

# СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

Эффективность света:

**120 Lumen/Watt**

Качество света:

**CRI: 85,1**

Цветовая температура:

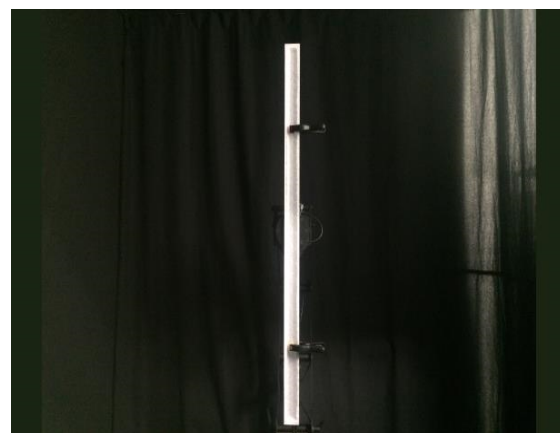
**4234 K**

Поток: 3289 lm

Интенс.: 1364 cd

Мощн.: 27,5 W

КПД: 0,92



Название продукта:

**СС 04-У-А-28-1500.65.15-4-0-65**

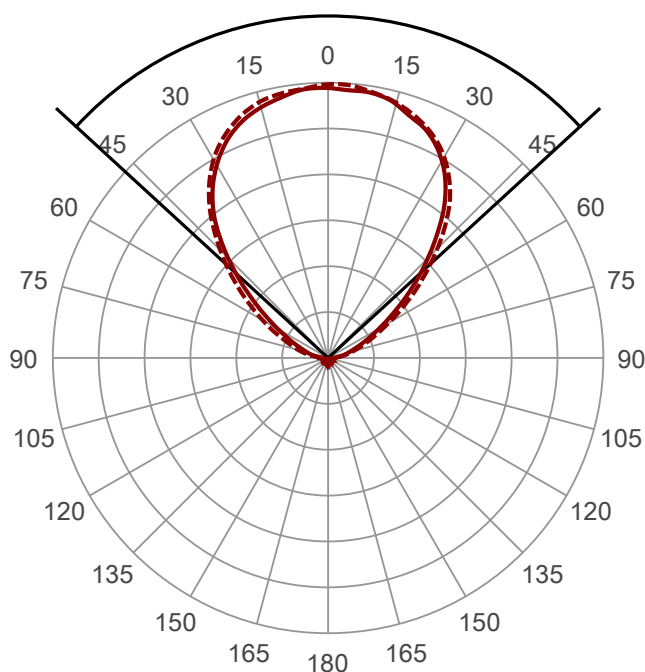
Дата и время:

**01.08.2016 16:15:52**

Угол пучка

**94,9°**

(4 PLANES)  
8 C-Planes

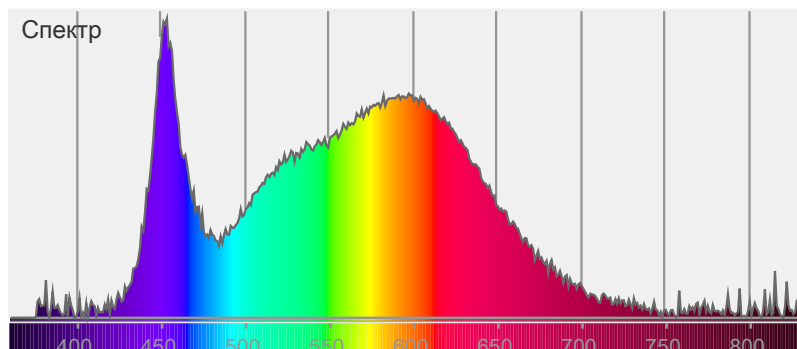


Цвет



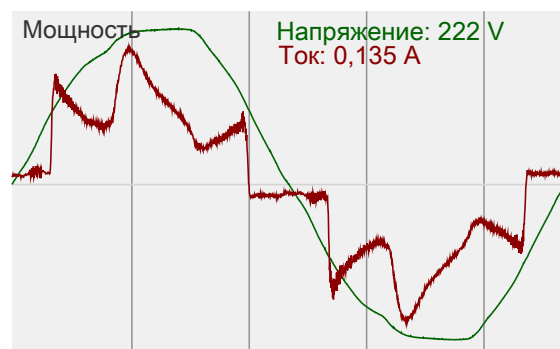
CIE1931  
x: 0,370  
y: 0,366

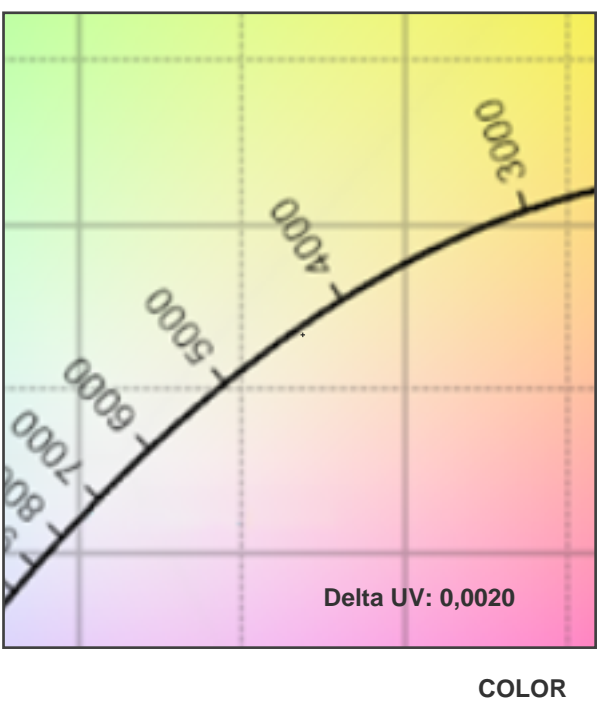
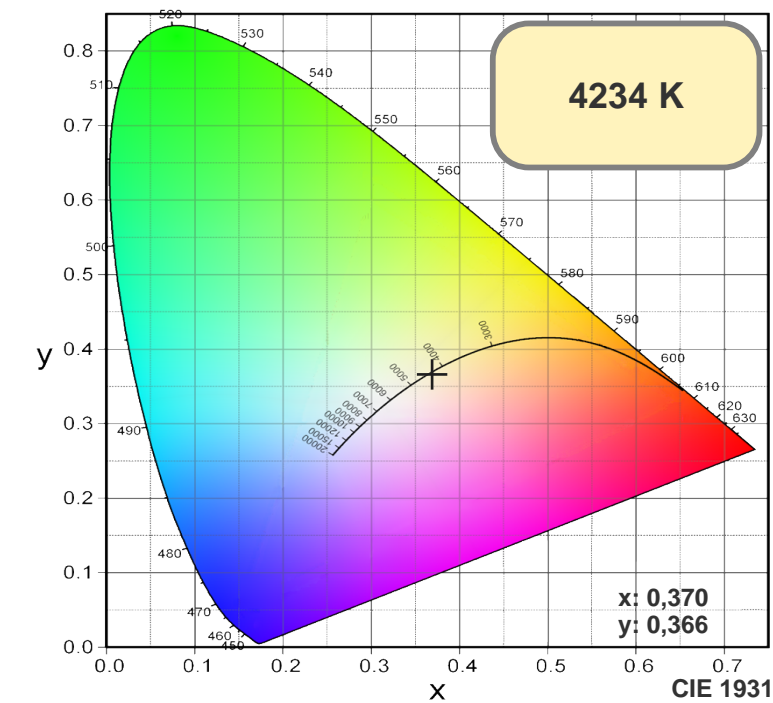
Спектр



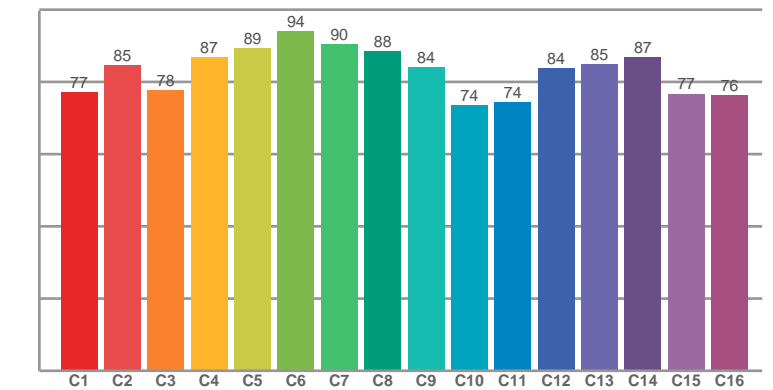
Мощность

Напряжение: 222 V  
Ток: 0,135 A

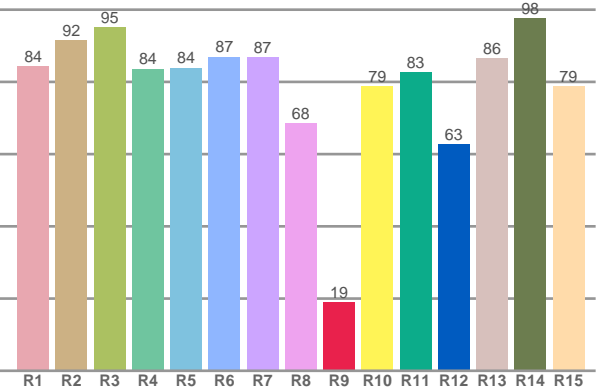




TM30: 82,7



CRI: 85,1 (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
84,23	91,54	95,18	83,62	83,87	86,95	86,78	68,48	18,87	78,77	82,68	62,73	86,42	97,65	78,82

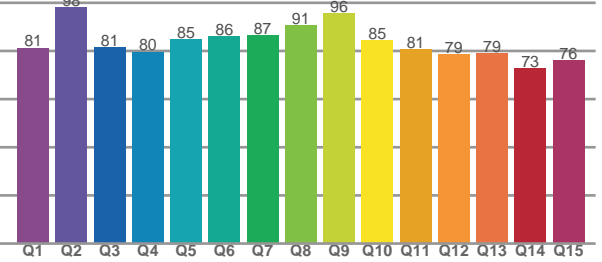
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
77,11	84,50	77,63	86,68	89,20	93,92	90,47	88,37	84,05	73,57	74,36	83,79	84,92	86,69	76,67	76,22

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
81,38	98,05	81,44	79,72	84,75	86,09	86,55	90,61	95,68	84,53	80,67	78,79	79,17	72,96	76,24

CQS: 82,5



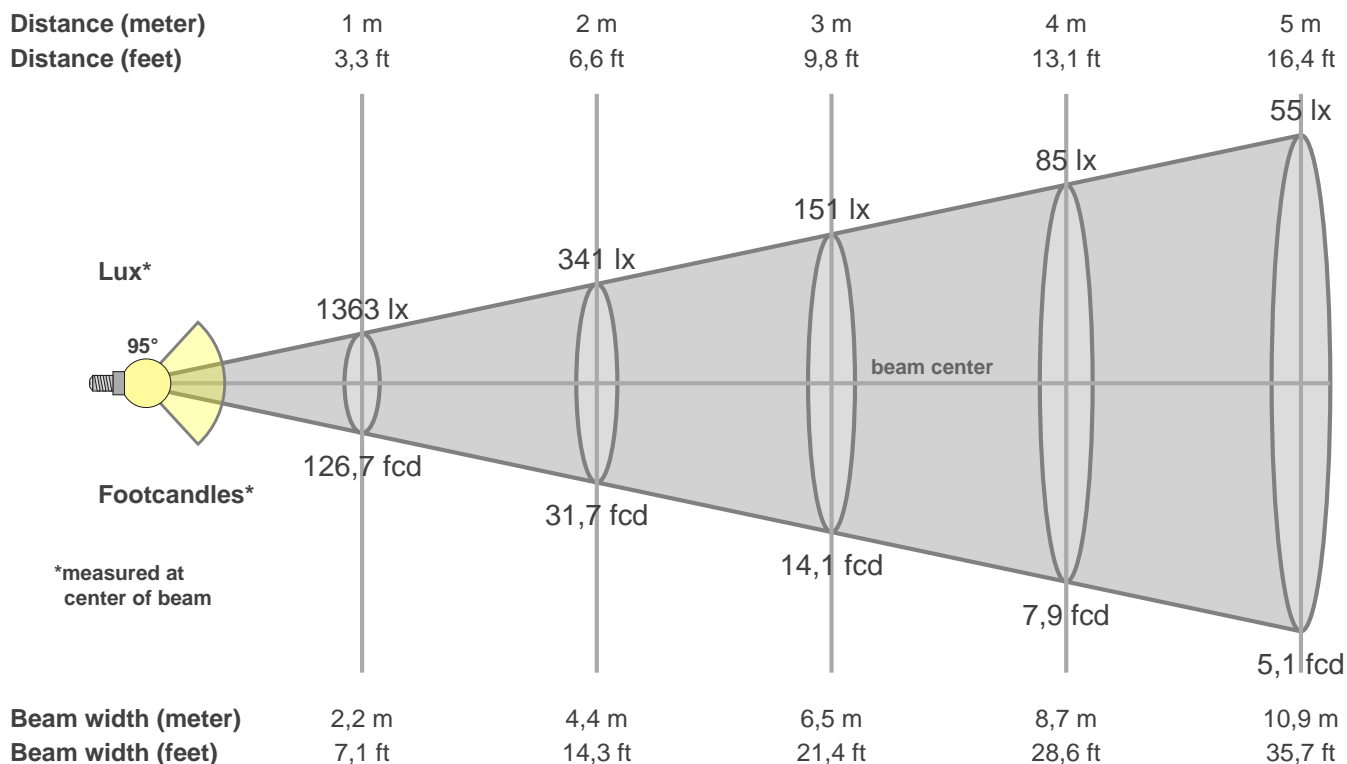
Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4234 K	85,1	18,9	82,7	95,7	82,5	0,4	0,4	0,2	0,3	0,0020

# СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

## 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°
1363	1362	1338	1311	1271	1210	1124	1017	880	716	554	411	296	212	151	110	79	50	31	29
100%	100%	98%	96%	93%	89%	82%	75%	65%	53%	41%	30%	22%	16%	11%	8%	6%	4%	2%	2%

### 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°
1363	1349	1339	1321	1281	1221	1140	1033	904	761	622	493	380	285	209	154	107	55	19	13
100%	99%	98%	97%	94%	90%	84%	76%	66%	56%	46%	36%	28%	21%	15%	11%	8%	4%	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°
1363	1357	1353	1326	1279	1228	1146	1031	880	715	558	417	302	216	152	109	79	55	27	30
100%	100%	99%	97%	94%	90%	84%	76%	65%	52%	41%	31%	22%	16%	11%	8%	6%	4%	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°
1363	1362	1341	1316	1278	1227	1154	1054	925	771	618	476	352	256	184	130	89	45	19	15
100%	100%	98%	97%	94%	90%	85%	77%	68%	57%	45%	35%	26%	19%	13%	10%	7%	3%	1%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
94,9°	148,3°	212,1°	81,5%	60,6%