

Focus Flex



Light Efficiency:

6 Lumen/Watt

Light Quality:

CRI: 74.2

Color Temperature:

10685 K

Output: 1587 lm

Peak: 336254 cd

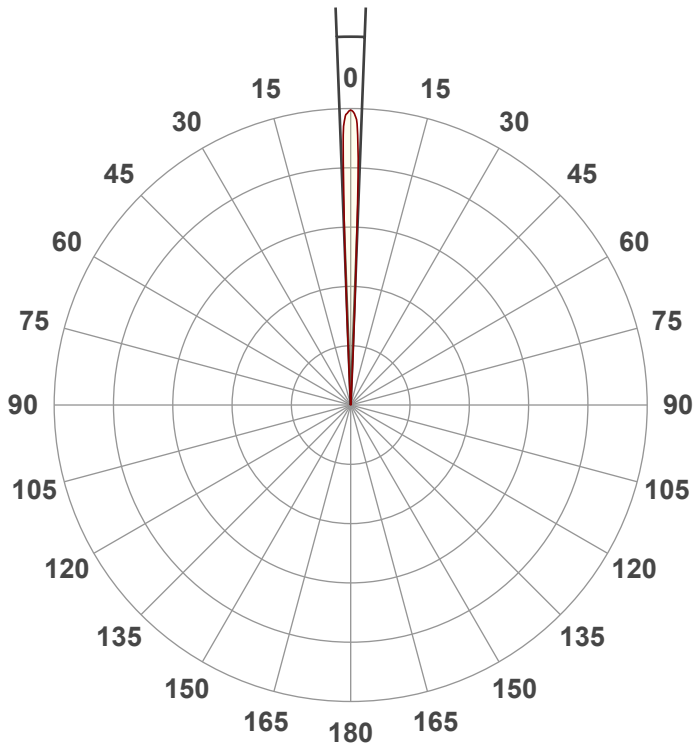
Power: 261.2 W

PF: 0.99



Beam Angle

4.4°



Test:

10000K Zoom In

Date:

6/1/2022

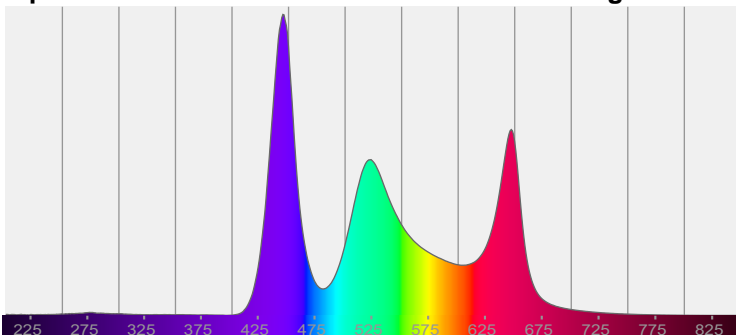
Note:

DMX @ 244

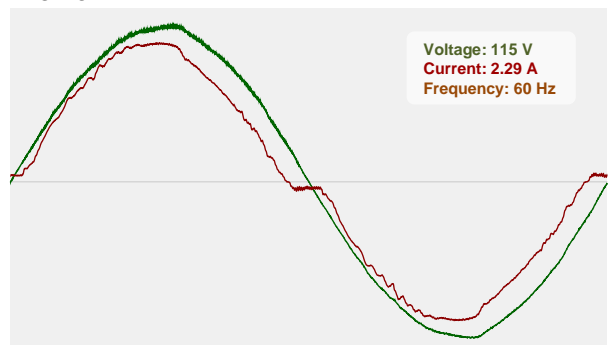
CIE 1931
x: 0.277
y: 0.284

Spectra

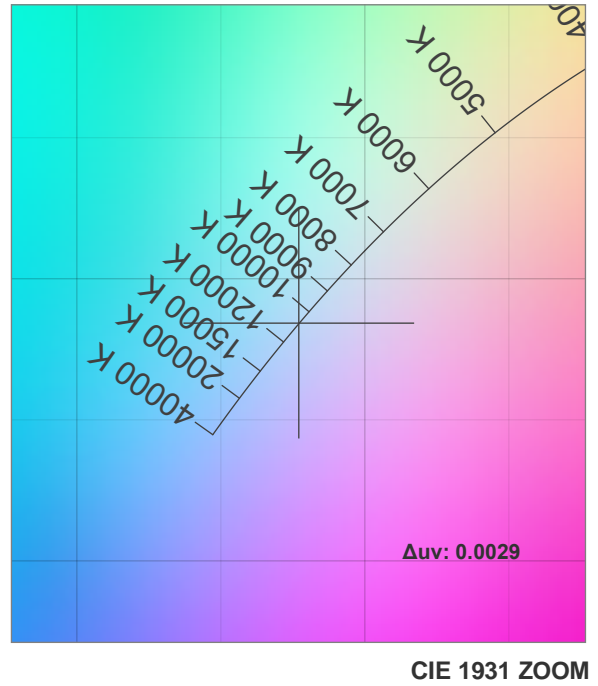
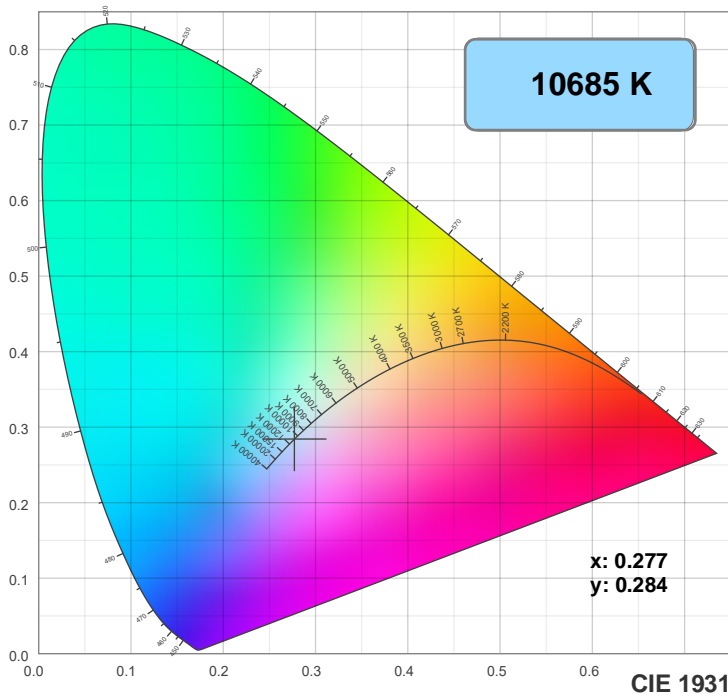
Dominant Wavelength: 474nm



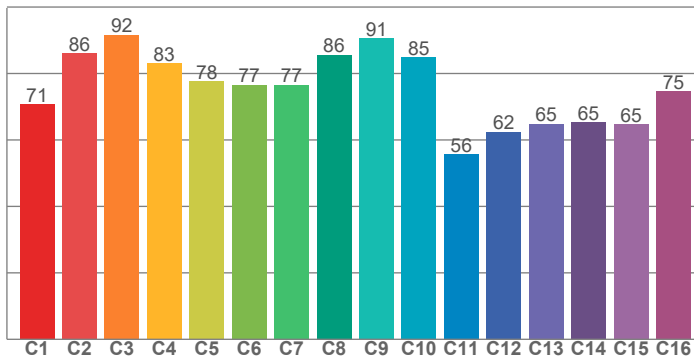
Power



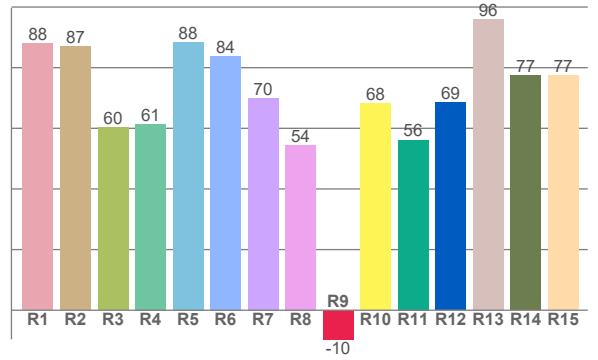
Color Details



TM30: 77.3



CRI: 74.2 (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
88.0	87.0	60.2	61.4	88.5	83.8	70.0	54.4	-9.6	68.2	56.2	68.6	96.0	77.5	77.5

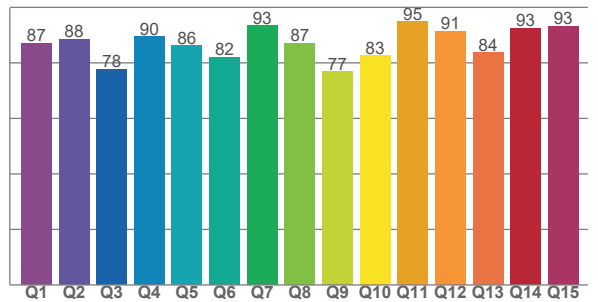
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
70.6	86.1	91.6	83.0	77.6	76.6	76.6	85.6	90.5	84.8	55.7	62.4	64.8	65.2	64.7	74.6

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
87.1	88.5	77.8	89.5	86.2	82.0	93.4	87.1	76.9	82.6	94.8	91.4	83.6	92.5	93.2

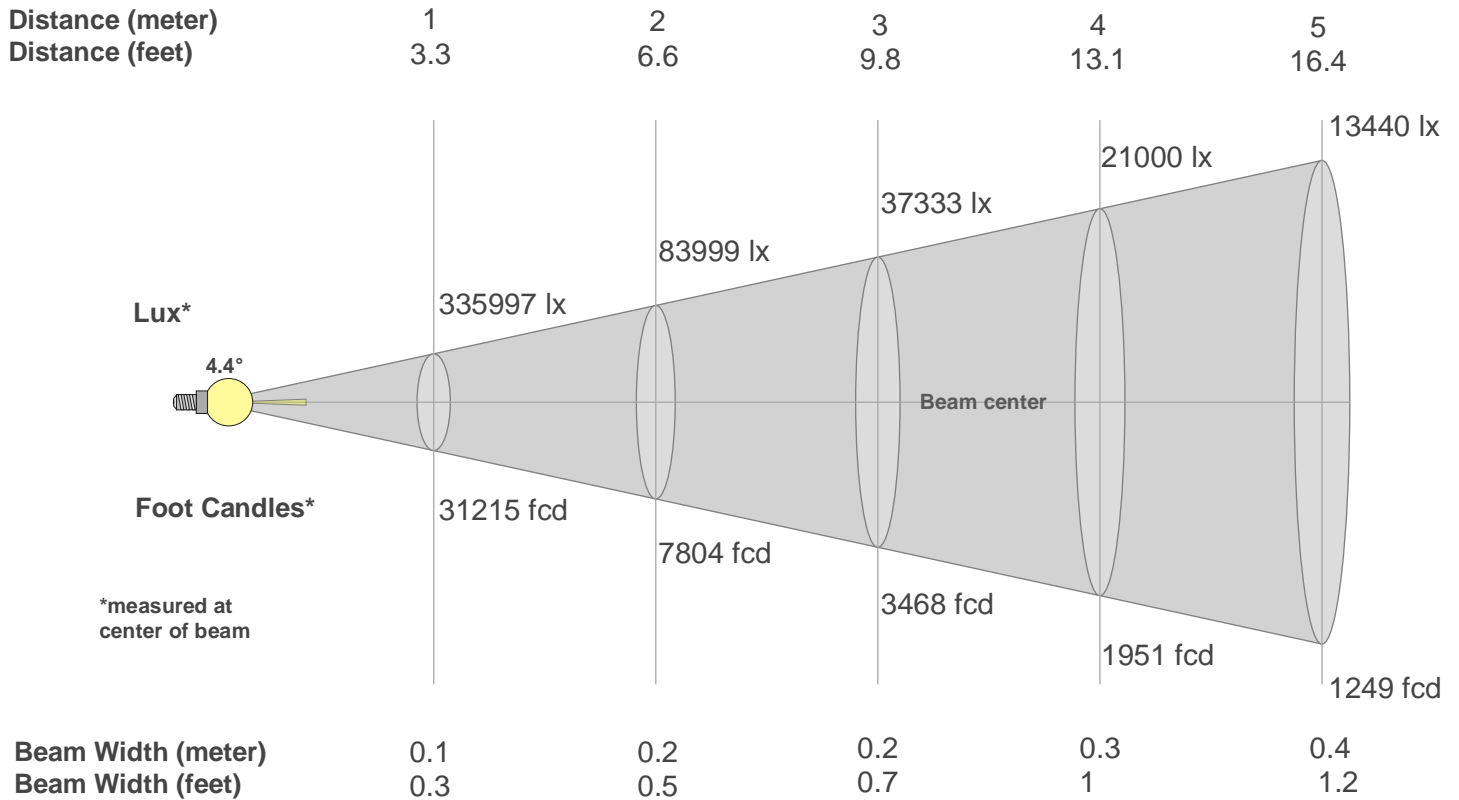
CQS: 86.0



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
10685 K	74.2	-9.6	77.3	113.8	86.0	0.277	0.284	0.189	0.291	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	33599 7	83999	37333	21000	13440	9333	6857	5250	4148	3360	2777	2333	1988	1714	1493	1312	1163	1037	931	840
fcd	31215. 2	7803.8	3468.4	1950.9	1248.6	867.1	637	487.7	385.4	312.2	258	216.8	184.7	159.3	138.7	121.9	108	96.3	86.5	78

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°
336K	329K	212K	17K	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%

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°
336K	329K	212K	17K	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%

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°
336K	327K	218K	16K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	97%	65%	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°
336K	327K	218K	16K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	97%	65%	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
4.4°	5.6°	6.3°	100.0%	100.0%