

СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

Эффективность света:

125 Lumen/Watt

Качество света:

CRI: 84,2

Цветовая температура:

4090 K

Поток: 12931 lm

Интенс.: 4112 cd

Мощн.: 103 W

КПД: 0,91



Название продукта:

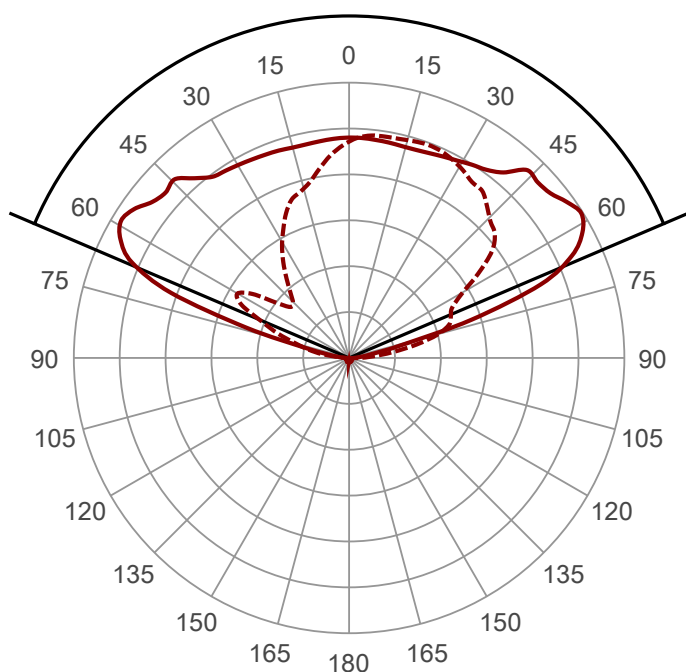
СС

M2-K-H-96-250.300.130-4-0-67

Дата и время:

21.03.2016 17:05:17

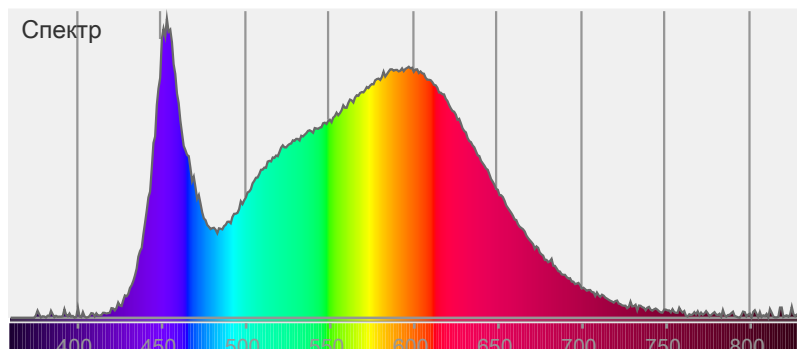
Угол пучка **133,8°** (3 C-PLANES)



Цвет

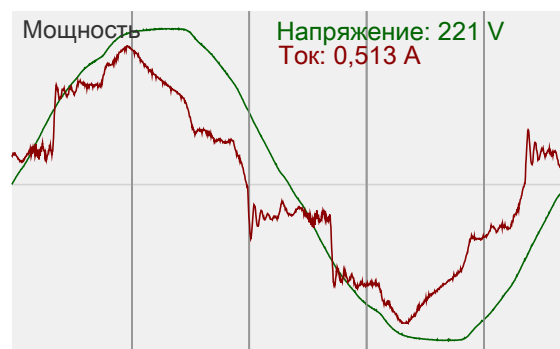
CIE1931
x: 0,377
y: 0,374

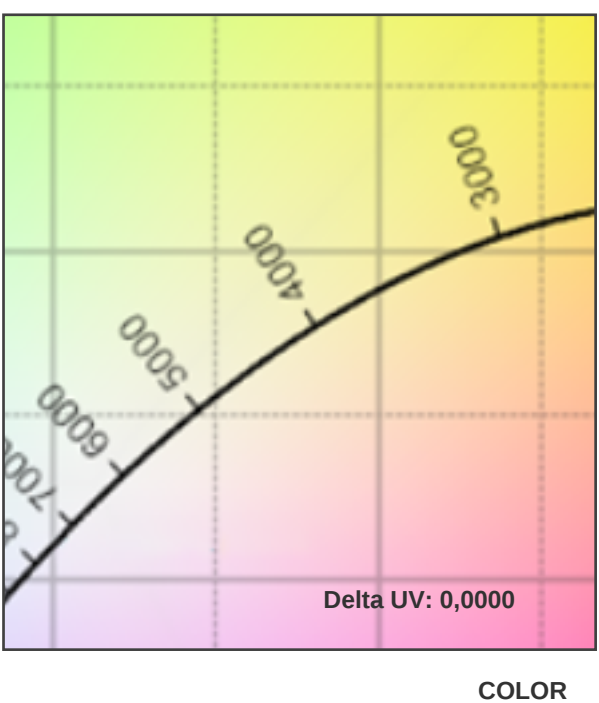
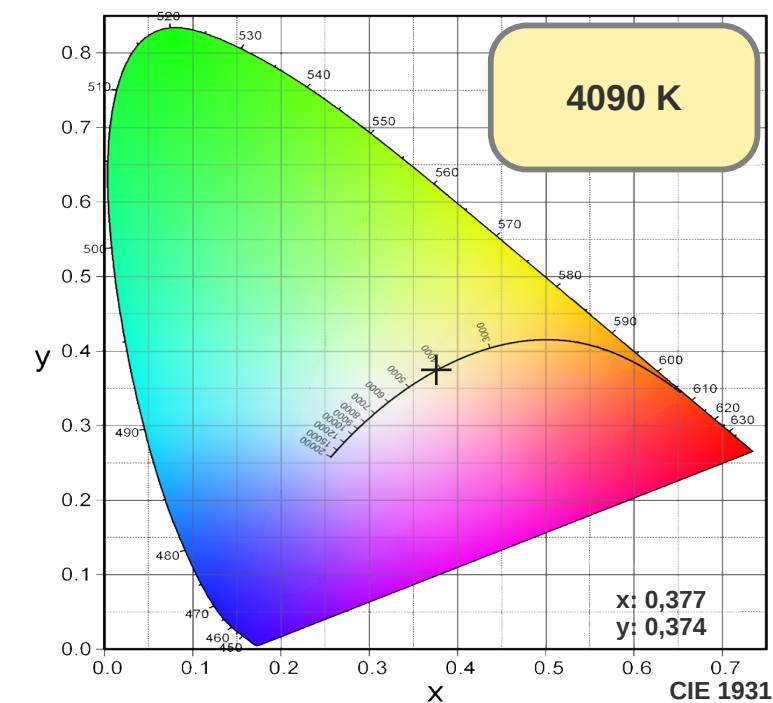
Спектр



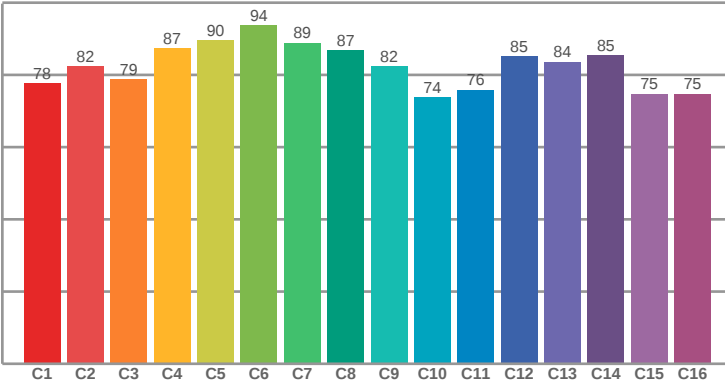
Мощность

Напряжение: 221 V
Ток: 0,513 A

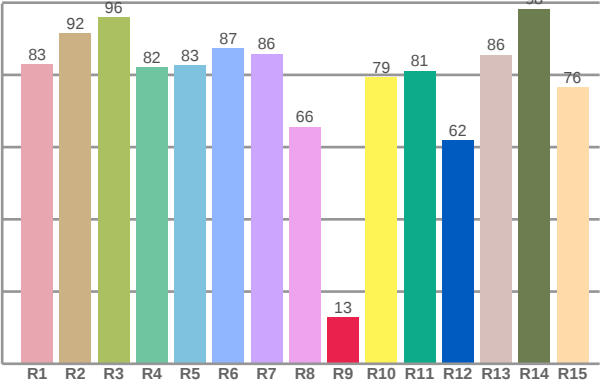




TM30: 82,3



CRI: 84,2 (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
82,98	91,57	95,95	82,02	82,61	87,40	85,80	65,61	12,86	79,21	81,10	61,90	85,53	98,29	76,47

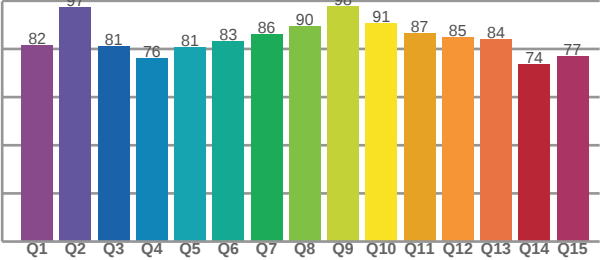
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
77,61	82,26	78,74	87,42	89,53	93,75	88,85	86,81	82,42	73,68	75,83	85,19	83,59	85,35	74,71	74,71

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
81,71	97,45	81,14	76,14	80,72	83,14	86,09	89,53	97,87	90,65	86,70	84,98	84,23	73,79	76,88

CQS: 83,3



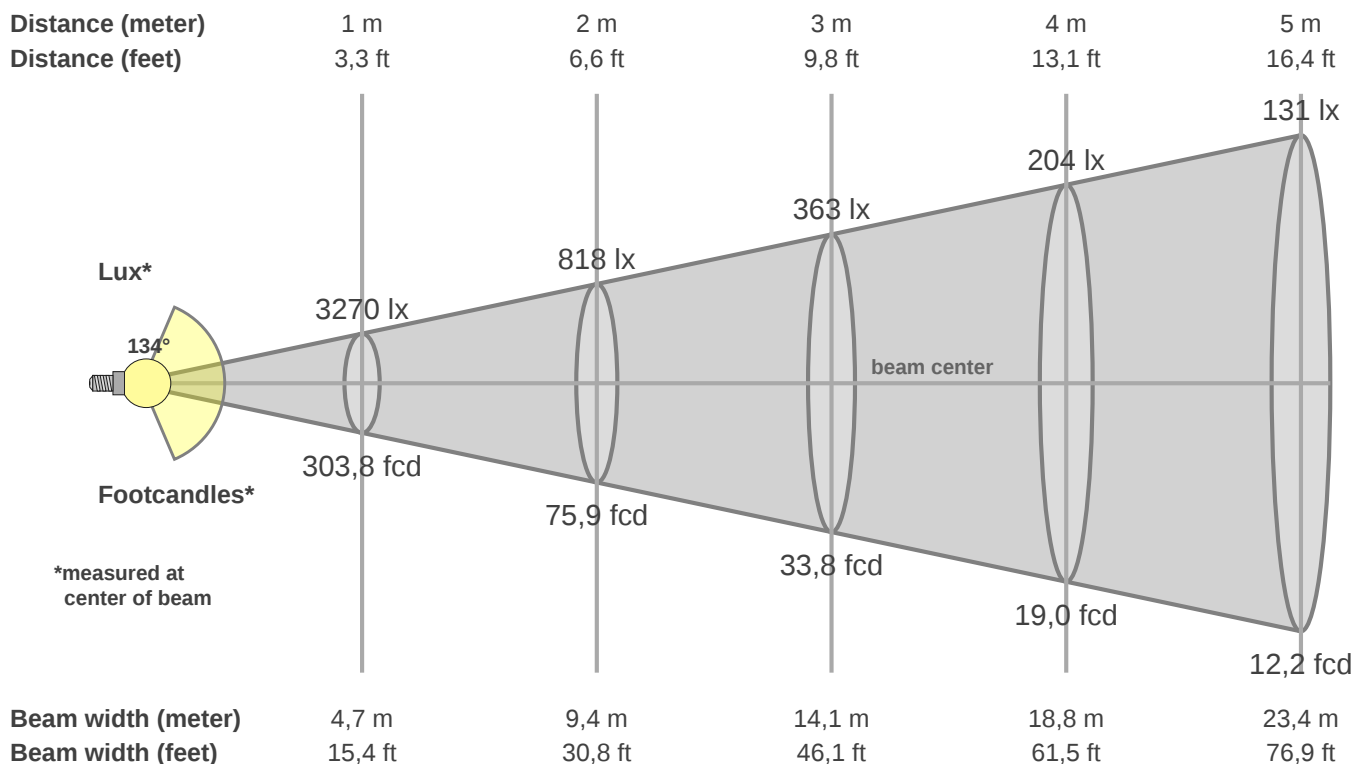
Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4090 K	84,2	12,9	82,3	94,2	83,3	0,4	0,4	0,2	0,3	0,0001

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°
3270	3298	3278	3273	3296	3316	3346	3389	3533	3746	3748	3917	3962	3670	2823	1235	385	154	63	43
100%	101%	100%	100%	101%	101%	102%	104%	108%	115%	115%	120%	121%	112%	86%	38%	12%	5%	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°
3270	3067	2828	2640	2528	2289	2012	1716	1423	1201	1218	1592	1932	1670	1216	822	527	194	45	39
100%	94%	86%	81%	77%	70%	62%	52%	44%	37%	37%	49%	59%	51%	37%	25%	16%	6%	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°
3270	3306	3293	3281	3297	3340	3402	3483	3644	3882	3902	4040	4043	3714	2773	1204	361	169	76	54
100%	101%	101%	100%	101%	102%	104%	107%	111%	119%	119%	124%	124%	114%	85%	37%	11%	5%	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°
3270	3349	3372	3389	3414	3390	3320	3225	3161	2987	2854	2503	1989	1702	1614	1388	907	454	157	48
100%	102%	103%	104%	104%	104%	102%	99%	97%	91%	87%	77%	61%	52%	49%	42%	28%	14%	5%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
133,8°	166,1°	178,5°	68,0%	41,2%