

# Focus Flex



Light Efficiency:

7 Lumen/Watt

Light Quality:

CRI: 78.7

Color Temperature:

6243 K

Output: 1246 lm

Peak: 264360 cd

Power: 185.5 W

PF: 0.98



Beam Angle

4.3°

Test:

CRI Zoom In

Date:

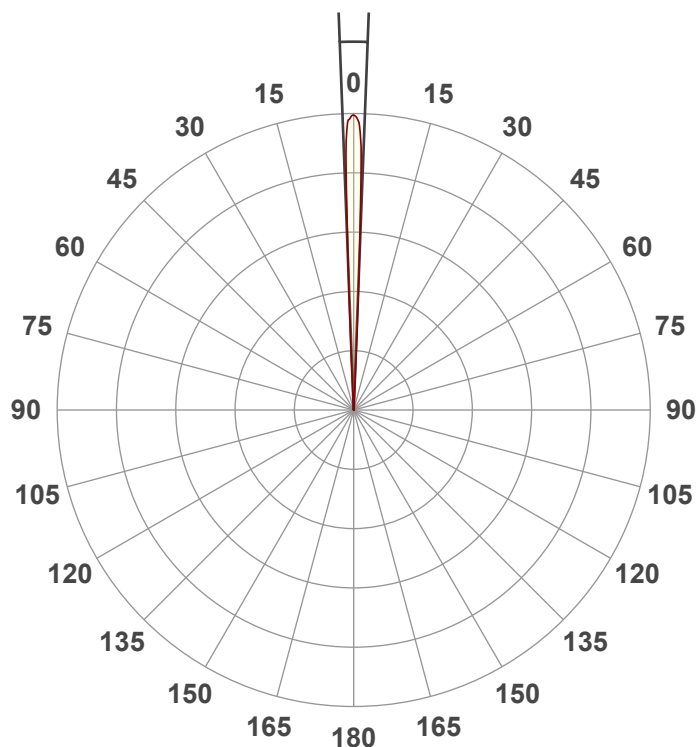
6/1/2022

Note:

R @ 81

G @ 109

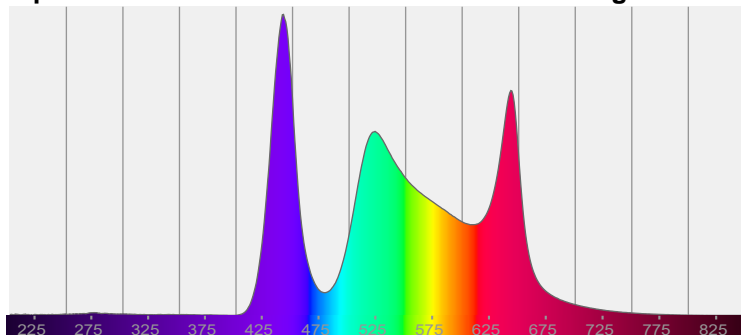
W @ 255



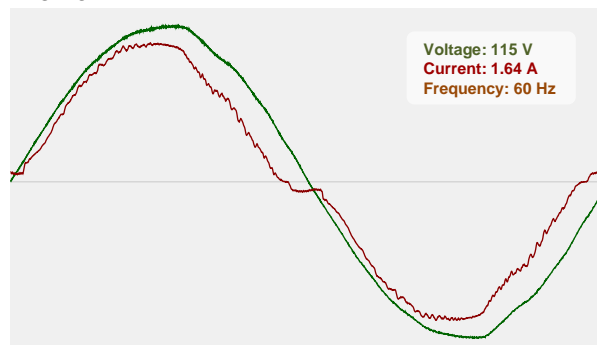
CIE 1931  
x: 0.318  
y: 0.331

Spectra

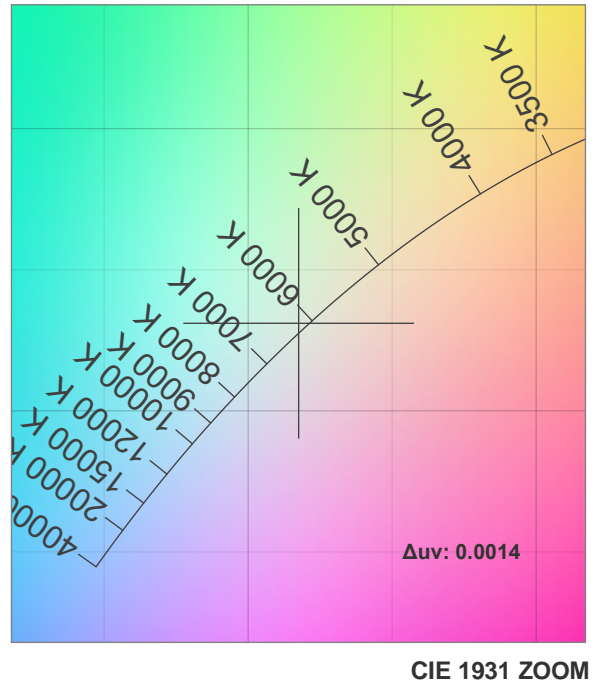
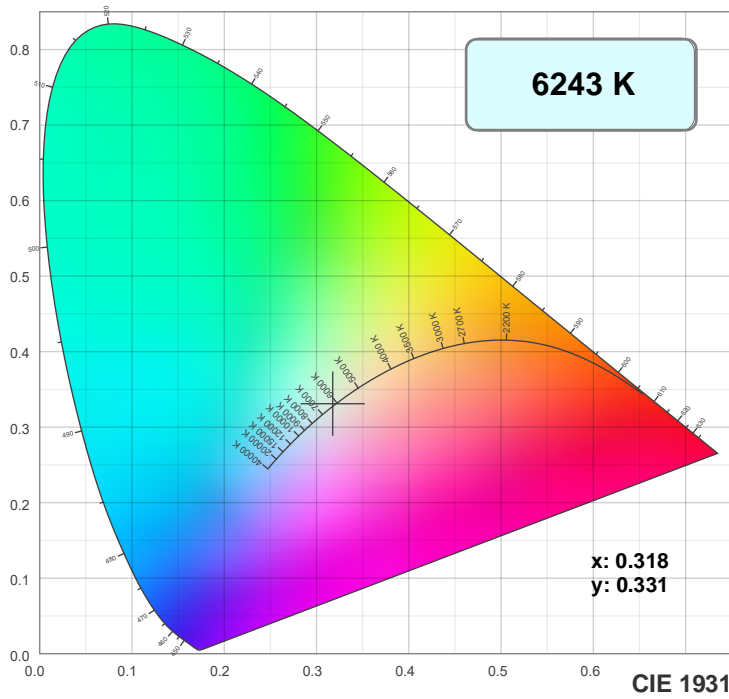
Dominant Wavelength: 588nm



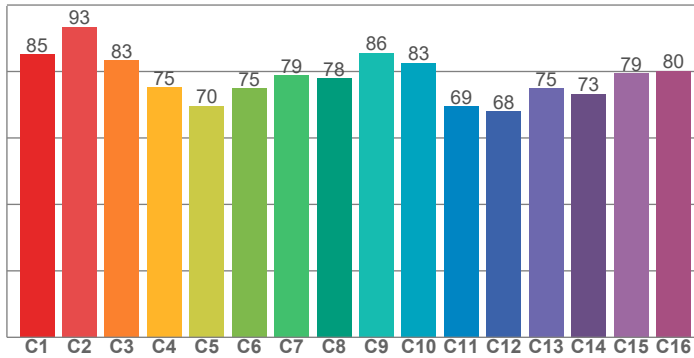
Power



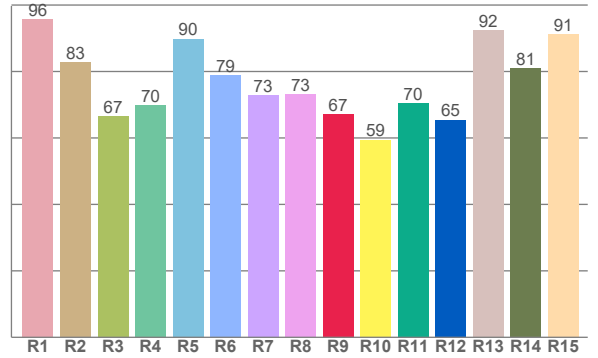
## Color Details



TM30: 78.4



CRI: 78.7 (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
95.8	82.7	66.6	69.9	89.8	78.9	72.9	73.1	67.2	59.4	70.4	65.5	92.4	80.8	91.2

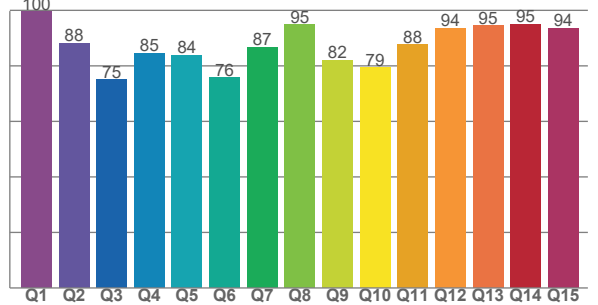
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
85.1	93.4	83.3	75.3	69.6	74.9	78.9	78.0	85.6	82.6	69.4	68.0	74.8	73.3	79.4	80.2

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
99.6	88.1	75.0	84.6	83.9	75.8	86.7	94.8	82.0	79.3	87.6	93.6	94.5	95.0	93.6

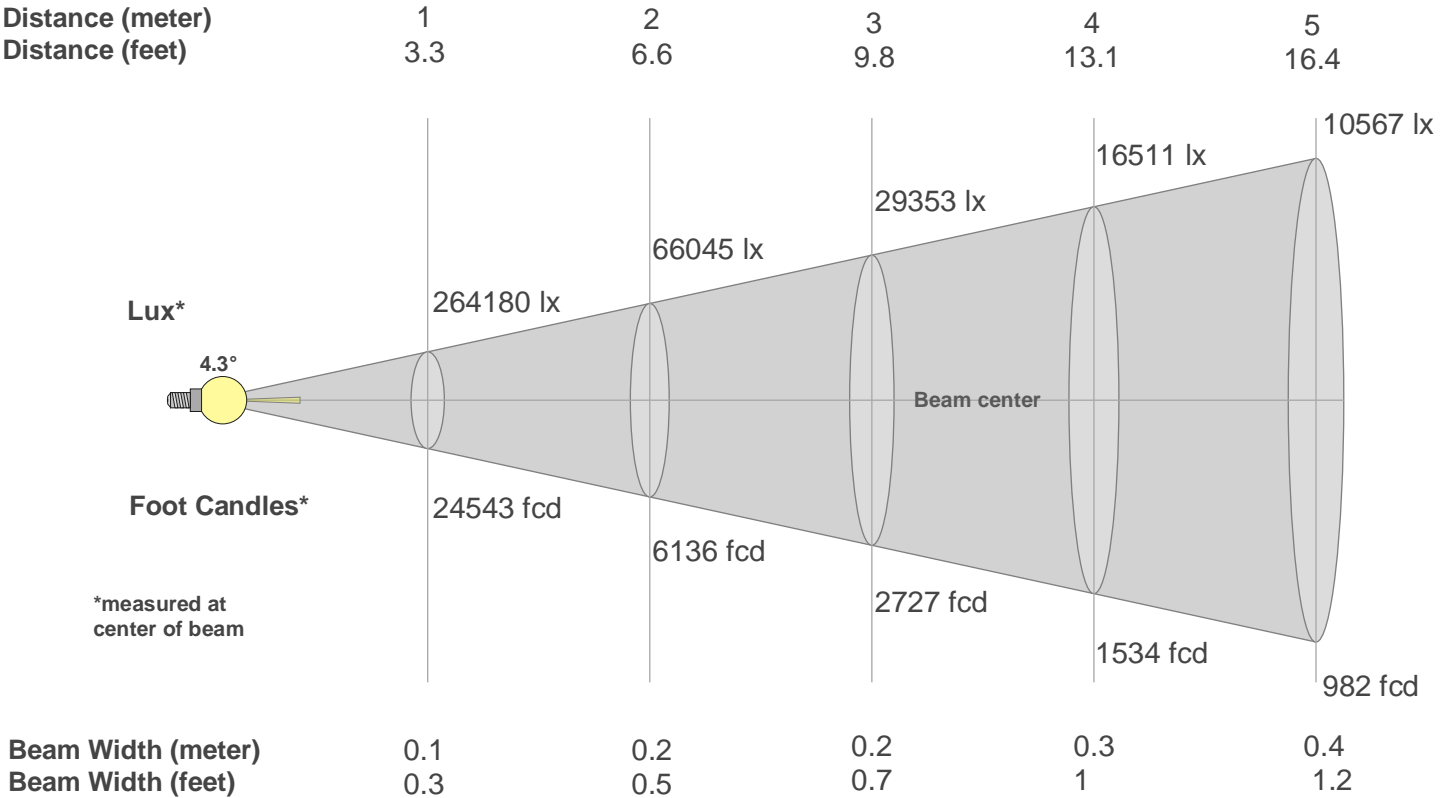
CQS: 85.6



## 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	$\Delta uv$
6243 K	78.7	67.2	78.4	111.0	85.6	0.318	0.331	0.200	0.313	0.0014

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	264180	66045	29353	16511	10567	7338	5391	4128	3261	2642	2183	1835	1563	1348	1174	1032	914	815	732	660
fcd	24543.2	6135.8	2727	1533.9	981.7	681.8	500.9	383.5	303	245.4	202.8	170.4	145.2	125.2	109.1	95.9	84.9	75.8	68	61.4

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°
264K	259K	171K	13K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	98%	65%	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°
264K	259K	171K	13K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	98%	65%	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°
264K	257K	166K	13K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	97%	63%	5%	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°
264K	257K	166K	13K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	97%	63%	5%	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%