

Focus Flex



Light Efficiency:



Light Quality:



Color Temperature:



Output: 2336 lm

Peak: 6491 cd

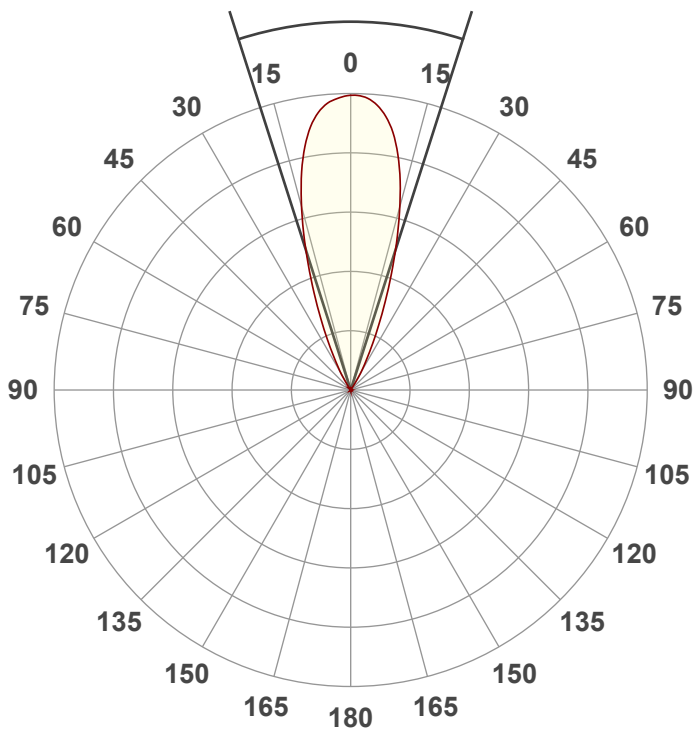
Power: 181.2 W

PF: 0.98



Beam Angle

35.5°



Test:

CRI Zoom Out

Date:

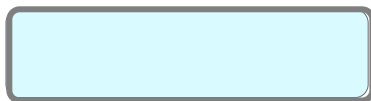
6/1/2022

Note:

R @ 71

G @ 96

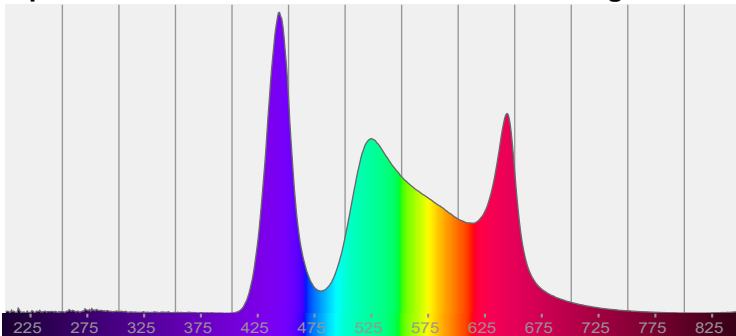
W @ 255



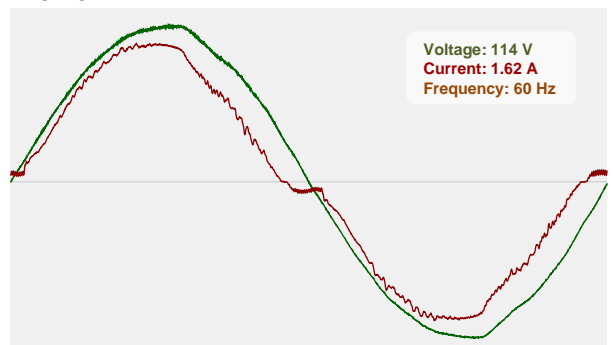
CIE 1931
x: 0.316
y: 0.328

Spectra

Dominant Wavelength: 829nm

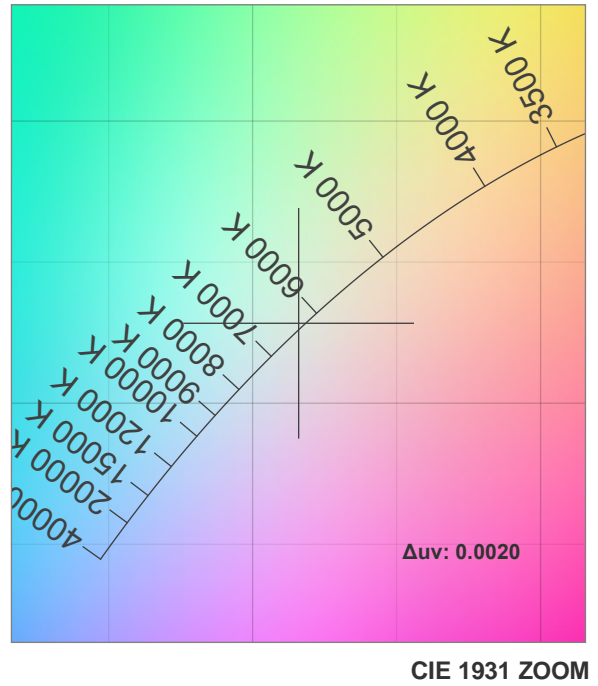
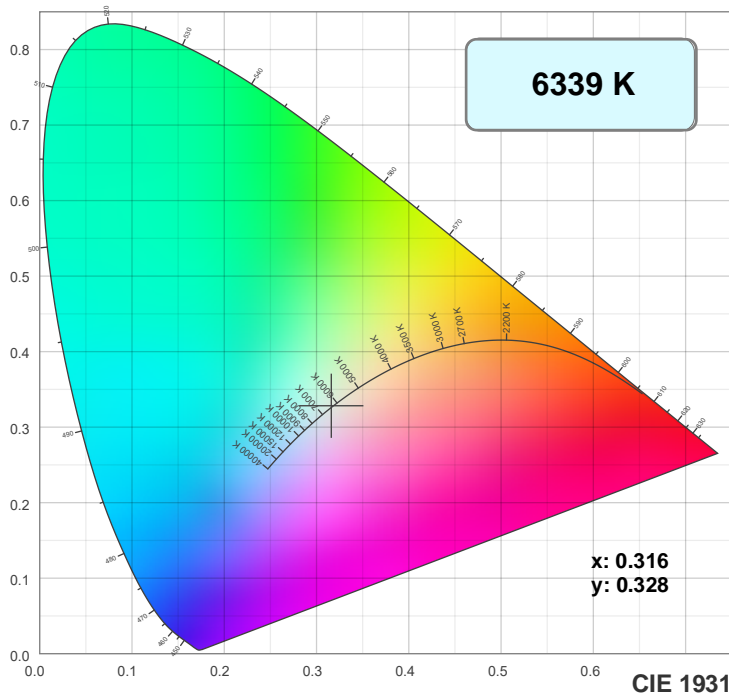


Power

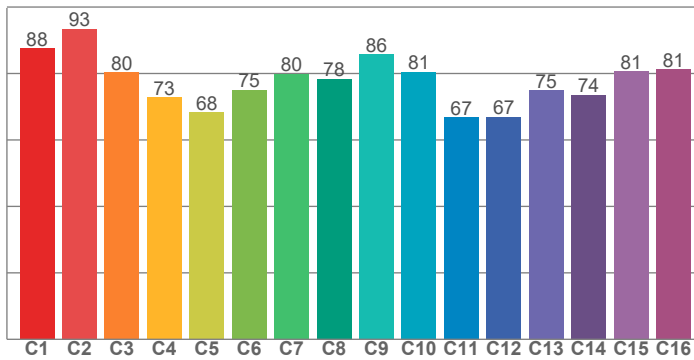


Voltage: 114 V
Current: 1.62 A
Frequency: 60 Hz

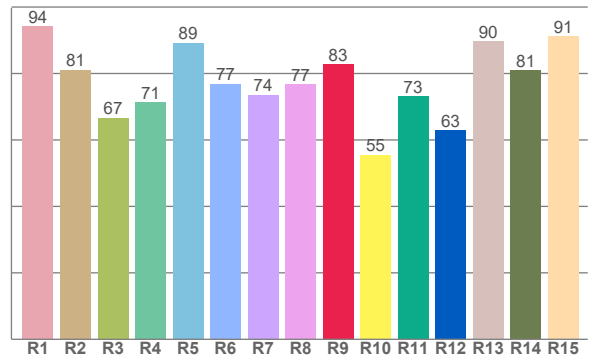
Color Details



TM30: 77.9



CRI: 78.7 (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
94.1	81.1	66.6	71.4	89.2	76.9	73.6	76.7	82.9	55.5	73.1	63.0	89.6	80.9	91.2

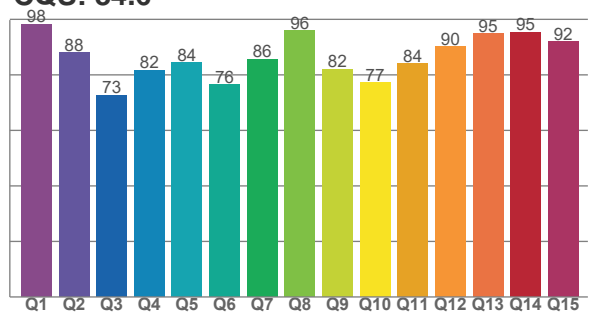
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
87.5	93.4	80.3	72.7	68.3	75.0	79.8	78.3	85.7	80.5	66.9	66.9	74.9	73.5	80.6	81.2

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
98.3	87.9	72.7	81.6	84.4	76.4	85.6	95.9	82.0	77.2	84.0	90.3	94.9	95.3	92.0

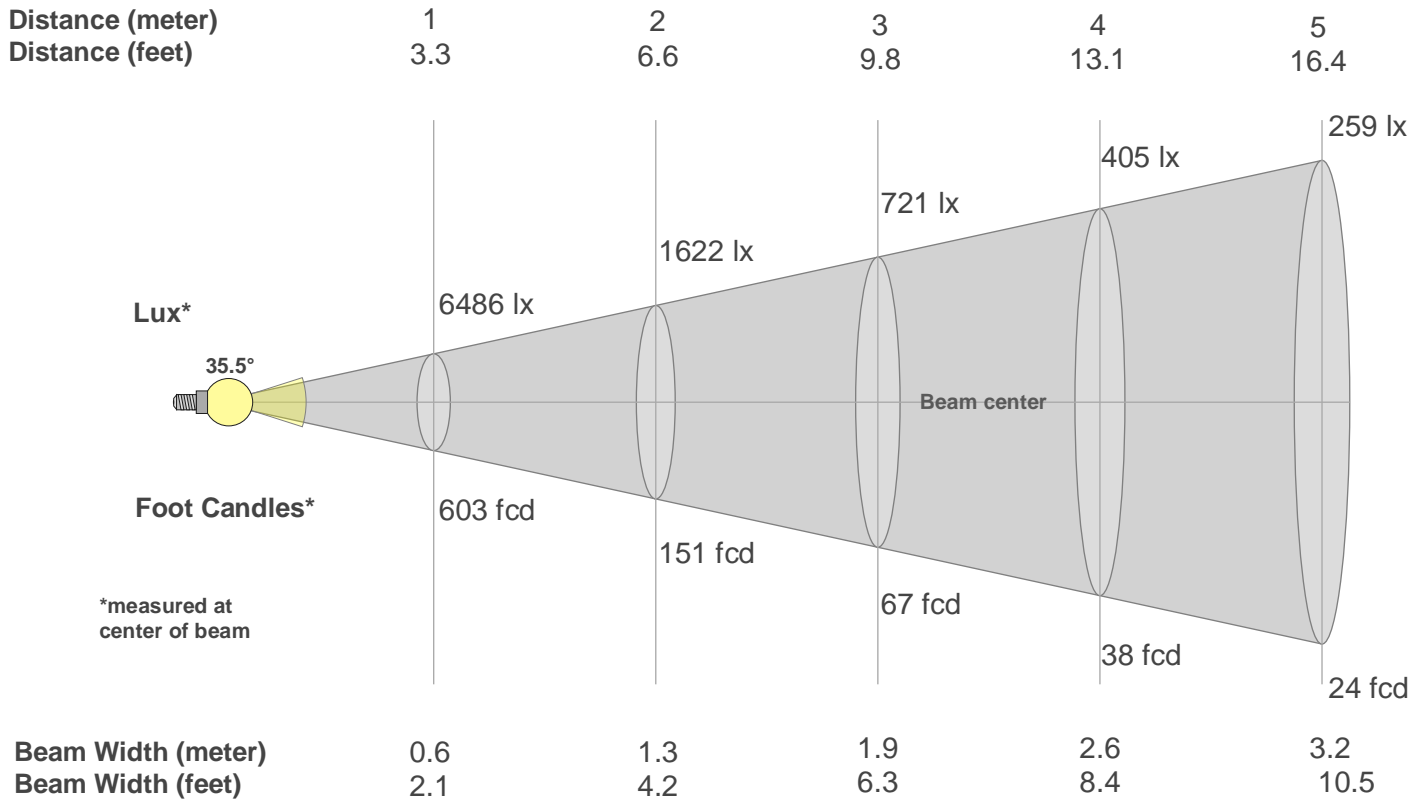
CQS: 84.6



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
6339 K	78.7	82.9	77.9	109.7	84.6	0.316	0.328	0.200	0.312	0.0020

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	6486	1622	721	405	259	180	132	101	80	65	54	45	38	33	29	25	22	20	18	16
fcd	602.6	150.6	67	37.7	24.1	16.7	12.3	9.4	7.4	6	5	4.2	3.6	3.1	2.7	2.4	2.1	1.9	1.7	1.5

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°
6486	6446	6366	6214	5963	5591	5103	4504	3842	3155	2498	1904	1401	985	669	449	228	72	19	9
100%	99%	98%	96%	92%	86%	79%	69%	59%	49%	39%	29%	22%	15%	10%	7%	4%	1%	0%	0%

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°
6486	6446	6366	6214	5963	5591	5103	4504	3842	3155	2498	1904	1401	985	669	449	228	72	19	9
100%	99%	98%	96%	92%	86%	79%	69%	59%	49%	39%	29%	22%	15%	10%	7%	4%	1%	0%	0%

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°
6486	6473	6391	6223	5963	5593	5100	4506	3838	3157	2501	1913	1414	1010	696	467	247	67	14	4
100%	100%	99%	96%	92%	86%	79%	69%	59%	49%	39%	29%	22%	16%	11%	7%	4%	1%	0%	0%

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°
6486	6473	6391	6223	5963	5593	5100	4506	3838	3157	2501	1913	1414	1010	696	467	247	67	14	4
100%	100%	99%	96%	92%	86%	79%	69%	59%	49%	39%	29%	22%	16%	11%	7%	4%	1%	0%	0%

Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
35.5°	56.5°	65.3°	99.8%	99.7%