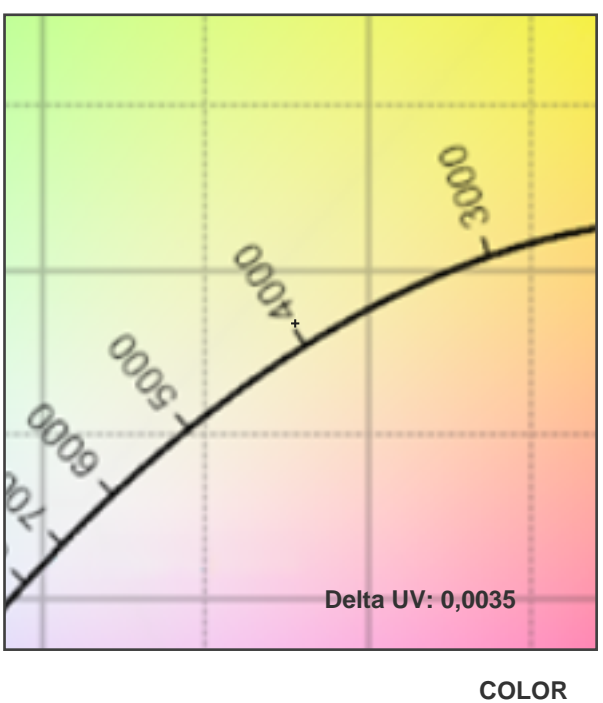
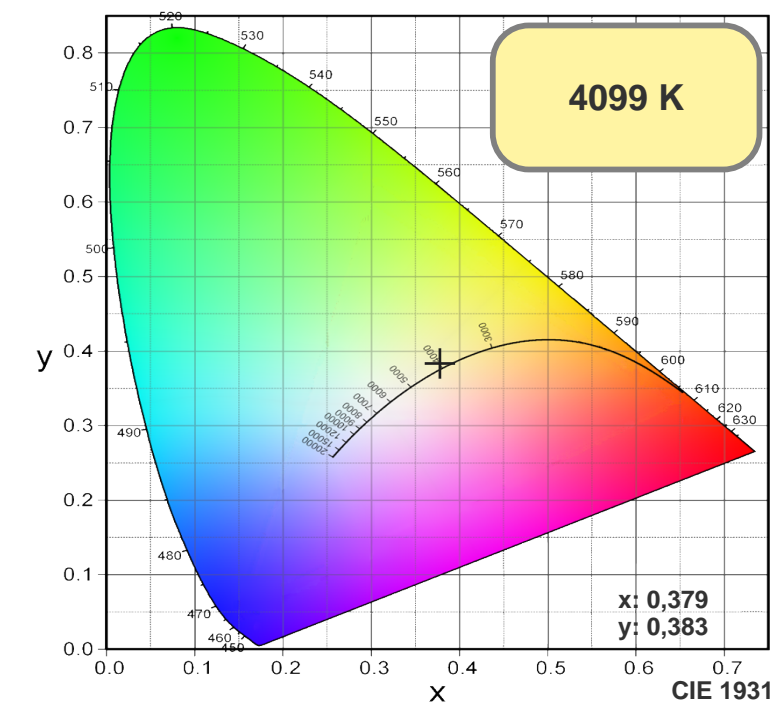
СС

M1-K-E-96-250.200.150-4-0-67

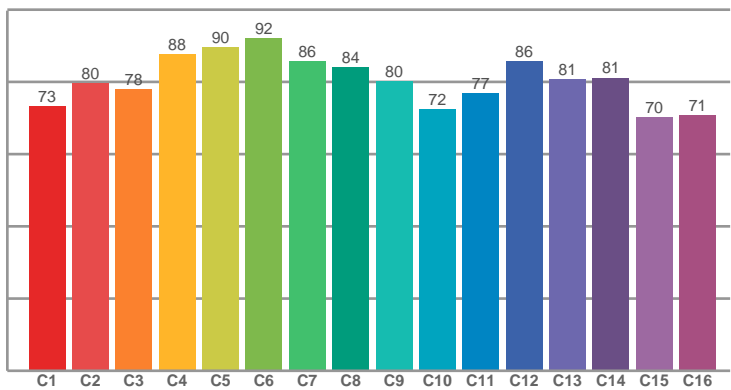
Дата и время:

24.03.2016 15:50:22

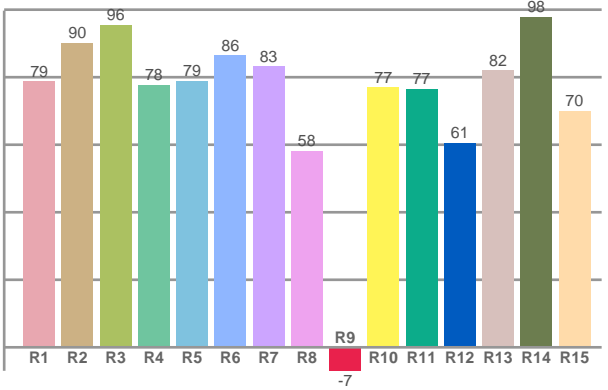




TM30: 80,5



CRI: 81,1 (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
78,77	90,18	95,50	77,73	78,91	86,48	83,22	58,15	-6,95	76,99	76,52	60,54	82,01	97,85	70,01

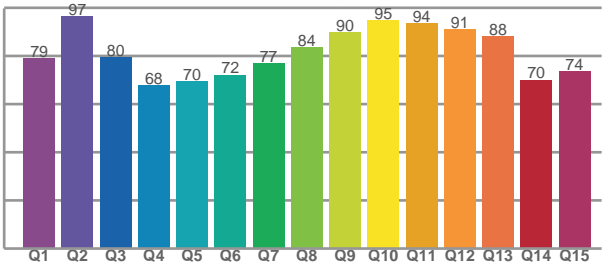
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
73,30	79,64	87,69	89,54	92,09	85,76	83,92	80,04	72,35	76,84	85,74	80,71	81,12	70,09	70,72	70,72

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
79,07	96,60	79,62	67,95	69,59	72,20	76,96	83,69	89,80	94,93	93,53	91,13	88,30	70,13	73,53

CQS: 79,4



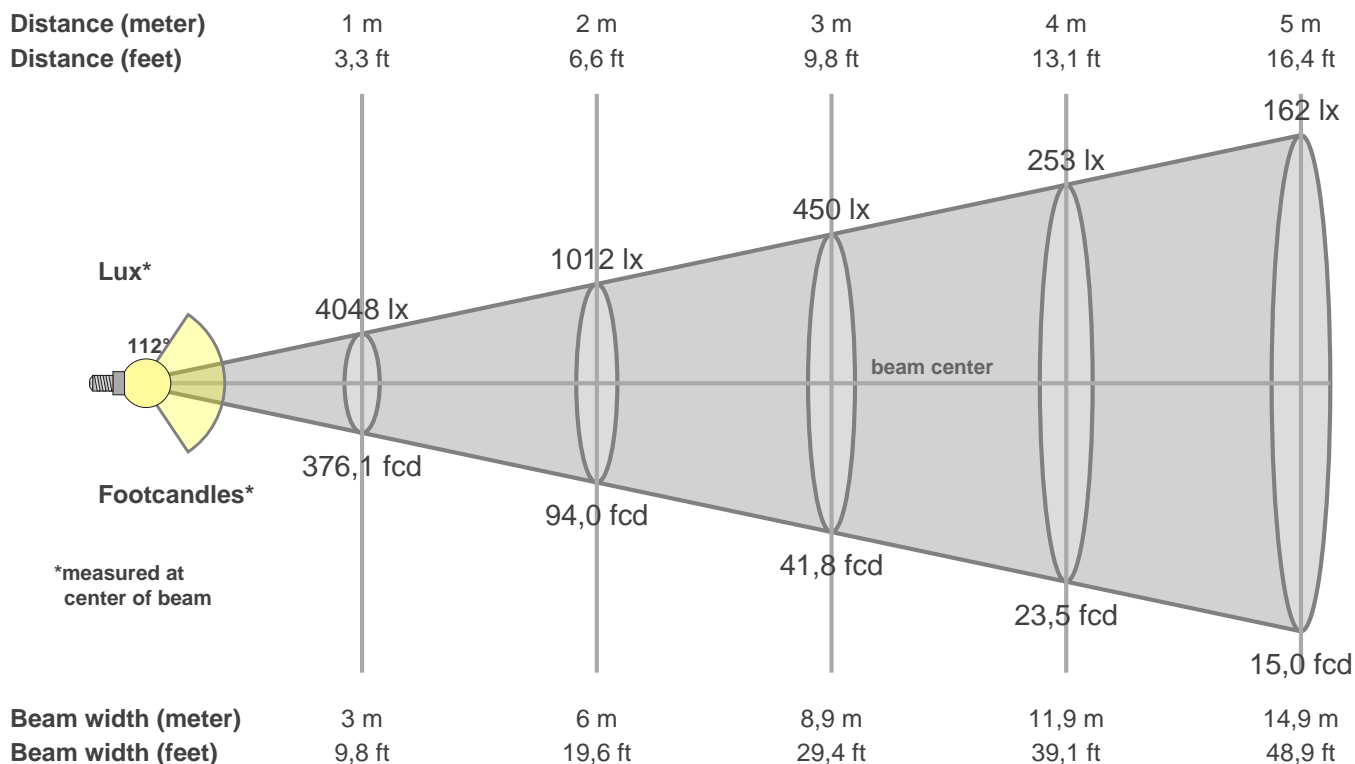
Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4099 K	81,1	-7,0	80,5	91,4	79,4	0,4	0,4	0,2	0,3	0,0035

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°
4048	4025	3972	3888	3770	3628	3450	3243	3002	2730	2429	2091	1726	1330	929	554	252	75	26	29
100%	99%	98%	96%	93%	90%	85%	80%	74%	67%	60%	52%	43%	33%	23%	14%	6%	2%	1%	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°
4048	4052	3993	3912	3799	3654	3478	3266	3032	2765	2461	2132	1776	1386	988	602	293	95	34	28
100%	100%	99%	97%	94%	90%	86%	81%	75%	68%	61%	53%	44%	34%	24%	15%	7%	2%	1%	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°
4048	4041	3993	3920	3814	3674	3508	3305	3071	2803	2505	2168	1799	1400	991	603	287	89	38	36
100%	100%	99%	97%	94%	91%	87%	82%	76%	69%	62%	54%	44%	35%	24%	15%	7%	2%	1%	1%

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°
4048	4060	4020	3940	3835	3688	3506	3275	3004	2717	2413	2088	1733	1355	952	553	259	84	36	37
100%	100%	99%	97%	95%	91%	87%	81%	74%	67%	60%	52%	43%	33%	24%	14%	6%	2%	1%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
112,3°	155,1°	168,8°	79,7%	54,3%