

Light Efficiency:

4 Lumen/Watt

Light Quality:

CRI: 31.1

Color Temperature:

1135 K

Output: 533 lm

Peak: 8034 cd

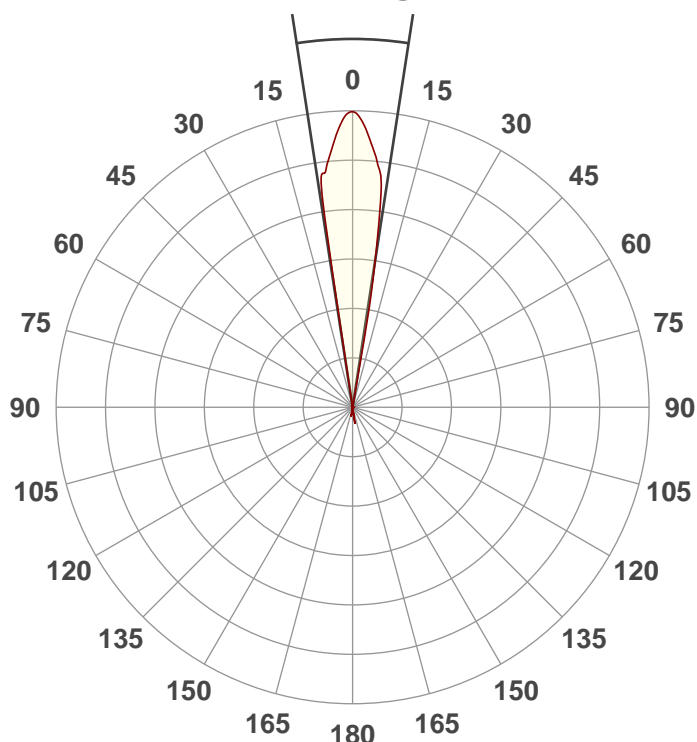
Power: 149 W

PF: 0.97



Beam Angle

17.5°



Product Name:

E Spot III

Test:

Orange

Date:

7/26/2018

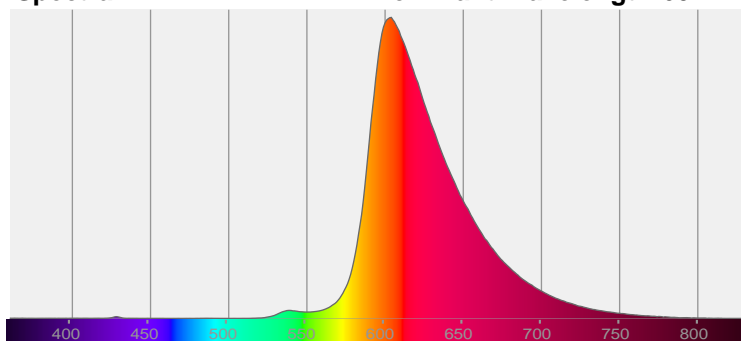
Note:



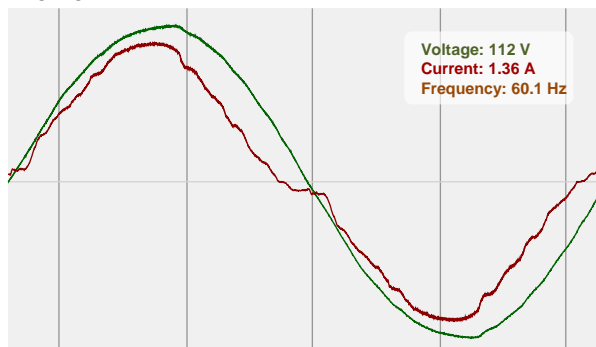
CIE 1931
x: 0.636
y: 0.362

Spectra

Dominant Wavelength: 602nm

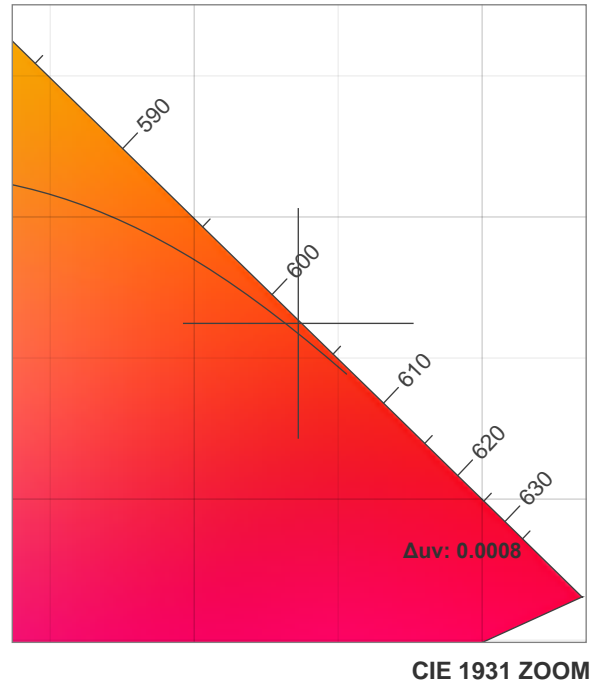
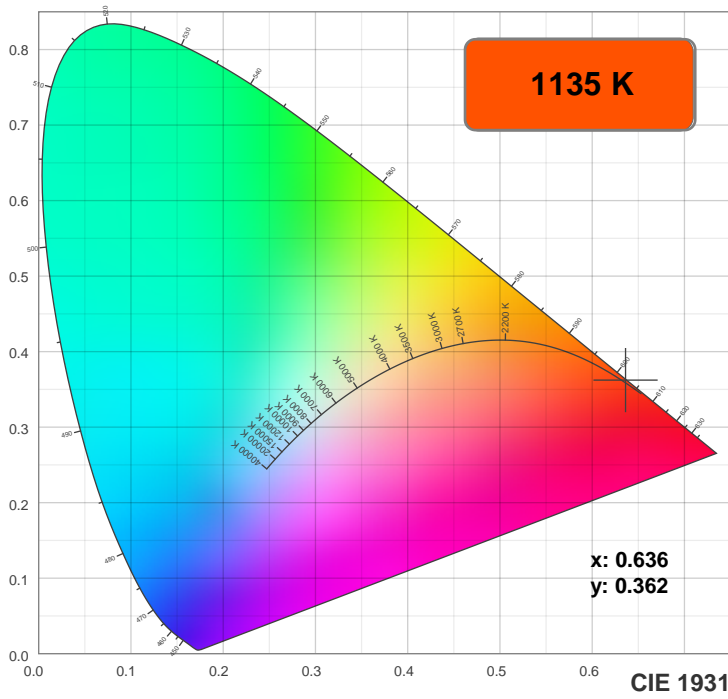


Power

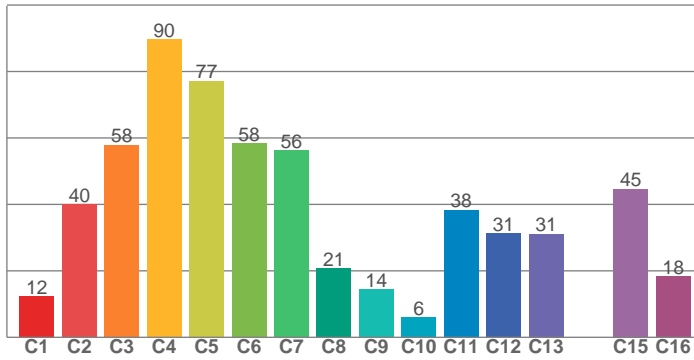


Voltage: 112 V
Current: 1.36 A
Frequency: 60.1 Hz

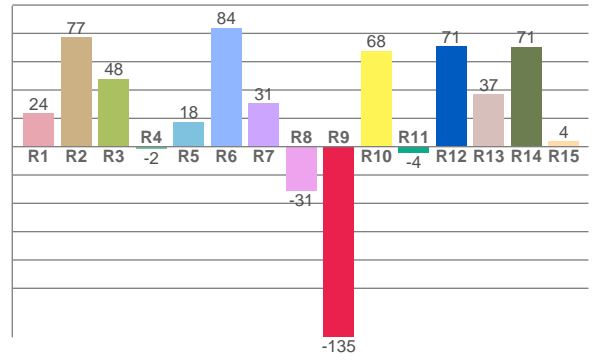
Color Details



TM30: 26.0



CRI: 31.1 (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
23.7	77.4	47.9	-1.7	17.6	84.0	30.9	-31.3	-134.6	67.7	-4.4	71.0	36.8	70.5	3.7

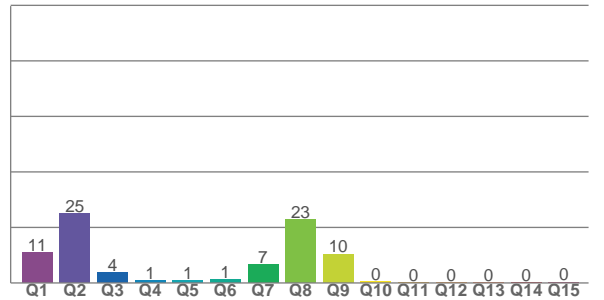
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
12.4	39.9	57.9	89.6	77.2	58.3	56.2	20.7	14.4	6.0	38.3	31.2	31.1	n/a	44.7	18.3

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
10.9	24.9	3.6	0.8	0.9	1.2	6.7	22.8	10.4	0.4	0.0	0.0	0.0	0.0	0.3

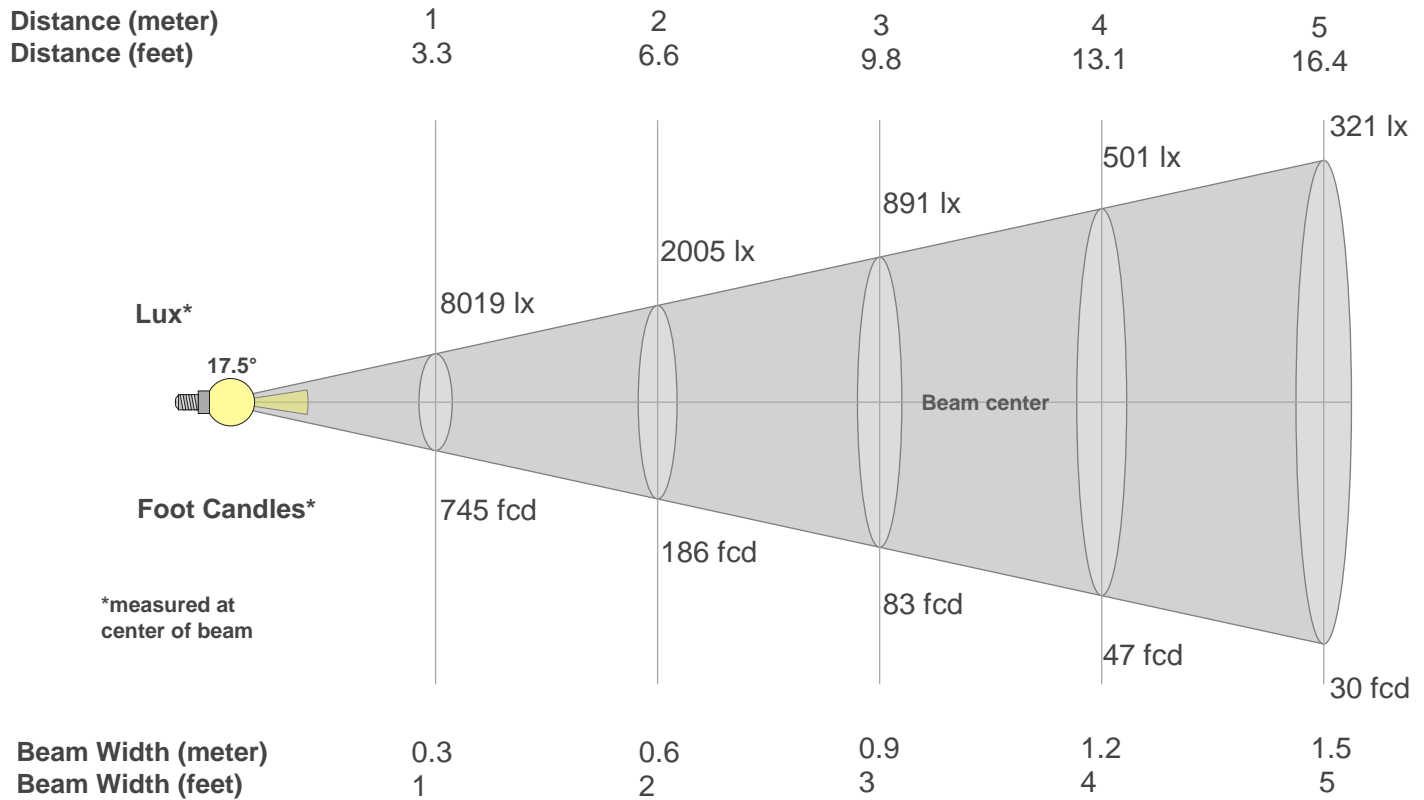
CQS: 0.6



Color Parameters

Color Temperature	Color Rendering Index	Red Component	Color Fidelity	Color Gamut	Color Quality Scale	Color Coordinate CIE 1931	Color Coordinate CIE 1931	Color Coordinate	Color Coordinate	Color Deviation from Black Body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
1135 K	31.1	-134.6	26.0	n/a	0.6	0.636	0.362	0.419	0.358	0.0008

Beam Details



Beam Intensities from 1-20m

m	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
ft	3.3	6.6	9.8	13.1	16.4	19.7	23	26.2	29.5	32.8	36.1	39.4	42.7	45.9	49.2	52.5	55.8	59.1	62.3	65.6
lx	8019	2005	891	501	321	223	164	125	99	80	66	56	47	41	36	31	28	25	22	20
fcd	745	186.3	82.8	46.6	29.8	20.7	15.2	11.6	9.2	7.5	6.2	5.2	4.4	3.8	3.3	2.9	2.6	2.3	2.1	1.9

Intensities in 0° C-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
8019	7991	7803	7568	7255	6945	6638	6255	5803	3179	16	9	4	1	0	0	0	0	0	0
100%	100%	97%	94%	90%	87%	83%	78%	72%	40%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Intensities in 90° C-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
8019	7991	7803	7568	7255	6945	6638	6255	5803	3179	16	9	4	1	0	0	0	0	0	0
100%	100%	97%	94%	90%	87%	83%	78%	72%	40%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Intensities in 180° C-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
8019	7948	7765	7508	7223	6930	6603	6156	5187	3611	1878	80	4	1	0	0	0	0	0	0
100%	99%	97%	94%	90%	86%	82%	77%	65%	45%	23%	1%	0%	0%	0%	0%	0%	0%	0%	0%

Intensities in 270° C-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
8019	7948	7765	7508	7223	6930	6603	6156	5187	3611	1878	80	4	1	0	0	0	0	0	0
100%	99%	97%	94%	90%	86%	82%	77%	65%	45%	23%	1%	0%	0%	0%	0%	0%	0%	0%	0%

Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
17.5°	20.3°	20.8°	100.0%	100.0%