

Focus Flex



Light Efficiency:

11 Lumen/Watt

Light Quality:

CRI: 74.4

Color Temperature:

10525 K

Output: 2967 lm

Peak: 8612 cd

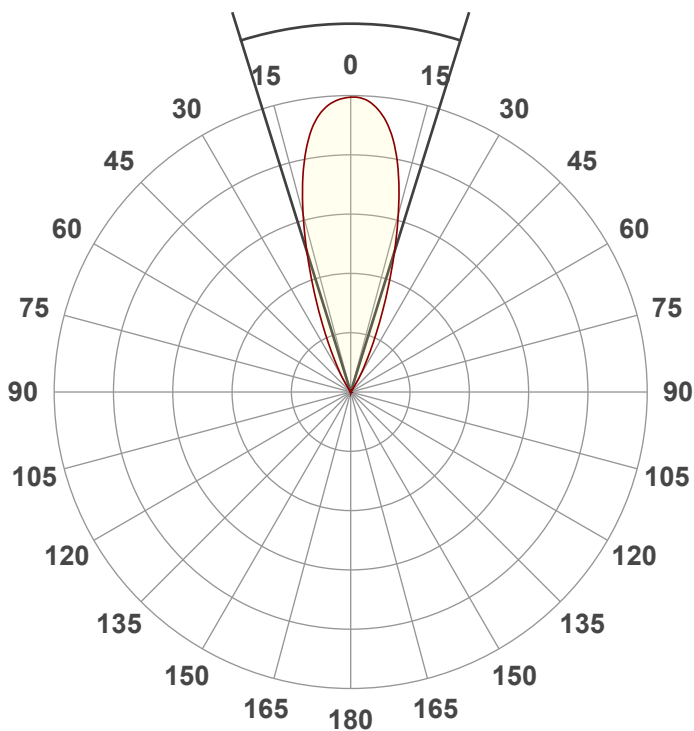
Power: 262.1 W

PF: 1.0



Beam Angle

34.6°



Test:

10000K Zoom Out

Date:

6/1/2022

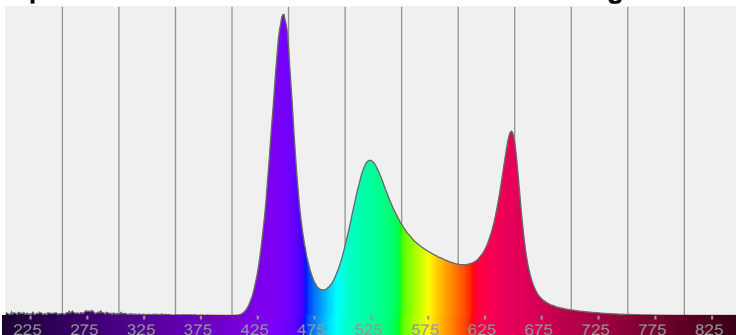
Note:

DMX @ 247

CIE 1931
x: 0.278
y: 0.285

Spectra

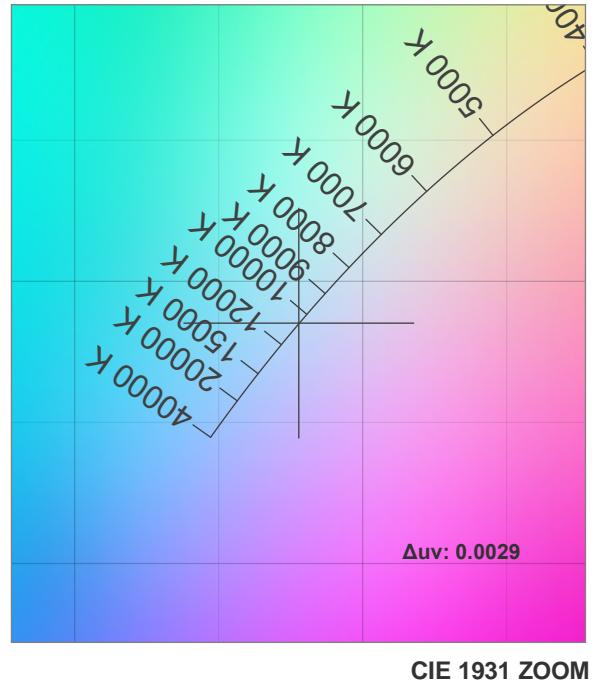
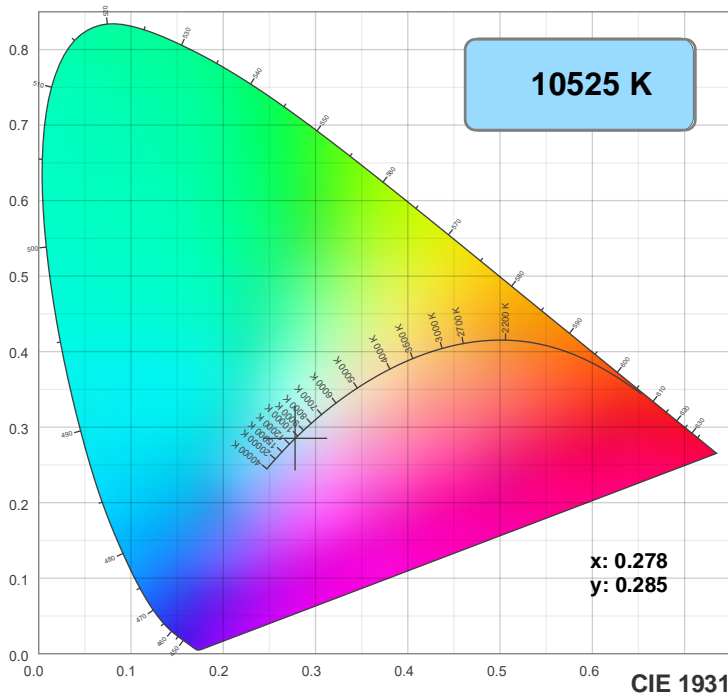
Dominant Wavelength: 474nm



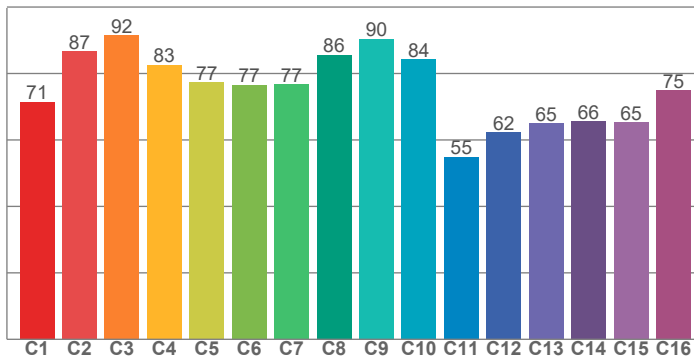
Power

Voltage: 119 V
Current: 2.21 A
Frequency: 0 Hz

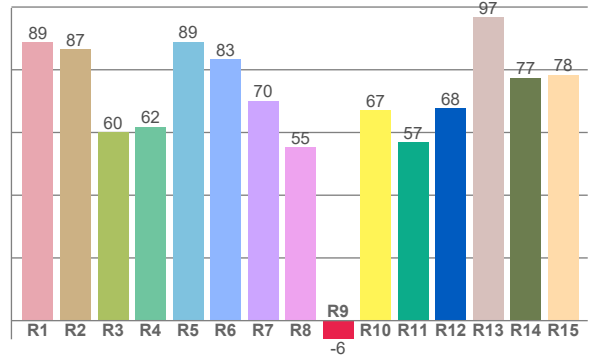
Color Details



TM30: 77.3



CRI: 74.4 (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
88.7	86.6	60.1	61.8	88.9	83.3	70.1	55.4	-5.9	67.1	56.8	67.7	96.7	77.4	78.4

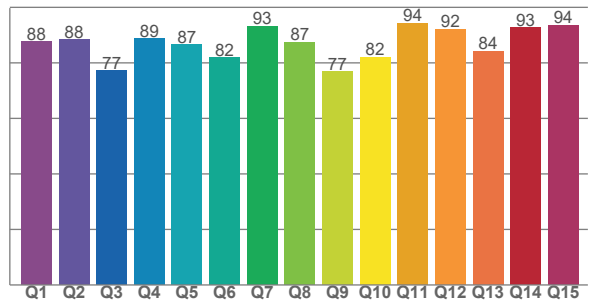
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
71.4	86.6	91.5	82.5	77.2	76.5	76.7	85.6	90.4	84.3	54.9	62.3	64.9	65.6	65.2	75.0

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
87.6	88.4	77.2	88.8	86.5	81.9	93.2	87.4	76.8	82.1	94.2	92.1	84.2	92.7	93.7

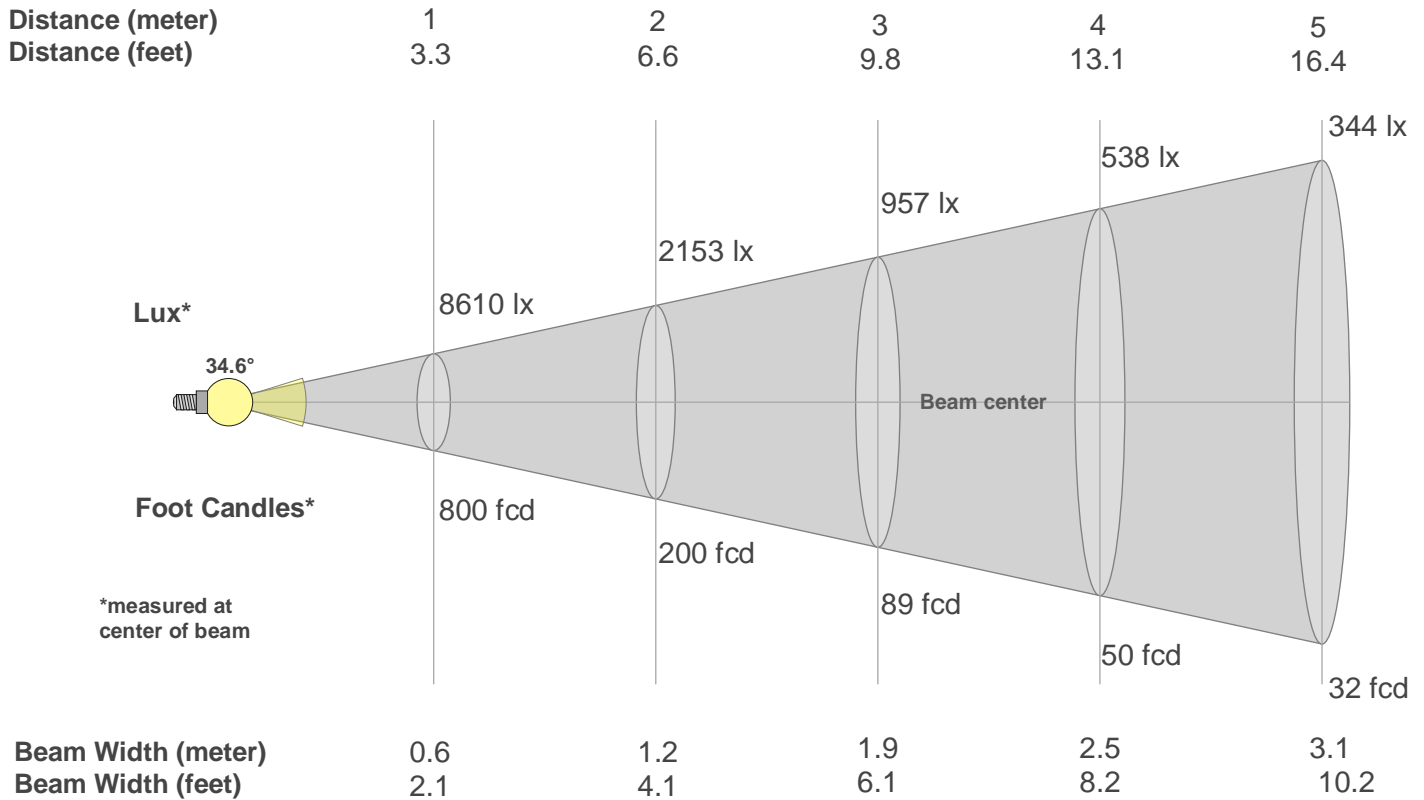
CQS: 86.0



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
10525 K	74.4	-5.9	77.3	113.6	86.0	0.278	0.285	0.189	0.292	0.0029

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	8610	2153	957	538	344	239	176	135	106	86	71	60	51	44	38	34	30	27	24	22
fcd	799.9	200	88.9	50	32	22.2	16.3	12.5	9.9	8	6.6	5.6	4.7	4.1	3.6	3.1	2.8	2.5	2.2	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°
8610	8562	8441	8216	7853	7320	6633	5811	4910	3994	3136	2367	1723	1202	805	531	257	61	5	0
100%	99%	98%	95%	91%	85%	77%	67%	57%	46%	36%	27%	20%	14%	9%	6%	3%	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°
8610	8562	8441	8216	7853	7320	6633	5811	4910	3994	3136	2367	1723	1202	805	531	257	61	5	0
100%	99%	98%	95%	91%	85%	77%	67%	57%	46%	36%	27%	20%	14%	9%	6%	3%	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°
8610	8588	8463	8217	7848	7328	6646	5821	4912	4001	3138	2378	1738	1228	832	548	282	55	1	0
100%	100%	98%	95%	91%	85%	77%	68%	57%	46%	36%	28%	20%	14%	10%	6%	3%	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°
8610	8588	8463	8217	7848	7328	6646	5821	4912	4001	3138	2378	1738	1228	832	548	282	55	1	0
100%	100%	98%	95%	91%	85%	77%	68%	57%	46%	36%	28%	20%	14%	10%	6%	3%	1%	0%	0%

Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
34.6°	55.5°	64.8°	100.0%	100.0%