

Focus Spot 7Z



Light Efficiency:

34 Lumen/Watt

Light Quality:

CRI: 71.1

Color Temperature:

6419 K

Output: 18770 lm

Peak: 271319 cd

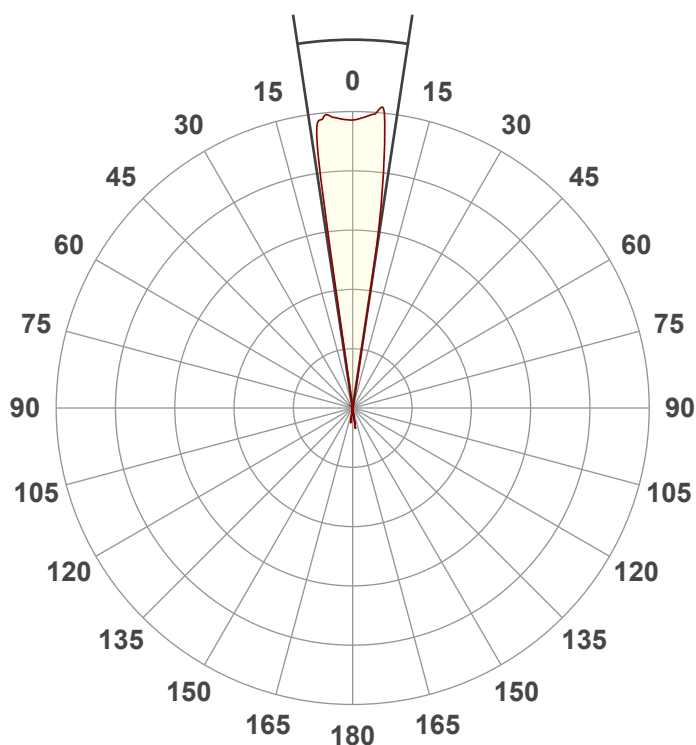
Power: 550 W

PF: 1.0



Beam Angle

17.2°



Test:

Zoom 50%

Date:

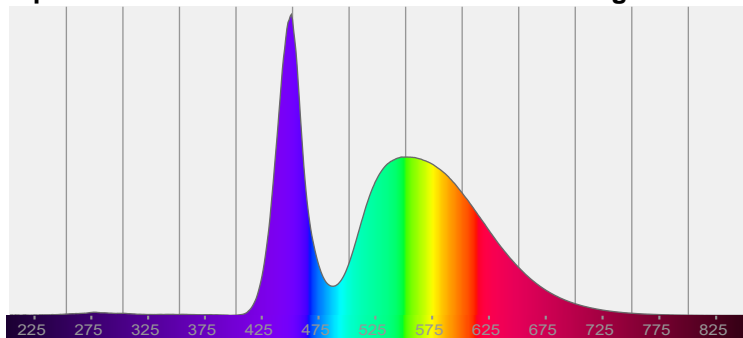
7/25/2022

Note:

CIE 1931
x: 0.315
y: 0.326

Spectra

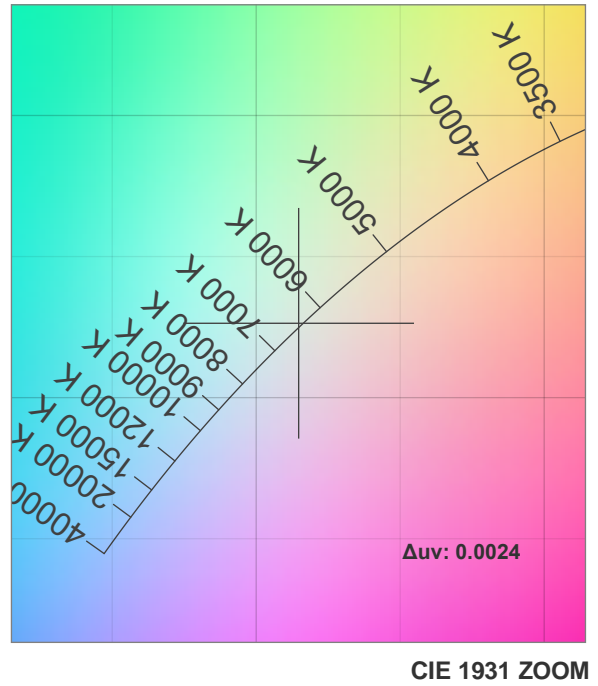
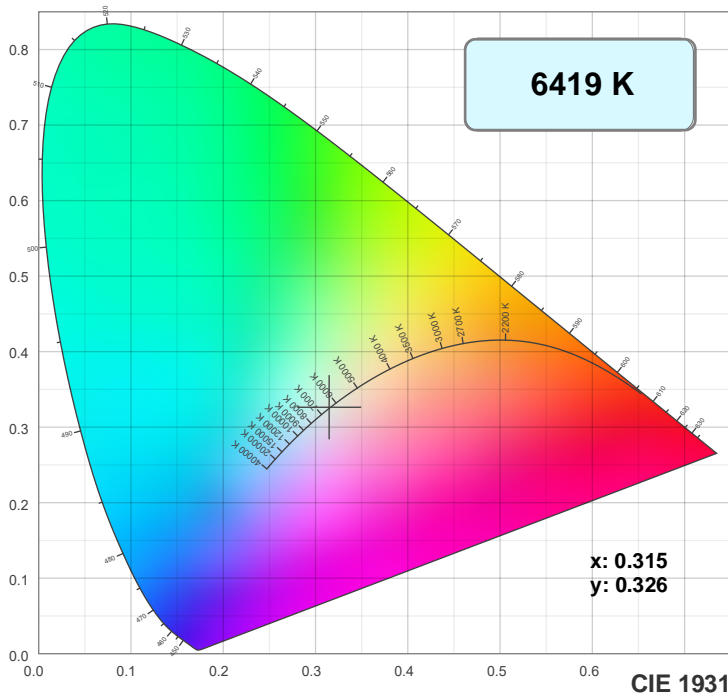
Dominant Wavelength: 829nm



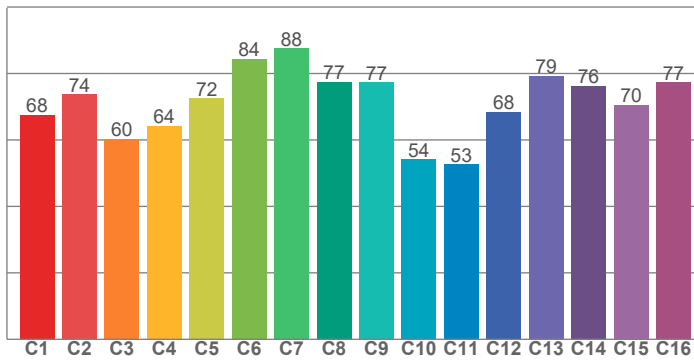
Power

Voltage: 119 V
Current: 4.63 A
Frequency: 0 Hz

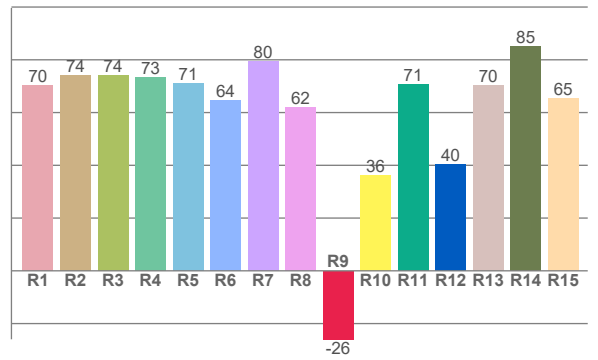
Color Details



TM30: 70.9



CRI: 71.1 (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
70.3	74.1	74.2	73.3	71.0	64.5	79.5	61.8	-26.0	36.1	70.7	40.3	70.1	85.3	65.4

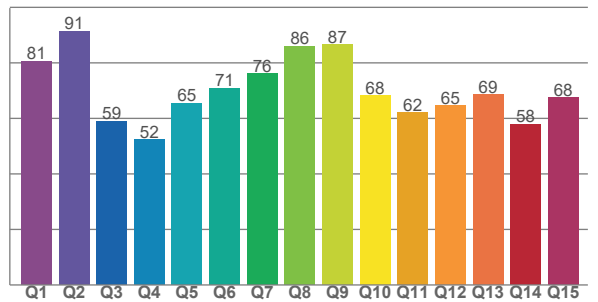
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
67.5	73.6	60.3	64.2	72.4	84.3	87.6	77.4	77.3	54.1	52.7	68.5	79.3	76.2	70.5	77.3

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
80.7	91.4	59.0	52.4	65.5	70.8	76.1	86.0	86.5	68.2	62.1	64.6	68.6	57.9	67.5

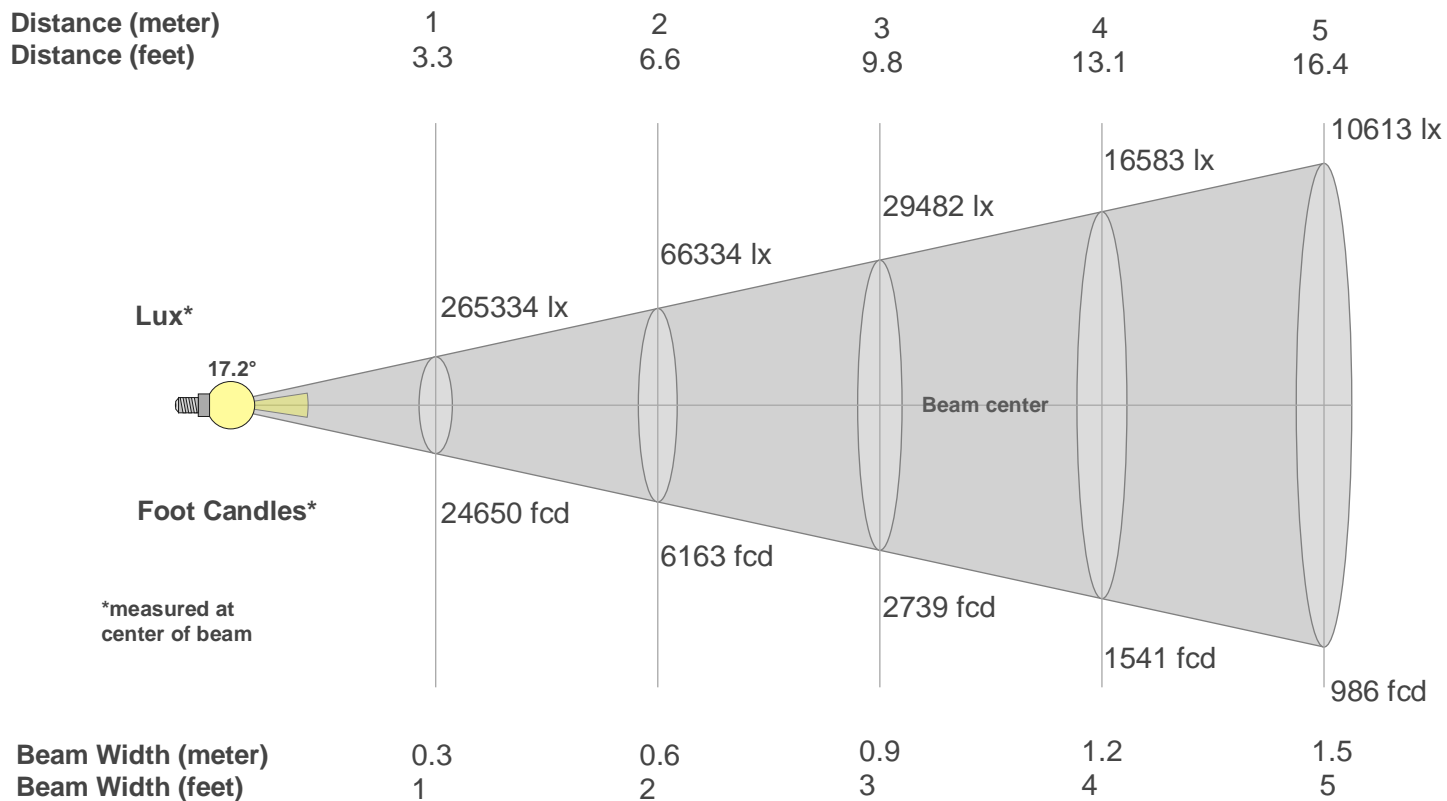
CQS: 68.5



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
6419 K	71.1	-26.0	70.9	94.3	68.5	0.315	0.326	0.200	0.311	0.0024

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	265334	66334	29482	16583	10613	7370	5415	4146	3276	2653	2193	1843	1570	1354	1179	1036	918	819	735	663
fcd	24650.4	6162.6	2738.9	1540.6	986	684.7	503.1	385.2	304.3	246.5	203.7	171.2	145.9	125.8	109.6	96.3	85.3	76.1	68.3	61.6

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°
265K	266K	266K	267K	268K	268K	265K	247K	208K	92K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	100%	100%	101%	101%	101%	100%	93%	79%	35%	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°
265K	266K	266K	267K	268K	268K	265K	247K	208K	92K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	100%	100%	101%	101%	101%	100%	93%	79%	35%	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°
265K	266K	268K	269K	271K	271K	271K	231K	181K	103K	18K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	100%	101%	101%	102%	102%	102%	87%	68%	39%	7%	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°
265K	266K	268K	269K	271K	271K	271K	231K	181K	103K	18K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	100%	101%	101%	102%	102%	102%	87%	68%	39%	7%	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
17.2°	19.4°	19.9°	100.0%	100.0%