

СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

Эффективность света:

130 Lumen/Watt

Качество света:

CRI: 85,6

Цветовая температура:

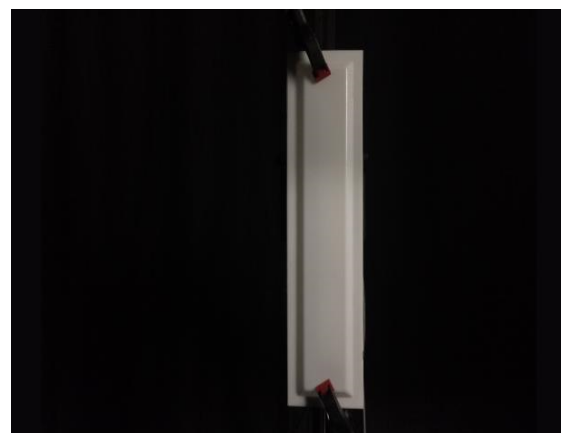
4204 K

Поток: 1669 lm

Интенс.: 499 cd

Мощн.: 12,9 W

КПД: 0,94



Название продукта:

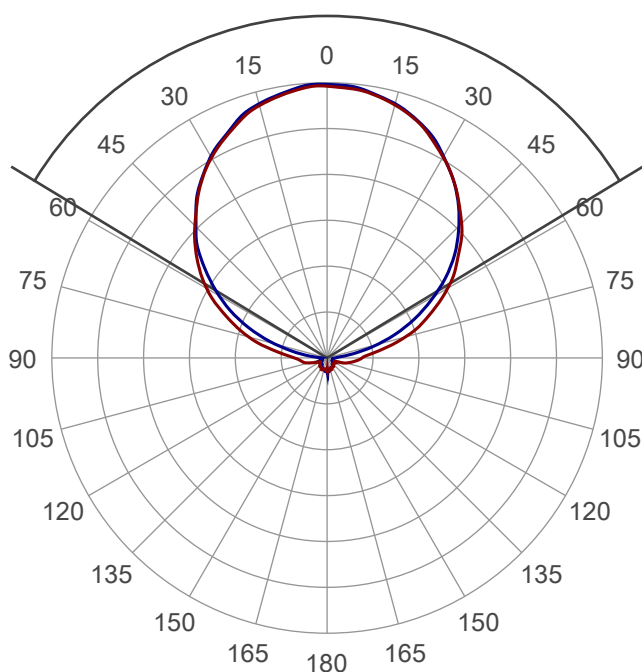
СС

05-У-М-14-590.130.15-4-0-54

Дата и время:

17.04.2017 15:04:42

Угол пучка **117,6°** 4 PLANES

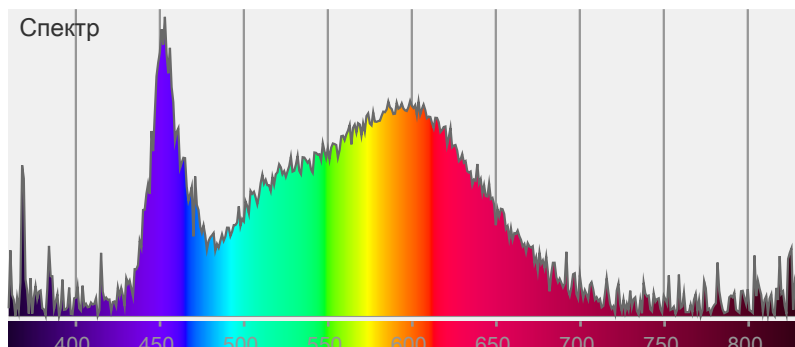


Цвет



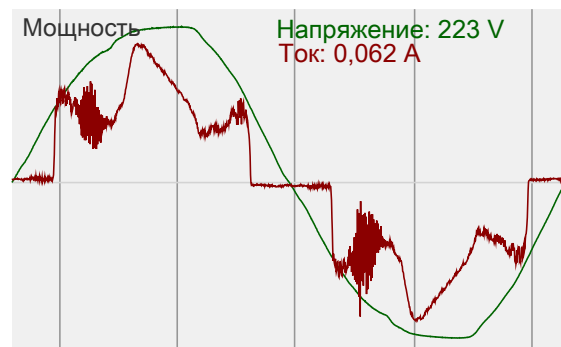
CIE1931
x: 0,370
y: 0,364

Спектр



Мощность

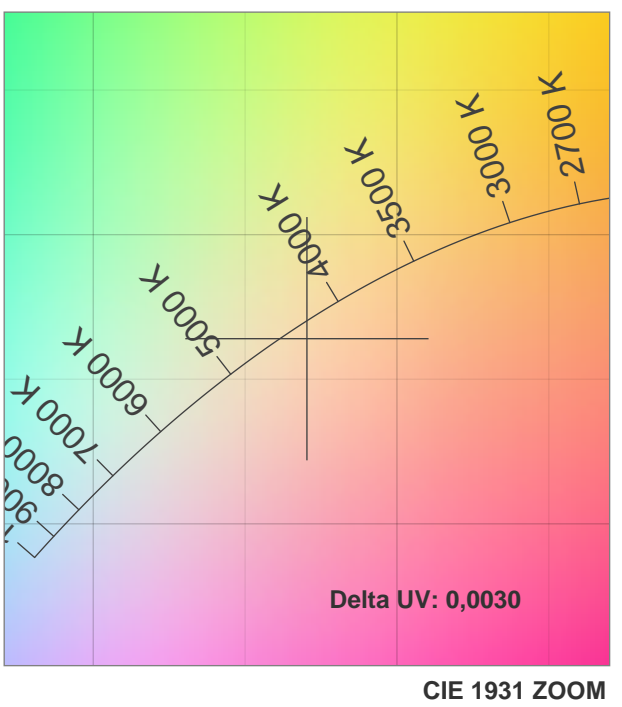
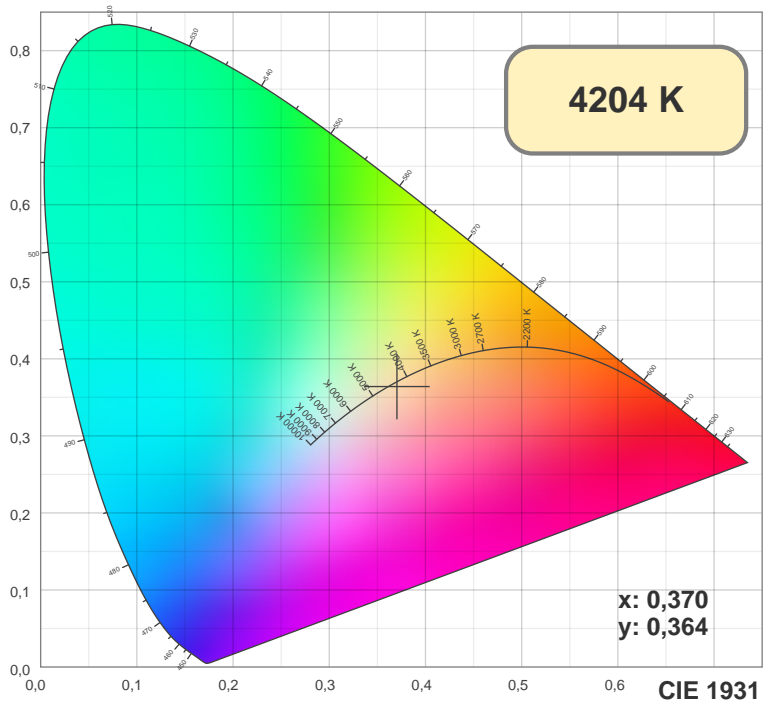
Напряжение: 223 V
Ток: 0,062 A



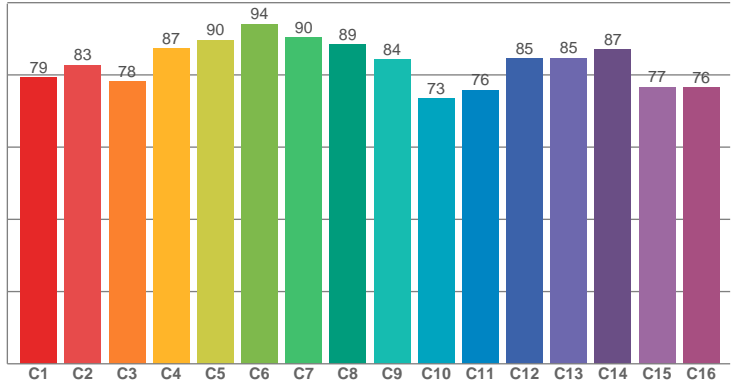
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Colormetrics

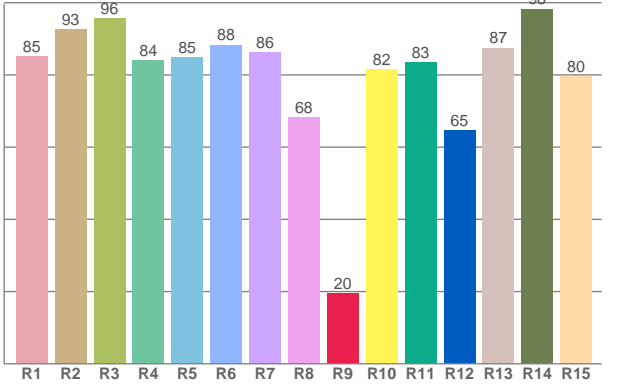
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TM30: 83,1



CRI: 85,6 (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
85,08	92,66	95,66	83,95	84,82	88,34	86,15	68,15	19,55	81,57	83,38	64,58	87,46	98,24	79,61

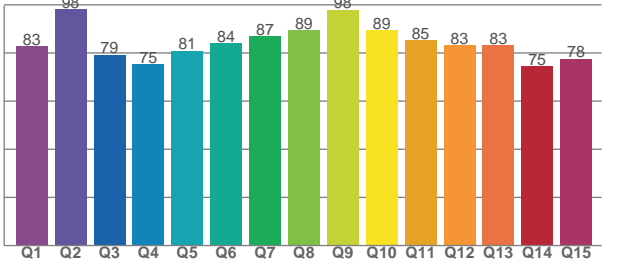
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
79,23	82,80	78,19	87,27	89,68	94,09	90,45	88,51	84,21	73,49	75,82	84,56	84,73	87,00	76,70	76,47

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
82,84	98,34	79,31	75,26	80,97	84,20	86,96	89,46	97,99	89,44	85,21	83,41	83,27	74,54	77,64

CQS: 83,1



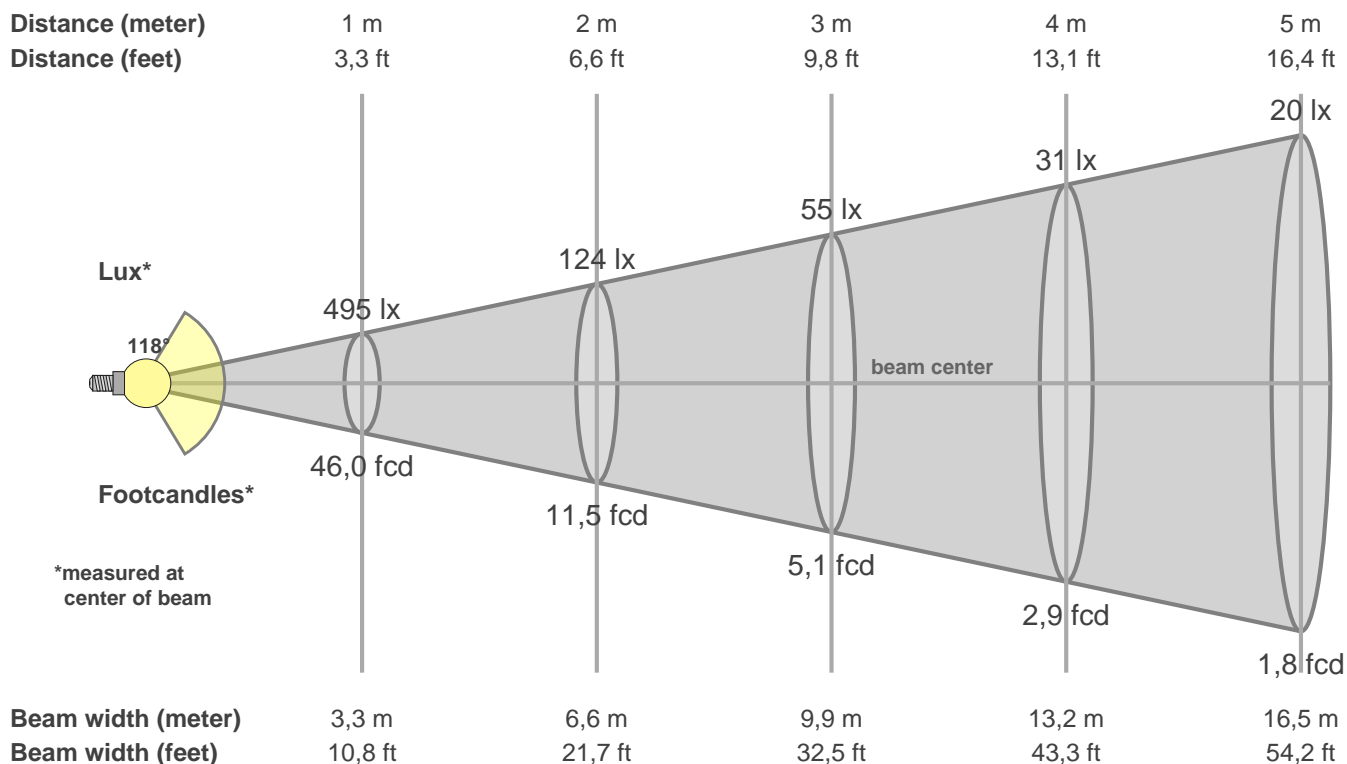
Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4204 K	85,6	19,5	83,1	95,7	83,1	0,4	0,4	0,2	0,3	0,0030

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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°
495	493	486	476	461	442	421	397	369	341	313	284	253	218	182	148	113	81	61	50
100%	100%	98%	96%	93%	89%	85%	80%	75%	69%	63%	57%	51%	44%	37%	30%	23%	16%	12%	10%

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°
495	497	489	479	465	444	424	398	371	338	306	267	228	187	143	99	59	27	11	10
100%	100%	99%	97%	94%	90%	86%	80%	75%	68%	62%	54%	46%	38%	29%	20%	12%	6%	2%	2%

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°
495	492	487	477	464	445	423	399	373	346	317	286	254	218	184	148	111	81	64	55
100%	99%	98%	96%	94%	90%	85%	81%	75%	70%	64%	58%	51%	44%	37%	30%	22%	16%	13%	11%

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°
495	497	489	479	466	448	424	399	371	340	306	268	225	183	139	95	55	26	15	11
100%	100%	99%	97%	94%	91%	86%	81%	75%	69%	62%	54%	46%	37%	28%	19%	11%	5%	3%	2%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
117,6°	177,1°	360,0°	68,5%	46,0%