

# СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

Эффективность света:

**117 Lumen/Watt**

Качество света:

**CRI: 84,8**

Цветовая температура:

**4124 K**

Поток: 4980 lm

Интенс.: 1551 cd

Мощн.: 42,7 W

КПД: 0,94



Название продукта:

**СС**

**02-У-М-42-590.590.15-4-0-65**

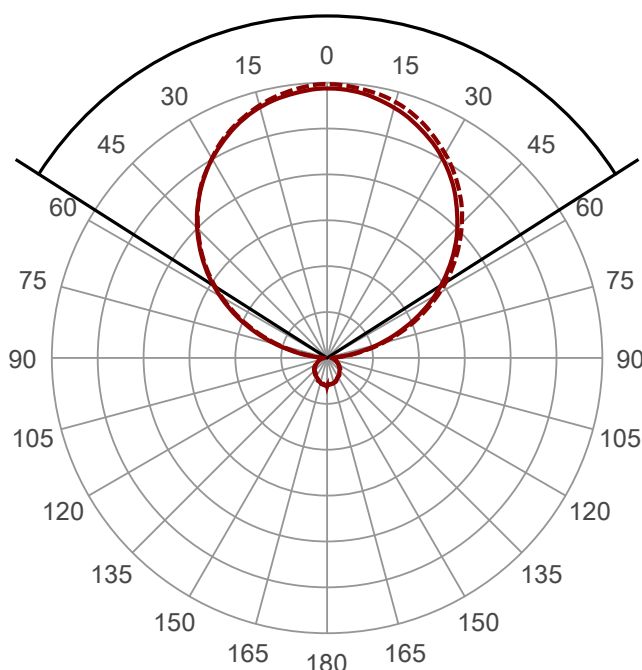
Дата и время:

**28.11.2016 10:30:25**

Угол пучка

**115°**

(4 PLANES)  
8 C-Planes

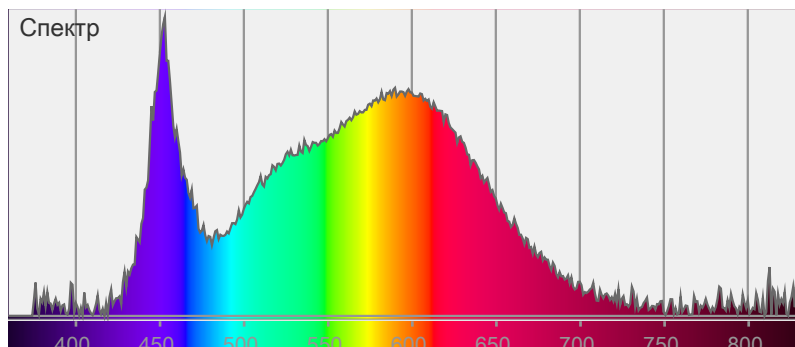


Цвет



CIE1931  
x: 0,374  
y: 0,369

Спектр



Мощность

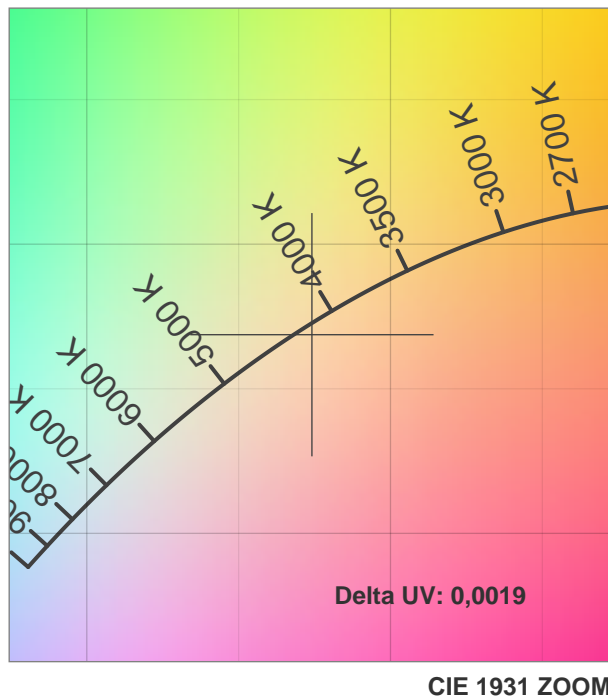
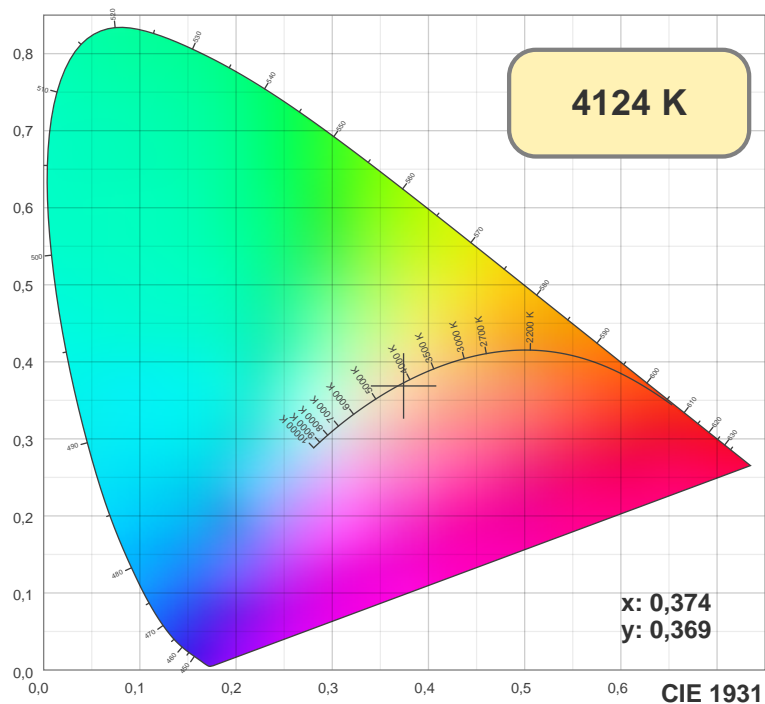
Напряжение: 218 V  
Ток: 0,209 A



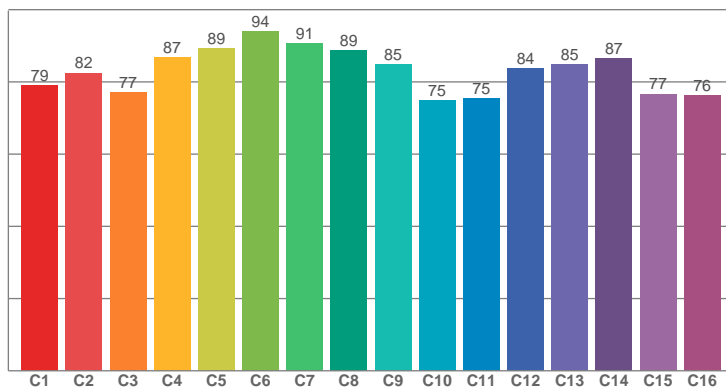
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## Colormetrics

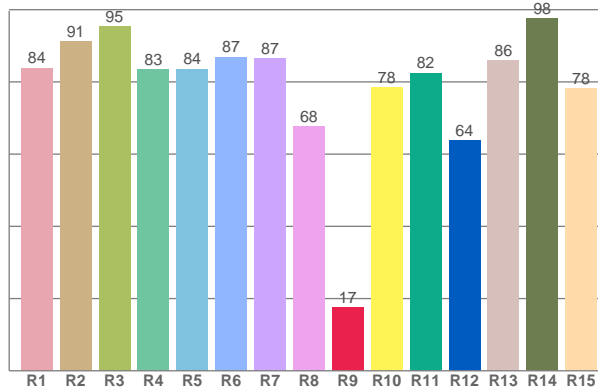
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TM30: 82,8



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	91,31	95,27	83,44	83,62	86,95	86,52	67,74	17,49	78,38	82,45	63,87	86,01	97,67	78,24

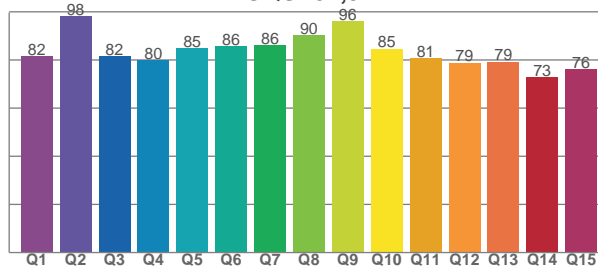
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
79,09	82,45	77,11	86,71	89,27	93,98	90,71	88,67	84,83	74,92	75,33	83,78	84,84	86,52	76,65	76,34

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
81,54	98,15	81,61	80,03	84,78	85,87	86,15	90,26	95,98	84,70	80,86	78,92	79,27	72,83	76,14

CQS: 82,5



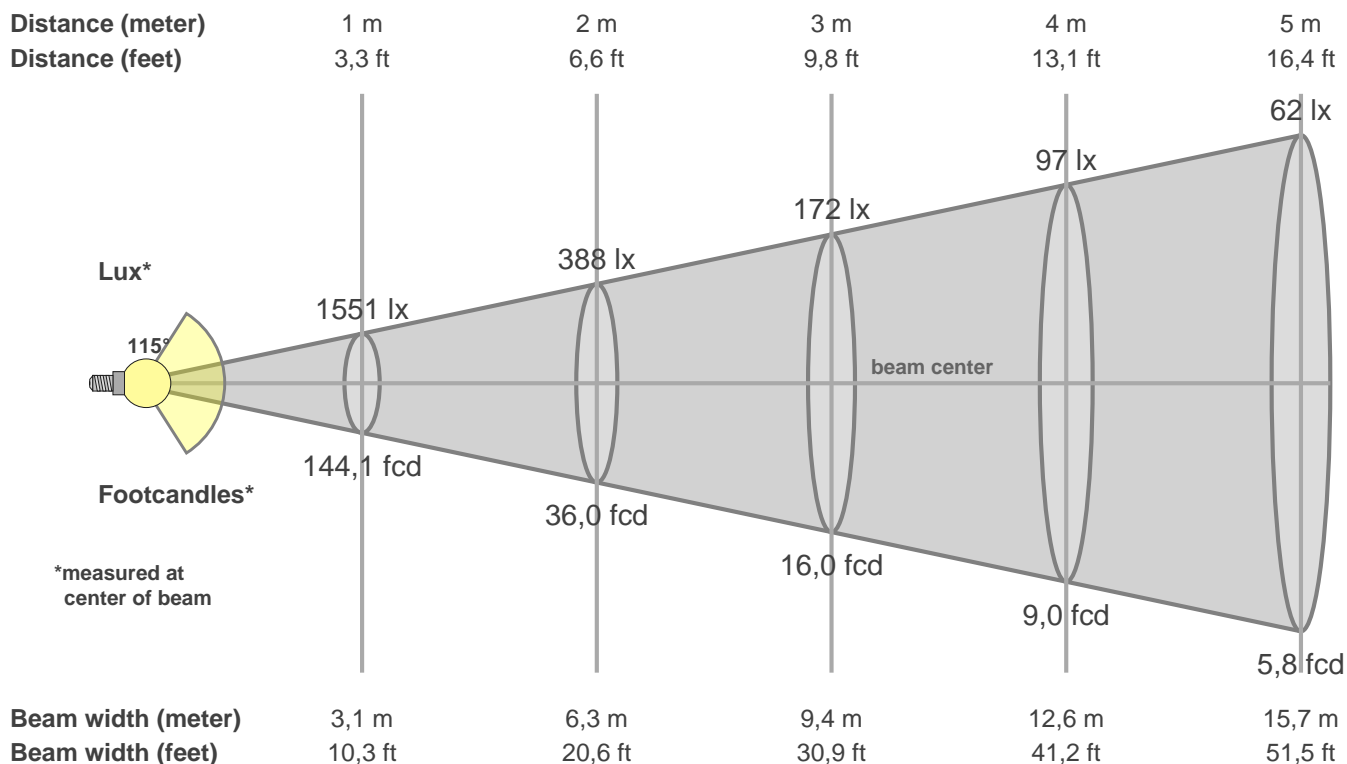
## Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4124 K	84,8	17,5	82,8	95,8	82,5	0,4	0,4	0,2	0,3	0,0019

# СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

## Beam details

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### Intensities in 0° c-plane

0°	9°	18°	27°	36°	45°	54°	63°	72°	81°	90°	99°	108°	117°	126°	135°	144°	153°	162°	171°
1551	1527	1468	1365	1228	1058	859	633	389	155	25	35	50	66	84	101	111	127	142	151
100%	98%	95%	88%	79%	68%	55%	41%	25%	10%	2%	2%	3%	4%	5%	7%	7%	8%	9%	10%

### Intensities in 90° c-plane

0°	9°	18°	27°	36°	45°	54°	63°	72°	81°	90°	99°	108°	117°	126°	135°	144°	153°	162°	171°
1551	1522	1455	1352	1214	1035	836	610	366	136	20	35	52	71	89	103	116	132	140	153
100%	98%	94%	87%	78%	67%	54%	39%	24%	9%	1%	2%	3%	5%	6%	7%	7%	8%	9%	10%

### Intensities in 180° c-plane

0°	9°	18°	27°	36°	45°	54°	63°	72°	81°	90°	99°	108°	117°	126°	135°	144°	153°	162°	171°
1551	1530	1467	1369	1232	1060	861	637	391	156	33	38	53	68	85	101	118	129	144	152
100%	99%	95%	88%	79%	68%	56%	41%	25%	10%	2%	2%	3%	4%	5%	7%	8%	8%	9%	10%

### Intensities in 270° c-plane

0°	9°	18°	27°	36°	45°	54°	63°	72°	81°	90°	99°	108°	117°	126°	135°	144°	153°	162°	171°
1551	1531	1478	1377	1247	1080	881	655	409	170	34	36	53	70	88	103	118	128	144	151
100%	99%	95%	89%	80%	70%	57%	42%	26%	11%	2%	2%	3%	5%	6%	7%	8%	8%	9%	10%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
115,0°	360,0°	360,0°	70,5%	47,6%