

15 Hex Bar IP



Light Efficiency:

37 Lumen/Watt

Light Quality:

CRI: 68.6

Color Temperature:

7333 K

Output: 968 lm

Peak: 2127 cd

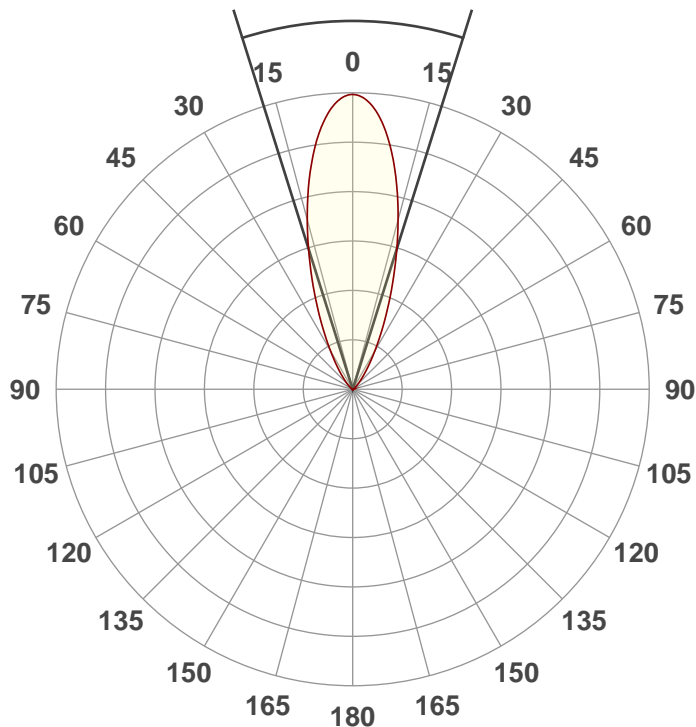
Power: 25.9 W

PF: 0.95



Beam Angle

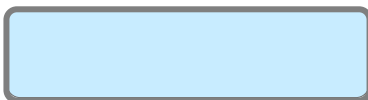
34.9°



Test:
w/ Diffuser White

Date:
8/22/2019

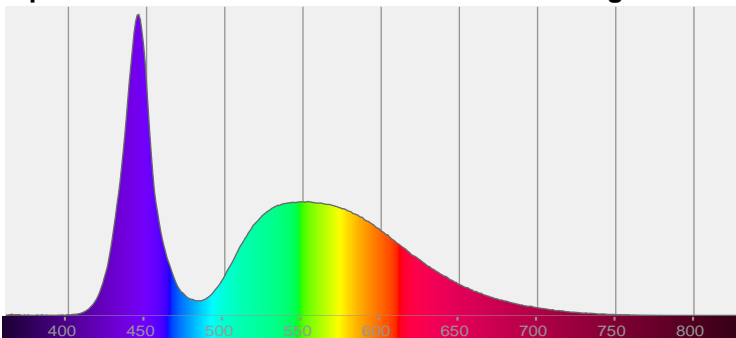
Note:



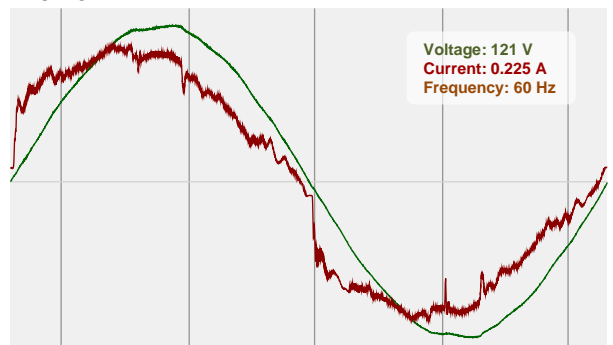
CIE 1931
x: 0.303
y: 0.309

Spectra

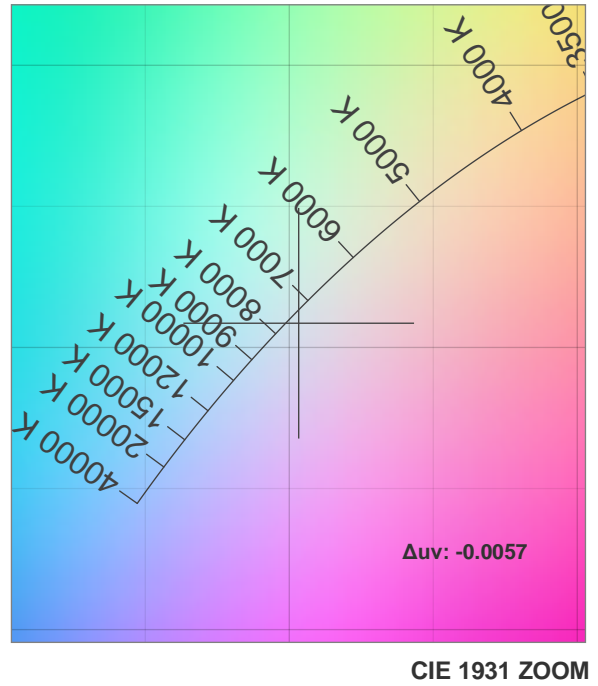
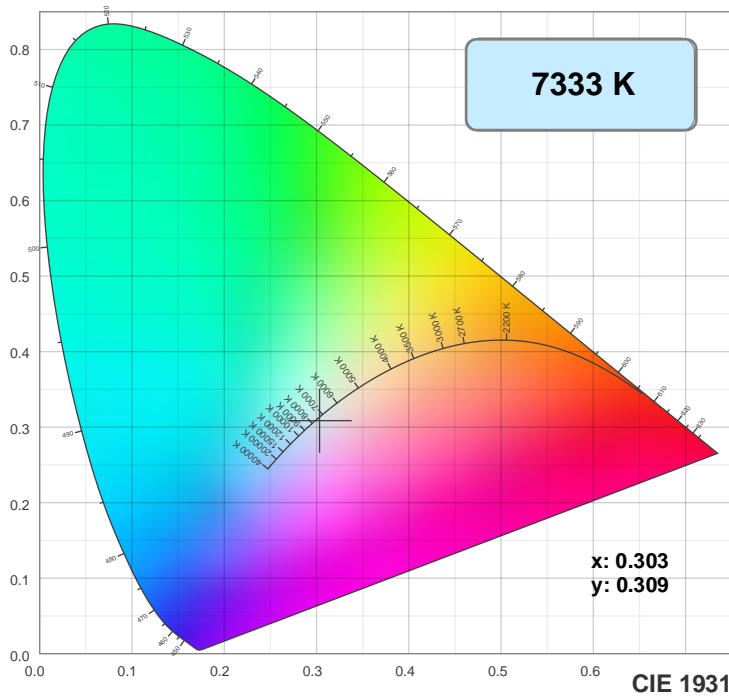
Dominant Wavelength: 438nm



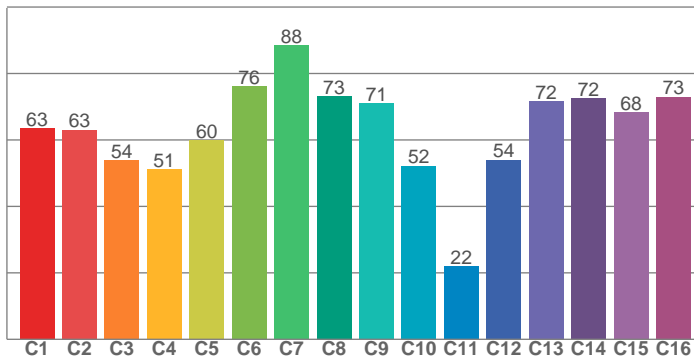
Power



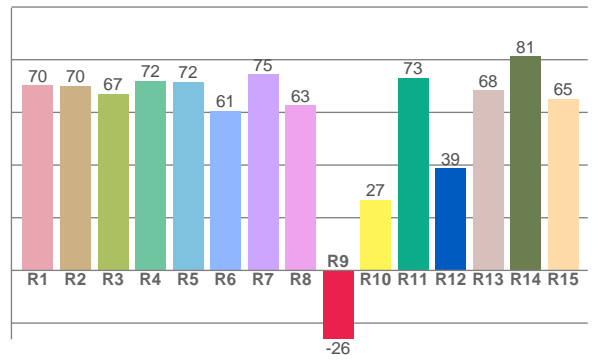
Color Details



TM30: 62.7



CRI: 68.6 (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
70.4	70.1	67.1	72.0	71.7	60.6	74.6	62.8	-26.2	26.8	73.2	38.8	68.5	81.2	65.2

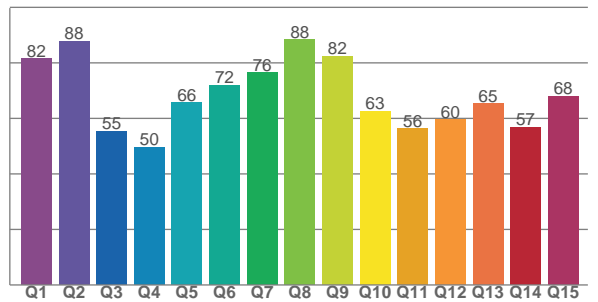
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
63.4	63.0	53.8	51.1	59.8	76.2	88.4	73.2	71.0	52.2	21.9	53.9	71.7	72.4	68.2	72.9

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
81.6	87.9	55.4	49.7	65.8	71.9	76.4	88.3	82.5	62.6	56.4	59.5	65.3	56.8	68.0

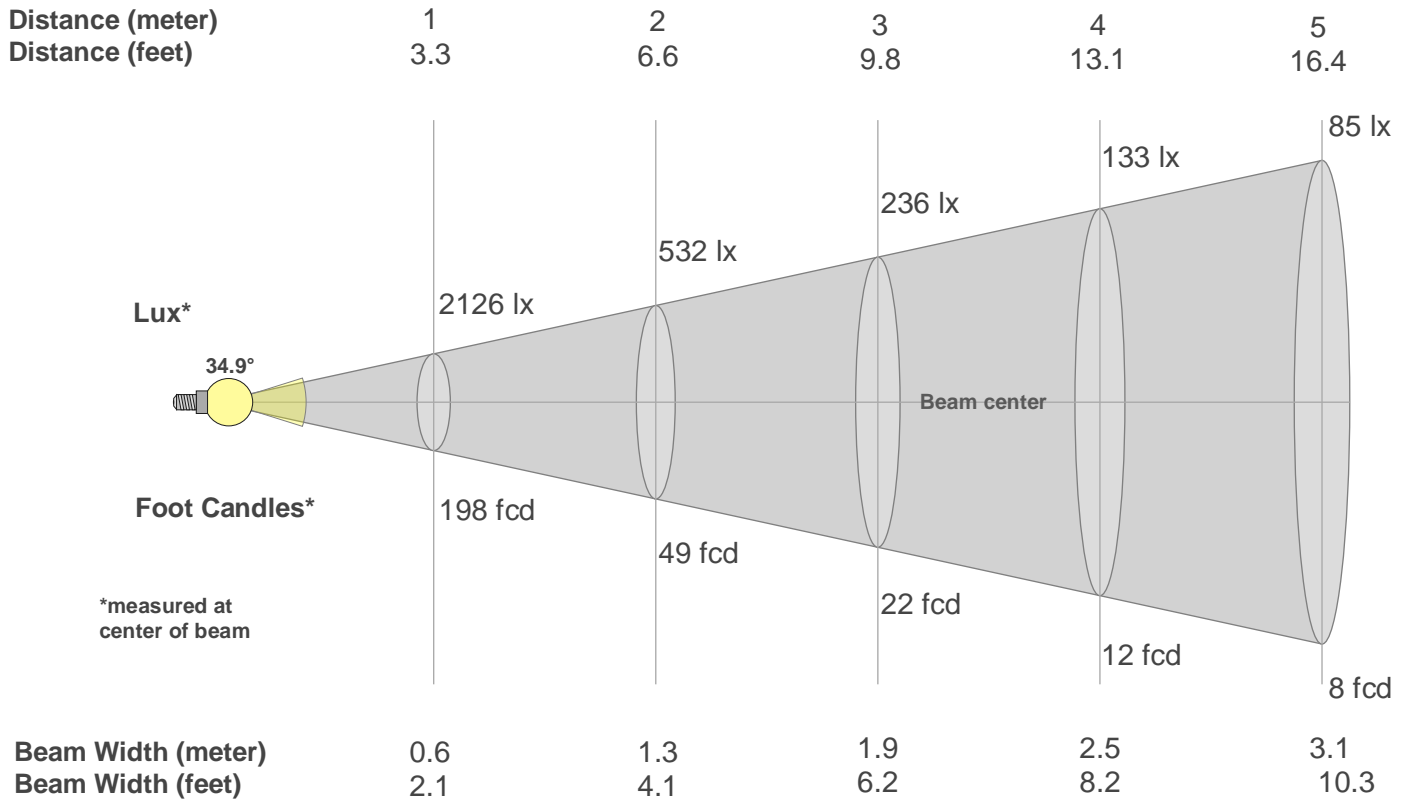
CQS: 66.3



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
7333 K	68.6	-26.2	62.7	95.4	66.3	0.303	0.309	0.199	0.304	-0.0057

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	2126	532	236	133	85	59	43	33	26	21	18	15	13	11	9	8	7	7	6	5
fcd	197.5	49.4	21.9	12.3	7.9	5.5	4	3.1	2.4	2	1.6	1.4	1.2	1	0.9	0.8	0.7	0.6	0.5	0.5

Intensities in 0° C-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
2126	2108	2047	1953	1829	1682	1522	1352	1183	1019	866	726	602	491	400	320	258	205	163	128
100%	99%	96%	92%	86%	79%	72%	64%	56%	48%	41%	34%	28%	23%	19%	15%	12%	10%	8%	6%

Intensities in 90° C-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
2126	2108	2047	1953	1829	1682	1522	1352	1183	1019	866	726	602	491	400	320	258	205	163	128
100%	99%	96%	92%	86%	79%	72%	64%	56%	48%	41%	34%	28%	23%	19%	15%	12%	10%	8%	6%

Intensities in 180° C-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
2126	2106	2047	1953	1829	1682	1520	1352	1182	1018	864	724	599	492	399	322	256	204	161	128
100%	99%	96%	92%	86%	79%	72%	64%	56%	48%	41%	34%	28%	23%	19%	15%	12%	10%	8%	6%

Intensities in 270° C-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
2126	2106	2047	1953	1829	1682	1520	1352	1182	1018	864	724	599	492	399	322	256	204	161	128
100%	99%	96%	92%	86%	79%	72%	64%	56%	48%	41%	34%	28%	23%	19%	15%	12%	10%	8%	6%

Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
34.9°	67.3°	90.9°	99.2%	95.5%