

СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

Эффективность света:

123 Lumen/Watt

Качество света:

CRI: 83,9

Цветовая температура:

4312 K

Поток: 7697 lm

Интенс.: 9455 cd

Мощн.: 62,8 W

КПД: 0,97



Название продукта:

СС

M4-Y-H-64-350.100.130-4-0-67

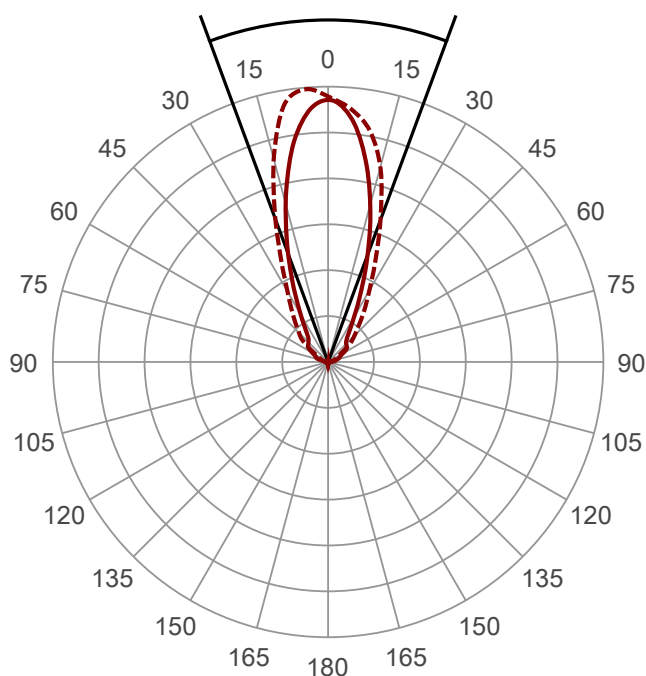
Дата и время:

07.12.2016 15:06:18

Угол пучка

40,5°

(4 PLANES)
8 C-Planes



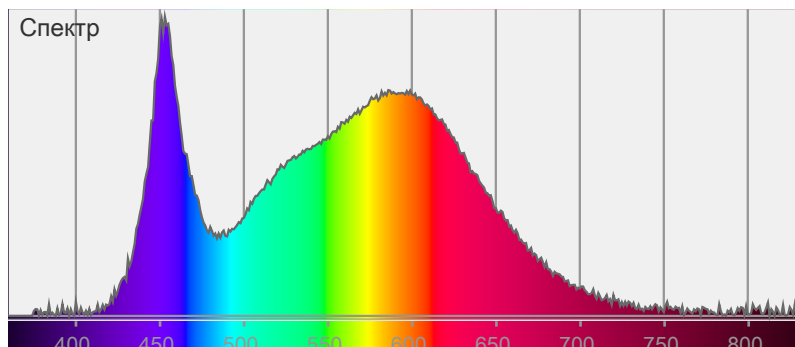
Цвет

CIE1931

x: 0,365

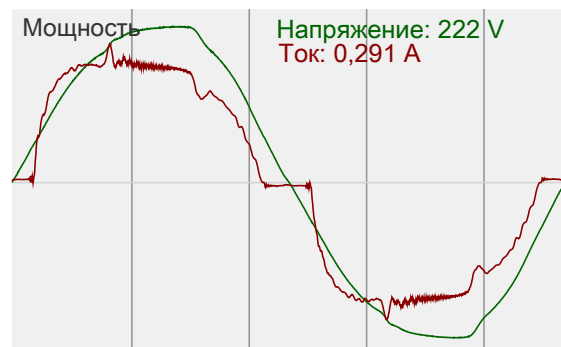
y: 0,356

Спектр



Мощность

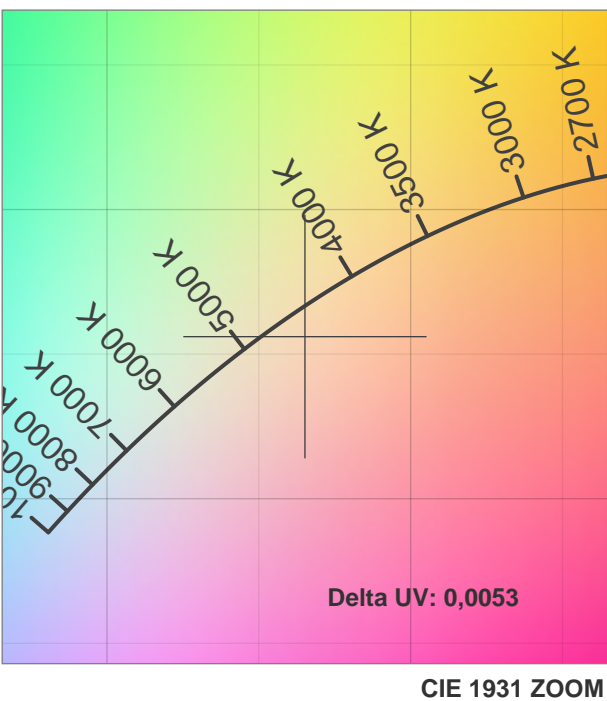
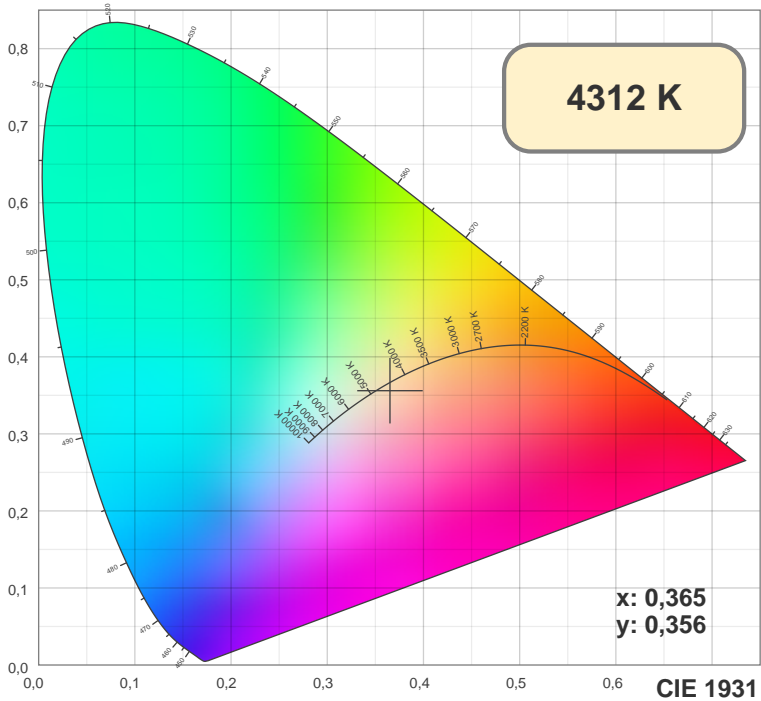
Напряжение: 222 V
Ток: 0,291 A



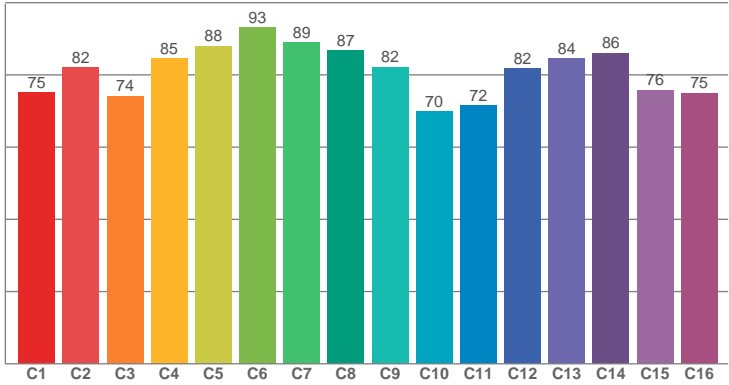
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Colormetrics

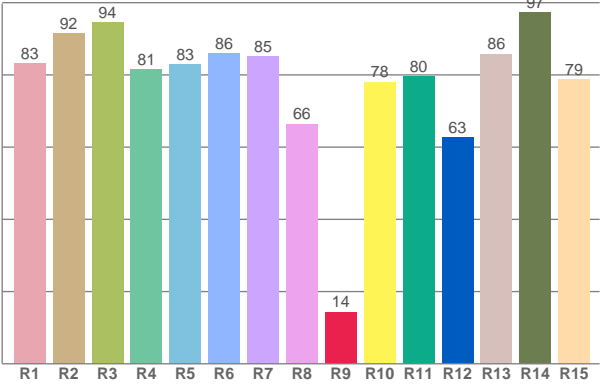
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TM30: 80,9



CRI: 83,9 (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
83,24	91,52	94,46	81,45	82,86	85,93	85,11	66,42	14,40	78,02	79,50	62,73	85,79	97,39	78,70

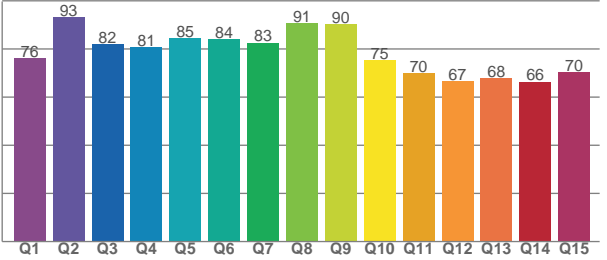
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
75,12	82,16	74,16	84,51	88,00	93,16	88,97	86,86	82,20	69,80	71,59	81,81	84,46	86,08	75,85	75,03

CQS Q values

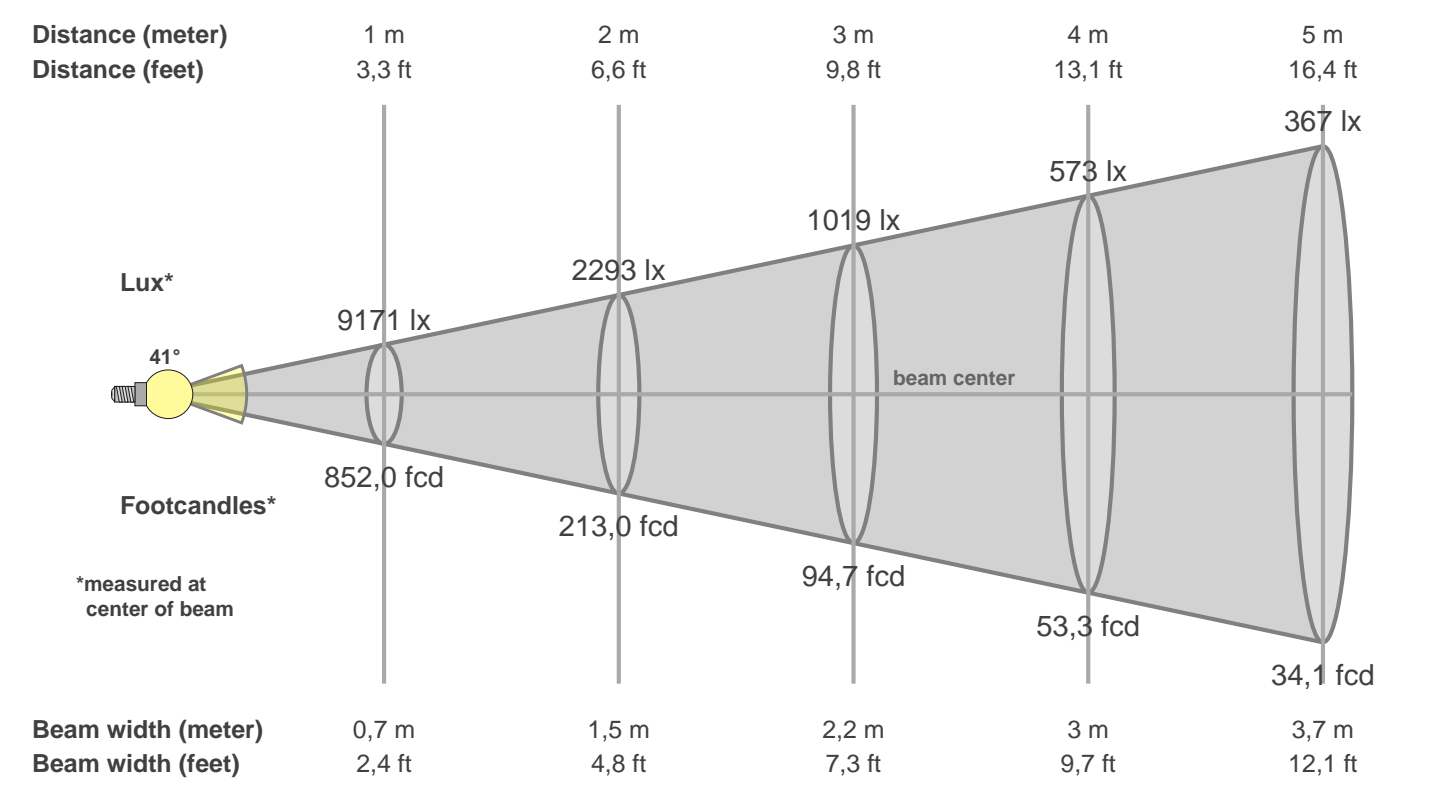
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
76,18	93,34	81,93	80,64	84,53	84,23	82,61	90,89	90,39	75,21	69,85	66,59	67,90	66,44	70,35

CQS: 77,0



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4312 K	83,9	14,4	80,9	95,3	77,0	0,4	0,4	0,2	0,3	0,0053



Intensities in 0° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
9171	9077	8941	8500	8058	7475	6808	6141	5465	4789	4189	3630	3096	2687	2279	1972	1714	1475	1328	1180
100%	99%	97%	93%	88%	82%	74%	67%	60%	52%	46%	40%	34%	29%	25%	21%	19%	16%	14%	13%

Intensities in 90° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
9171	9293	9416	9338	9167	8906	8254	7602	6870	6104	5365	4732	4099	3618	3199	2816	2563	2310	2108	1926
100%	101%	103%	102%	100%	97%	90%	83%	75%	67%	58%	52%	45%	39%	35%	31%	28%	25%	23%	21%

Intensities in 180° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
9171	9113	8816	8518	7968	7387	6769	6096	5422	4779	4140	3557	3053	2549	2205	1874	1604	1414	1224	1123
100%	99%	96%	93%	87%	81%	74%	66%	59%	52%	45%	39%	33%	28%	24%	20%	17%	15%	13%	12%

Intensities in 270° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
9171	9021	8864	8672	8409	8146	7693	7206	6653	5983	5312	4732	4166	3661	3261	2861	2582	2319	2077	1867
100%	98%	97%	95%	92%	89%	84%	79%	73%	65%	58%	52%	45%	40%	36%	31%	28%	25%	23%	20%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
40,5°	99,0°	151,6°	86,5%	72,5%