

Focus Flex



Light Efficiency:

14 Lumen/Watt

Light Quality:

CRI: 68.7

Color Temperature:

7661 K

Output: 1887 lm

Peak: 5154 cd

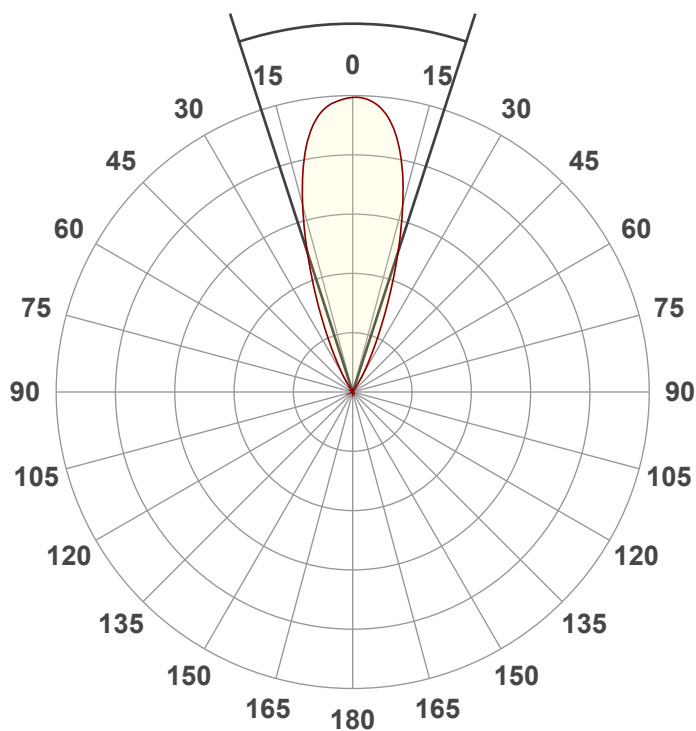
Power: 139.2 W

PF: 0.98



Beam Angle

35.9°



Test:

White Zoom Out

Date:

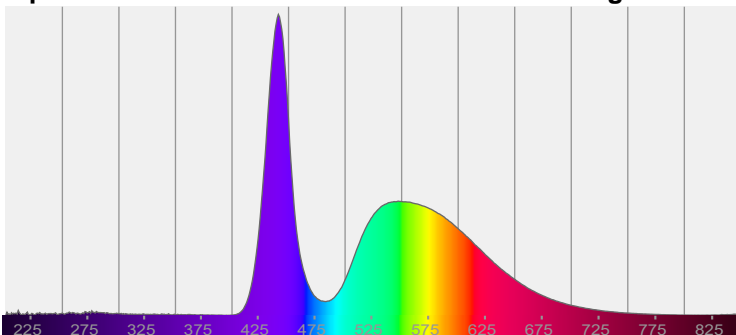
5/31/2022

Note:

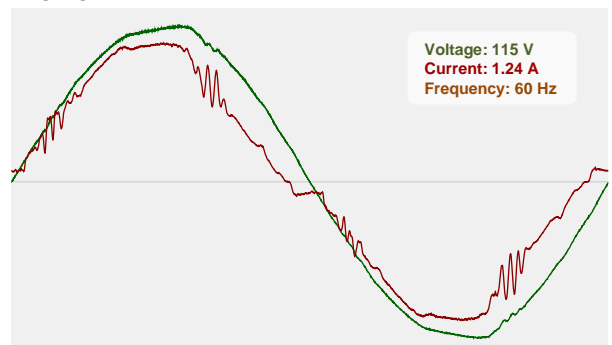
CIE 1931
x: 0.302
y: 0.296

Spectra

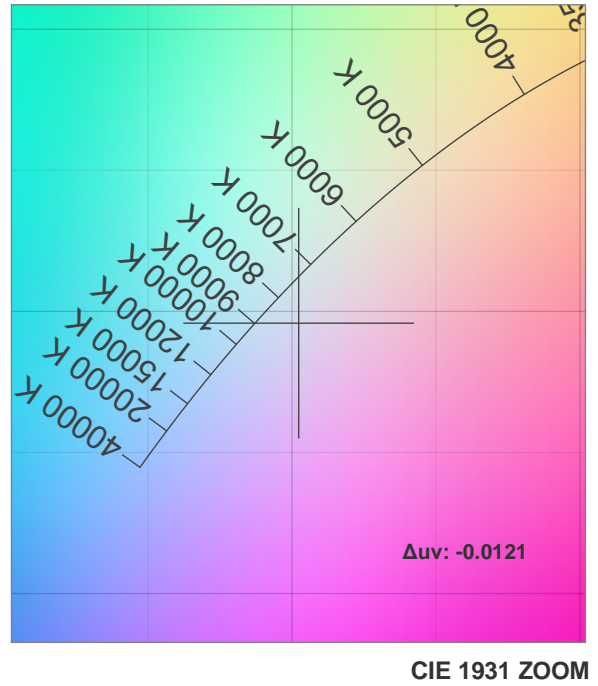
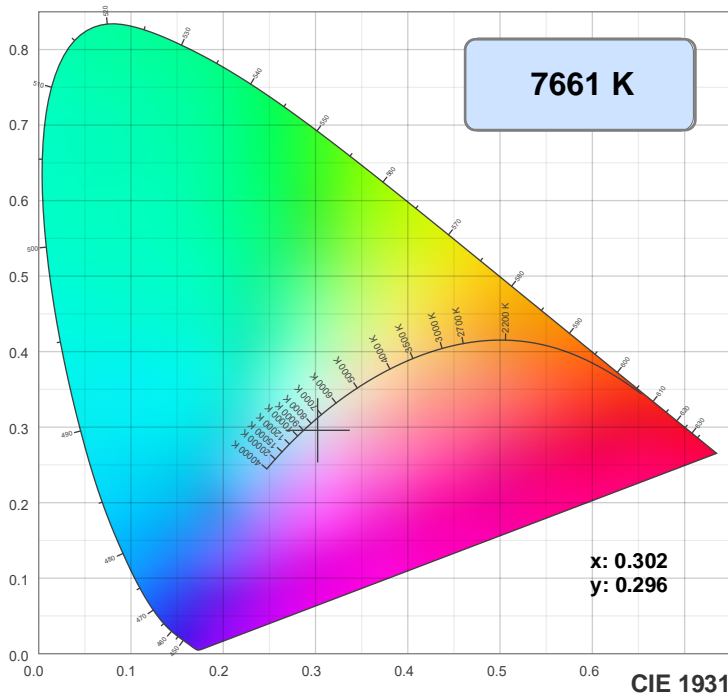
Dominant Wavelength: 360nm



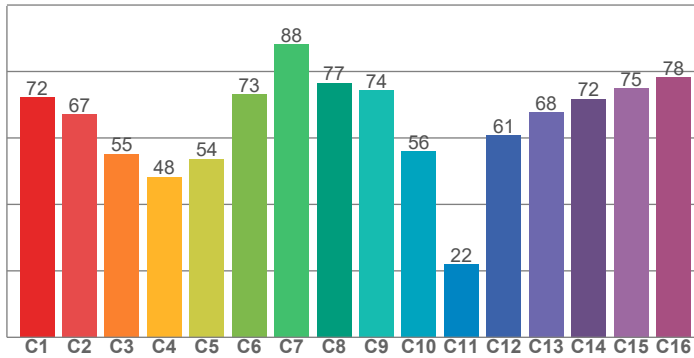
Power



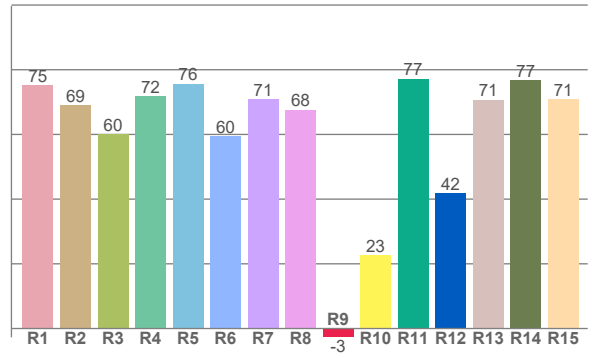
Color Details



TM30: 63.7



CRI: 68.7 (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
75.2	69.0	60.1	71.9	75.6	59.5	70.9	67.6	-2.7	22.6	77.3	41.8	70.7	76.8	70.8

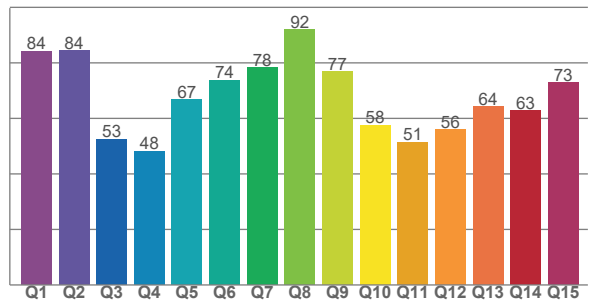
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
72.2	67.1	55.1	48.3	53.7	73.2	88.2	76.5	74.4	56.0	22.0	60.7	67.7	71.7	75.0	78.1

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
84.3	84.4	52.6	48.3	66.7	73.8	78.2	92.0	76.9	57.6	51.4	55.9	64.3	62.8	72.9

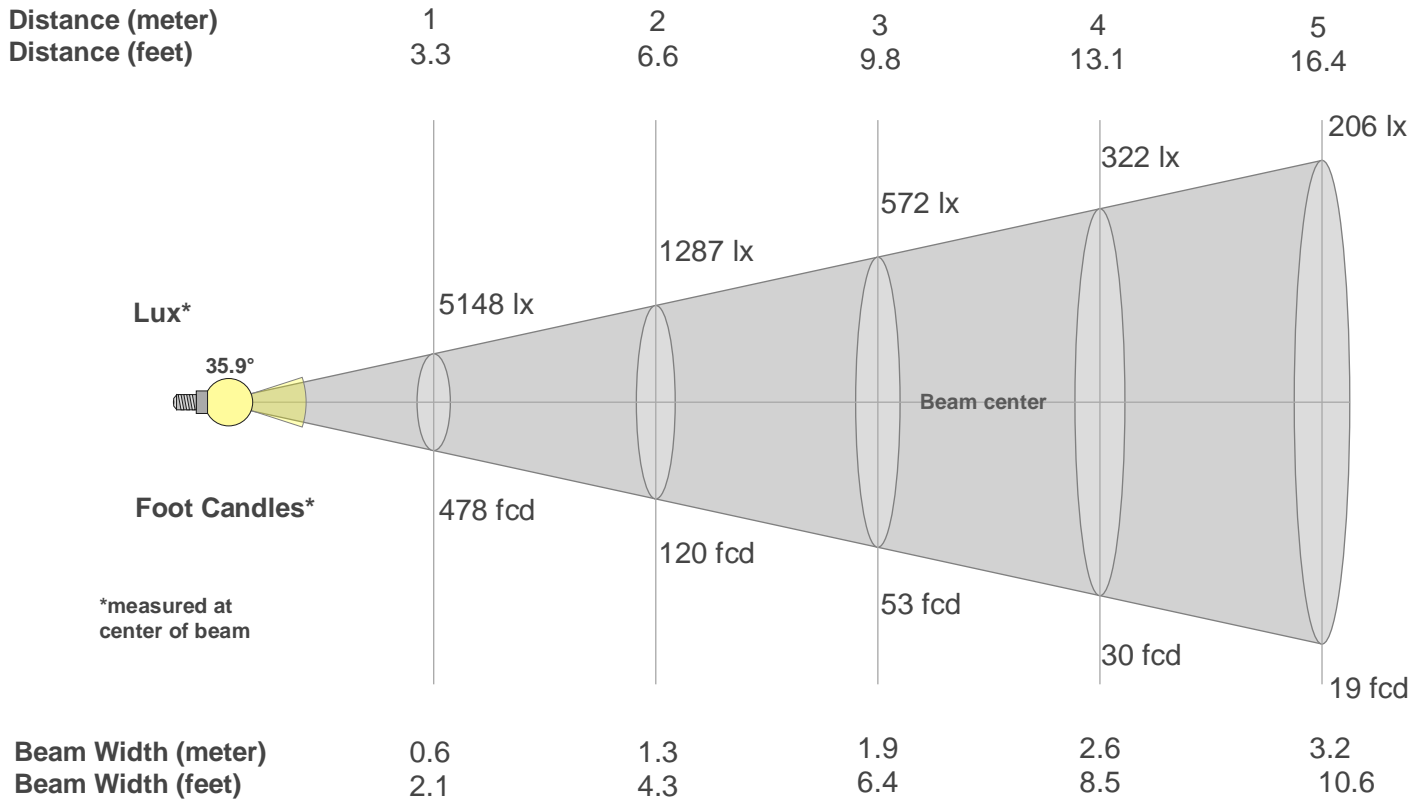
CQS: 65.6



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	Δuv
7661 K	68.7	-2.7	63.7	99.4	65.6	0.302	0.296	0.203	0.299	-0.0121

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	5148	1287	572	322	206	143	105	80	64	51	43	36	30	26	23	20	18	16	14	13
fcd	478.3	119.6	53.1	29.9	19.1	13.3	9.8	7.5	5.9	4.8	4	3.3	2.8	2.4	2.1	1.9	1.7	1.5	1.3	1.2

Intensities in 0° C-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
5148	5118	5058	4949	4762	4482	4103	3634	3109	2565	2040	1559	1148	811	552	369	194	62	13	5
100%	99%	98%	96%	92%	87%	80%	71%	60%	50%	40%	30%	22%	16%	11%	7%	4%	1%	0%	0%

Intensities in 90° C-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
5148	5118	5058	4949	4762	4482	4103	3634	3109	2565	2040	1559	1148	811	552	369	194	62	13	5
100%	99%	98%	96%	92%	87%	80%	71%	60%	50%	40%	30%	22%	16%	11%	7%	4%	1%	0%	0%

Intensities in 180° C-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
5148	5139	5078	4957	4760	4475	4099	3637	3109	2565	2040	1563	1156	827	570	382	203	54	9	2
100%	100%	99%	96%	92%	87%	80%	71%	60%	50%	40%	30%	22%	16%	11%	7%	4%	1%	0%	0%

Intensities in 270° C-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
5148	5139	5078	4957	4760	4475	4099	3637	3109	2565	2040	1563	1156	827	570	382	203	54	9	2
100%	100%	99%	96%	92%	87%	80%	71%	60%	50%	40%	30%	22%	16%	11%	7%	4%	1%	0%	0%

Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
35.9°	56.9°	65.5°	99.8%	99.8%