

СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

Эффективность света:

131 Lumen/Watt

Качество света:

CRI: 82,8

Цветовая температура:

4192 K

Поток: 25715 lm

Интенс.: 8850 cd

Мощн.: 196 W

КПД: 0,98



Название продукта:

СС

M1-Y-E-192-400.200.130-4-0-67

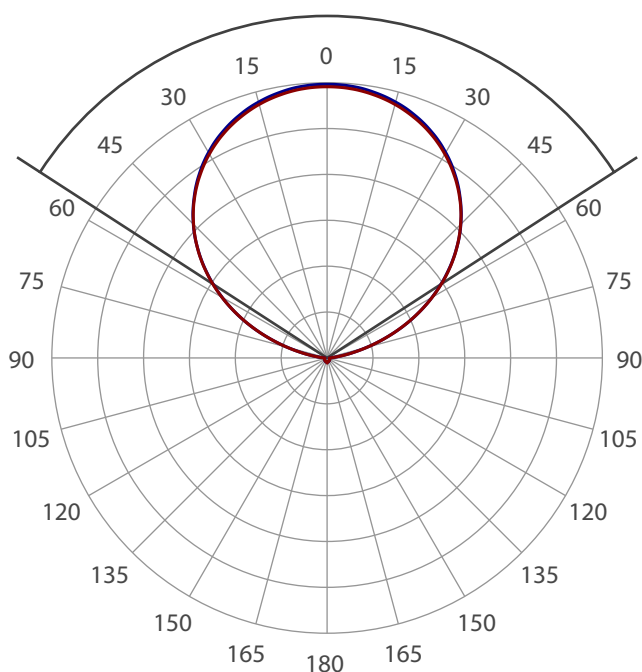
Дата и время:

13.04.2017 12:23:43

Угол пучка

114,2°

4 PLANES



Цвет

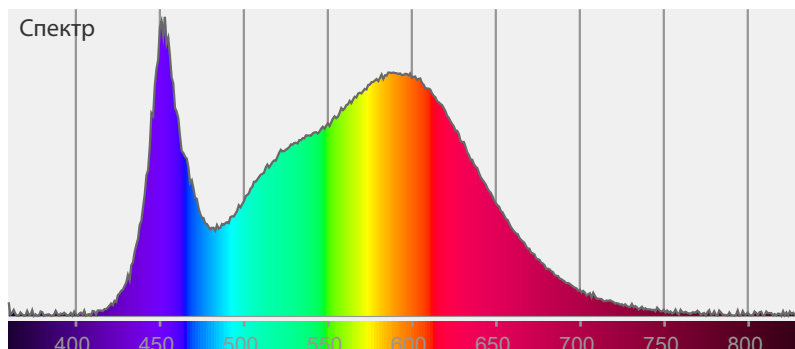


CIE1931

x: 0,372

y: 0,369

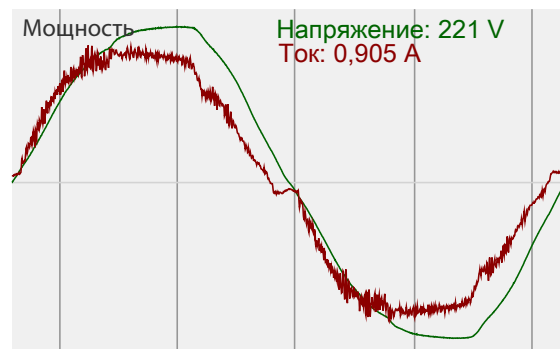
Спектр



Мощность

Напряжение: 221 V

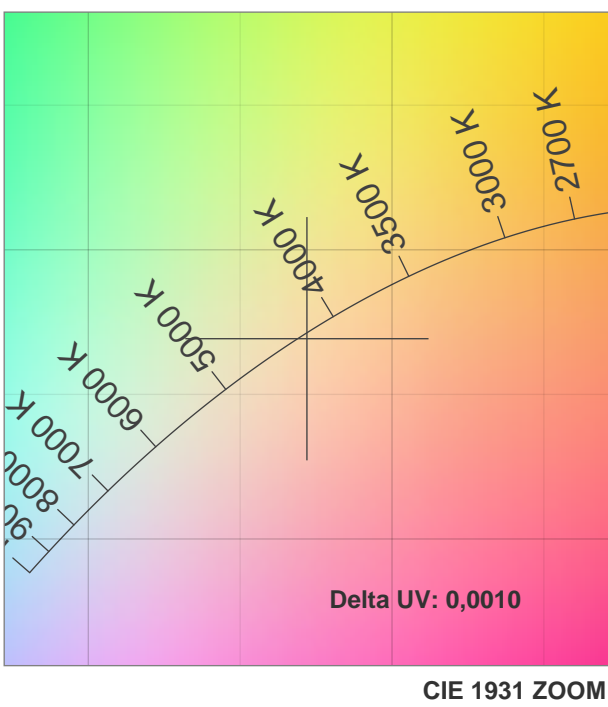
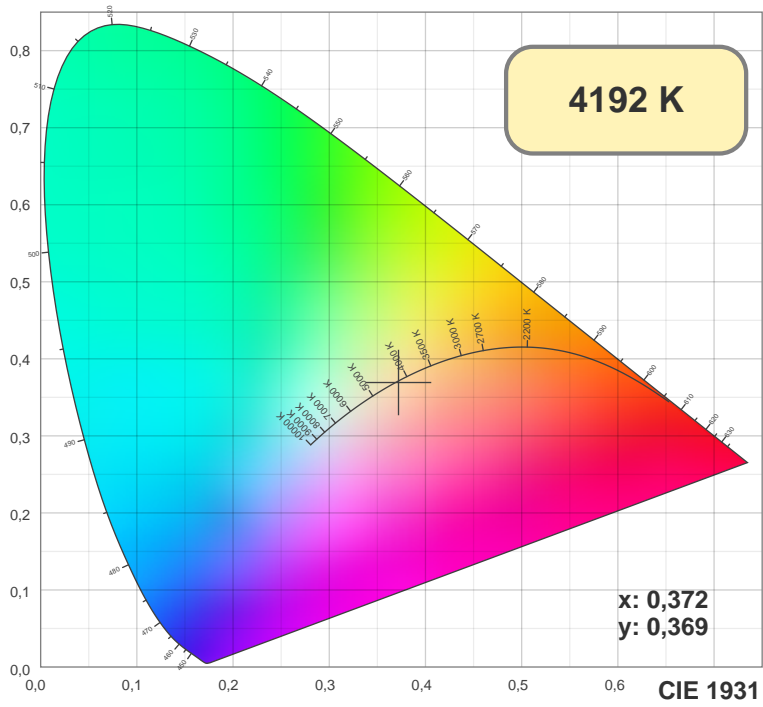
Ток: 0,905 A



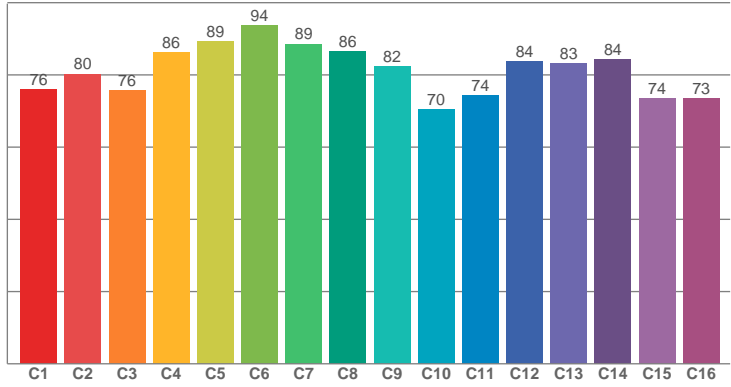
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Colormetrics

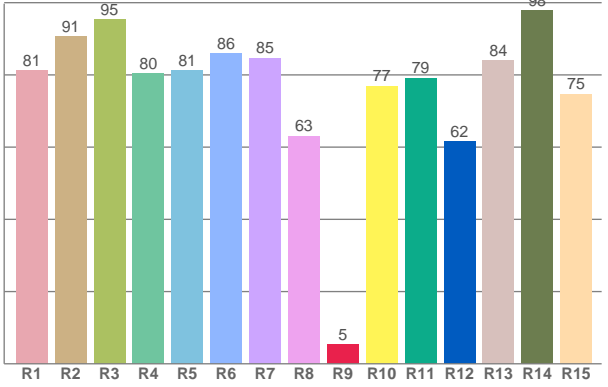
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TM30: 81,2



CRI: 82,8 (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
81,31	90,61	95,32	80,50	81,23	85,98	84,73	63,11	5,28	76,97	79,13	61,58	83,99	97,95	74,71

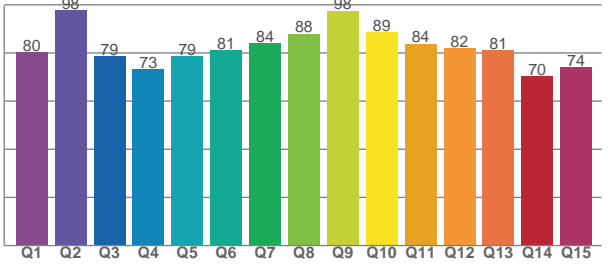
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
76,03	80,27	75,80	86,29	89,24	93,61	88,60	86,48	82,31	70,50	74,35	83,82	83,26	84,31	73,57	73,42

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
80,33	97,93	78,66	73,36	78,54	81,14	84,11	87,99	97,59	88,67	83,87	81,86	81,29	70,29	74,07

CQS: 81,0



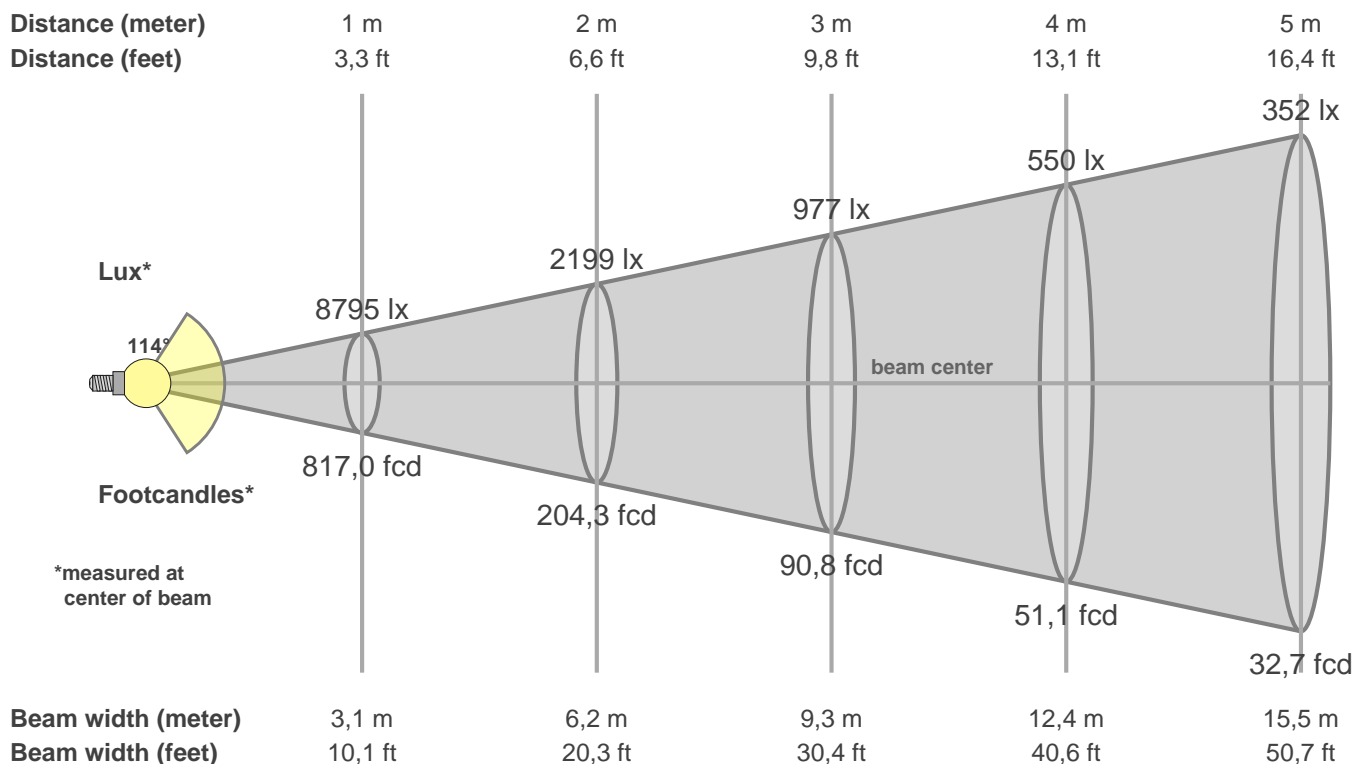
Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4192 K	82,8	5,3	81,2	94,1	81,0	0,4	0,4	0,2	0,3	0,0010

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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°
8795	8744	8647	8489	8265	7977	7616	7184	6685	6109	5458	4730	3930	3076	2197	1349	640	220	85	75
100%	99%	98%	97%	94%	91%	87%	82%	76%	69%	62%	54%	45%	35%	25%	15%	7%	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°
8795	8824	8727	8568	8341	8044	7673	7225	6703	6118	5452	4714	3920	3081	2195	1338	635	221	87	76
100%	100%	99%	97%	95%	91%	87%	82%	76%	70%	62%	54%	45%	35%	25%	15%	7%	3%	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°
8795	8744	8647	8489	8265	7977	7616	7184	6685	6109	5458	4730	3930	3076	2197	1349	640	220	85	75
100%	99%	98%	97%	94%	91%	87%	82%	76%	69%	62%	54%	45%	35%	25%	15%	7%	2%	1%	1%

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°
8795	8824	8727	8568	8341	8044	7673	7225	6703	6118	5452	4714	3920	3081	2195	1338	635	221	87	76
100%	100%	99%	97%	95%	91%	87%	82%	76%	70%	62%	54%	45%	35%	25%	15%	7%	3%	1%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
114,2°	156,2°	170,1°	79,1%	53,7%