

СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

Эффективность света:

119 Lumen/Watt

Качество света:

CRI: 86,2

Цветовая температура:

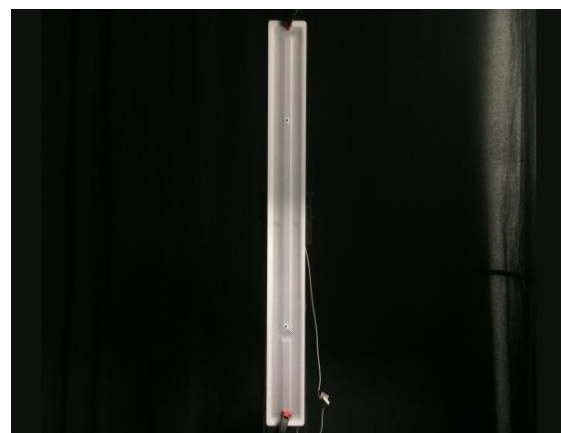
4397 K

Поток: 4599 lm

Интенс.: 2096 cd

Мощн.: 38,7 W

КПД: 0,93



Название продукта:

СС

03-Y-A-42-1190.130.15-4-0-65

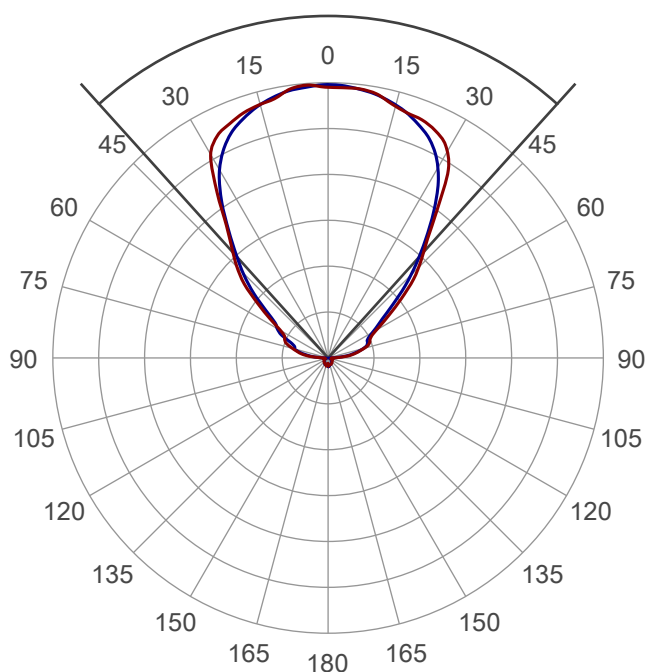
Дата и время:

17.04.2017 14:46:23

Угол пучка

84,1°

4 PLANES



Цвет

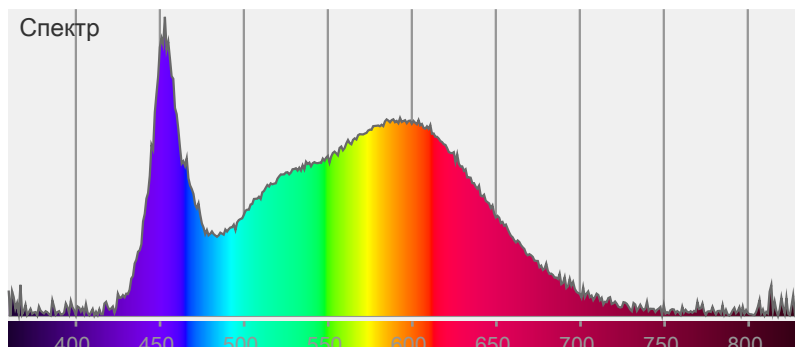


CIE1931

x: 0,363

y: 0,359

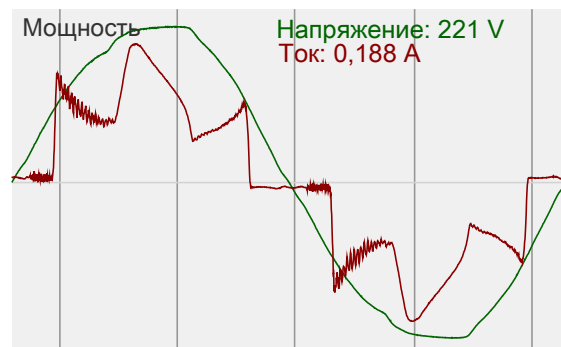
Спектр



Мощность

Напряжение: 221 V

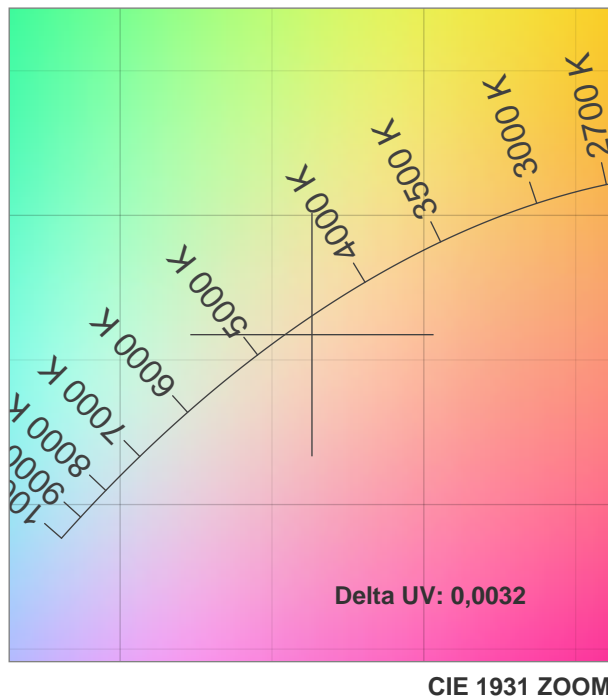
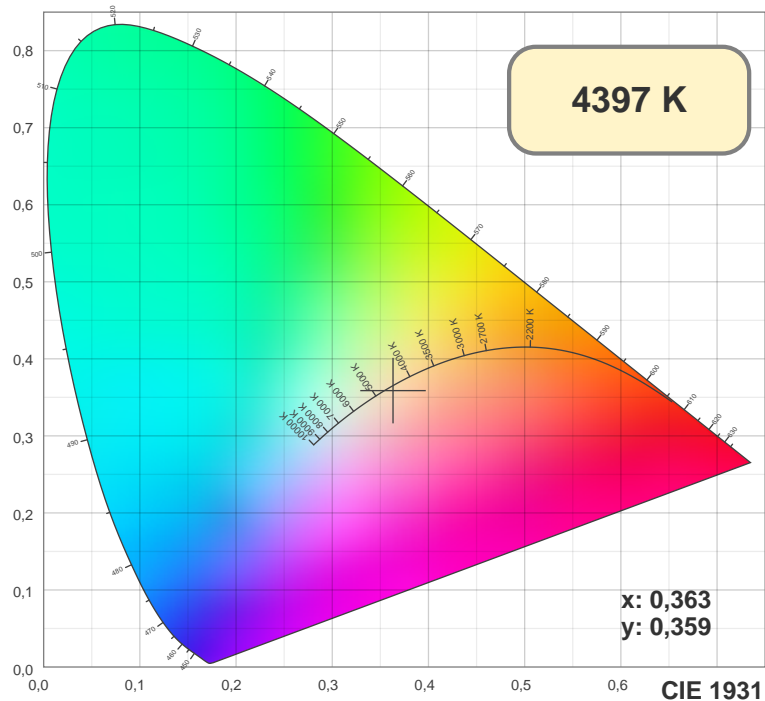
Ток: 0,188 A



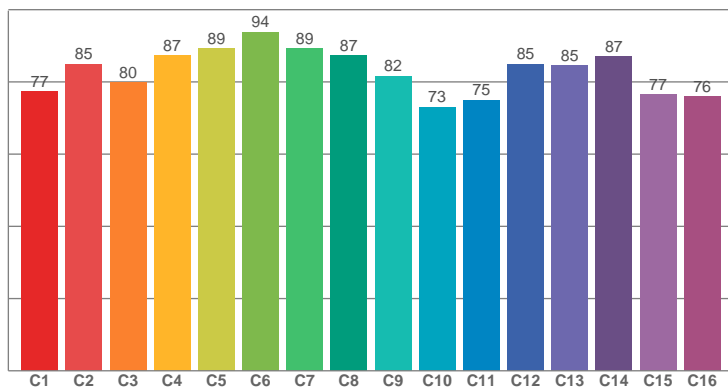
СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

Colormetrics

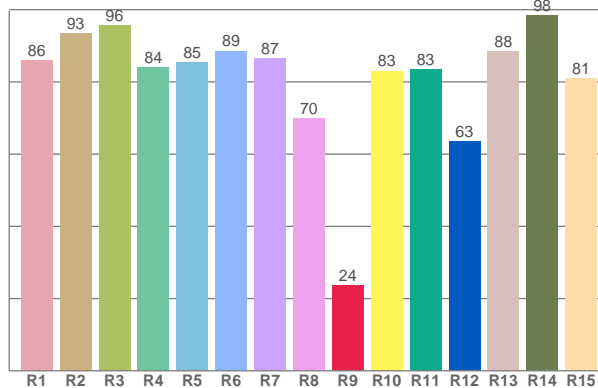
2 of 3



TM30: 82,8



CRI: 86,2 (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
85,87	93,49	95,65	84,01	85,32	88,57	86,53	69,81	23,59	83,02	83,37	63,43	88,47	98,35	80,98

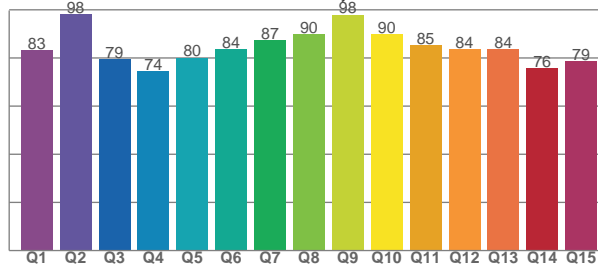
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
77,39	84,98	79,80	87,39	89,30	93,81	89,25	87,27	81,67	73,04	74,98	84,96	84,61	87,04	76,53	76,05

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
83,19	98,14	79,48	74,43	80,12	83,52	87,24	89,85	97,99	89,92	85,45	83,74	83,62	75,64	78,60

CQS: 83,3



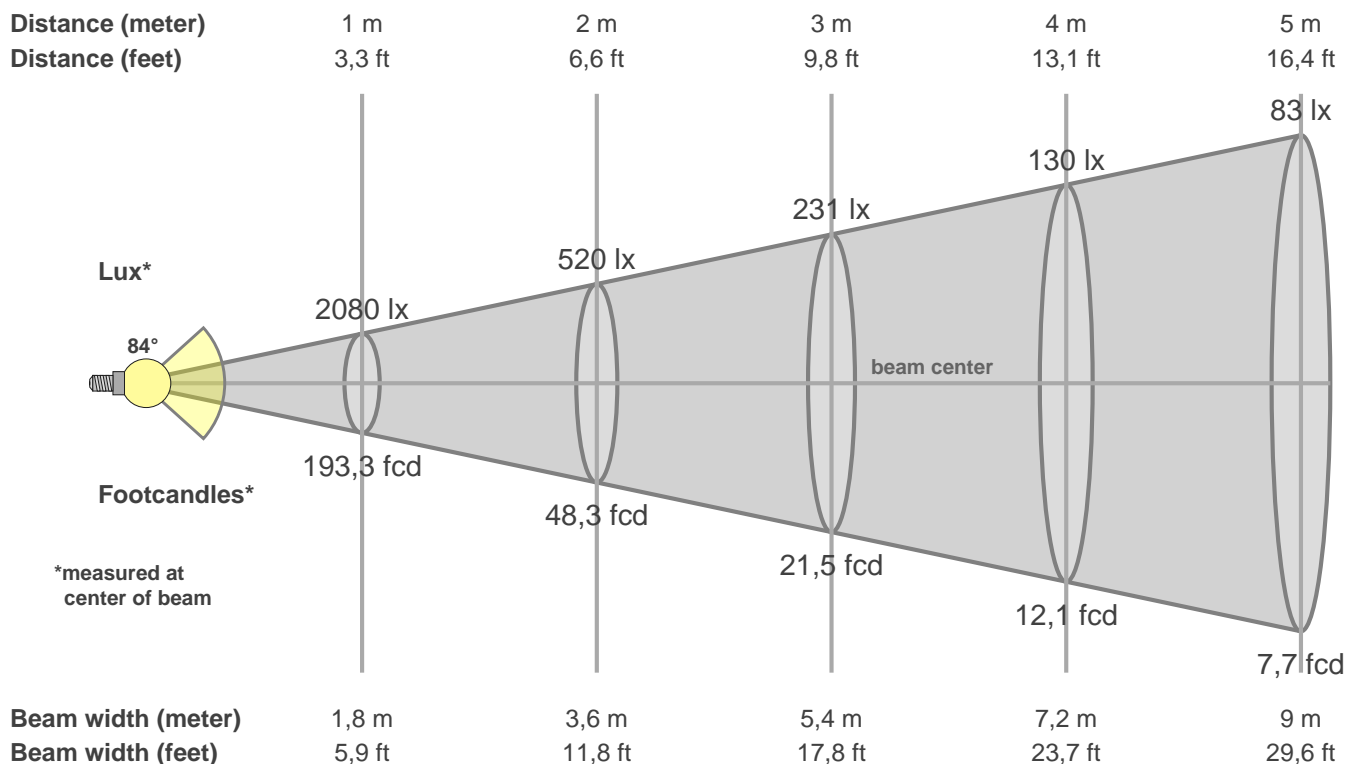
Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4397 K	86,2	23,6	82,8	95,2	83,3	0,4	0,4	0,2	0,3	0,0032

СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

Beam details

3 of 3



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°
2080	2093	2052	2011	1976	1920	1796	1449	1171	988	789	575	423	368	344	283	220	139	38	25
100%	101%	99%	97%	95%	92%	86%	70%	56%	48%	38%	28%	20%	18%	17%	14%	11%	7%	2%	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°
2080	2079	2056	2008	1936	1829	1660	1406	1140	922	713	529	451	370	284	264	202	118	29	16
100%	100%	99%	97%	93%	88%	80%	68%	55%	44%	34%	25%	22%	18%	14%	13%	10%	6%	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°
2080	2074	2059	1997	1965	1927	1816	1517	1182	980	768	568	432	361	336	286	217	136	46	32
100%	100%	99%	96%	94%	93%	87%	73%	57%	47%	37%	27%	21%	17%	16%	14%	10%	7%	2%	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°
2080	2080	2054	2005	1936	1843	1677	1428	1148	899	666	496	397	334	319	278	200	114	32	19
100%	100%	99%	96%	93%	89%	81%	69%	55%	43%	32%	24%	19%	16%	15%	13%	10%	5%	2%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
84,1°	155,1°	360,0°	80,1%	63,9%