

СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

Эффективность света:

139 Lumen/Watt

Качество света:

CRI: 85,6

Цветовая температура:

4092 K

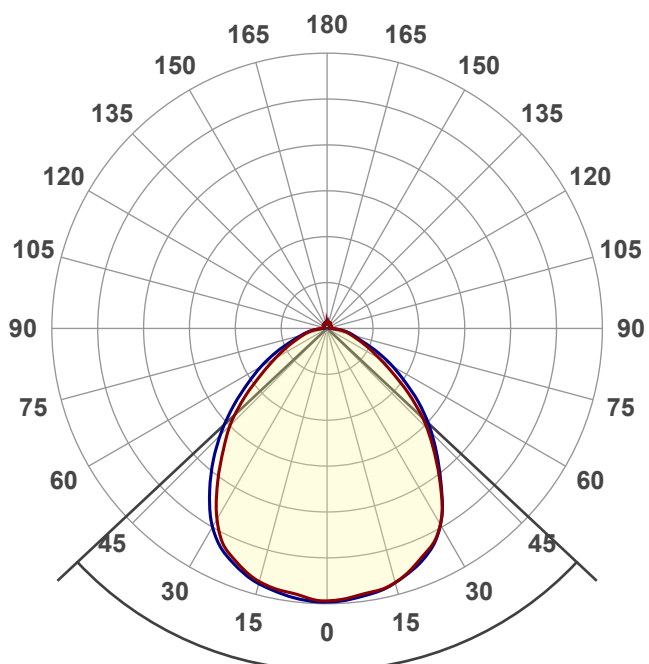
Поток: 3246 lm

Интенс.: 1373 cd

Мощн.: 23,3 W

КПД: 0,92

4 PLANES



Угол пучка

93,8°

Цвет

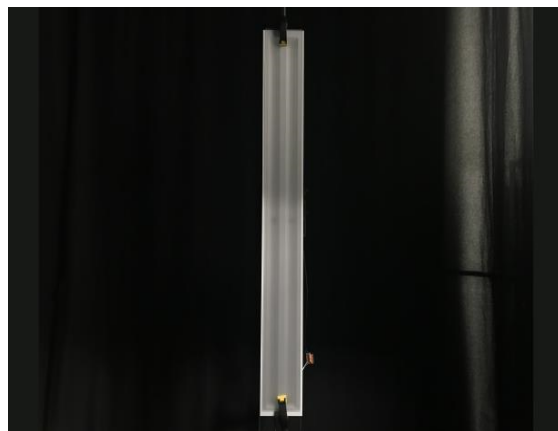
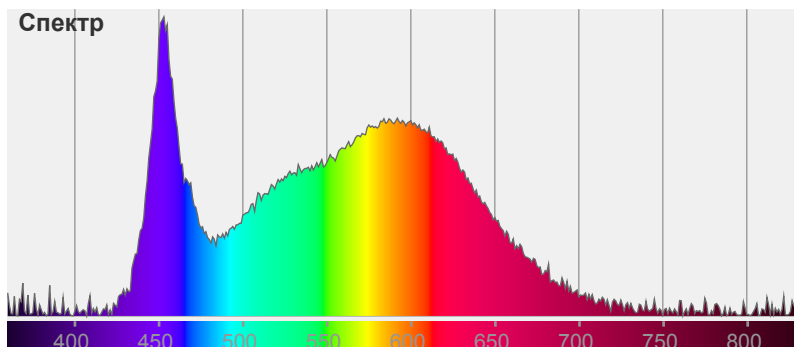


CIE1931

x: 0,362

y: 0,355

Спектр



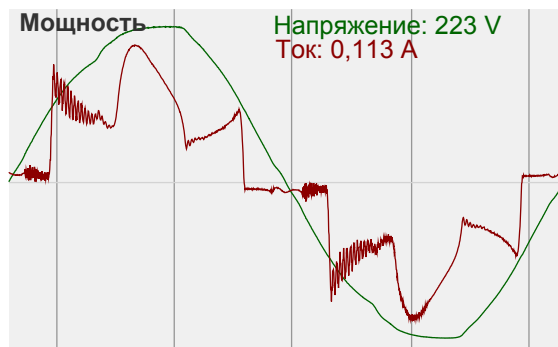
Название продукта:

ViLED CC

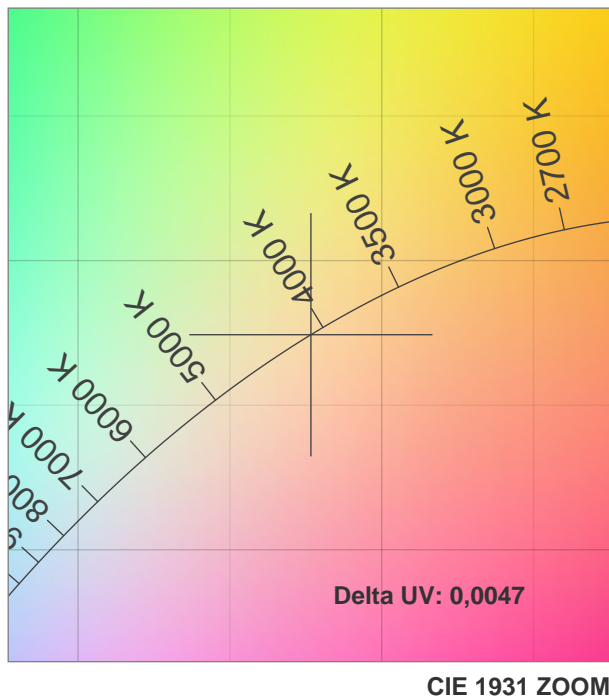
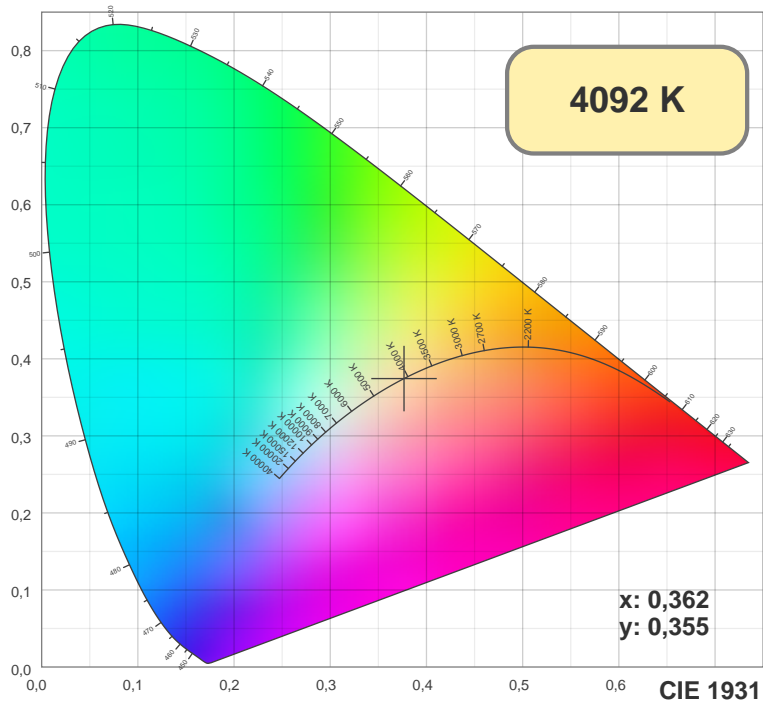
03-У-А-24-1190.130.15-4-0-65

Дата и время:

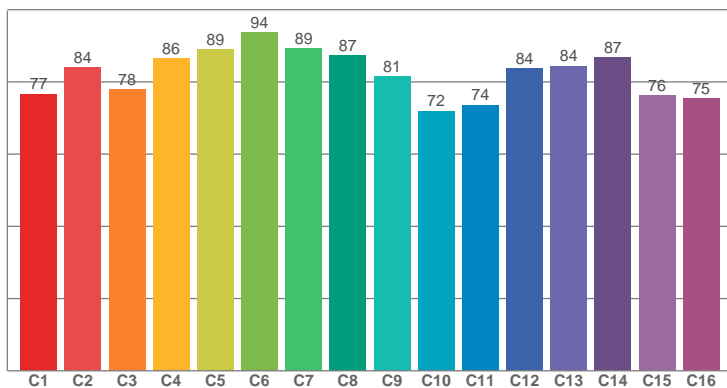
02.10.2017 9:55:47



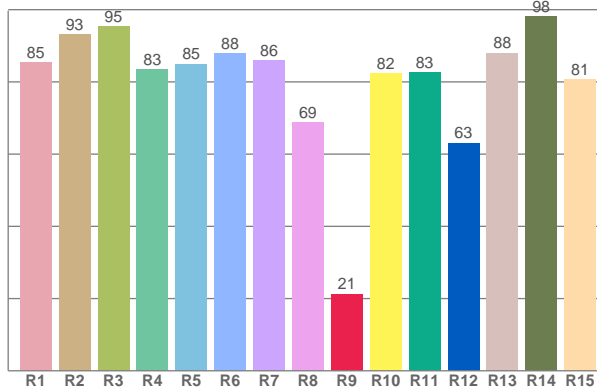
СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ



TM30: 82,1



CRI: 85,6 (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
85,40	93,21	95,27	83,49	84,99	87,93	85,88	68,88	21,27	82,36	82,71	63,08	88,04	98,19	80,77

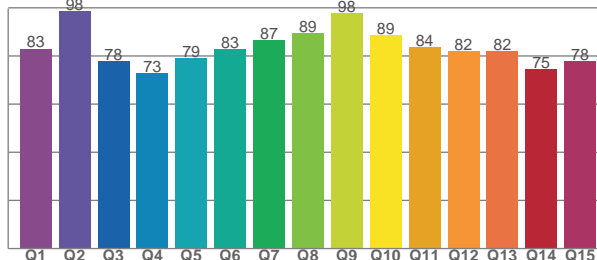
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
76,65	83,97	77,83	86,49	88,91	93,68	89,31	87,24	81,50	71,96	73,59	83,74	84,41	86,82	76,20	75,49

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
83,07	98,46	77,79	72,75	79,15	82,98	86,72	89,32	97,75	88,69	83,78	81,86	81,96	74,58	77,79

CQS: 82,2



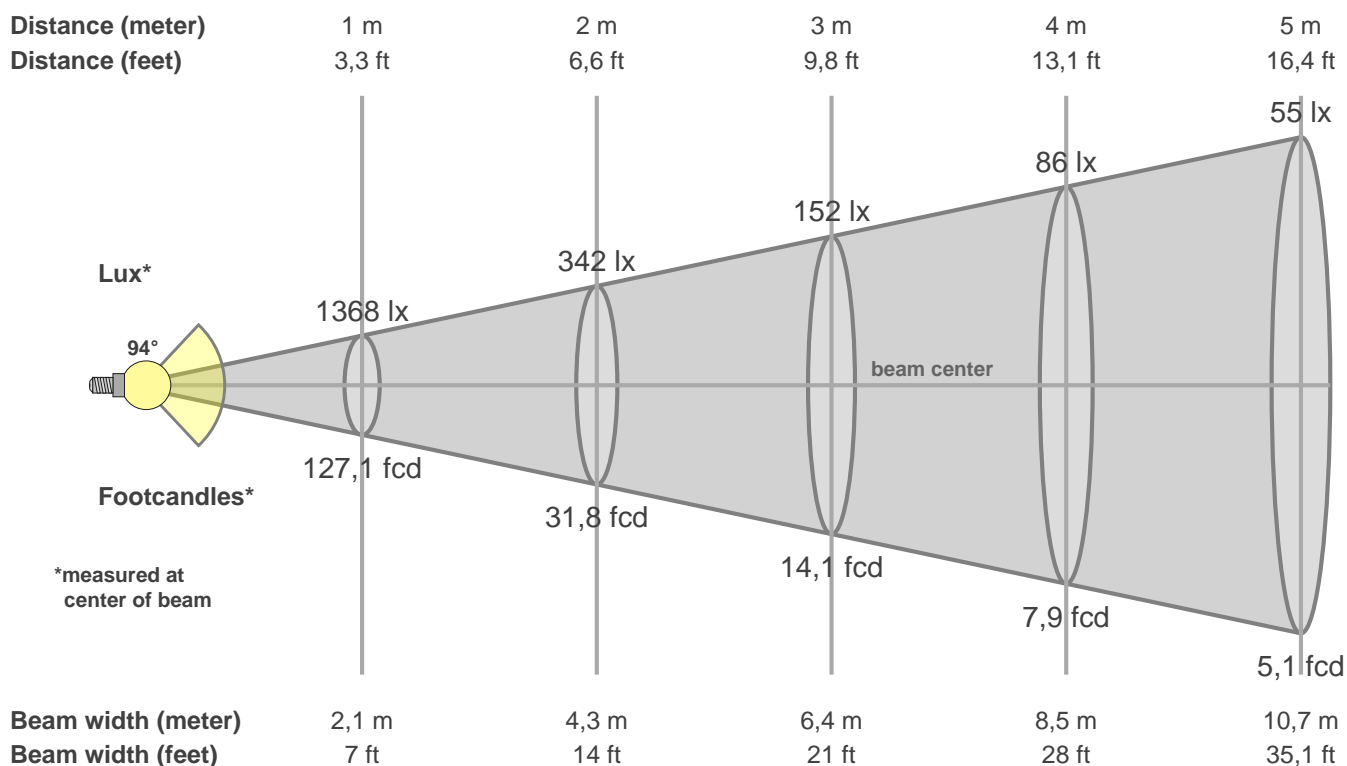
Color parameters

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Duv
4092 K	85,6	21,3	82,1	95,4	82,2	0,4	0,4	0,2	0,3	0,0047

СЕВЕРО-ЗАПАДНАЯ СВЕТОТЕХНИЧЕСКАЯ ЛАБОРАТОРИЯ

Beam details

3 of 3



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°
1368	1355	1340	1317	1270	1214	1131	997	849	710	565	423	309	228	168	124	95	56	25	19
100%	99%	98%	96%	93%	89%	83%	73%	62%	52%	41%	31%	23%	17%	12%	9%	7%	4%	2%	1%

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°
1368	1363	1347	1320	1279	1223	1133	1003	867	742	617	490	380	277	188	140	102	56	12	9
100%	100%	98%	96%	93%	89%	83%	73%	63%	54%	45%	36%	28%	20%	14%	10%	7%	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°
1368	1350	1334	1313	1269	1209	1102	960	816	688	544	405	301	223	163	121	89	57	27	20
100%	99%	98%	96%	93%	88%	81%	70%	60%	50%	40%	30%	22%	16%	12%	9%	7%	4%	2%	1%

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°
1368	1366	1349	1324	1285	1231	1147	1028	895	759	621	491	383	282	193	135	96	53	15	11
100%	100%	99%	97%	94%	90%	84%	75%	65%	55%	45%	36%	28%	21%	14%	10%	7%	4%	1%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
93,8°	147,1°	198,4°	82,2%	61,0%