

Focus Flex



Light Efficiency:

4 Lumen/Watt

Light Quality:

CRI: 24.7

Color Temperature:

3188 K

Output: 898 lm

Peak: 194741 cd

Power: 204.7 W

PF: 0.98



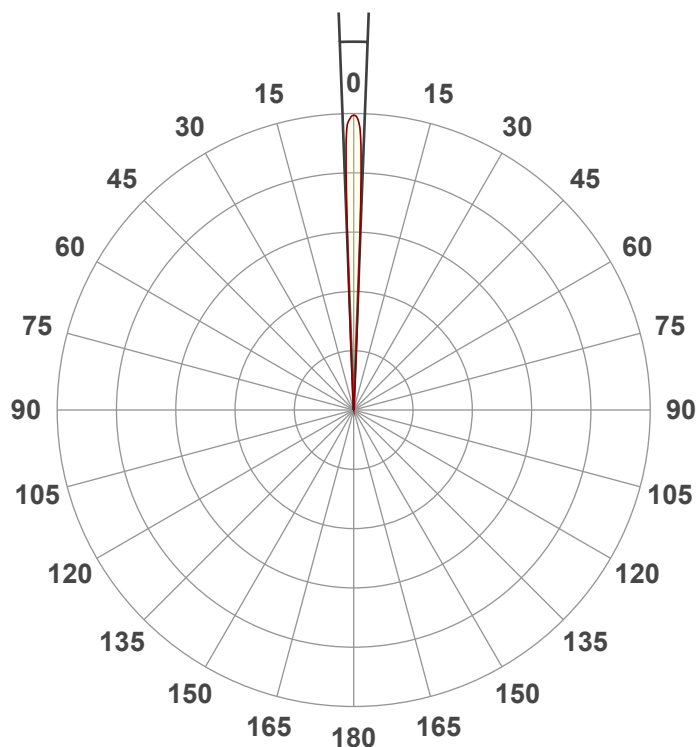
Beam Angle

4.3°

Test:
3200K Zoom In

Date:
6/1/2022

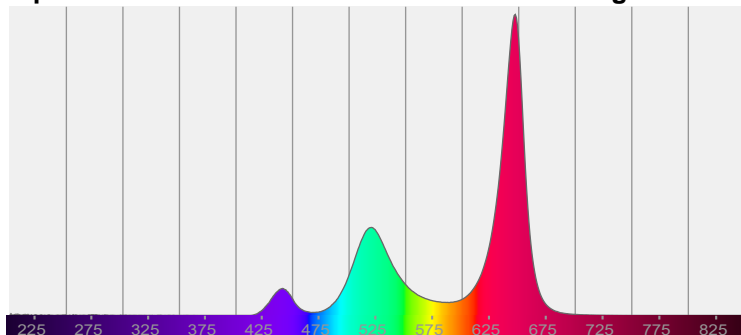
Note:
DMX @ 63



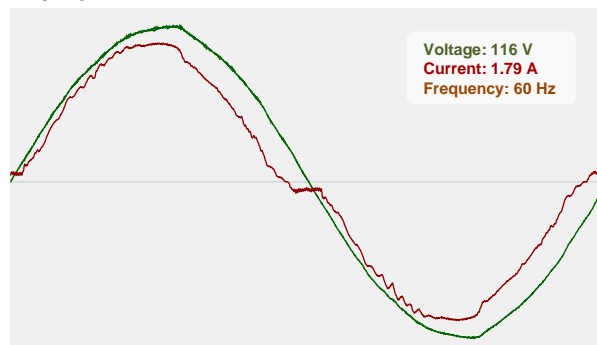
CIE 1931
x: 0.435
y: 0.423

Spectra

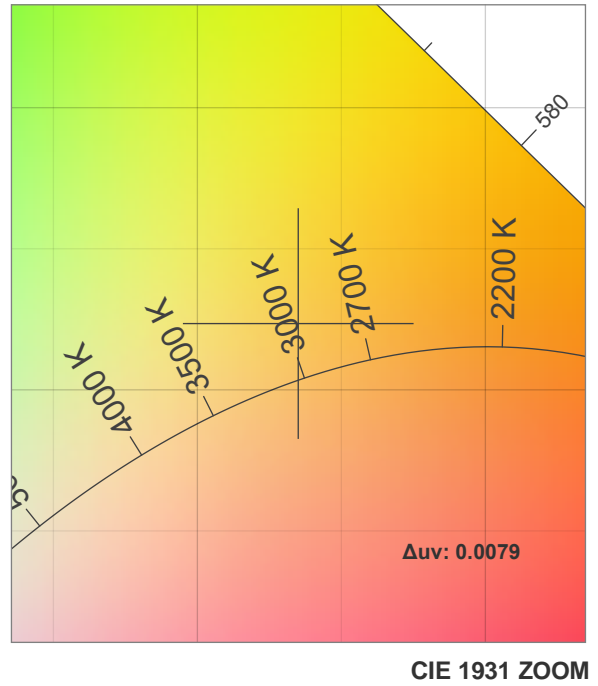
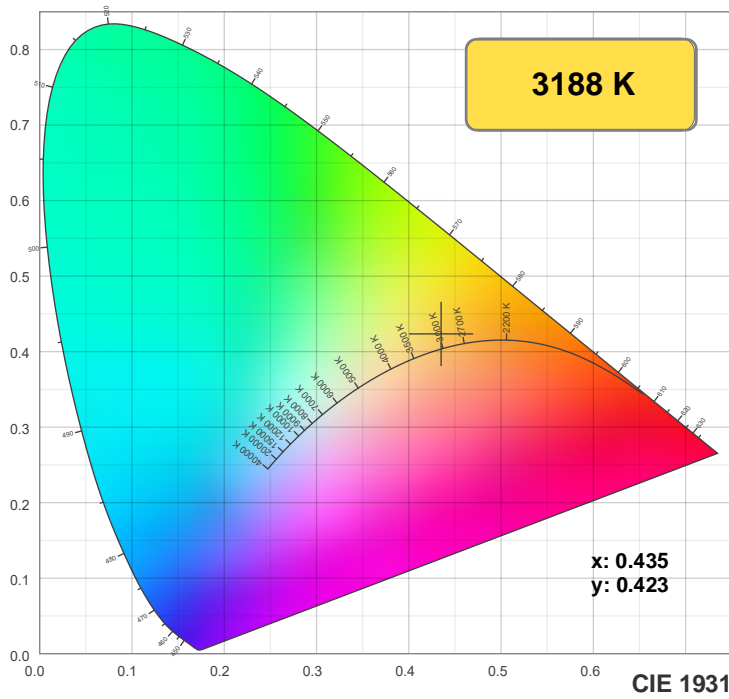
Dominant Wavelength: 580nm



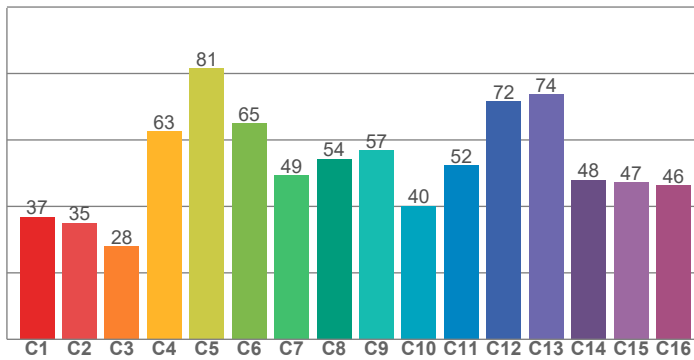
Power



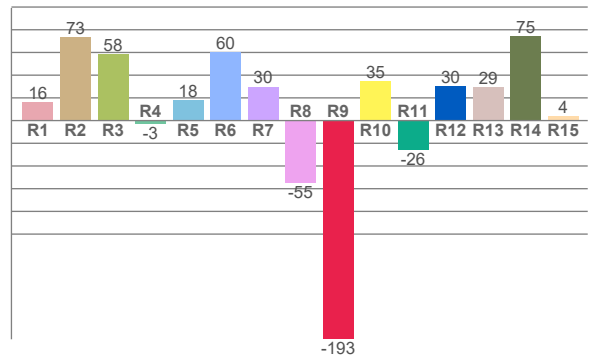
Color Details



TM30: 53.0



CRI: 24.7 (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
15.9	73.1	58.3	-2.8	17.7	60.4	29.7	-55.2	-192.7	34.7	-25.7	30.4	29.2	74.5	4.0

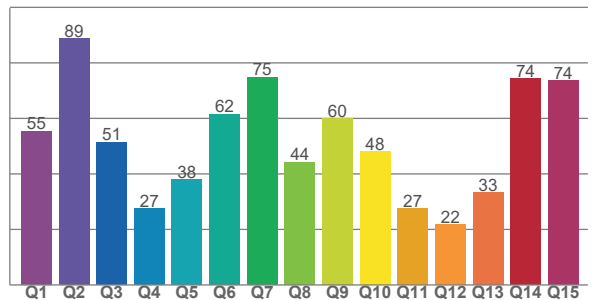
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
36.8	35.1	27.9	62.6	81.5	64.9	49.3	54.3	56.8	40.2	52.4	71.6	73.6	47.9	47.3	46.3

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
55.4	88.7	51.5	27.5	37.9	61.5	74.9	44.2	59.9	48.0	27.5	21.7	33.3	74.3	73.6

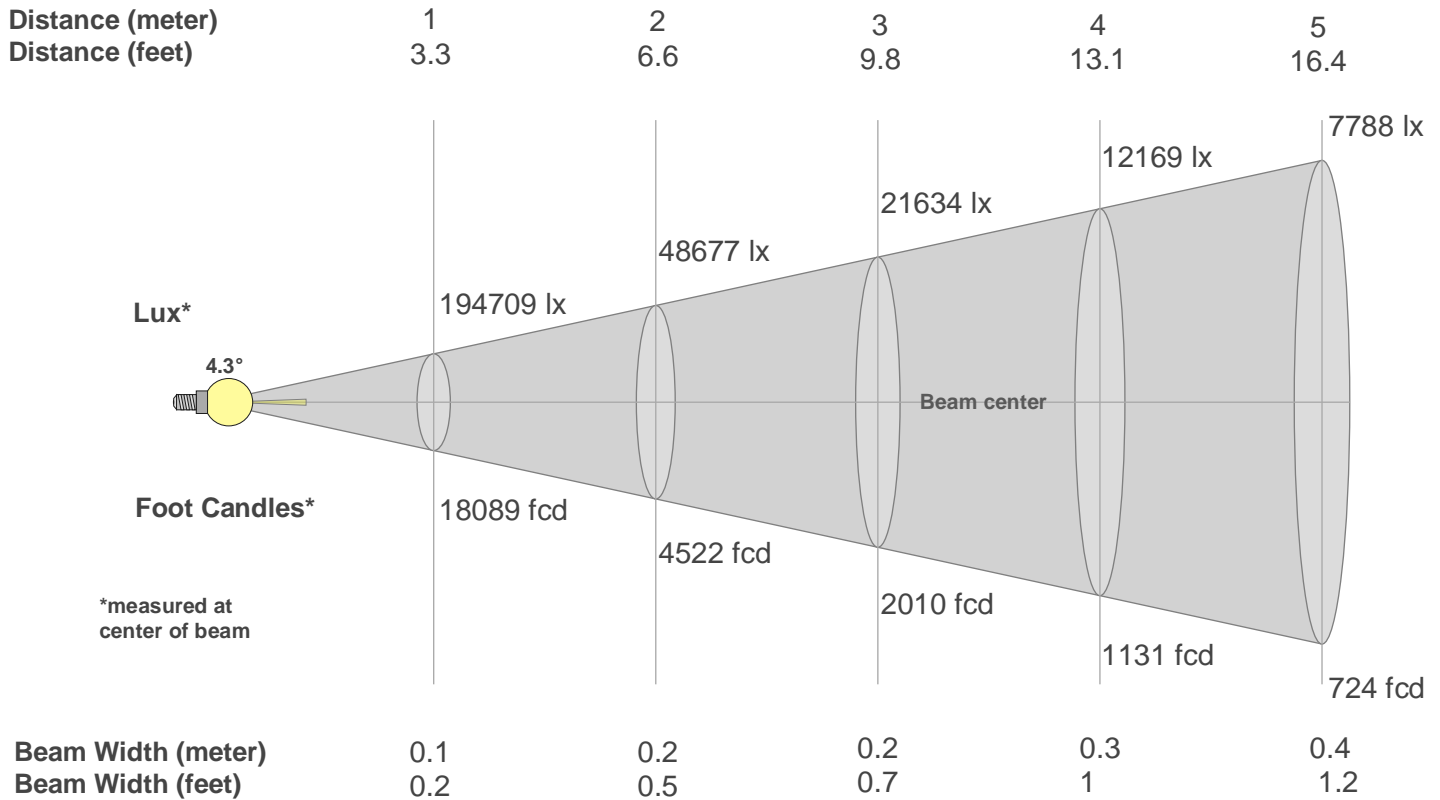
CQS: 47.8



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
3188 K	24.7	-192.7	53.0	115.6	47.8	0.435	0.423	0.241	0.352	0.0079

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	194709	48677	21634	12169	7788	5409	3974	3042	2404	1947	1609	1352	1152	993	865	761	674	601	539	487
fcd	18089.1	4522.3	2009.9	1130.6	723.6	502.5	369.2	282.6	223.3	180.9	149.5	125.6	107	92.3	80.4	70.7	62.6	55.8	50.1	45.2

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°
195K	191K	129K	6K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	98%	66%	3%	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°
195K	191K	129K	6K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	98%	66%	3%	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°
195K	190K	126K	5K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	98%	65%	3%	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°
195K	190K	126K	5K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	98%	65%	3%	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°	5.4°	6°	100.0%	100.0%