

15 Hex Bar IP



Light Efficiency:

21 Lumen/Watt

Output: 2749 lm

Light Quality:

CRI: 56.6

Peak: 6178 cd

Color Temperature:

12492 K

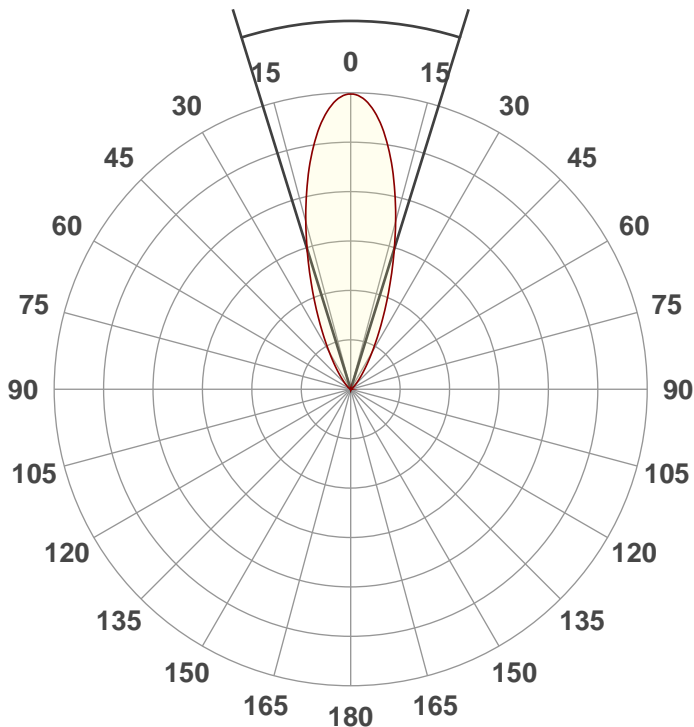
Power: 128.5 W

PF: 1.0



Beam Angle

34.5°



Test:
w/ Diffuser Full On

Date:
8/21/2019

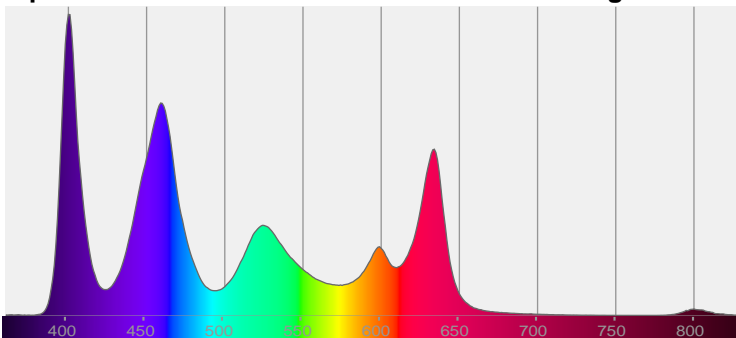
Note:



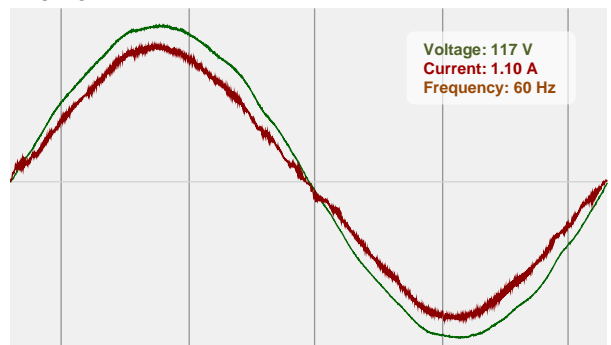
CIE 1931
x: 0.290
y: 0.247

Spectra

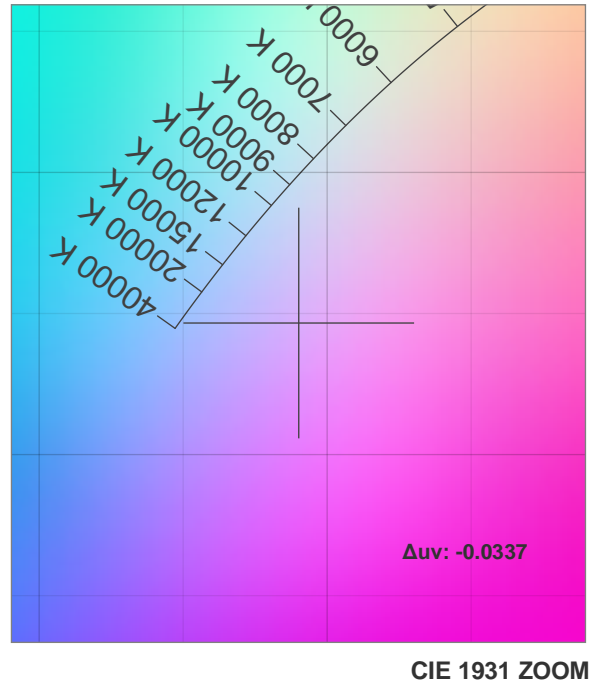
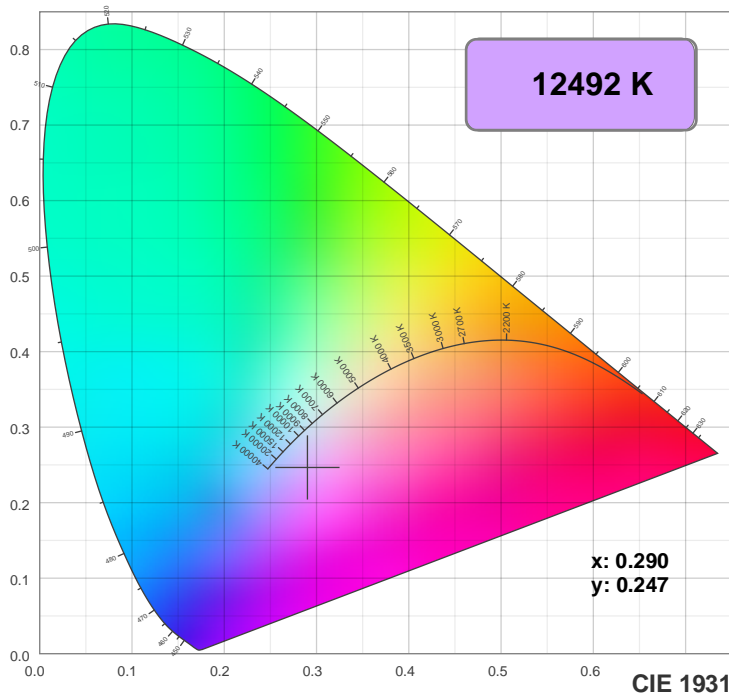
Dominant Wavelength: 360nm



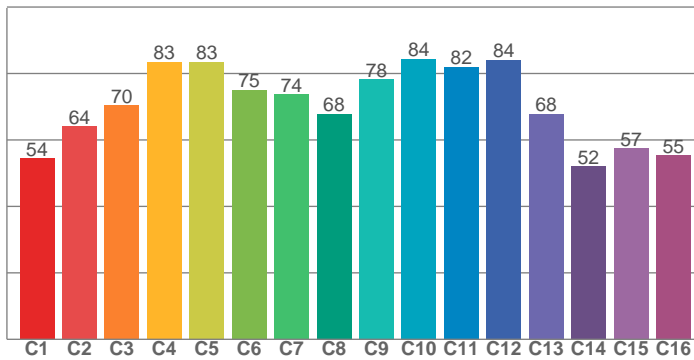
Power



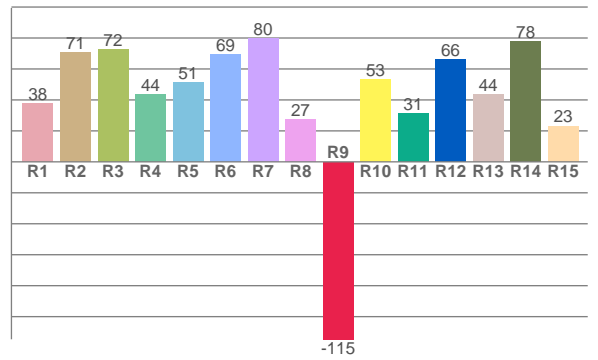
Color Details



TM30: 72.5



CRI: 56.6 (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
37.7	71.0	72.4	43.7	51.2	69.3	79.6	27.4	-114.6	53.3	31.5	66.2	43.7	78.0	23.2

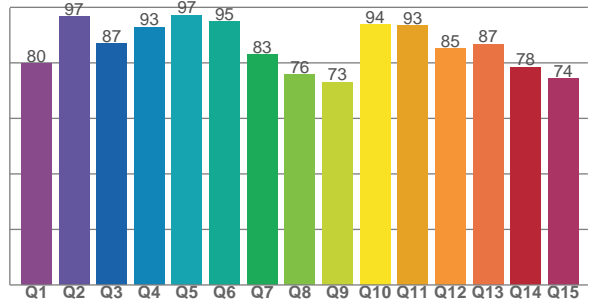
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
54.5	64.1	70.4	83.4	83.5	75.1	73.7	67.9	78.3	84.4	82.0	84.0	67.8	52.0	57.4	55.4

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
79.6	96.7	86.9	92.8	97.1	94.9	82.9	75.7	73.0	93.7	93.4	85.2	86.8	78.4	74.4

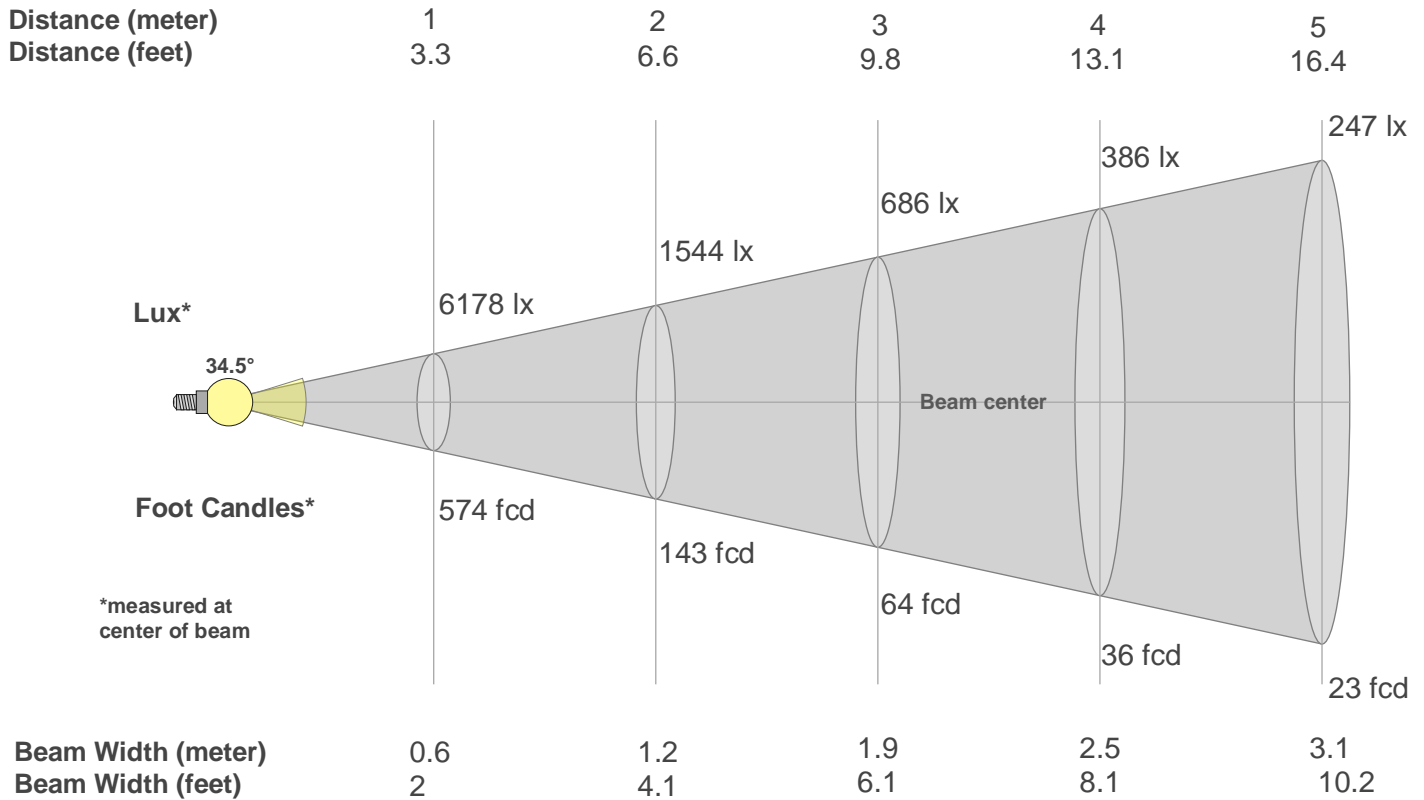
CQS: 83.9



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
12492 K	56.6	-114.6	72.5	116.6	83.9	0.290	0.247	0.216	0.275	-0.0337

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	6178	1544	686	386	247	172	126	97	76	62	51	43	37	32	27	24	21	19	17	15
fcd	573.9	143.5	63.8	35.9	23	15.9	11.7	9	7.1	5.7	4.7	4	3.4	2.9	2.6	2.2	2	1.8	1.6	1.4

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°
6178	6118	5941	5662	5293	4861	4381	3887	3387	2911	2461	2056	1696	1384	1120	895	715	567	448	354
100%	99%	96%	92%	86%	79%	71%	63%	55%	47%	40%	33%	27%	22%	18%	14%	12%	9%	7%	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°
6178	6118	5941	5662	5293	4861	4381	3887	3387	2911	2461	2056	1696	1384	1120	895	715	567	448	354
100%	99%	96%	92%	86%	79%	71%	63%	55%	47%	40%	33%	27%	22%	18%	14%	12%	9%	7%	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°
6178	6119	5944	5666	5298	4866	4387	3891	3389	2910	2458	2053	1690	1380	1113	893	710	563	444	351
100%	99%	96%	92%	86%	79%	71%	63%	55%	47%	40%	33%	27%	22%	18%	14%	12%	9%	7%	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°
6178	6119	5944	5666	5298	4866	4387	3891	3389	2910	2458	2053	1690	1380	1113	893	710	563	444	351
100%	99%	96%	92%	86%	79%	71%	63%	55%	47%	40%	33%	27%	22%	18%	14%	12%	9%	7%	6%

Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
34.5°	66.6°	89.8°	99.1%	95.7%