

СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

Эффективность света:

125 Lumen/Watt

Качество света:

CRI: 82,6

Цветовая температура:

4237 K

Поток: 11756 lm

Интенс.: 8584 cd

Мощн.: 94,3 W

КПД: 0,95



Название продукта:

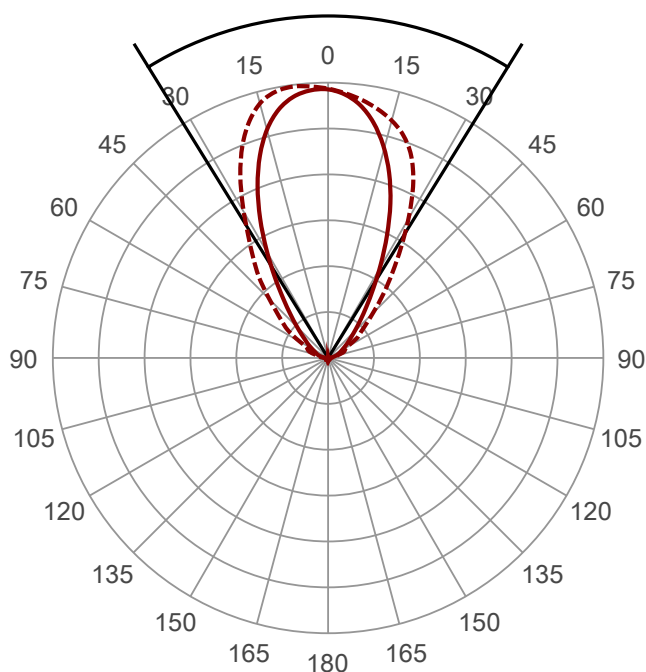
СС

M3-Y-H-96-250.300.130-4-0-67

Дата и время:

14.05.2016 14:56:58

Угол пучка **63,4°** (3 C-PLANES)

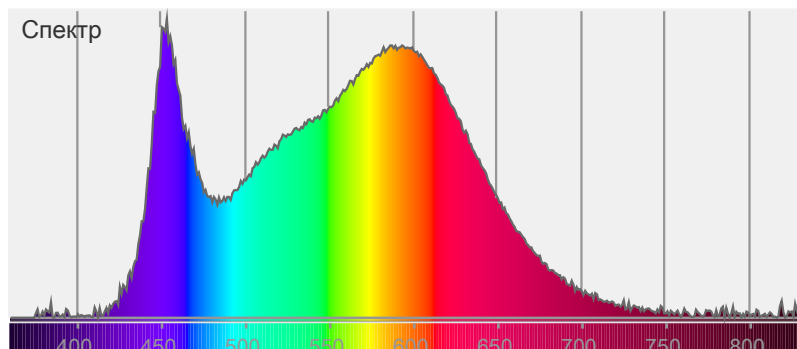


Цвет



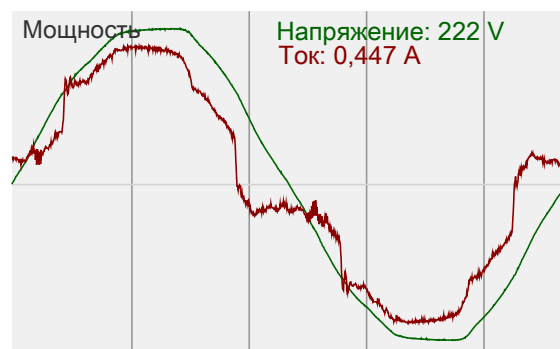
CIE1931
x: 0,371
y: 0,372

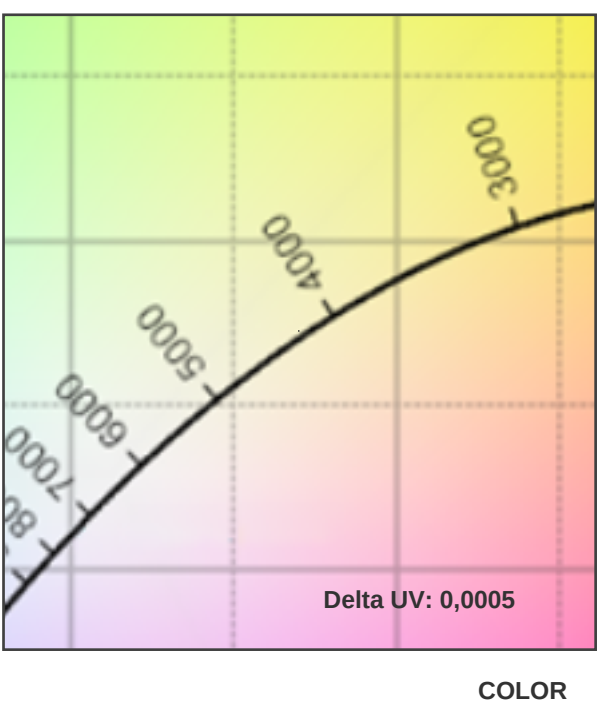
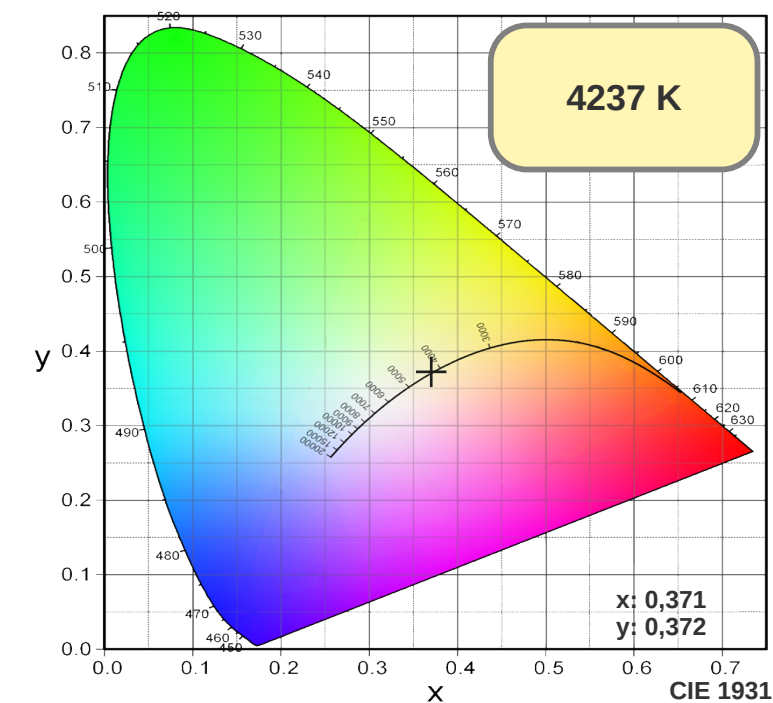
Спектр



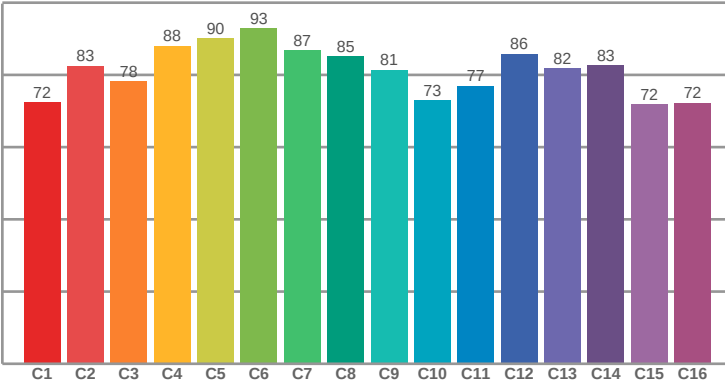
Мощность

Напряжение: 222 V
Ток: 0,447 A

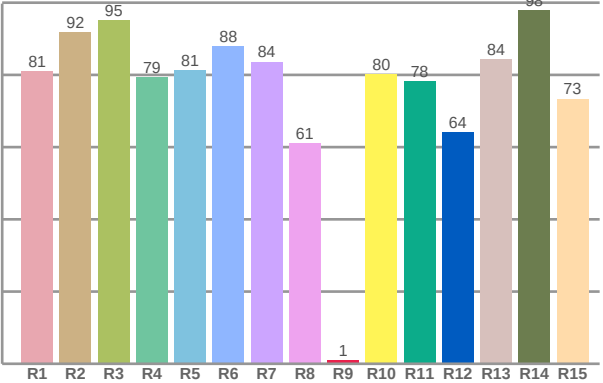




TM30: 81,4



CRI: 82,6 (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
80,97	91,74	95,12	79,34	81,16	87,81	83,59	61,03	0,90	80,03	78,24	64,09	84,20	97,85	73,38

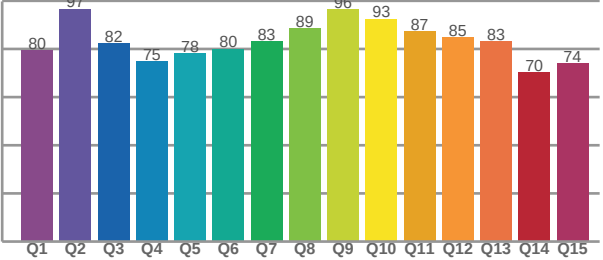
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
72,41	82,50	78,21	88,01	90,09	92,87	86,79	85,05	81,37	72,92	76,94	85,81	81,77	82,64	71,86	72,26

CQS Q values

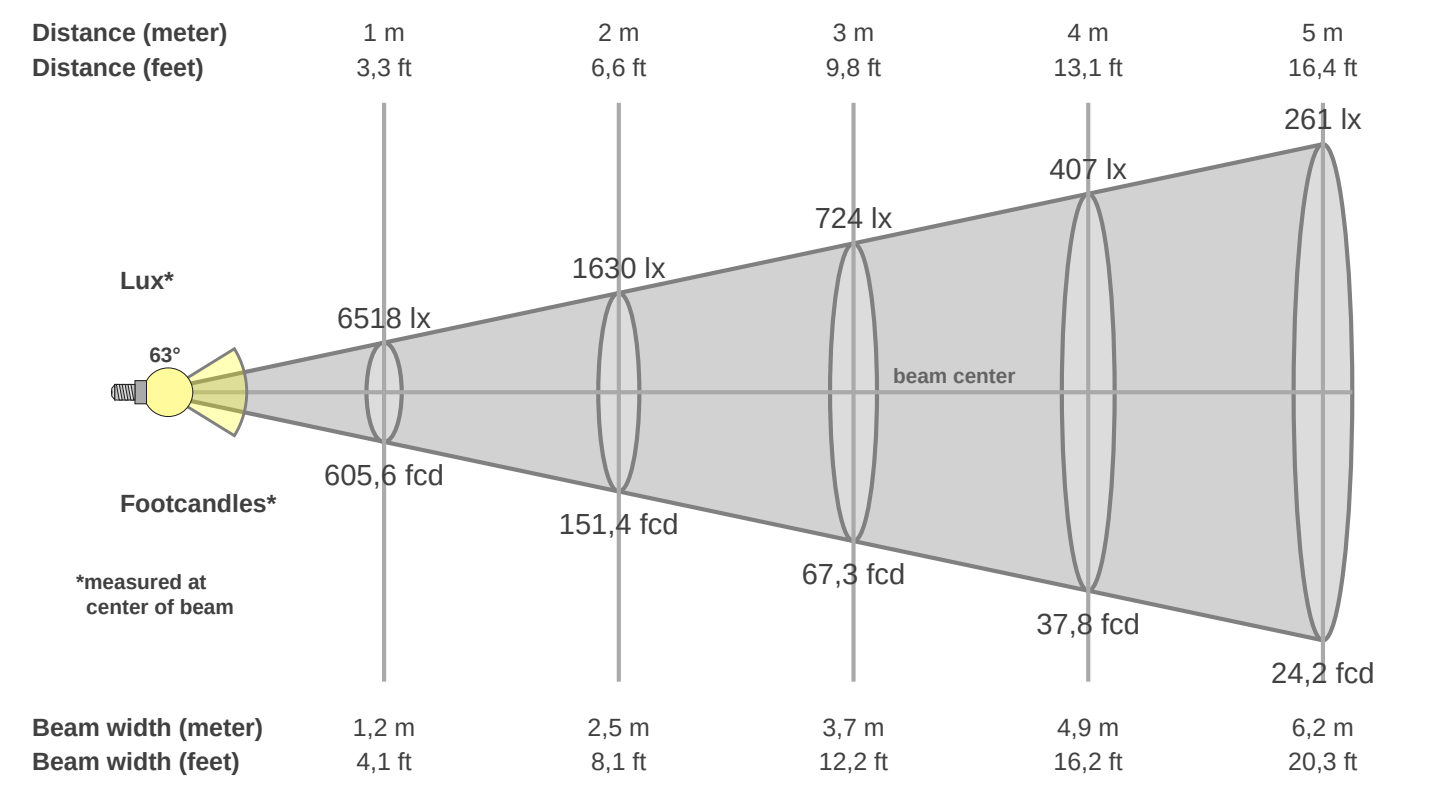
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
79,67	96,77	82,28	74,97	78,26	80,11	83,28	88,52	96,38	92,56	87,50	84,93	83,34	70,48	74,09

CQS: 81,9



Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4237 K	82,6	0,9	81,4	92,5	81,9	0,4	0,4	0,2	0,3	0,0005



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°	
6518	6475	6234	5735	4933	3967	2963	2114	1487	1070	788	605	461	360	295	231	154	92	48	29	
100%	99%	96%	88%	76%	61%	45%	32%	23%	16%	12%	9%	7%	6%	5%	4%	2%	1%	1%	0%	

Intensities in 60° c-plane																				
0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°	
6518	6598	6588	6369	5815	5021	4090	3277	2640	2018	1545	1212	810	572	503	356	233	148	70	26	
100%	101%	101%	98%	89%	77%	63%	50%	41%	31%	24%	19%	12%	9%	8%	5%	4%	2%	1%	0%	

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°	
6518	6326	5911	5258	4408	3435	2507	1772	1255	911	681	518	399	321	253	179	112	60	33	26	
100%	97%	91%	81%	68%	53%	38%	27%	19%	14%	10%	8%	6%	5%	4%	3%	2%	1%	1%	0%	

Intensities in 240° c-plane																				
0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°	
6518	6379	6195	5949	5544	4863	3893	2934	2163	1542	1126	867	542	450	381	240	171	94	42	26	
100%	98%	95%	91%	85%	75%	60%	45%	33%	24%	17%	13%	8%	7%	6%	4%	3%	1%	1%	0%	

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
63,4°	114,9°	161,5°	88,1%	73,8%