

Focus Flex



Light Efficiency:

5 Lumen/Watt

Light Quality:

CRI: 55.2

Color Temperature:

4306 K

Output: 1322 lm

Peak: 281989 cd

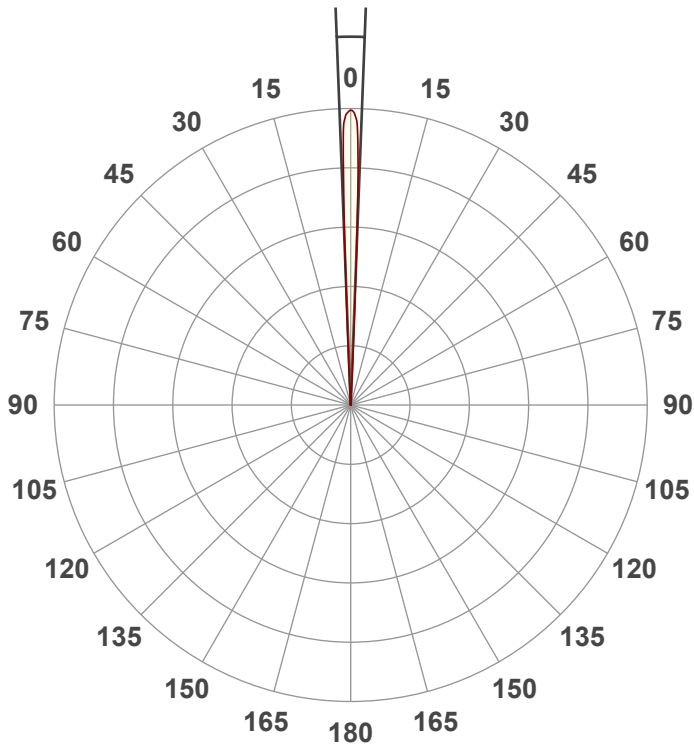
Power: 243.9 W

PF: 0.99



Beam Angle

4.4°



Test:

4200K Zoom In

Date:

6/1/2022

Note:

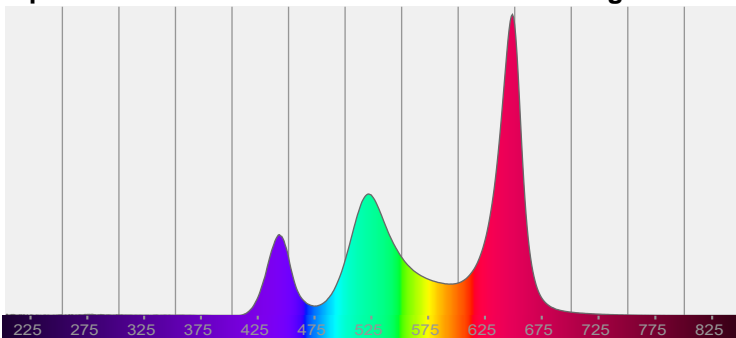
DMX @ 204



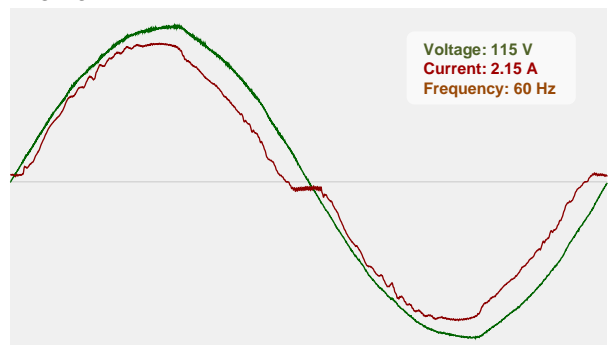
CIE 1931
x: 0.373
y: 0.391

Spectra

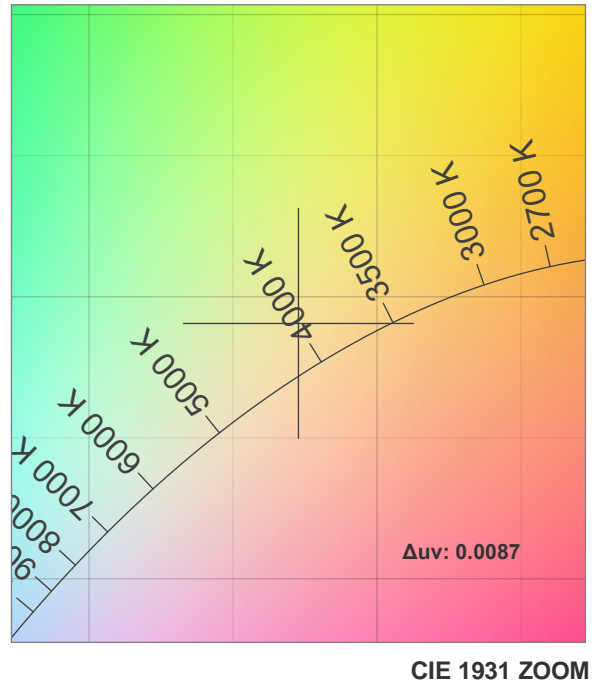
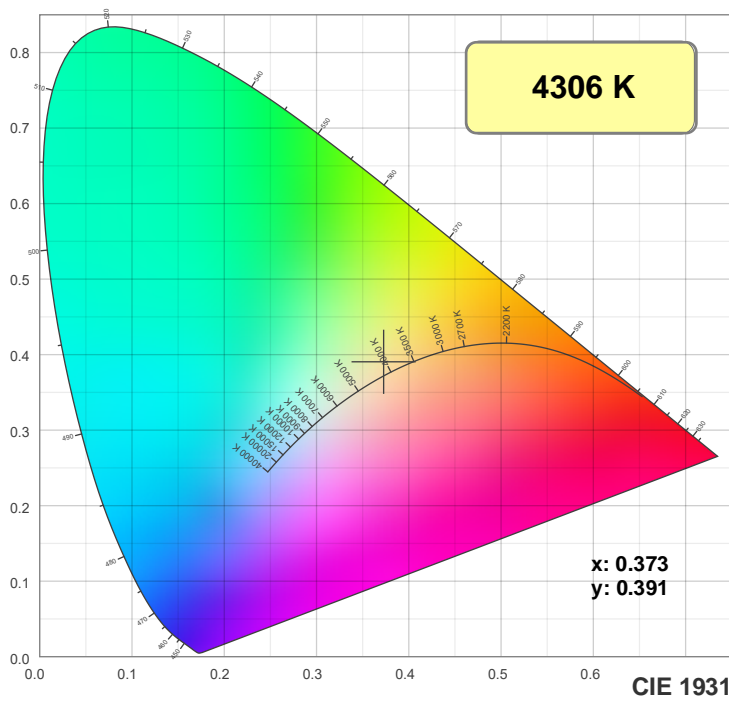
Dominant Wavelength: 577nm



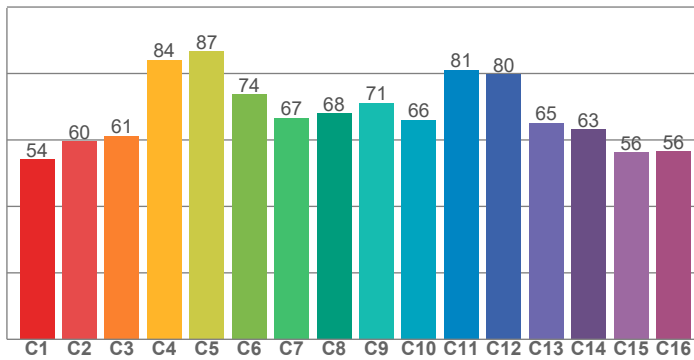
Power



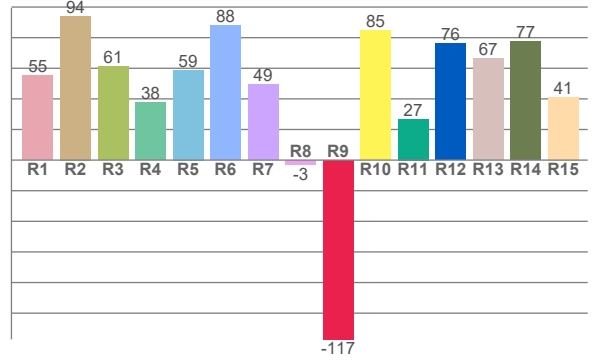
Color Details



TM30: 69.2



CRI: 55.2 (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
55.4	94.1	61.3	37.8	58.9	87.7	49.5	-3.2	-117.1	84.5	26.8	76.4	66.6	77.3	41.2

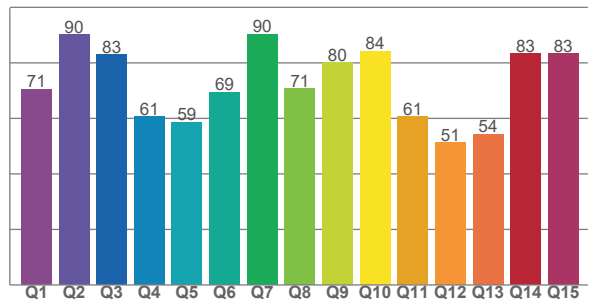
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
54.1	59.5	61.2	84.1	86.6	73.7	66.7	68.0	71.2	66.1	81.1	79.7	65.1	63.1	56.2	56.5

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
70.5	90.2	82.9	60.5	58.6	69.4	90.3	70.7	80.1	84.2	60.6	51.3	54.3	83.3	83.3

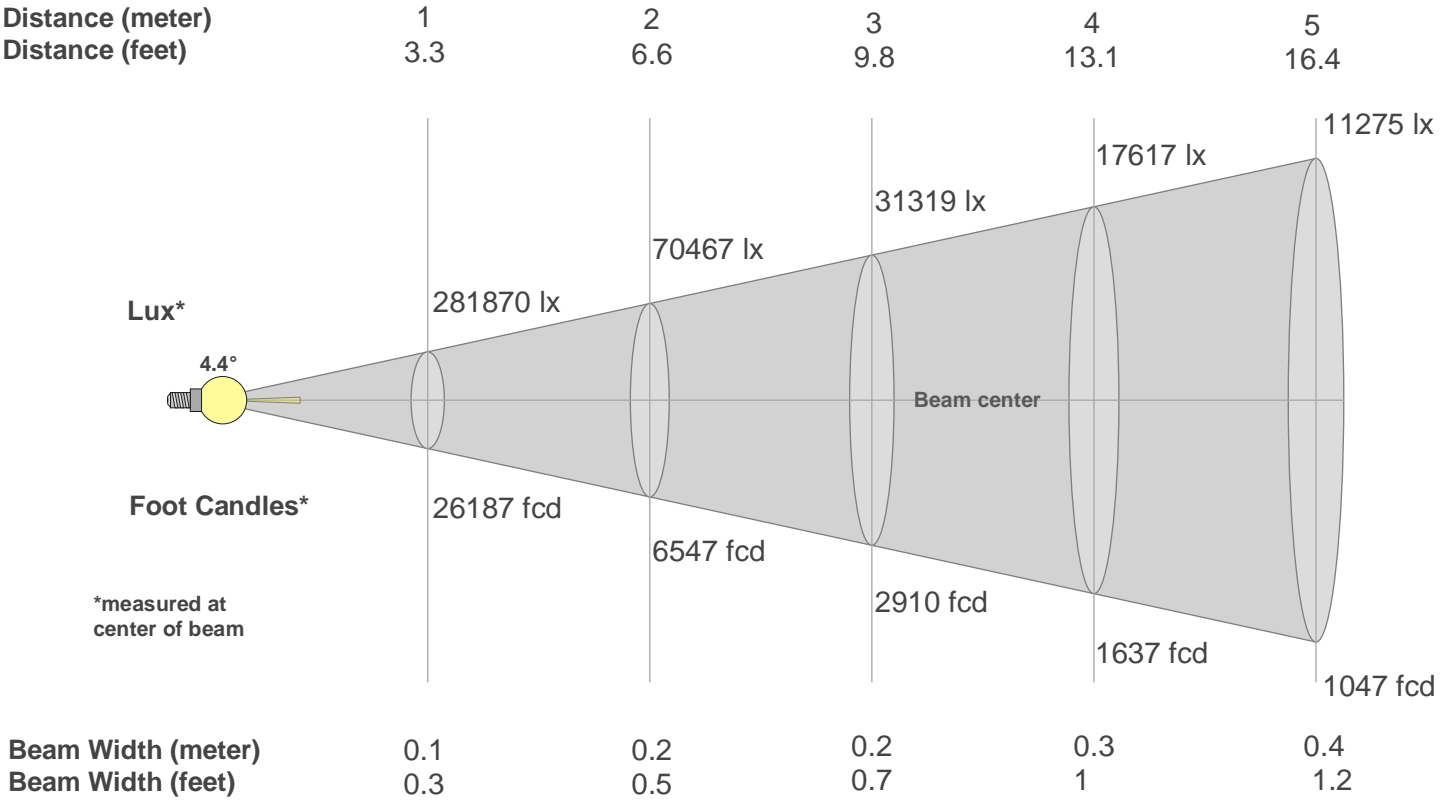
CQS: 69.8



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
4306 K	55.2	-117.1	69.2	119.8	69.8	0.373	0.391	0.215	0.338	0.0087

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	281870	70467	31319	17617	11275	7830	5752	4404	3480	2819	2330	1957	1668	1438	1253	1101	975	870	781	705
fcd	26186.6	6546.6	2909.6	1636.7	1047.5	727.4	534.4	409.2	323.3	261.9	216.4	181.9	155	133.6	116.4	102.3	90.6	80.8	72.5	65.5

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°	
282K	276K	179K	13K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	98%	63%	4%	0%	0%	0%	0%	0%	0%	0%	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°	
282K	276K	179K	13K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	98%	63%	4%	0%	0%	0%	0%	0%	0%	0%	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°	
282K	274K	185K	11K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	97%	65%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	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°	
282K	274K	185K	11K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	97%	65%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	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
4.4°	5.6°	6.2°	100.0%	100.0%