

СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

Эффективность света:

112 Lumen/Watt

Качество света:

CRI: 84,8

Цветовая температура:

4187 K

Поток: 4508 lm

Интенс.: 1405 cd

Мощн.: 40,1 W

КПД: 0,92



Название продукта:

СС

04-У-М-42-1500.130.15-4-0-65

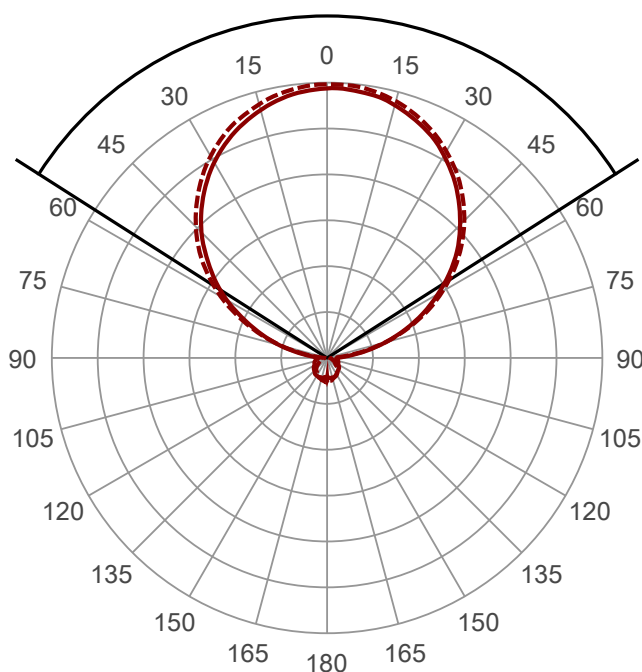
Дата и время:

28.11.2016 14:41:30

Угол пучка

115°

(4 PLANES)
8 C-Planes



Цвет

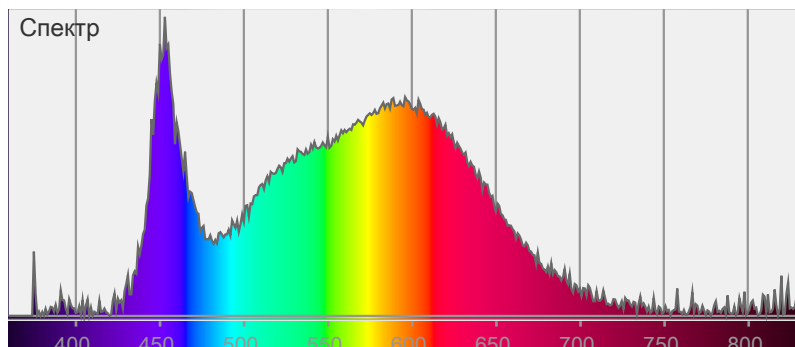


CIE1931

x: 0,372

y: 0,370

Спектр



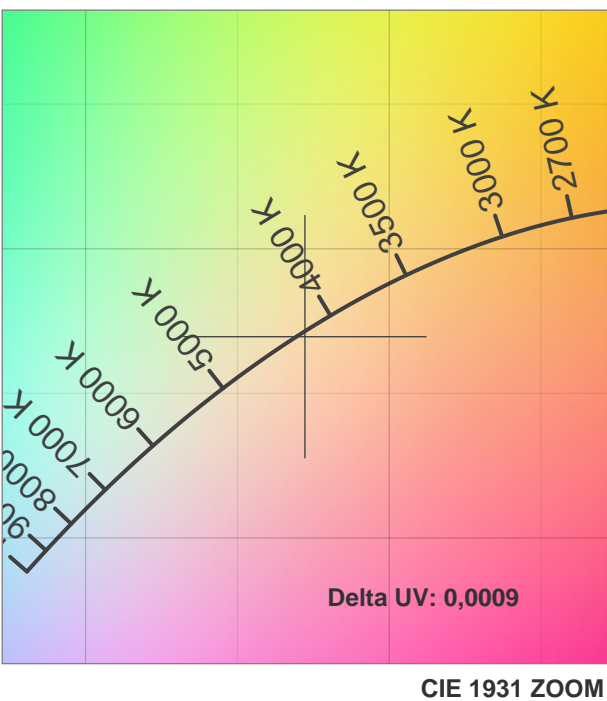
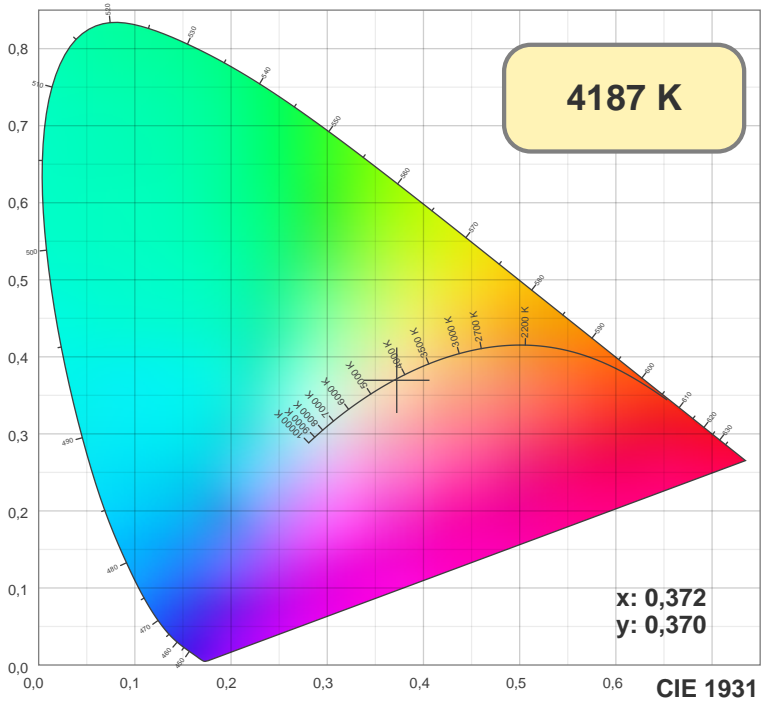
Мощность

Напряжение: 220 V

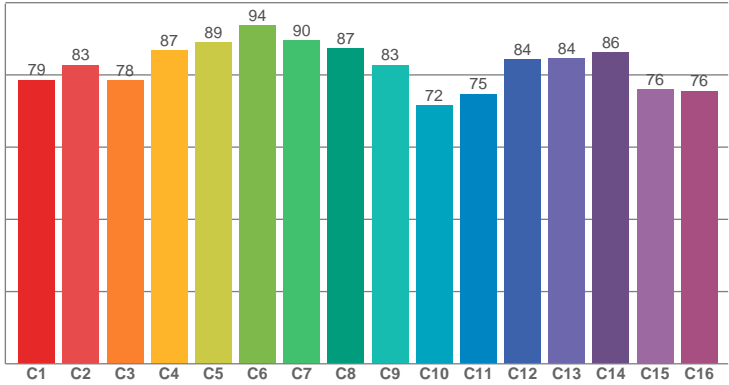
Ток: 0,199 A



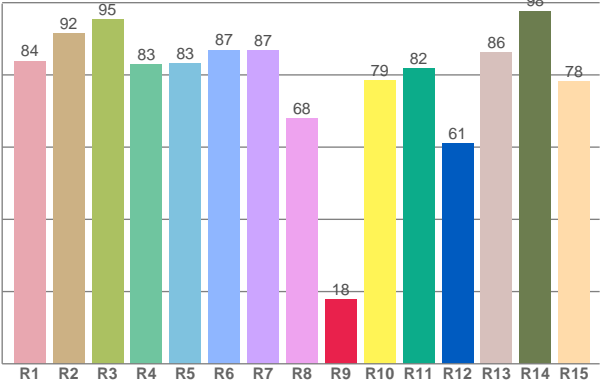
СЕВЕРО-ЗАПАДНАЯ
СВЕТОТЕХНИЧЕСКАЯ
ЛАБОРАТОРИЯ



TM30: 82,4



CRI: 84,8 (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
83,87	91,52	95,37	82,98	83,26	86,91	86,72	67,95	17,81	78,53	81,86	60,94	86,20	97,74	78,14

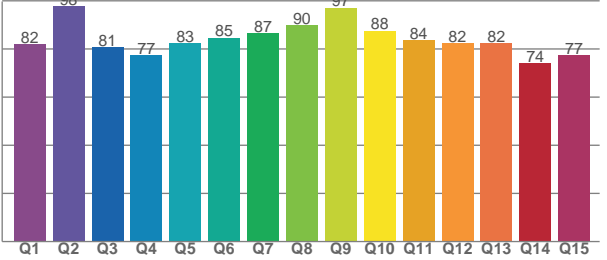
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
78,63	82,74	78,47	86,80	89,08	93,71	89,54	87,40	82,76	71,52	74,70	84,37	84,49	86,31	75,91	75,60

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
82,03	97,82	80,67	77,31	82,50	84,68	86,73	90,04	97,18	87,59	83,83	82,41	82,37	74,19	77,28

CQS: 83,2



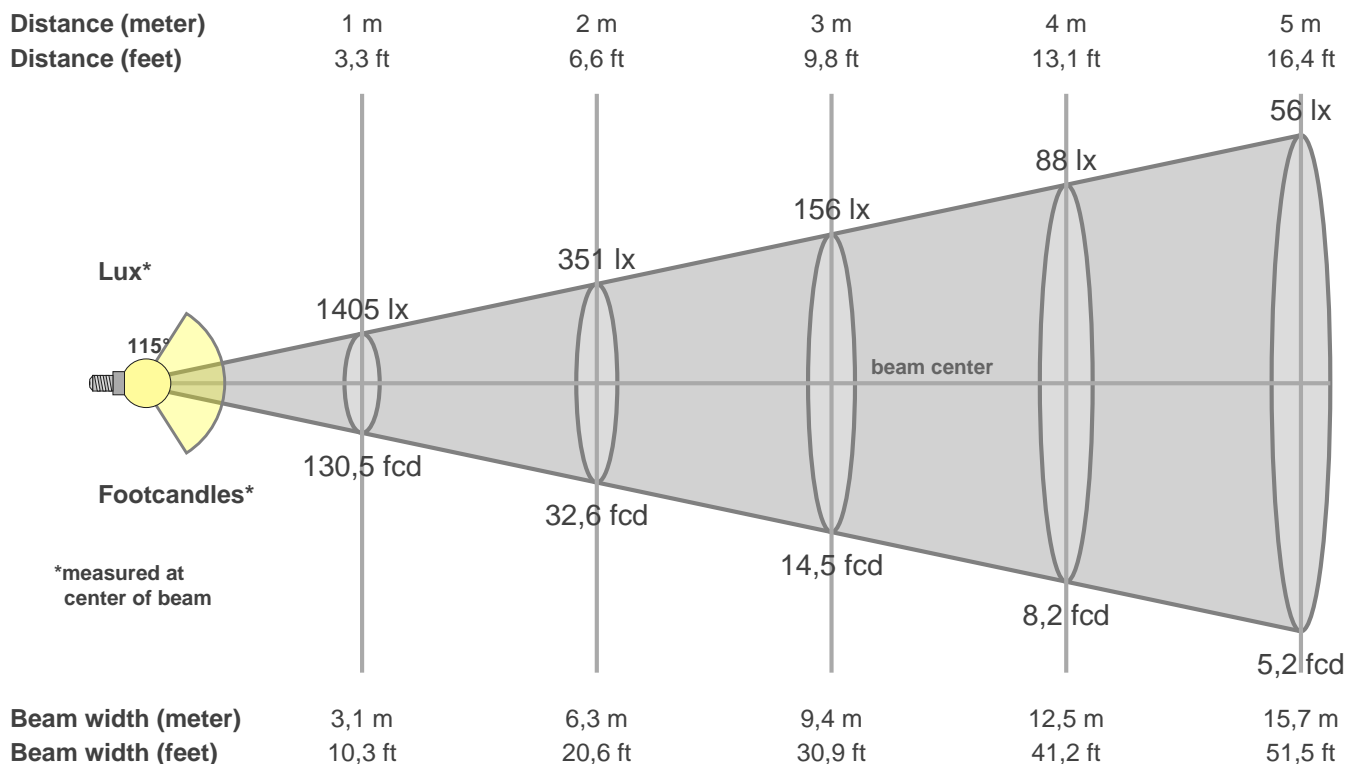
Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4187 K	84,8	17,8	82,4	95,0	83,2	0,4	0,4	0,2	0,3	0,0009

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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°
1405	1394	1372	1337	1294	1240	1176	1101	1018	925	821	716	604	481	366	258	150	71	47	54
100%	99%	98%	95%	92%	88%	84%	78%	72%	66%	58%	51%	43%	34%	26%	18%	11%	5%	3%	4%

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°
1405	1397	1378	1348	1308	1258	1196	1123	1041	953	856	747	630	503	375	247	127	42	16	19
100%	99%	98%	96%	93%	90%	85%	80%	74%	68%	61%	53%	45%	36%	27%	18%	9%	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°
1405	1402	1390	1364	1326	1280	1219	1148	1068	981	888	783	669	554	434	315	202	106	54	50
100%	100%	99%	97%	94%	91%	87%	82%	76%	70%	63%	56%	48%	39%	31%	22%	14%	8%	4%	4%

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°
1405	1403	1390	1364	1328	1282	1225	1160	1082	996	902	798	685	567	438	311	186	82	28	19
100%	100%	99%	97%	95%	91%	87%	83%	77%	71%	64%	57%	49%	40%	31%	22%	13%	6%	2%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
115,0°	162,3°	360,0°	70,8%	47,8%