

# Focus Flex



Light Efficiency:

7 Lumen/Watt

Light Quality:

CRI: 69.0

Color Temperature:

7848 K

Output: 977 lm

Peak: 205424 cd

Power: 139.9 W

PF: 0.98



Beam Angle

4.4°

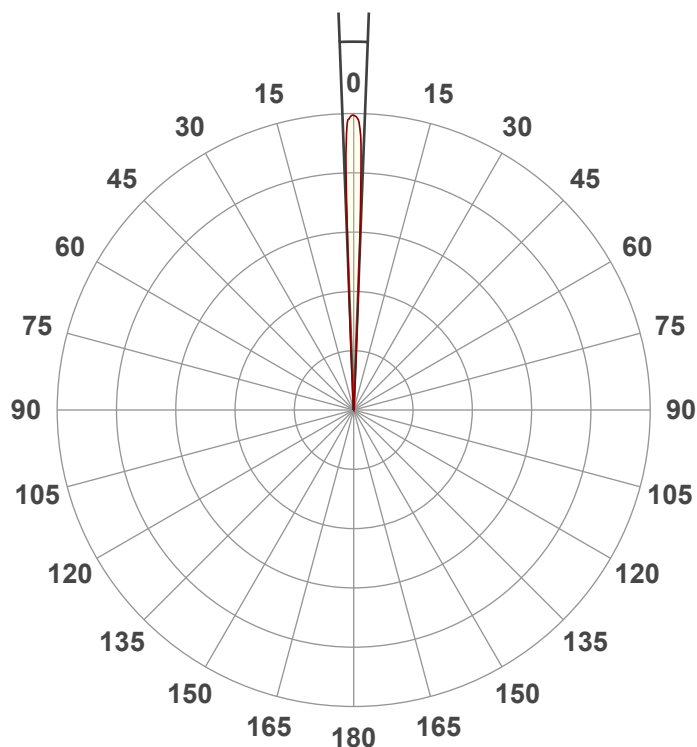
Test:

White Zoom In

Date:

5/31/2022

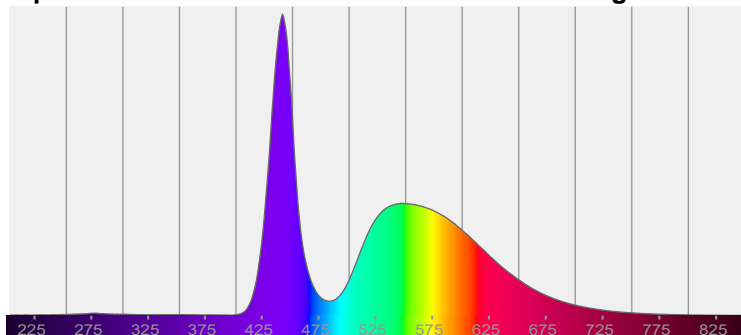
Note:



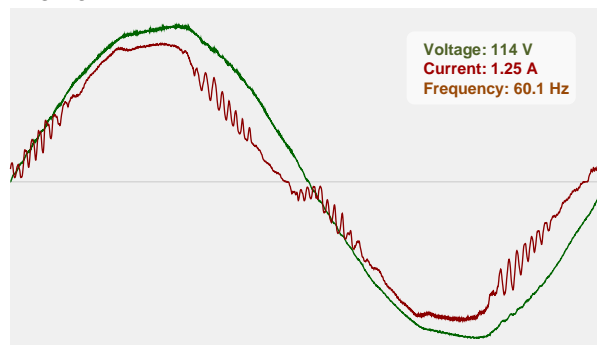
CIE 1931  
x: 0.301  
y: 0.293

Spectra

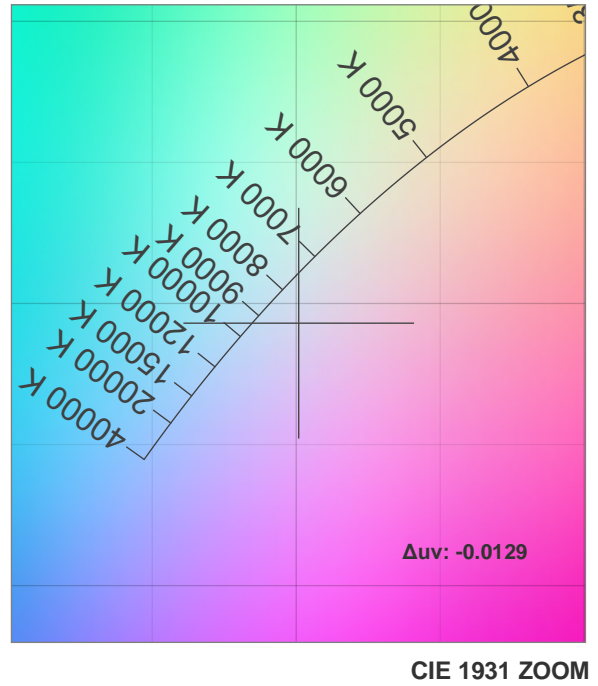
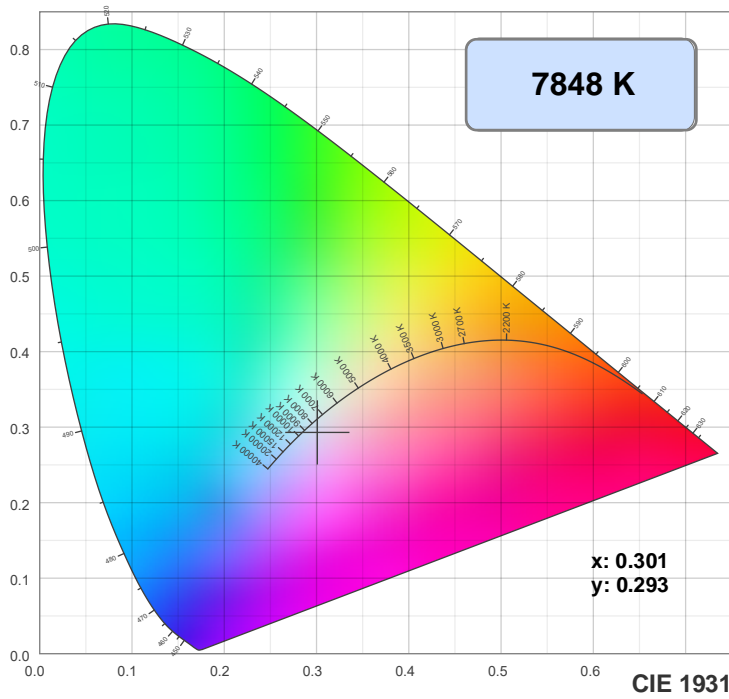
Dominant Wavelength: 360nm



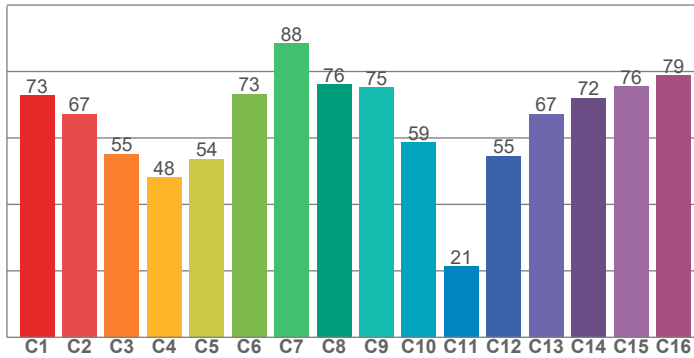
Power



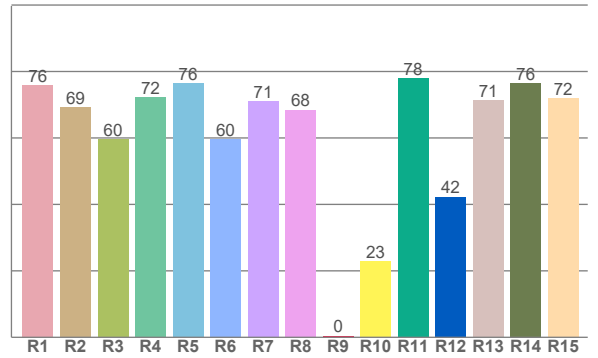
## Color Details



TM30: 63.7



CRI: 69.0 (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
75.9	69.2	59.5	72.2	76.4	59.7	70.9	68.5	0.5	22.8	77.9	42.3	71.3	76.5	71.8

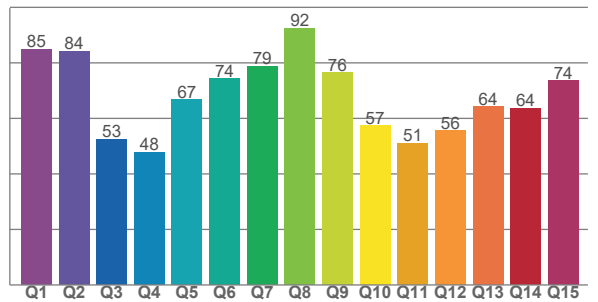
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
72.8	67.2	55.2	48.1	53.7	73.2	88.5	76.0	75.2	58.6	21.4	54.5	67.2	72.0	75.5	78.7

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
84.9	84.3	52.6	47.8	66.7	74.3	78.9	92.5	76.5	57.3	51.0	55.5	64.2	63.6	73.7

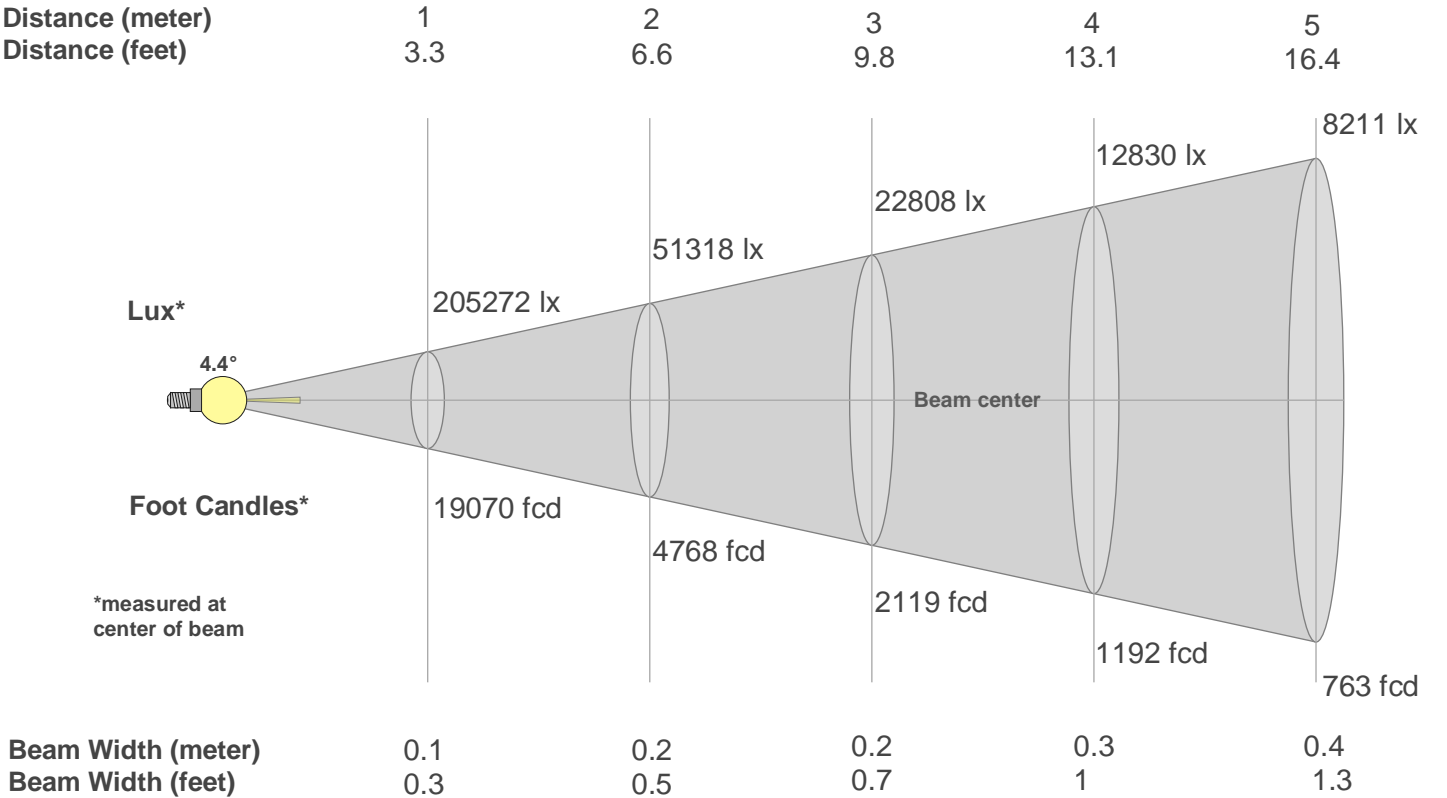
CQS: 65.6



## 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	$\Delta uv$
7848 K	69.0	0.5	63.7	98.7	65.6	0.301	0.293	0.203	0.297	-0.0129

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	205272	51318	22808	12830	8211	5702	4189	3207	2534	2053	1696	1426	1215	1047	912	802	710	634	569	513
fcd	19070.4	4767.6	2118.9	1191.9	762.8	529.7	389.2	298	235.4	190.7	157.6	132.4	112.8	97.3	84.8	74.5	66	58.9	52.8	47.7

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°	
205K	202K	137K	10K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	98%	67%	5%	0%	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°	
205K	202K	137K	10K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	98%	67%	5%	0%	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°	
205K	200K	130K	10K	0K	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%	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°	
205K	200K	130K	10K	0K	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%	0%

Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
4.4°	5.6°	6.3°	100.0%	100.0%