

Focus Flex



Light Efficiency:

7 Lumen/Watt

Light Quality:

CRI: 69.3

Color Temperature:

5454 K

Output: 1664 lm

Peak: 345227 cd

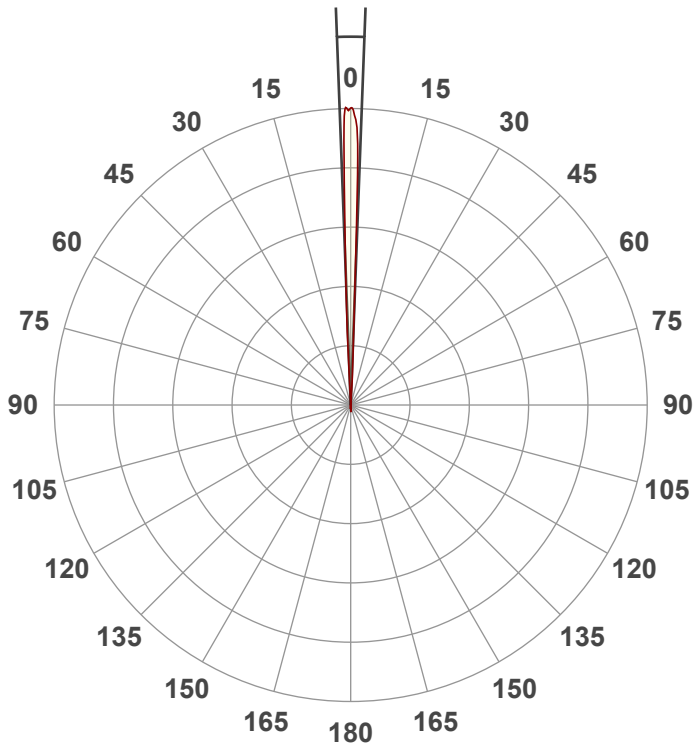
Power: 241.9 W

PF: 0.99



Beam Angle

4.3°



Test:

5400K Zoom In

Date:

6/1/2022

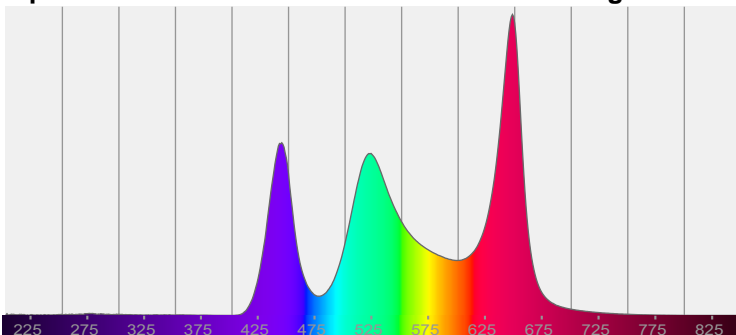
Note:

DMX @ 234

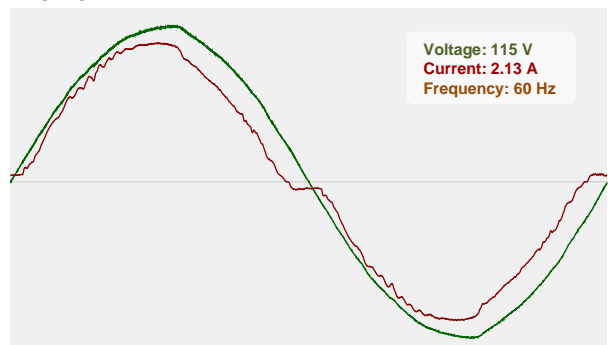
CIE 1931
x: 0.334
y: 0.354

Spectra

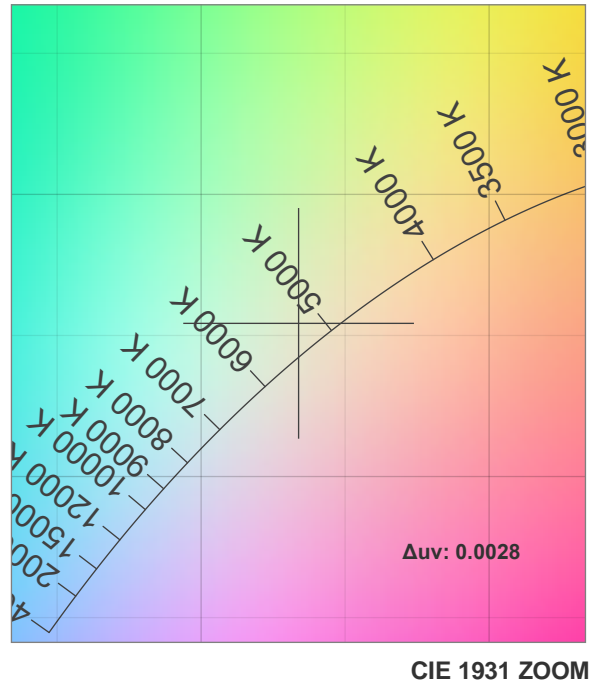
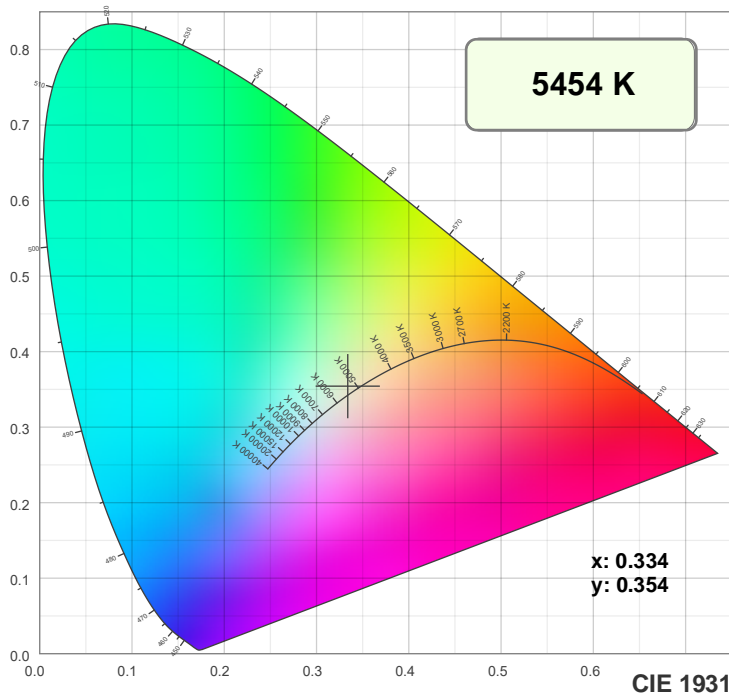
Dominant Wavelength: 575nm



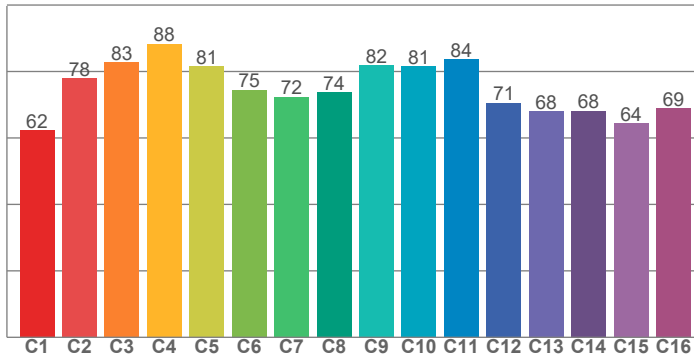
Power



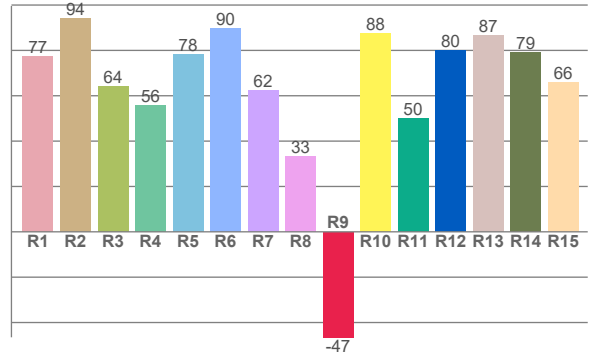
Color Details



TM30: 76.2



CRI: 69.3 (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
77.2	94.0	64.0	55.9	78.2	89.7	62.5	33.3	-46.5	87.6	49.9	80.1	86.5	79.2	65.7

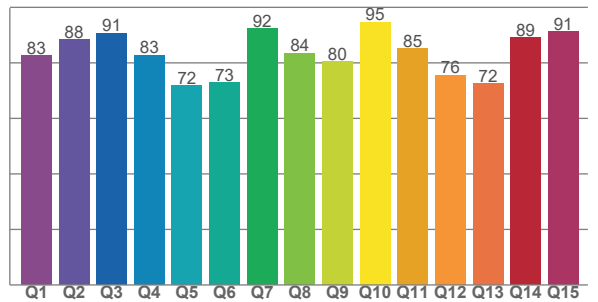
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
62.3	77.9	82.7	88.2	81.5	74.5	72.3	73.7	81.9	81.5	83.7	70.5	68.0	68.2	64.3	68.9

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
82.6	88.3	90.7	82.8	71.7	72.9	92.4	83.5	80.5	94.6	85.1	75.6	72.5	89.1	91.2

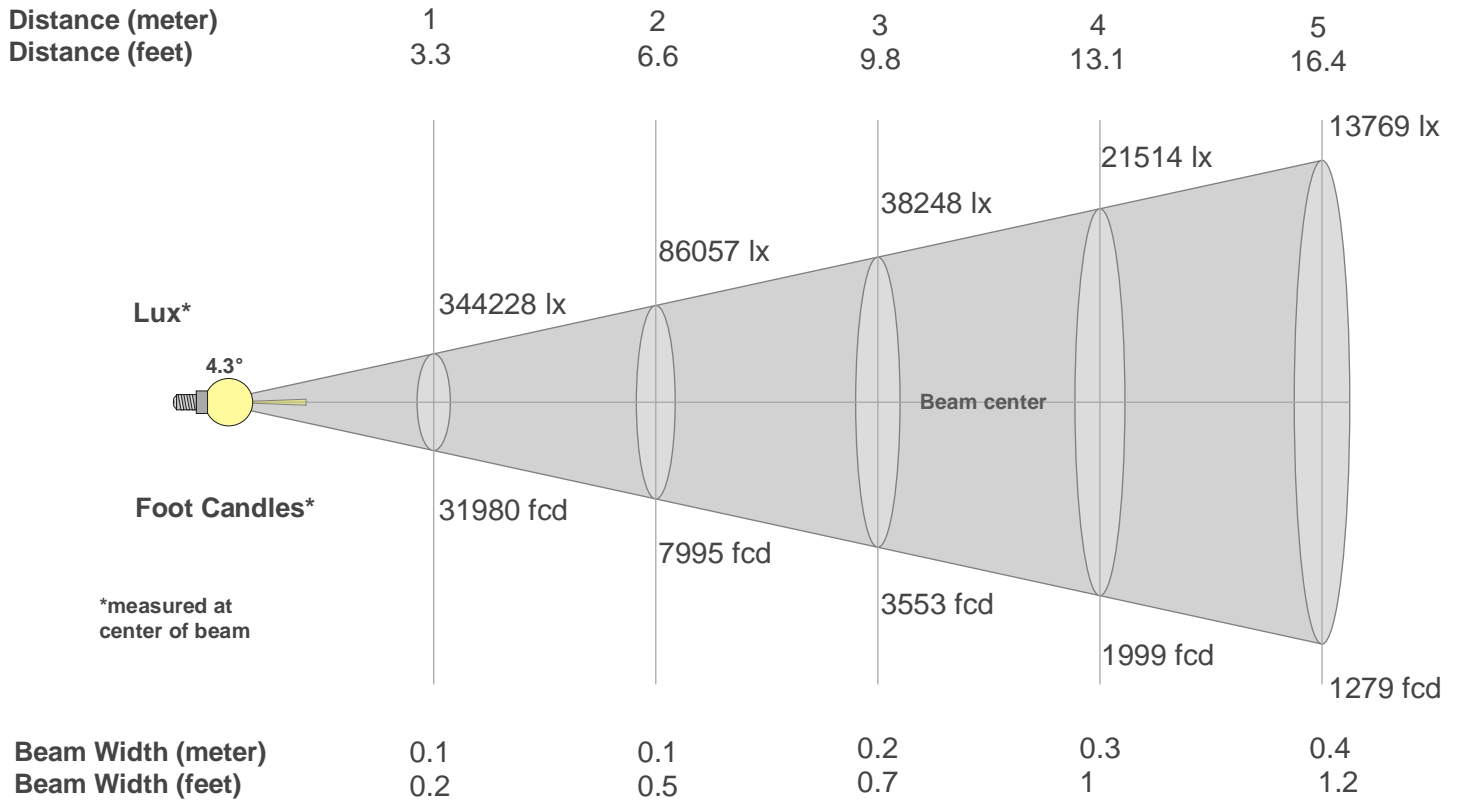
CQS: 82.0



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
5454 K	69.3	-46.5	76.2	117.8	82.0	0.334	0.354	0.203	0.323	0.0028

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	344228	86057	38248	21514	13769	9562	7025	5379	4250	3442	2845	2390	2037	1756	1530	1345	1191	1062	954	861
fcd	31979.8	7995	3553.3	1998.7	1279.2	888.3	652.7	499.7	394.8	319.8	264.3	222.1	189.2	163.2	142.1	124.9	110.7	98.7	88.6	79.9

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°
344K	334K	200K	49K	1K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	97%	58%	14%	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°
344K	334K	200K	49K	1K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	97%	58%	14%	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°
344K	323K	204K	38K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	94%	59%	11%	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°
344K	323K	204K	38K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	94%	59%	11%	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
4.3°	6.2°	6.8°	100.0%	100.0%