

Focus Flex



Light Efficiency:

4 Lumen/Watt

Light Quality:

CRI: 15.5

Color Temperature:

2904 K

Output: 801 lm

Peak: 171664 cd

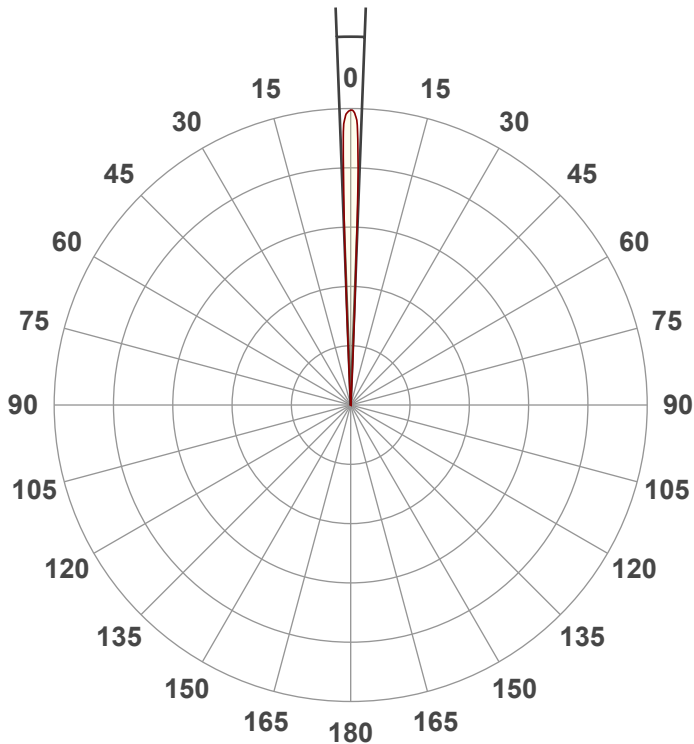
Power: 193.3 W

PF: 0.98



Beam Angle

4.3°



Test:

2800K Zoom In

Date:

6/1/2022

Note:

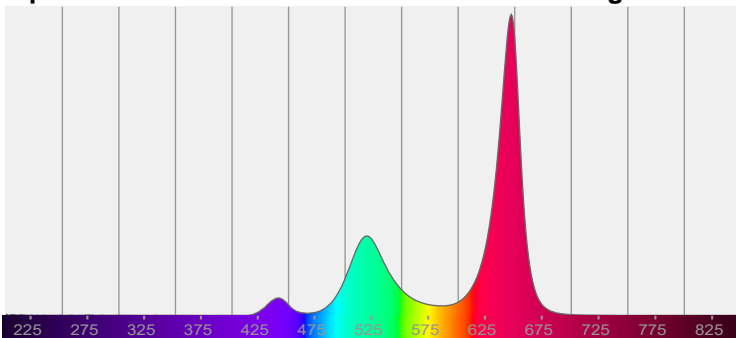
DMX @ 3



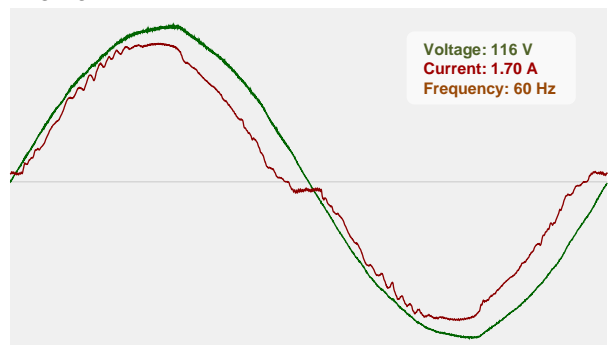
CIE 1931
x: 0.455
y: 0.428

Spectra

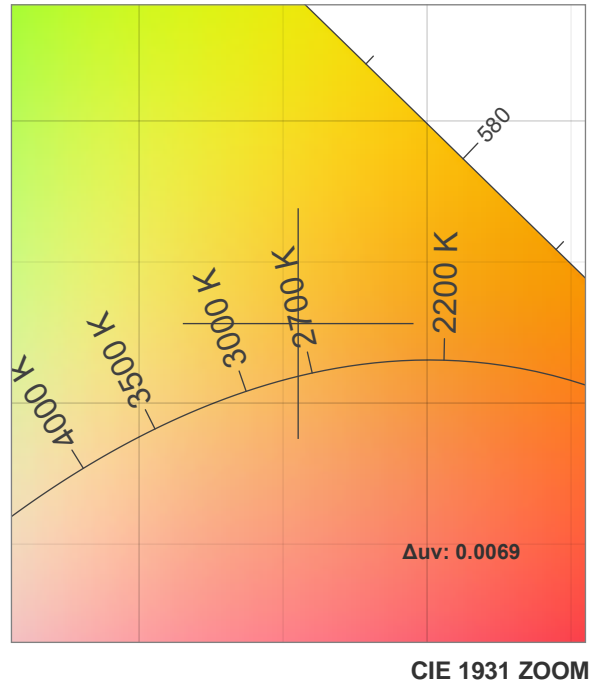
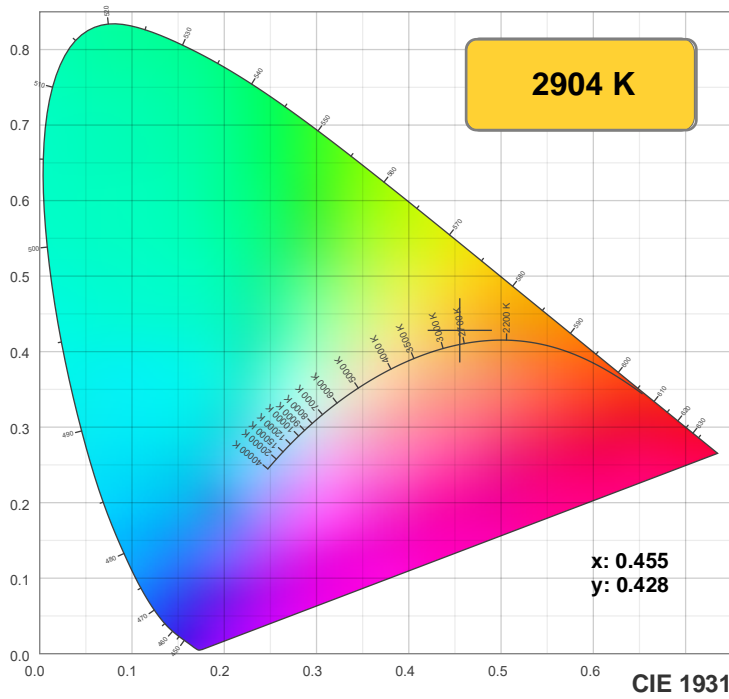
Dominant Wavelength: 582nm



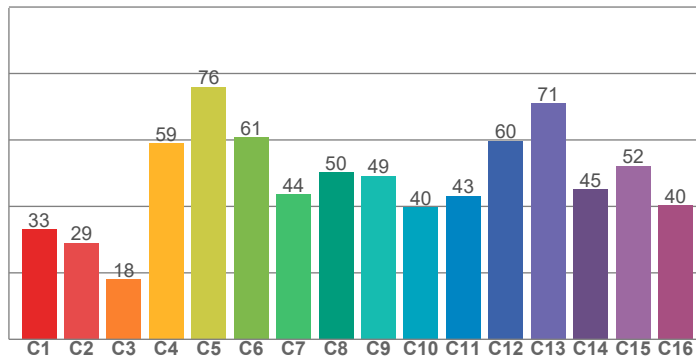
Power



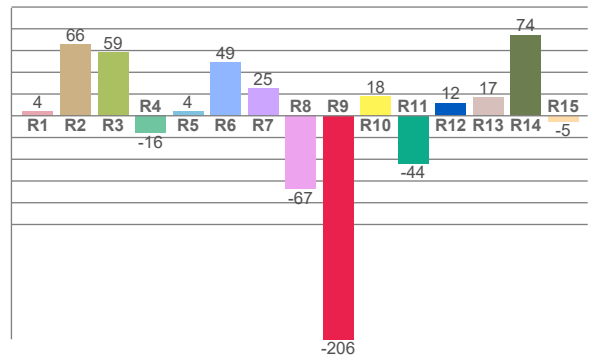
Color Details



TM30: 47.4



CRI: 15.5 (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
4.2	65.9	58.7	-16.0	3.8	49.2	25.3	-67.2	-205.6	18.1	-43.8	11.9	17.2	74.5	-5.1

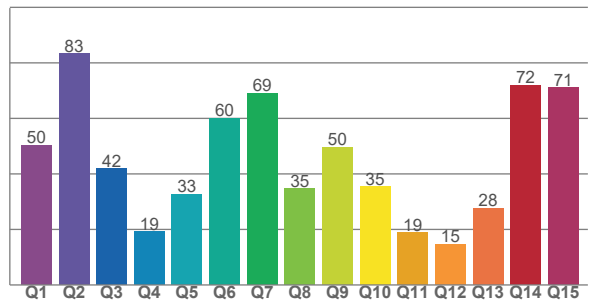
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
33.0	28.9	18.0	59.0	76.0	60.7	43.6	50.2	49.2	39.6	43.1	59.7	70.9	45.1	52.2	40.2

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
50.4	83.4	41.9	19.3	32.8	60.0	69.1	34.7	49.6	35.3	18.8	14.6	27.7	71.9	71.1

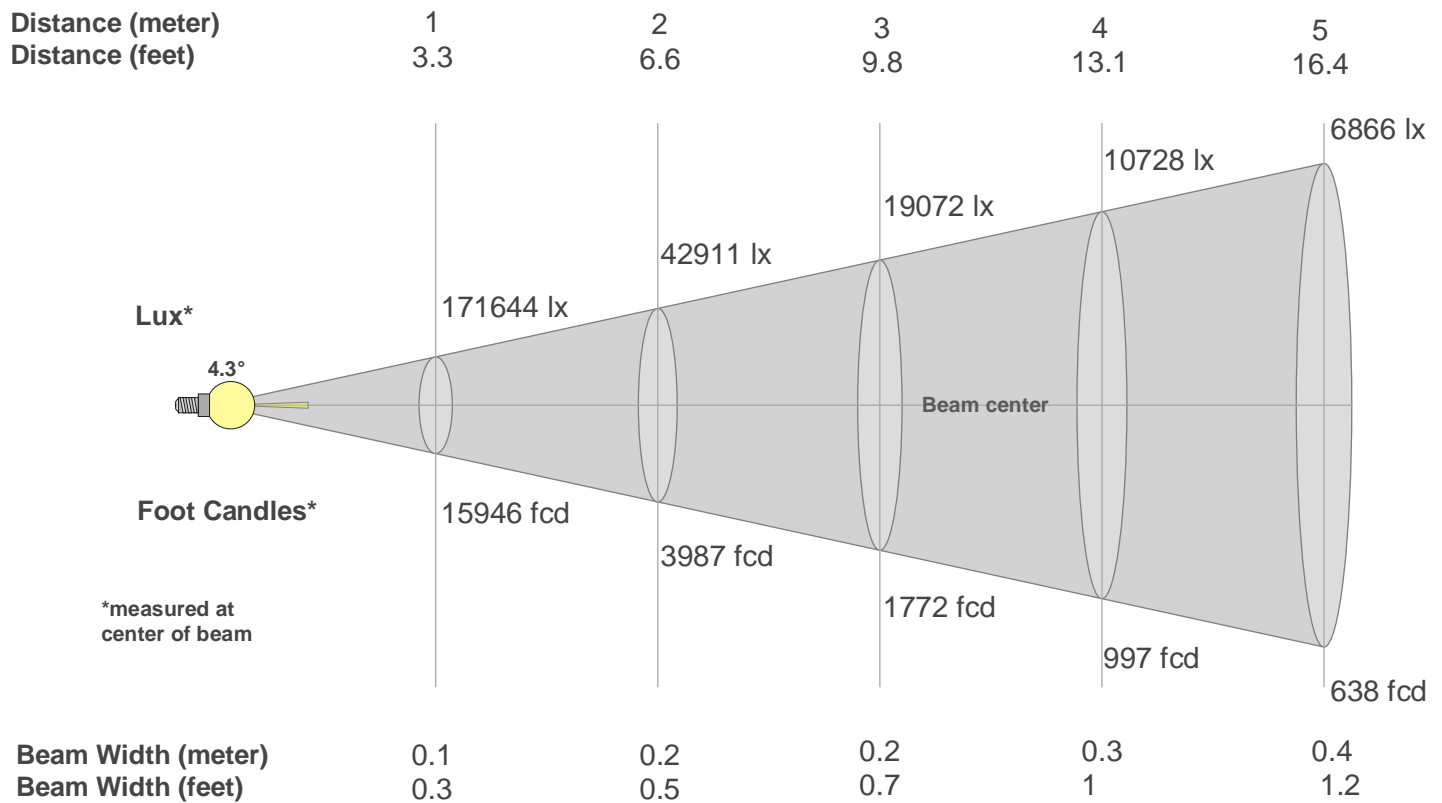
CQS: 40.8



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
2904 K	15.5	-205.6	47.4	111.4	40.8	0.455	0.428	0.252	0.355	0.0069

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	17164 4	42911	19072	10728	6866	4768	3503	2682	2119	1716	1419	1192	1016	876	763	670	594	530	475	429
fcd	15946. 2	3986.6	1771.8	996.6	637.8	443	325.4	249.2	196.9	159.5	131.8	110.7	94.4	81.4	70.9	62.3	55.2	49.2	44.2	39.9

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°
172K	168K	108K	7K	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%

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°
172K	168K	108K	7K	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%

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°
172K	167K	112K	6K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	98%	65%	4%	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°
172K	167K	112K	6K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	98%	65%	4%	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°	5.6°	6.2°	100.0%	100.0%