

Focus Flex



Light Efficiency:

10 Lumen/Watt

Light Quality:

CRI: 55.3

Color Temperature:

4219 K

Output: 2438 lm

Peak: 7250 cd

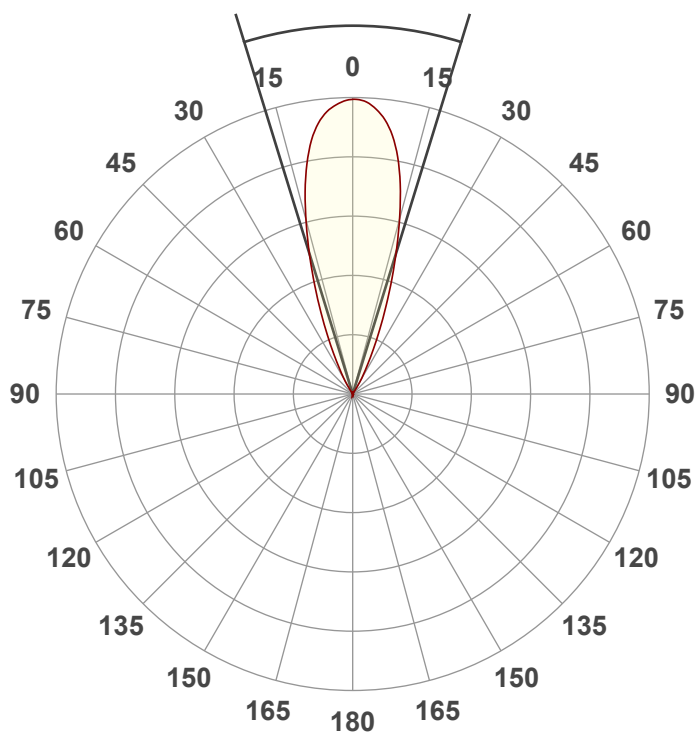
Power: 236 W

PF: 1.0



Beam Angle

34.3°



Test:

4200K Zoom Out

Date:

6/1/2022

Note:

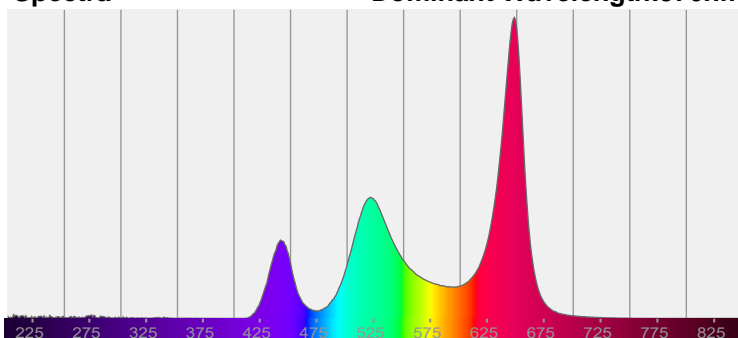
DMX @ 202



CIE 1931
x: 0.377
y: 0.396

Spectra

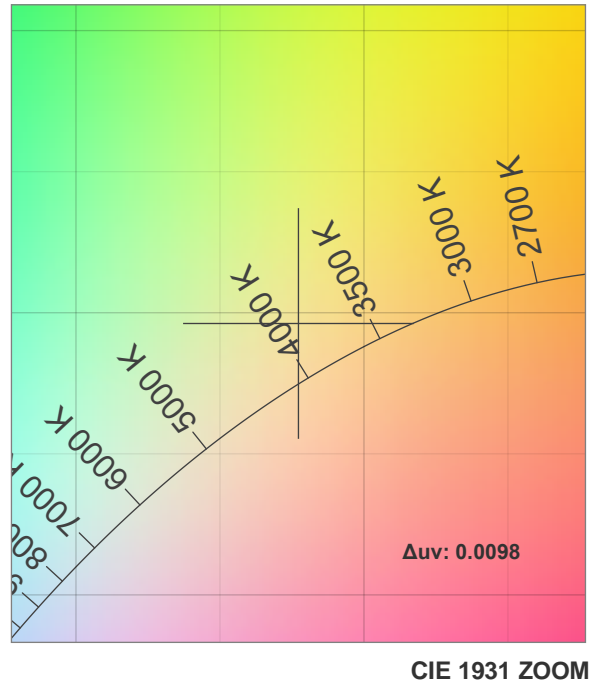
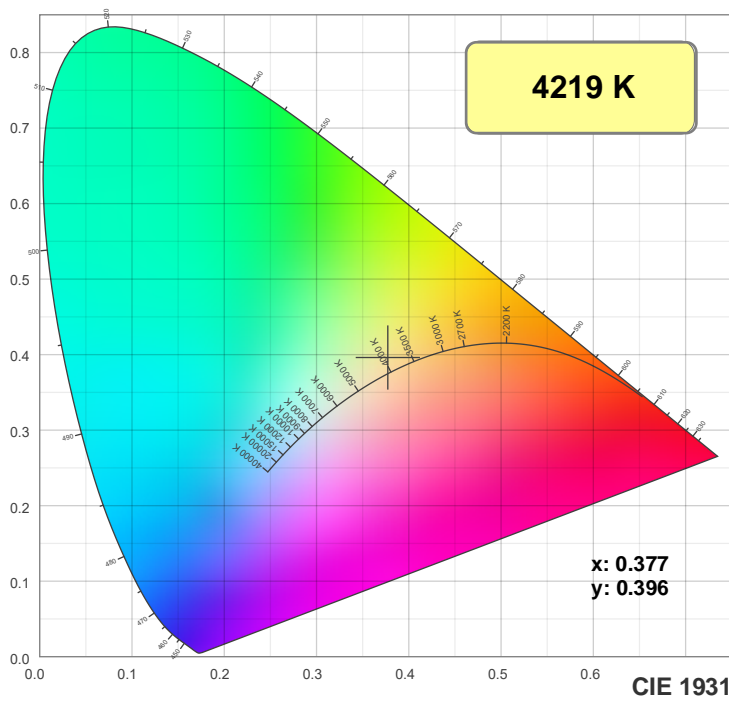
Dominant Wavelength: 576nm



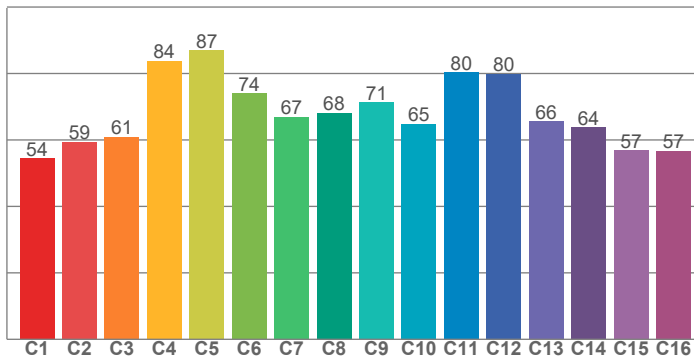
Power

Voltage: 119 V
Current: 1.99 A
Frequency: 0 Hz

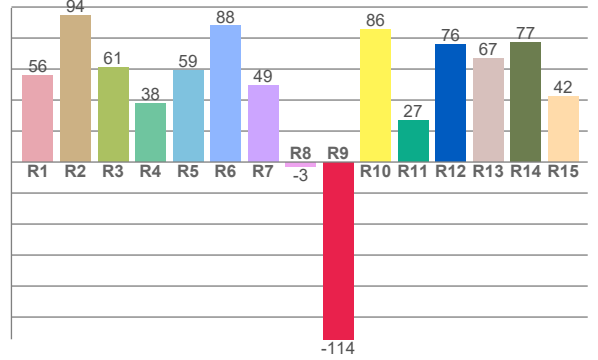
Color Details



TM30: 69.3



CRI: 55.3 (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
55.8	94.5	61.0	38.0	59.3	87.8	49.2	-2.9	-114.3	85.5	26.9	76.0	67.1	77.1	42.2

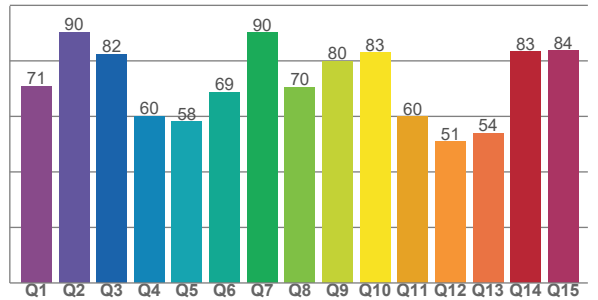
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
54.4	59.4	60.9	83.8	86.9	74.0	67.0	68.2	71.2	64.8	80.3	79.9	65.6	63.8	56.8	56.7

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
70.9	90.3	82.3	60.1	58.0	68.7	90.2	70.5	79.9	82.9	59.9	50.8	53.9	83.3	83.7

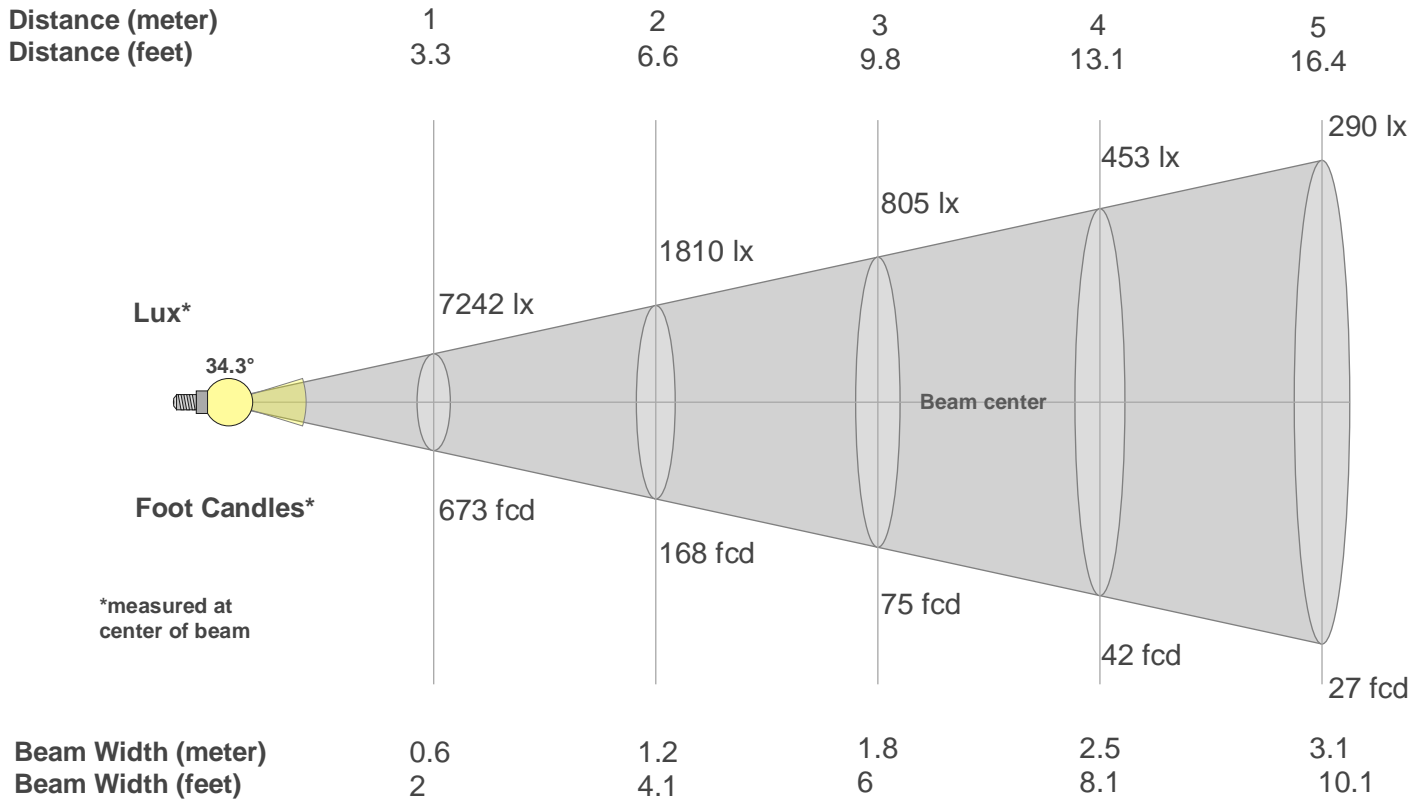
CQS: 69.5



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
4219 K	55.3	-114.3	69.3	119.3	69.5	0.377	0.396	0.216	0.340	0.0098

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	7242	1810	805	453	290	201	148	113	89	72	60	50	43	37	32	28	25	22	20	18
fcd	672.8	168.2	74.8	42	26.9	18.7	13.7	10.5	8.3	6.7	5.6	4.7	4	3.4	3	2.6	2.3	2.1	1.9	1.7

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°
7242	7190	7070	6876	6566	6115	5522	4820	4055	3298	2578	1935	1394	959	628	394	180	25	2	0
100%	99%	98%	95%	91%	84%	76%	67%	56%	46%	36%	27%	19%	13%	9%	5%	2%	0%	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°
7242	7190	7070	6876	6566	6115	5522	4820	4055	3298	2578	1935	1394	959	628	394	180	25	2	0
100%	99%	98%	95%	91%	84%	76%	67%	56%	46%	36%	27%	19%	13%	9%	5%	2%	0%	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°
7242	7213	7089	6878	6565	6121	5537	4831	4060	3296	2578	1940	1405	973	653	423	184	34	1	0
100%	100%	98%	95%	91%	85%	76%	67%	56%	46%	36%	27%	19%	13%	9%	6%	3%	0%	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°
7242	7213	7089	6878	6565	6121	5537	4831	4060	3296	2578	1940	1405	973	653	423	184	34	1	0
100%	100%	98%	95%	91%	85%	76%	67%	56%	46%	36%	27%	19%	13%	9%	6%	3%	0%	0%	0%

Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
34.3°	54.7°	64°	100.0%	100.0%