

СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

Эффективность света:

131 Lumen/Watt

Качество света:

CRI: 83,6

Цветовая температура:

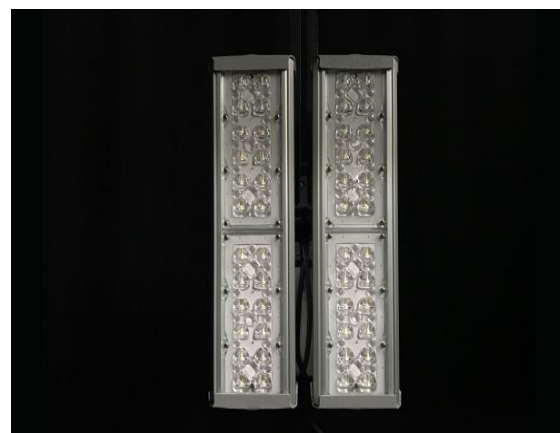
4244 K

Поток: 16853 lm

Интенс.: 5576 cd

Мощн.: 128 W

КПД: 0,97



Название продукта:

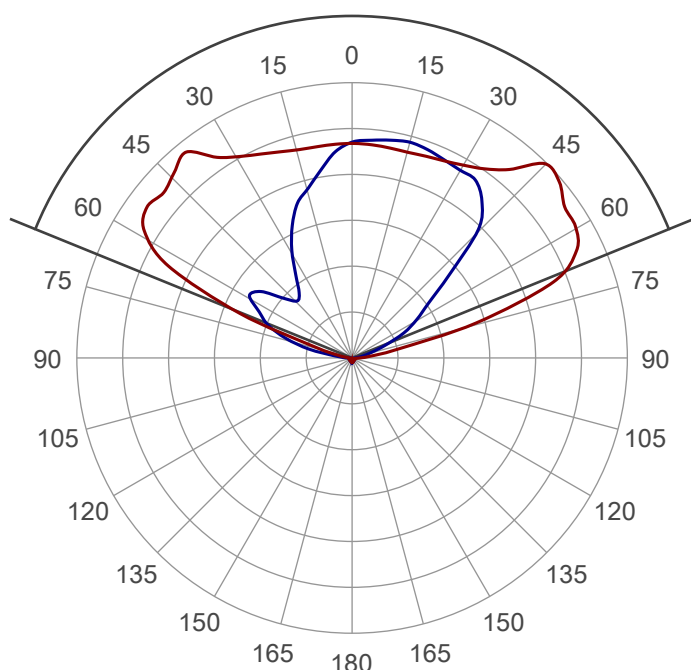
СС

M2-K-H-128-350.200.150-4-0-67

Дата и время:

28.02.2017 9:09:28

Угол пучка **135,8°** 4 PLANES



Цвет

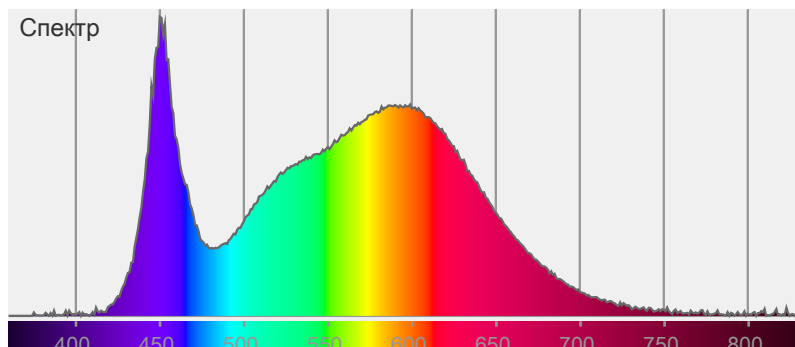


CIE1931

x: 0,368

y: 0,359

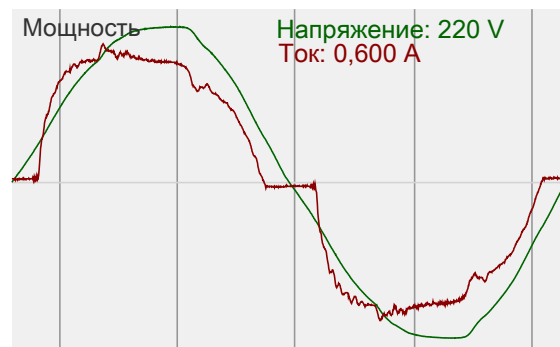
Спектр



Мощность

Напряжение: 220 V

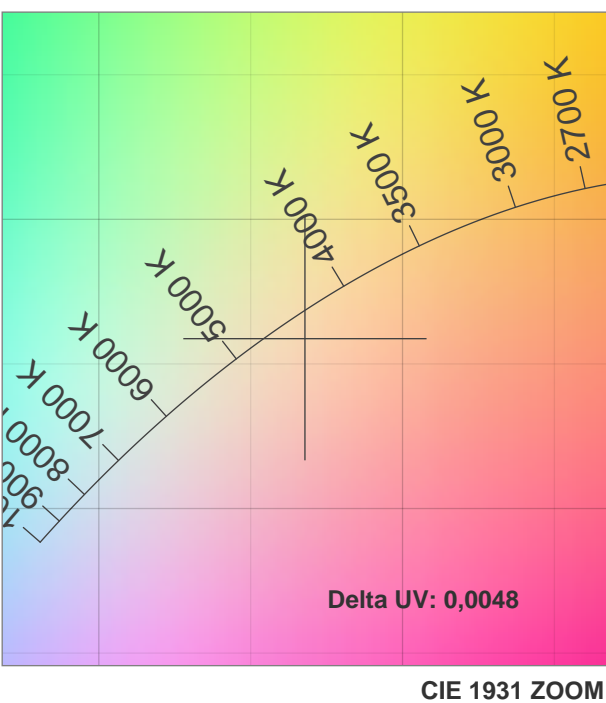
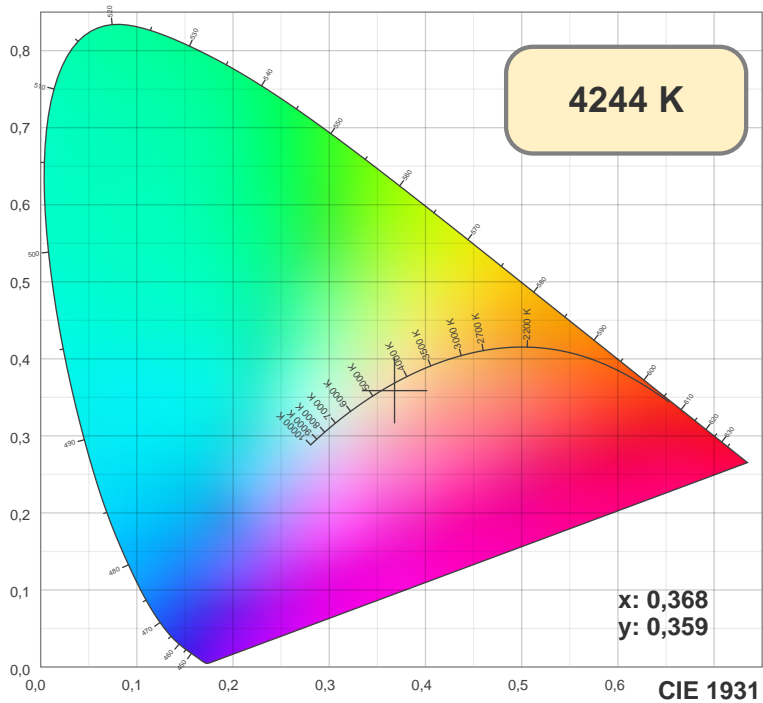
Ток: 0,600 A



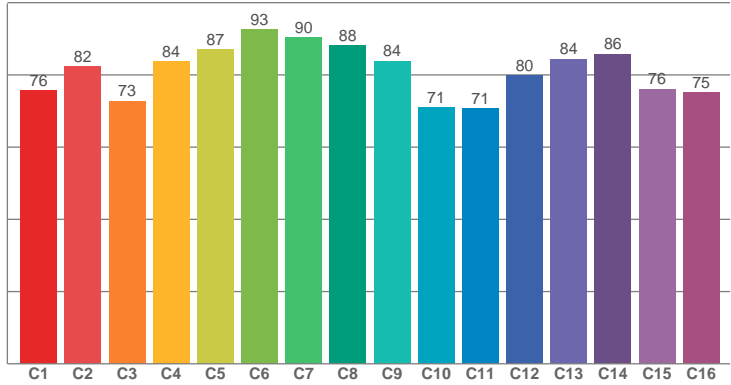
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Colormetrics

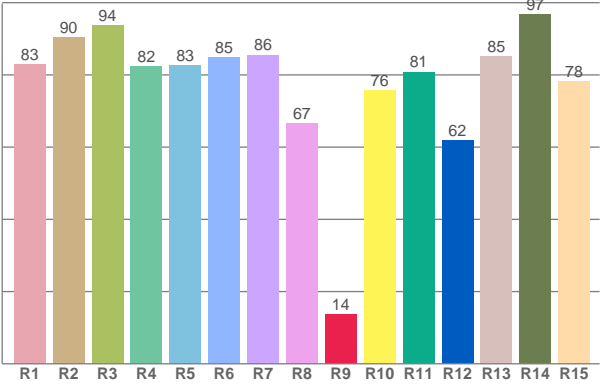
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TM30: 80,8



CRI: 83,6 (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
82,94	90,32	93,77	82,33	82,72	84,88	85,53	66,64	13,76	75,63	80,85	61,82	85,04	96,75	78,09

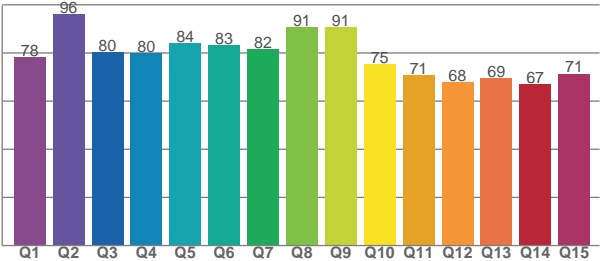
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
75,70	82,36	72,76	83,77	87,02	92,66	90,30	88,12	83,90	70,99	70,68	79,92	84,43	85,77	76,12	75,22

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
78,11	96,12	80,36	80,08	83,96	83,17	81,74	90,66	90,62	75,47	70,76	67,92	69,37	67,22	71,40

CQS: 77,4



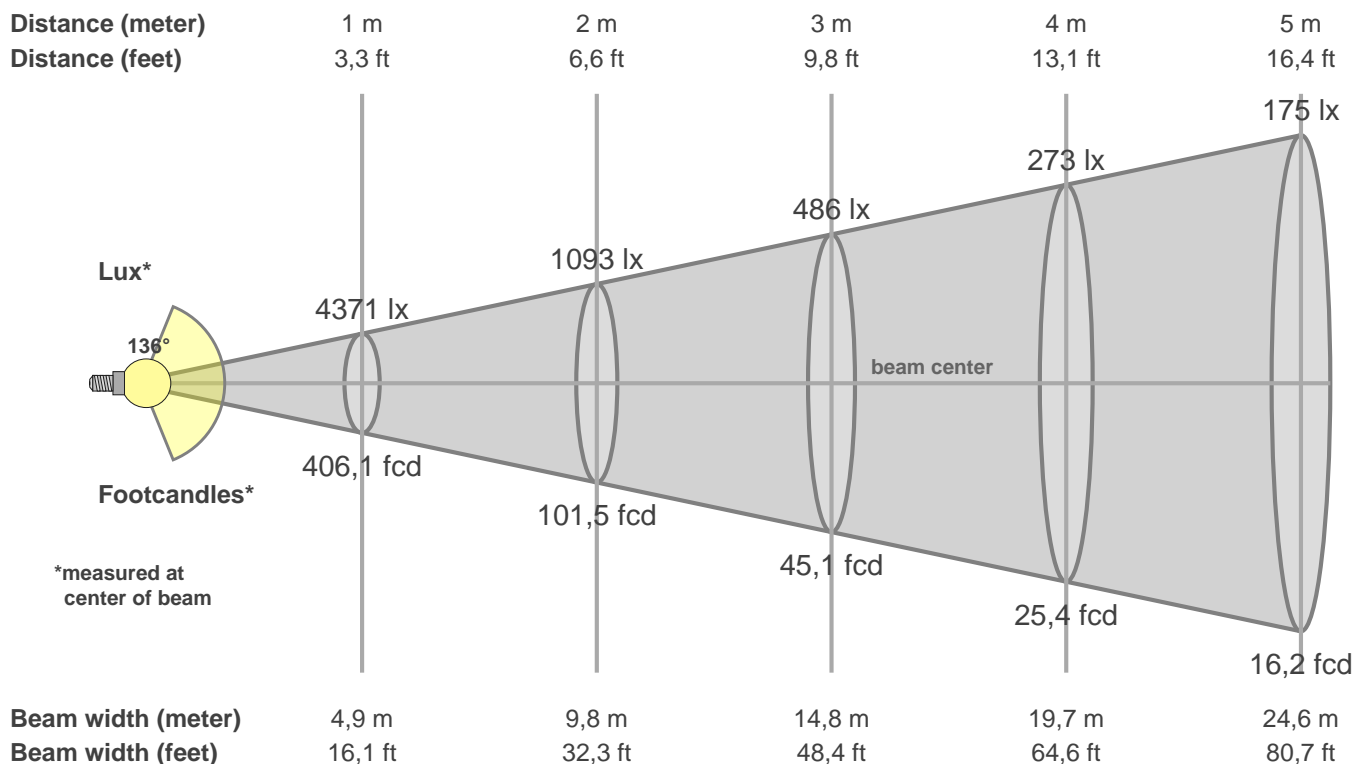
Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4244 K	83,6	13,8	80,8	96,4	77,4	0,4	0,4	0,2	0,3	0,0048

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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°
4371	4368	4366	4391	4466	4579	4743	5027	5353	5206	5130	5127	4732	3637	1916	650	264	107	55	50
100%	100%	100%	100%	102%	105%	108%	115%	122%	119%	117%	117%	108%	83%	44%	15%	6%	2%	1%	1%

Intensities in 90° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
4371	4170	3826	3531	3284	2884	2430	1976	1684	1653	1937	2317	2350	2027	1709	1249	718	268	93	42
100%	95%	88%	81%	75%	66%	56%	45%	39%	38%	44%	53%	54%	46%	39%	29%	16%	6%	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°
4371	4363	4347	4342	4377	4432	4537	4706	5020	5574	5526	5313	5262	4992	4149	2374	849	363	166	78
100%	100%	99%	99%	100%	101%	104%	108%	115%	128%	126%	122%	120%	114%	95%	54%	19%	8%	4%	2%

Intensities in 270° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
4371	4430	4482	4527	4491	4429	4390	4372	4090	3547	2516	1858	1474	1093	661	375	216	119	58	48
100%	101%	103%	104%	103%	101%	100%	100%	94%	81%	58%	42%	34%	25%	15%	9%	5%	3%	1%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
135,8°	162,3°	177,2°	69,1%	42,5%