

# СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

Эффективность света:

**122 Lumen/Watt**

Качество света:

**CRI: 82,0**

Цветовая температура:

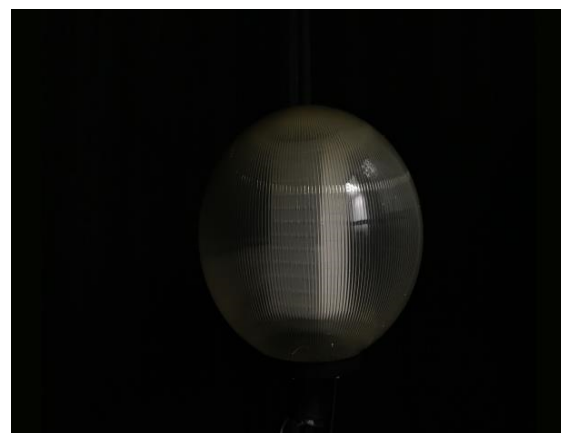
**3677 K**

Поток: 5498 lm

Интенс.: 703 cd

Мощн.: 45,0 W

КПД: 0,97



Название продукта:

**СС**

**07-K-PB-48-300.300.300-4-0-54**

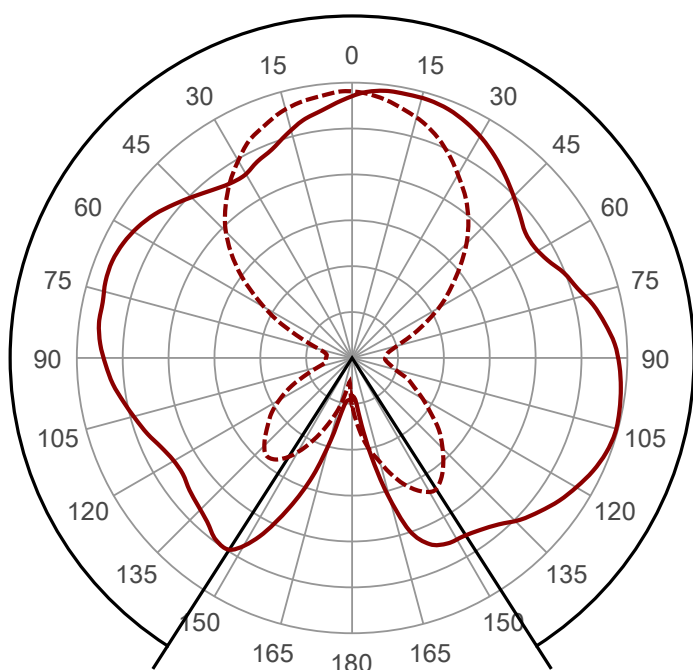
Дата и время:

**28.11.2016 16:15:28**

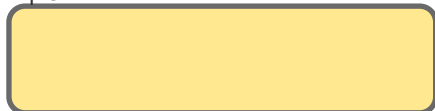
Угол пучка

**294,7°**

(4 PLANES)  
8 C-Planes



Цвет

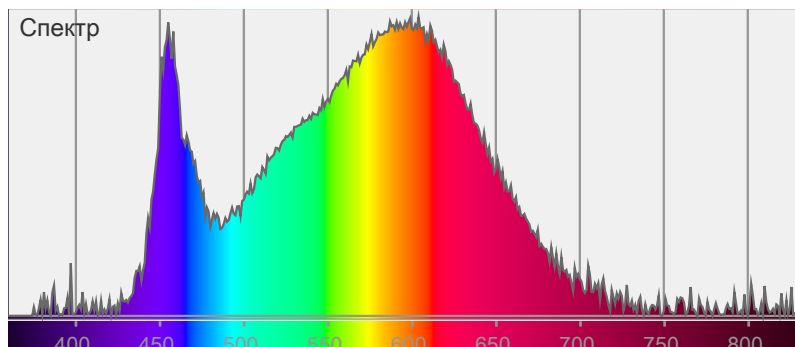


CIE1931

x: 0,397

y: 0,388

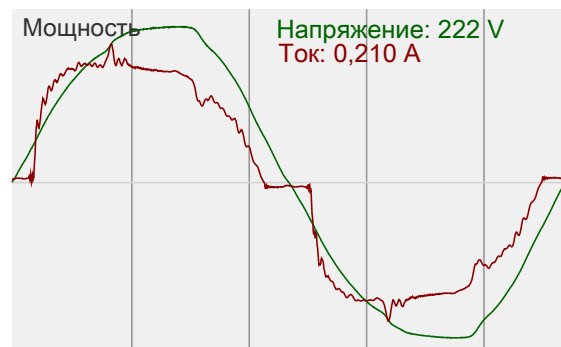
Спектр



Мощность

Напряжение: 222 V

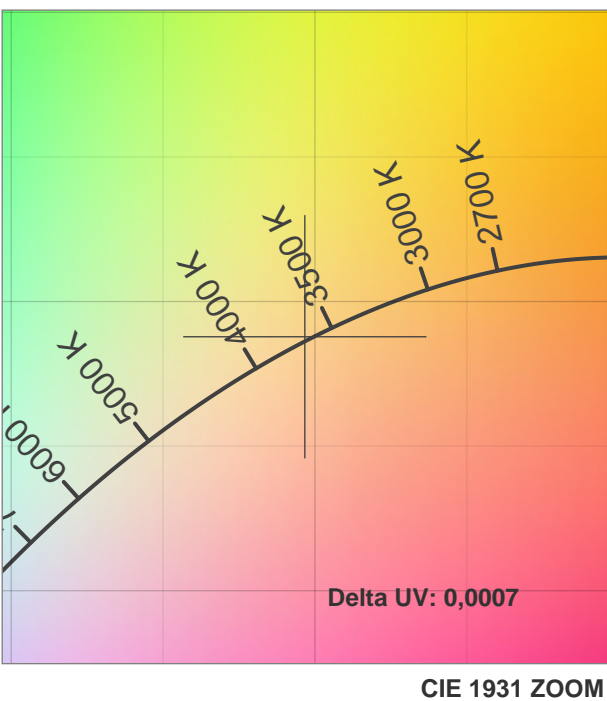
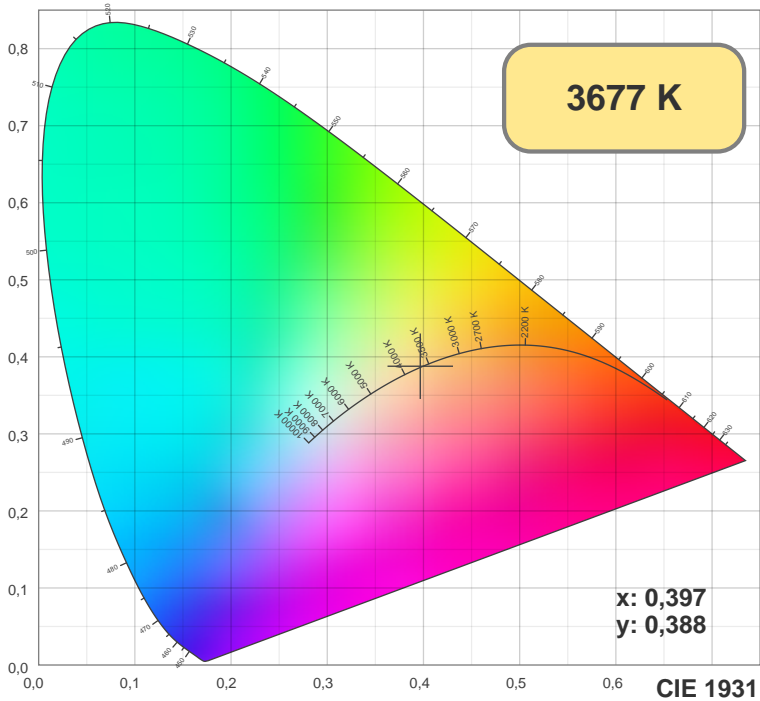
Ток: 0,210 A



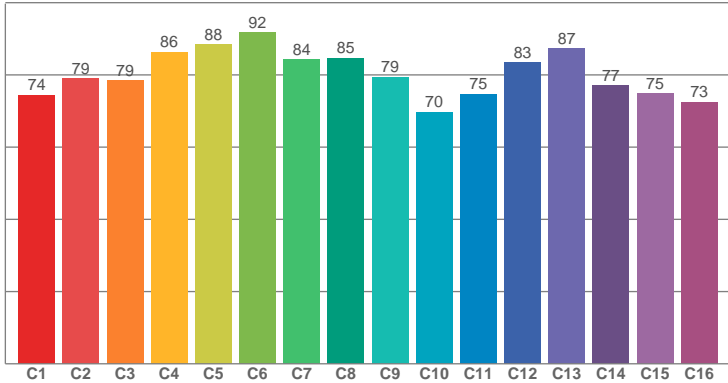
СЕВЕРО-ЗАПАДНАЯ  
СВЕТОТЕХНИЧЕСКАЯ  
ЛАБОРАТОРИЯ

Colormetrics

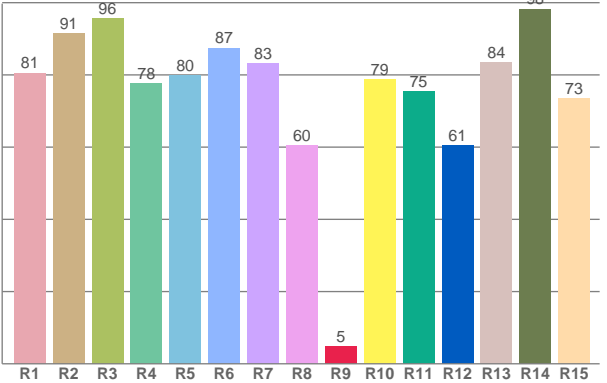
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TM30: 80,1



CRI: 82,0 (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
80,51	91,42	95,61	77,72	79,77	87,46	83,16	60,43	4,72	78,69	75,49	60,56	83,55	98,28	73,46

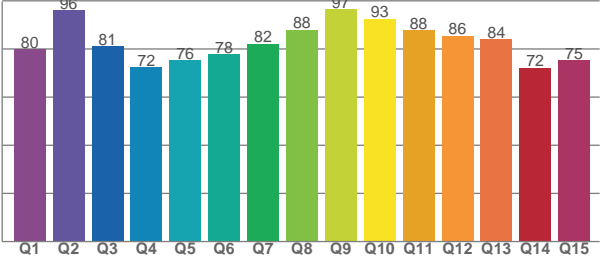
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
74,47	78,96	78,51	86,33	88,36	91,78	84,20	84,69	79,46	69,71	74,71	83,39	87,27	77,11	74,85	72,52

CQS Q values

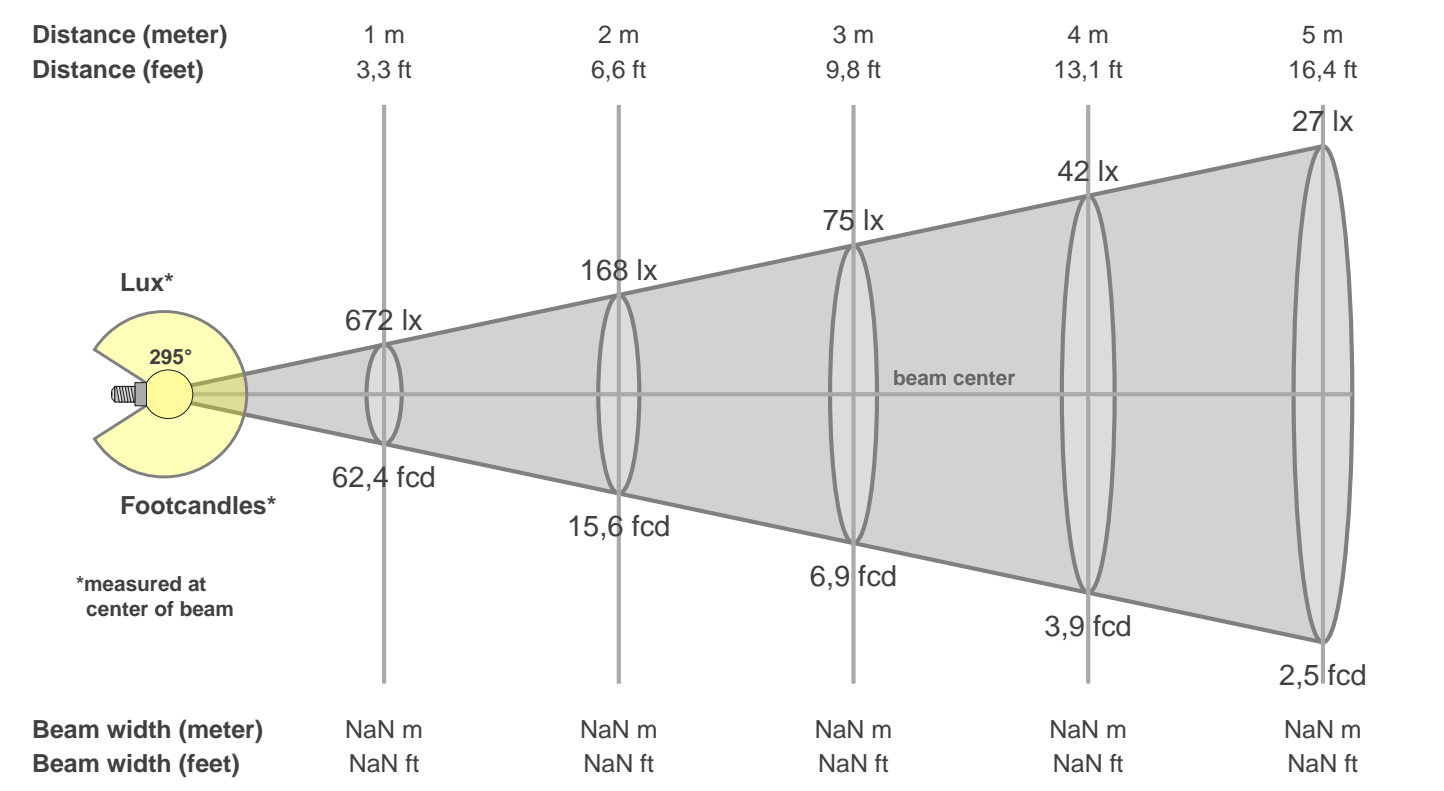
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
79,85	96,01	81,00	72,40	75,51	77,80	82,18	88,04	96,69	92,63	87,71	85,55	84,25	72,25	75,26

CQS: 81,5



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
3677 K	82,0	4,7	80,1	92,0	81,5	0,4	0,4	0,2	0,3	0,0007



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°
672	634	590	556	550	584	628	657	664	657	639	606	570	537	531	552	584	508	309	123
100%	94%	88%	83%	82%	87%	93%	98%	99%	98%	95%	90%	85%	80%	79%	82%	87%	76%	46%	18%

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°
672	663	639	596	531	451	341	217	109	67	66	69	109	187	257	312	315	247	161	78
100%	99%	95%	89%	79%	67%	51%	32%	16%	10%	10%	10%	16%	28%	38%	46%	47%	37%	24%	12%

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°
672	692	689	669	632	588	550	561	603	650	683	698	700	677	639	593	550	535	458	200
100%	103%	103%	99%	94%	87%	82%	83%	90%	97%	102%	104%	104%	101%	95%	88%	82%	80%	68%	30%

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°
672	651	615	557	490	409	313	221	138	95	85	95	131	185	252	323	380	377	304	218
100%	97%	91%	83%	73%	61%	47%	33%	21%	14%	13%	14%	20%	28%	37%	48%	57%	56%	45%	32%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
294,7°	360,0°	360,0°	30,5%	19,4%