

СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

Эффективность света:

112 Lumen/Watt

Качество света:

CRI: 85,7

Цветовая температура:

4045 K

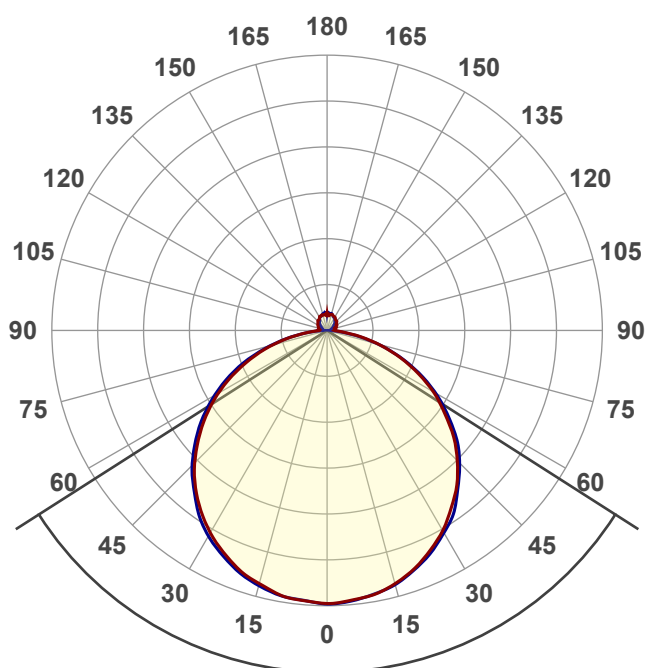
Поток: 2583 lm

Интенс.: 816 cd

Мощн.: 23,0 W

КПД: 0,93

4 PLANES



Угол пучка

114,9°

Цвет

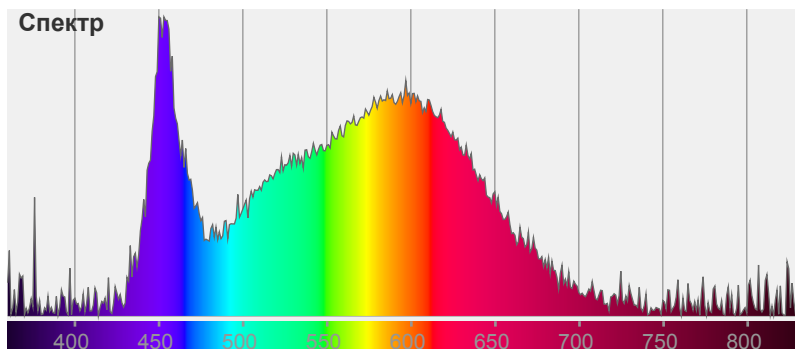


CIE1931

x: 0,370

y: 0,361

Спектр



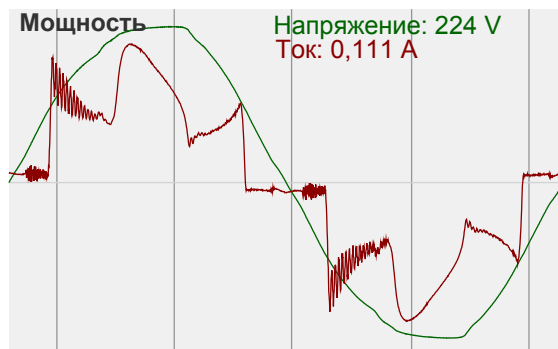
Название продукта:

ViLED CC

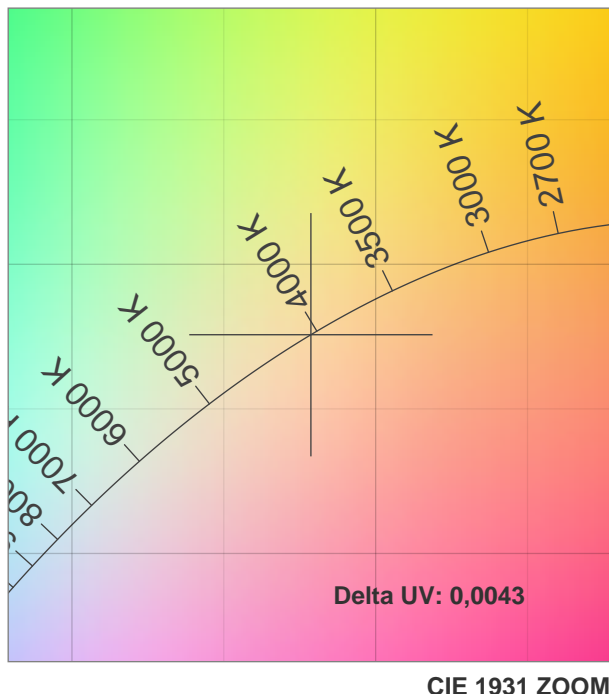
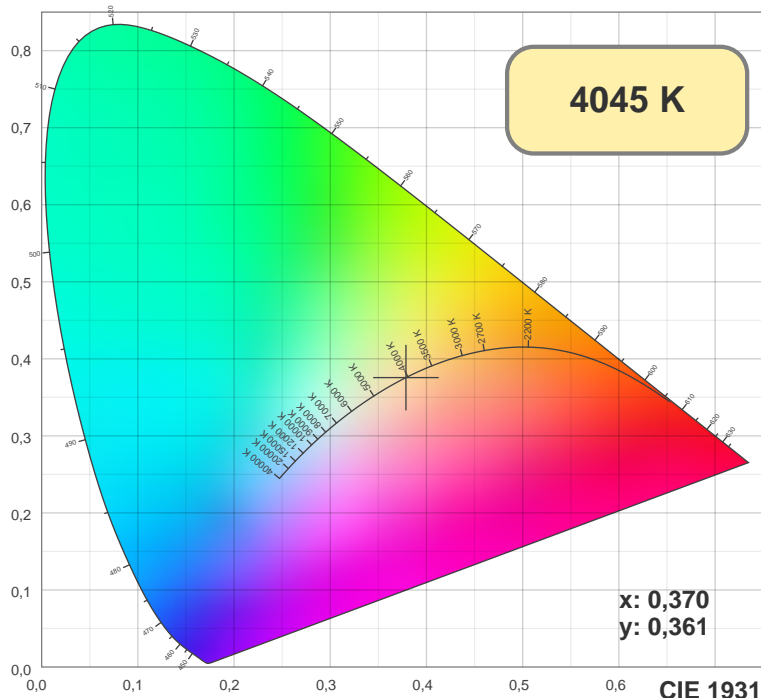
03-У-М-24-1190.130.15-4-0-65

Дата и время:

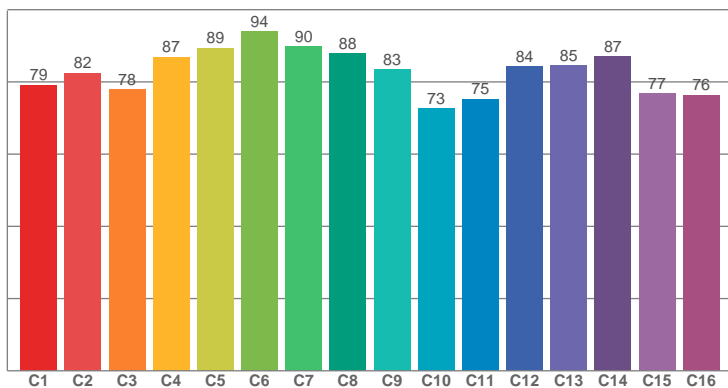
29.09.2017 16:25:17



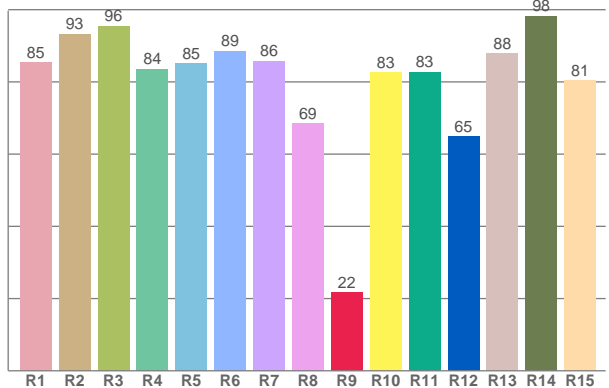
СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ



TM30: 82,8



CRI: 85,7 (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
85,42	93,26	95,51	83,61	85,09	88,56	85,79	68,53	21,63	82,65	82,79	64,89	87,97	98,29	80,51

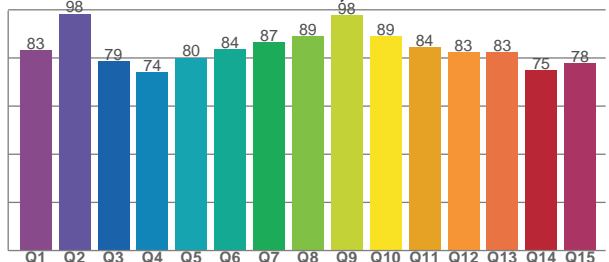
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
79,17	82,48	77,96	86,91	89,41	93,88	89,87	87,92	83,45	72,58	75,26	84,38	84,64	87,10	76,76	76,38

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
83,16	98,38	78,71	74,14	80,11	83,66	86,74	89,20	97,93	89,09	84,43	82,53	82,58	74,95	78,00

CQS: 82,8



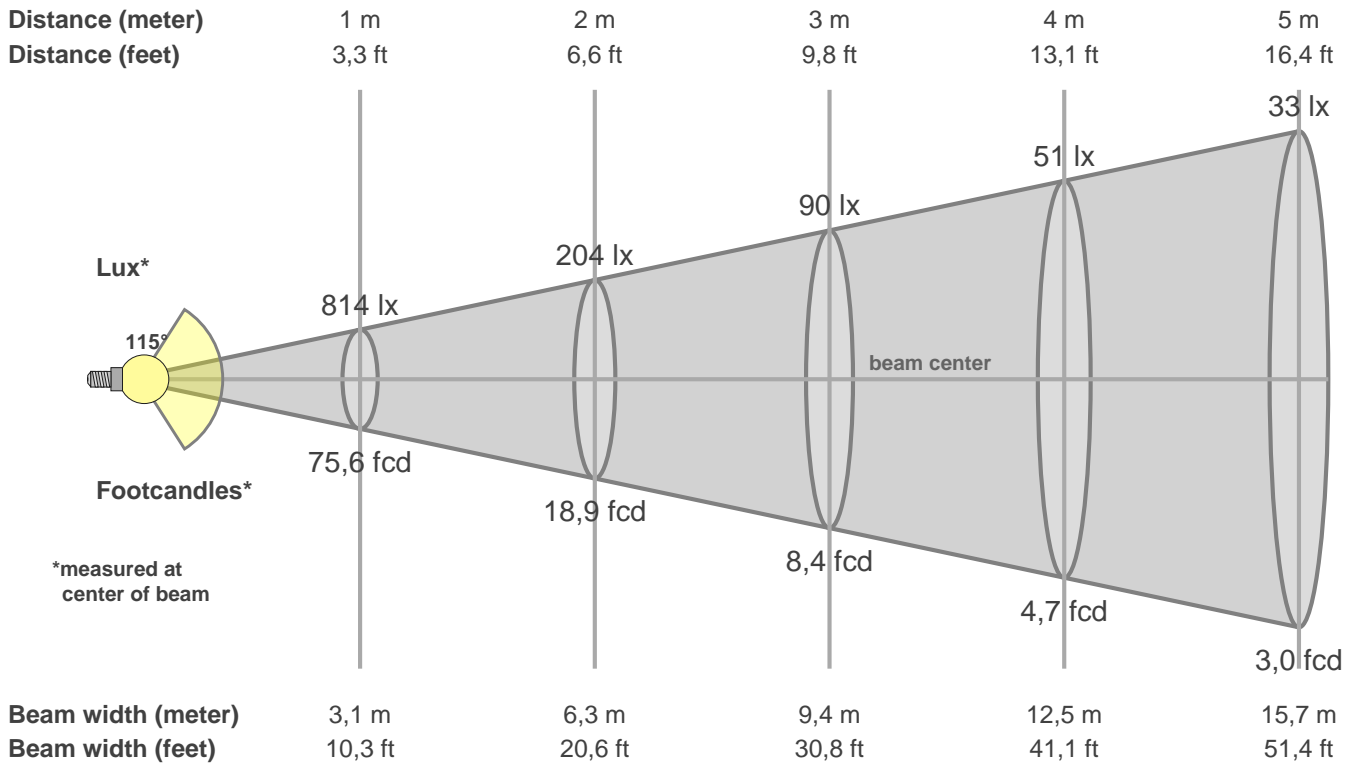
Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4045 K	85,7	21,6	82,8	95,7	82,8	0,4	0,4	0,2	0,3	0,0043

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°
814	808	800	782	757	725	690	646	602	549	492	427	366	297	228	159	95	43	23	23
100%	99%	98%	96%	93%	89%	85%	79%	74%	67%	60%	52%	45%	36%	28%	20%	12%	5%	3%	3%

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°
814	810	799	785	760	732	697	660	608	559	504	439	373	303	231	157	87	35	13	12
100%	100%	98%	96%	93%	90%	86%	81%	75%	69%	62%	54%	46%	37%	28%	19%	11%	4%	2%	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°
814	809	801	781	760	730	696	656	610	558	499	439	374	306	237	170	105	53	26	24
100%	99%	98%	96%	93%	90%	86%	81%	75%	69%	61%	54%	46%	38%	29%	21%	13%	7%	3%	3%

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°
814	808	803	788	767	739	708	668	618	569	512	452	387	320	250	175	106	48	15	13
100%	99%	99%	97%	94%	91%	87%	82%	76%	70%	63%	56%	48%	39%	31%	22%	13%	6%	2%	2%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
114,9°	162,6°	360,0°	72,3%	48,8%