

Focus Flex



Light Efficiency:

6 Lumen/Watt

Light Quality:

CRI: 70.6

Color Temperature:

6238 K

Output: 1588 lm

Peak: 340284 cd

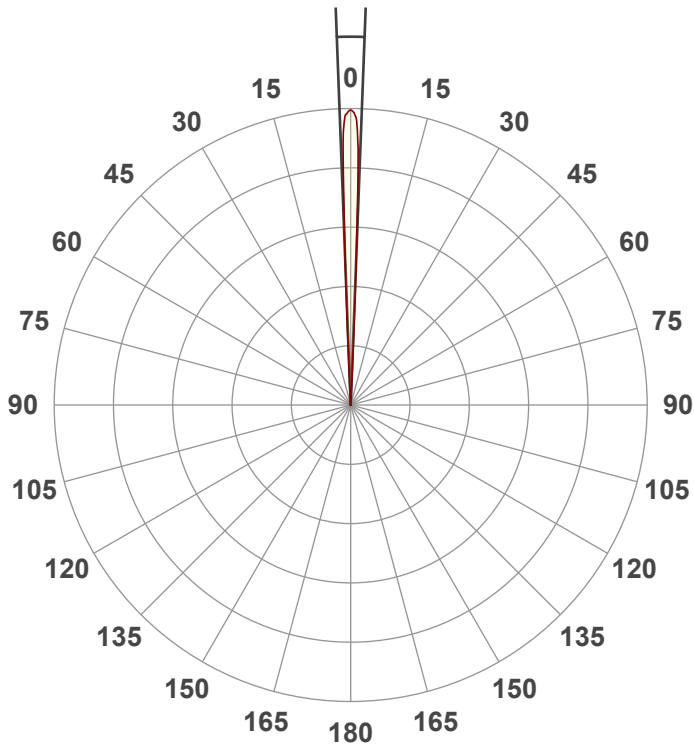
Power: 267.4 W

PF: 0.99



Beam Angle

4.3°



Test:

6200K Zoom In

Date:

6/1/2022

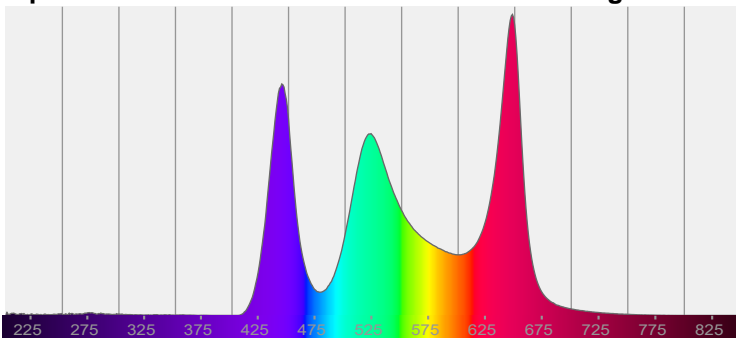
Note:

DMX @ 239

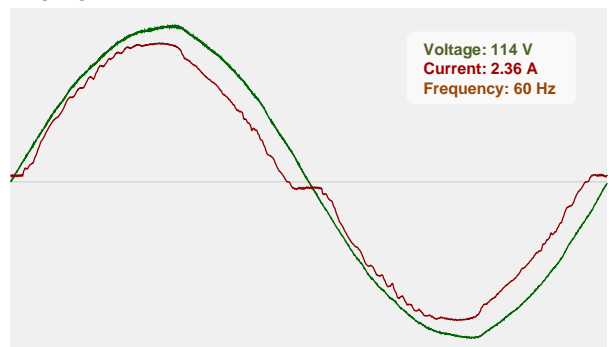
CIE 1931
x: 0.317
y: 0.336

Spectra

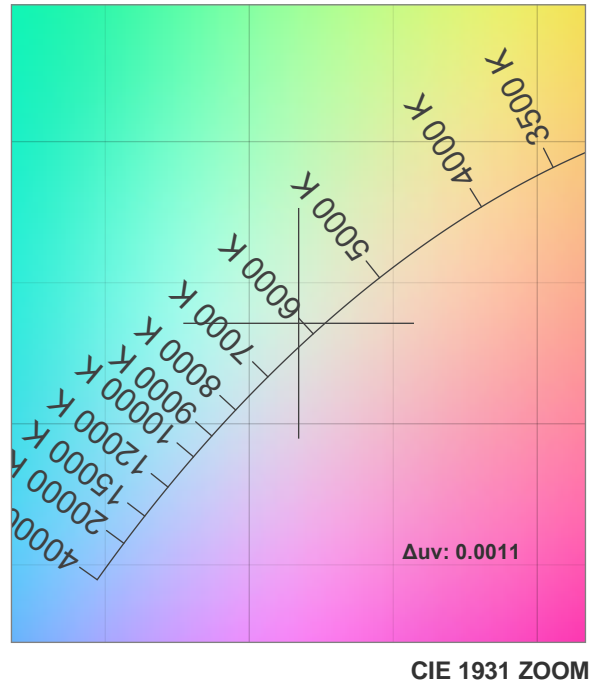
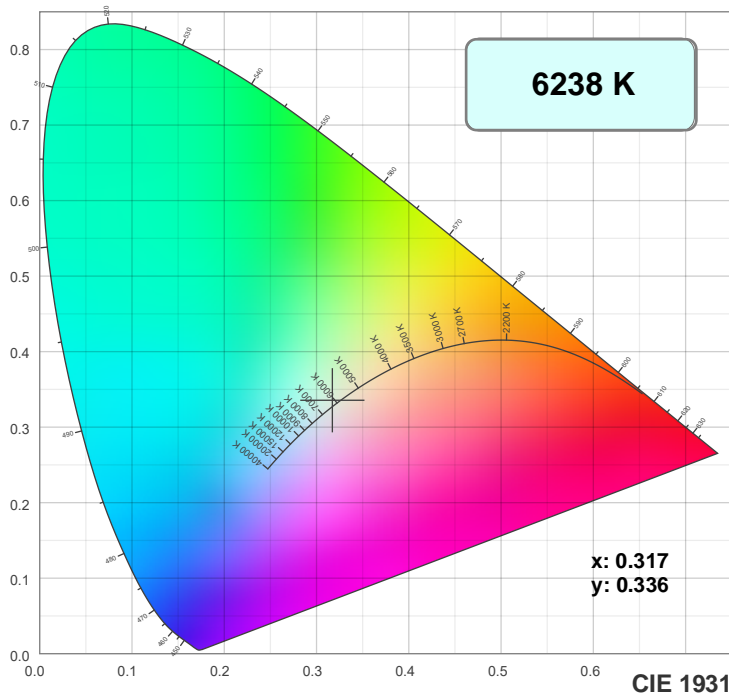
Dominant Wavelength: 572nm



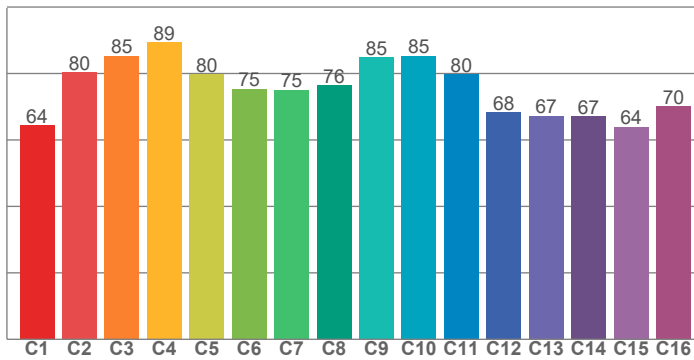
Power



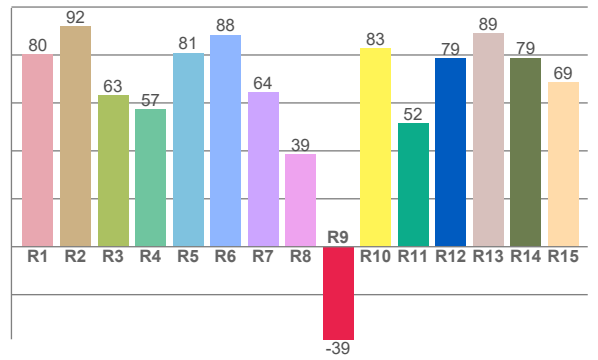
Color Details



TM30: 76.9



CRI: 70.6 (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
80.1	92.1	63.1	57.3	80.9	88.4	64.4	38.7	-38.6	82.6	51.6	78.6	89.2	78.8	68.7

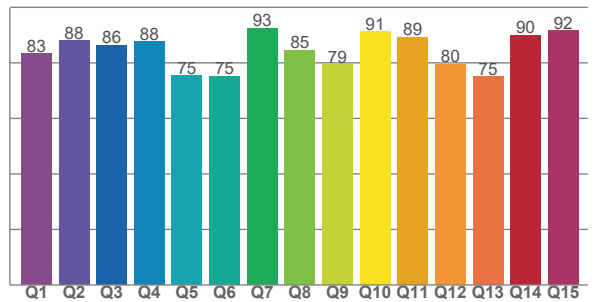
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
64.3	80.3	85.3	89.4	79.6	75.3	75.1	76.4	84.8	85.3	79.8	68.4	67.2	67.1	63.9	70.0

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
83.3	88.0	86.4	87.7	75.4	75.2	92.5	84.5	79.3	91.3	89.3	79.5	75.1	90.0	91.5

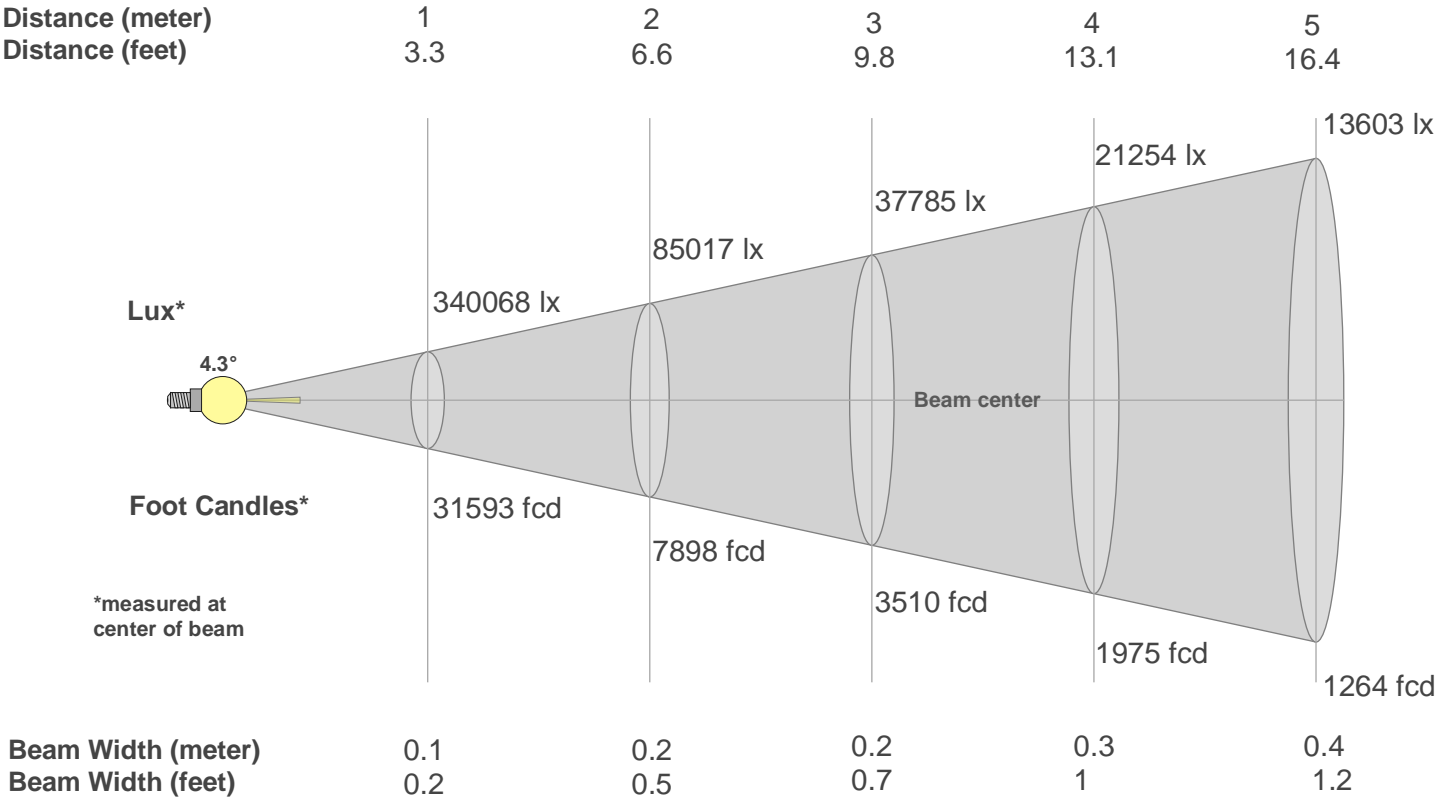
CQS: 83.5



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
6238 K	70.6	-38.6	76.9	117.2	83.5	0.317	0.336	0.198	0.315	0.0011

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	340068	85017	37785	21254	13603	9446	6940	5314	4198	3401	2810	2362	2012	1735	1511	1328	1177	1050	942	850
fcd	31593.4	7898.3	3510.4	1974.6	1263.7	877.6	644.8	493.6	390	315.9	261.1	219.4	186.9	161.2	140.4	123.4	109.3	97.5	87.5	79

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°
340K	333K	215K	17K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	98%	63%	5%	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°
340K	333K	215K	17K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	98%	63%	5%	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°
340K	331K	214K	15K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	97%	63%	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°
340K	331K	214K	15K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	97%	63%	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°	5.5°	6.3°	100.0%	100.0%