

СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

Эффективность света:

133 Lumen/Watt

Качество света:

CRI: 83,9

Цветовая температура:

4137 K

Поток: 38274 lm

Интенс.: 9232 cd

Мощн.: 289 W

КПД: 0,97



Название продукта:

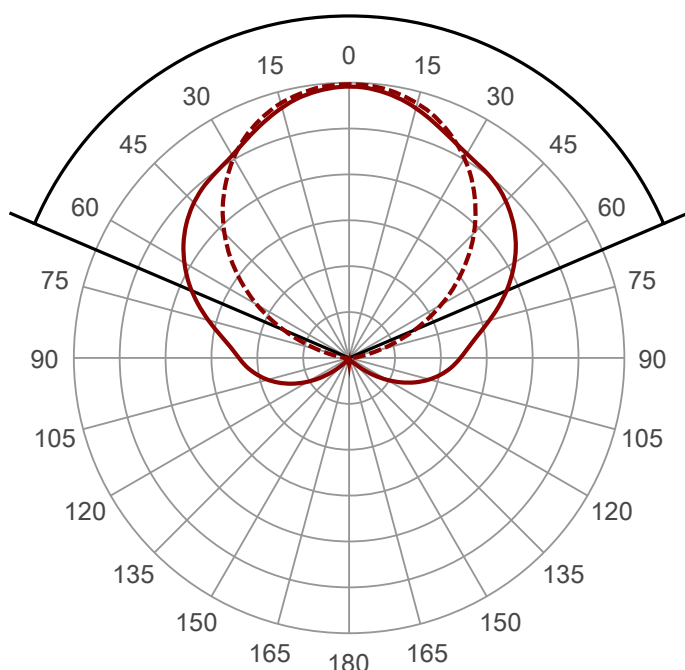
СС

M1-MK-E-288-400.295.130-4-0-67

Дата и время:

07.12.2016 15:39:25

Угол пучка **133,8°** (4 PLANES)
8 C-Planes

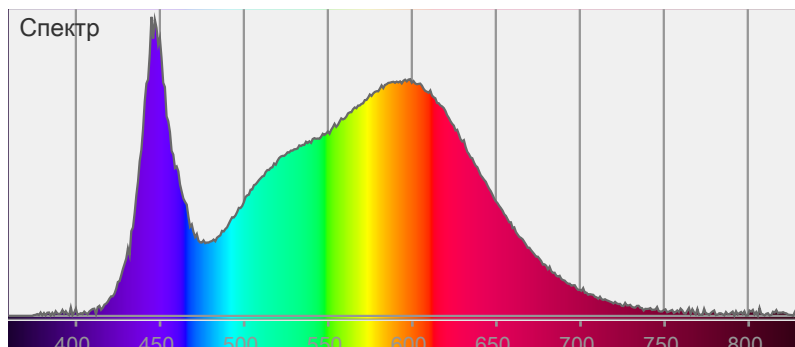


Цвет



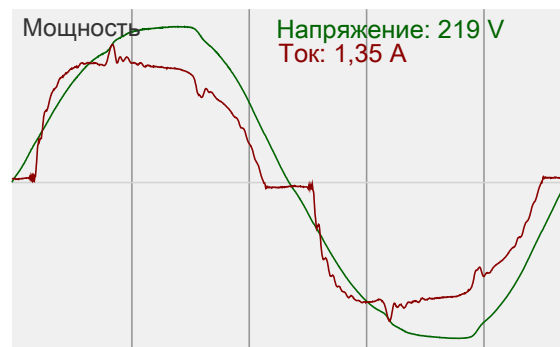
CIE1931
x: 0,372
y: 0,364

Спектр



Мощность

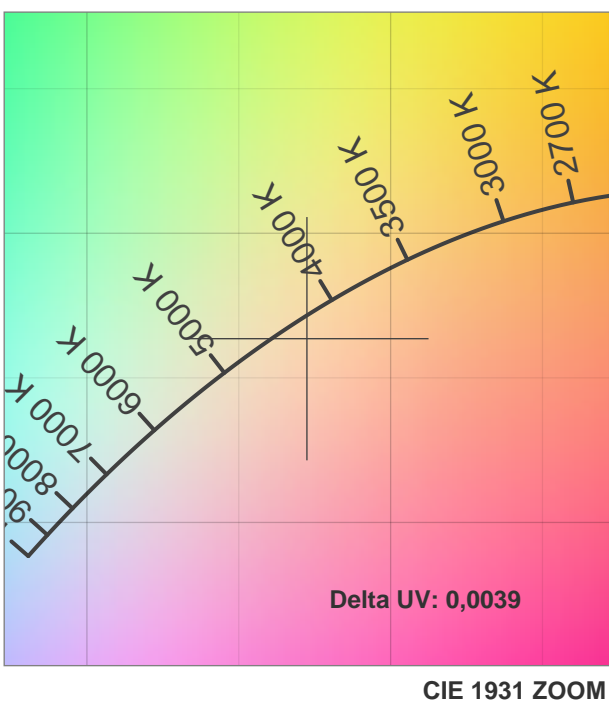
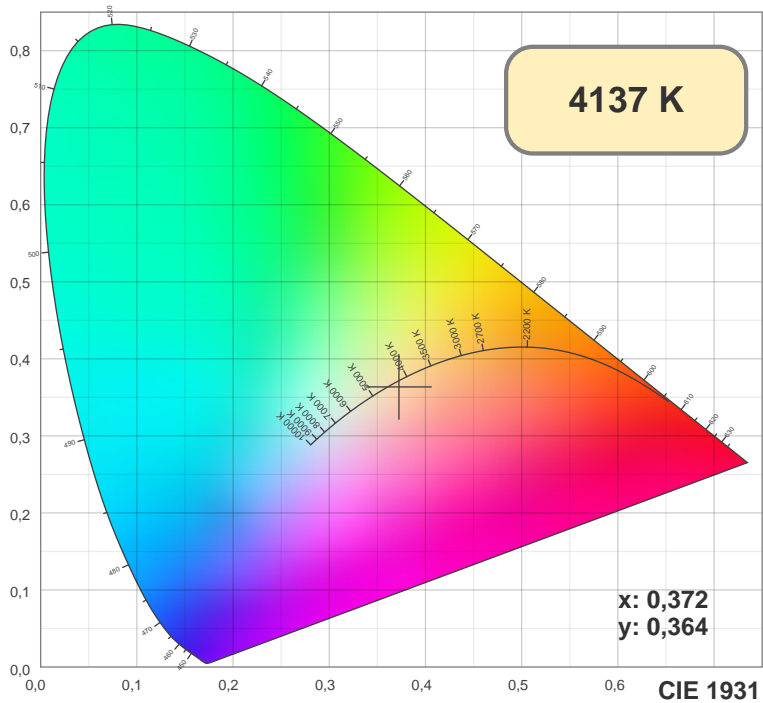
Напряжение: 219 V
Ток: 1,35 A



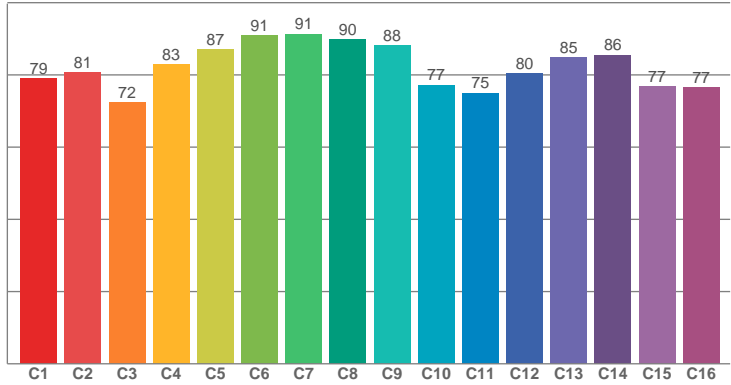
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Colormetrics

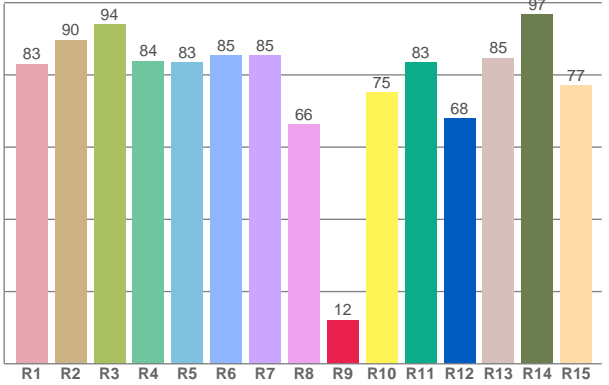
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TM30: 82,0



CRI: 83,9 (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
83,02	89,70	93,96	83,84	83,47	85,46	85,48	66,27	12,15	75,20	83,40	68,02	84,68	96,75	77,09

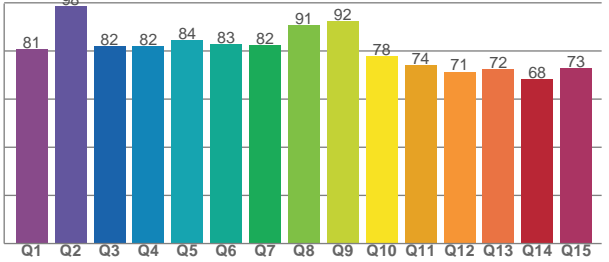
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
79,00	80,76	72,39	82,89	87,13	90,94	91,36	89,81	88,10	77,21	75,05	80,35	84,79	85,52	76,83	76,59

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
80,65	98,48	81,96	82,07	84,35	82,84	82,39	90,79	92,45	77,86	74,04	71,38	72,49	68,39	72,77

CQS: 79,2



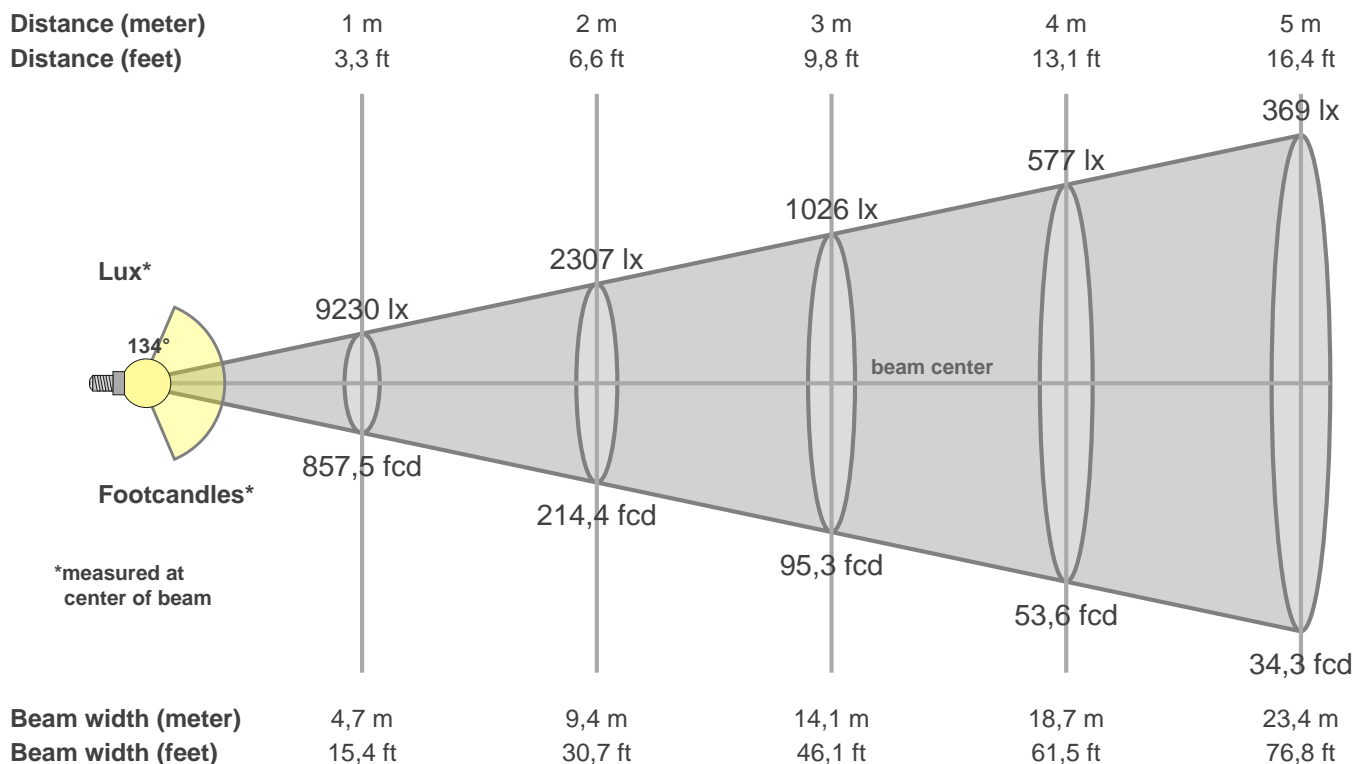
Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4137 K	83,9	12,2	82,0	97,7	79,2	0,4	0,4	0,2	0,3	0,0039

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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°
9230	9077	8650	8117	7771	7468	6945	6201	5287	4367	3752	3263	2641	1885	1060	376	149	154	157	160
100%	98%	94%	88%	84%	81%	75%	67%	57%	47%	41%	35%	29%	20%	11%	4%	2%	2%	2%	2%

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°
9230	9108	8731	8070	7122	5949	4582	3073	1565	469	120	107	117	127	129	135	138	149	154	160
100%	99%	95%	87%	77%	64%	50%	33%	17%	5%	1%	1%	1%	1%	1%	1%	1%	2%	2%	2%

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°
9230	9066	8631	8143	7870	7541	6993	6217	5279	4368	3793	3258	2585	1777	928	290	159	155	154	161
100%	98%	94%	88%	85%	82%	76%	67%	57%	47%	41%	35%	28%	19%	10%	3%	2%	2%	2%	2%

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°
9230	9120	8736	8054	7122	5954	4582	3075	1558	472	138	123	125	125	135	138	140	147	153	157
100%	99%	95%	87%	77%	65%	50%	33%	17%	5%	1%	1%	1%	1%	1%	1%	2%	2%	2%	2%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
133,8°	214,5°	237,5°	57,7%	37,4%