

Focus Profile



Light Efficiency:

5 Lumen/Watt

Light Quality:

CRI: 66.9

Color Temperature:

2729 K

Output: 3175 lm

Peak: 413897 cd

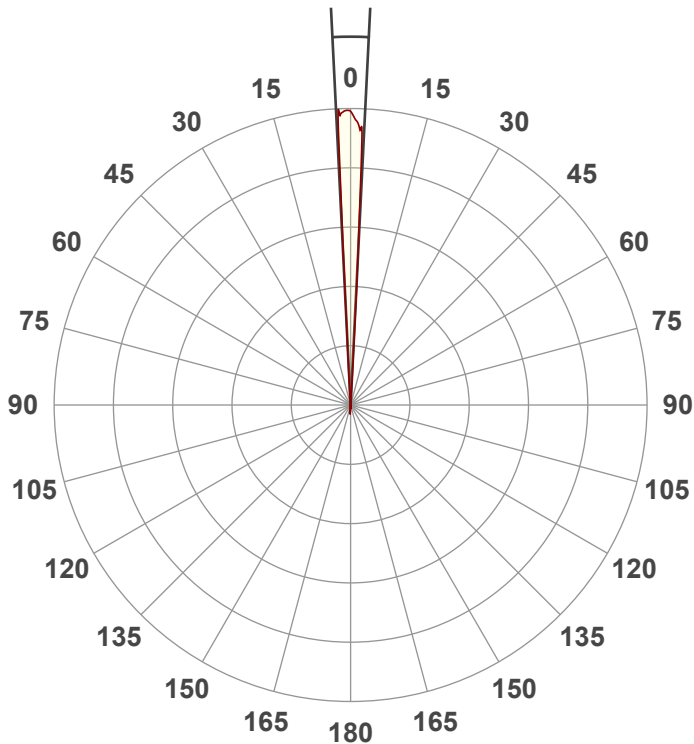
Power: 585 W

PF: 1.0



Beam Angle

5.7°



Test:

Zoom In CTO

Date:

9/8/2021

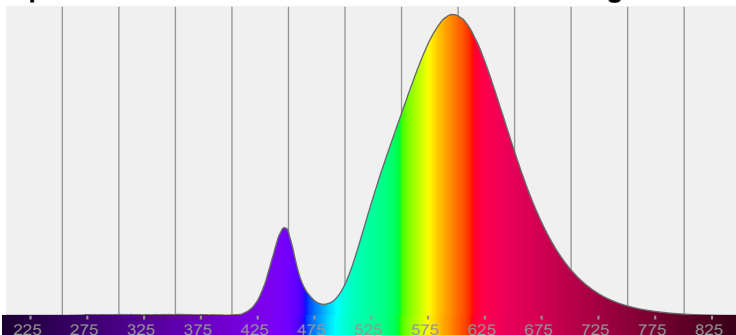
Note:

PT# 0077

CIE 1931
x: 0.470
y: 0.433

Spectra

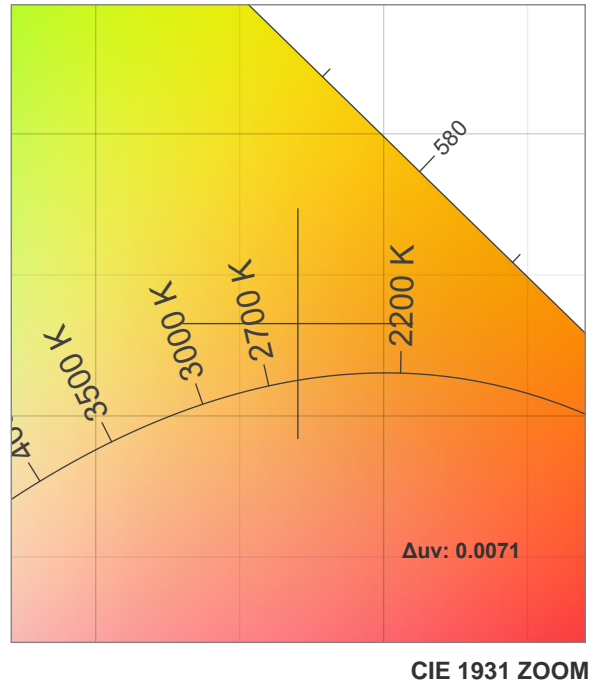
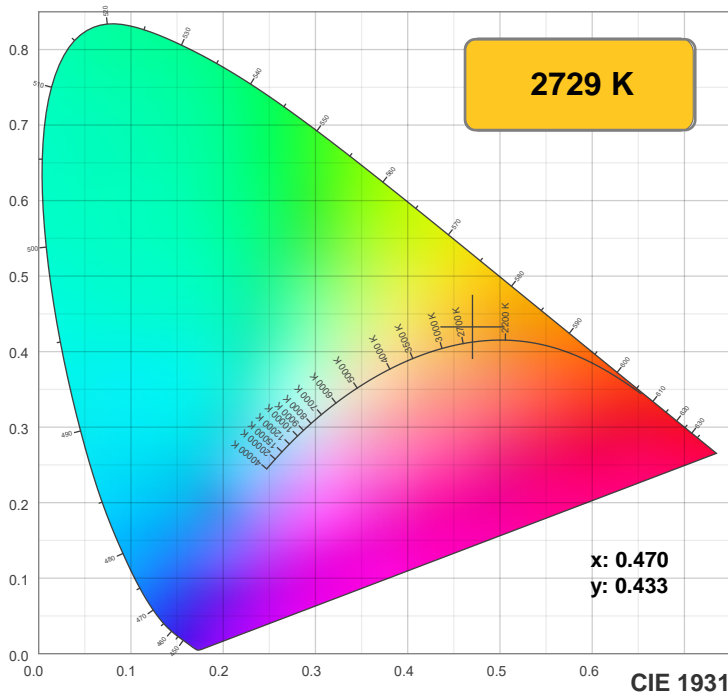
Dominant Wavelength: 582nm



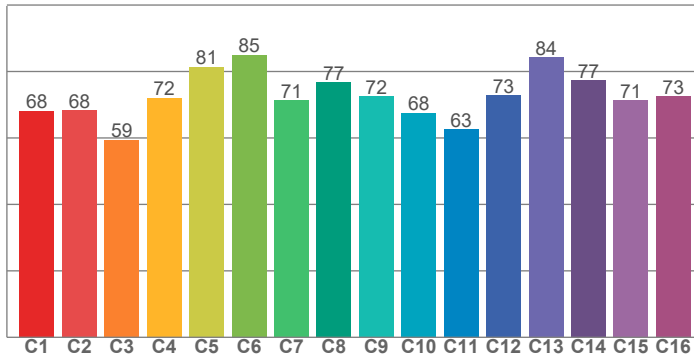
Power

Voltage: 114 V
Current: 5.13 A
Frequency: 0 Hz

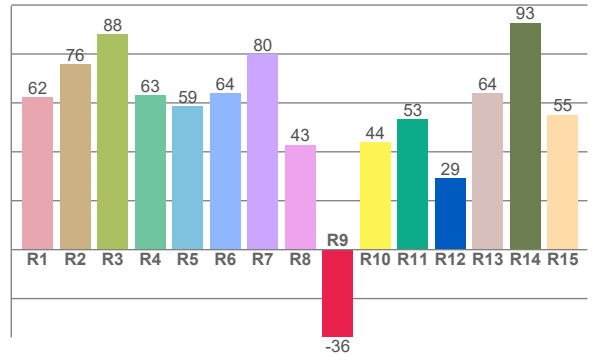
Color Details



TM30: 71.9



CRI: 66.9 (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
62.4	75.9	88.2	63.2	58.8	63.8	79.8	42.9	-35.8	43.8	53.2	29.3	63.9	92.7	55.2

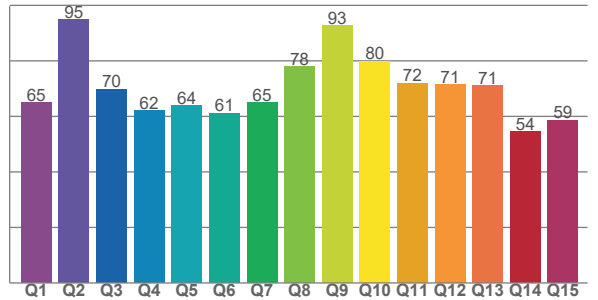
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
68.1	68.3	59.3	72.0	81.4	85.0	71.3	76.8	72.5	67.5	62.6	72.8	84.3	77.2	71.3	72.5

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
64.9	94.8	69.8	62.1	63.8	61.2	65.0	77.8	92.6	79.9	72.0	71.4	71.0	54.4	58.7

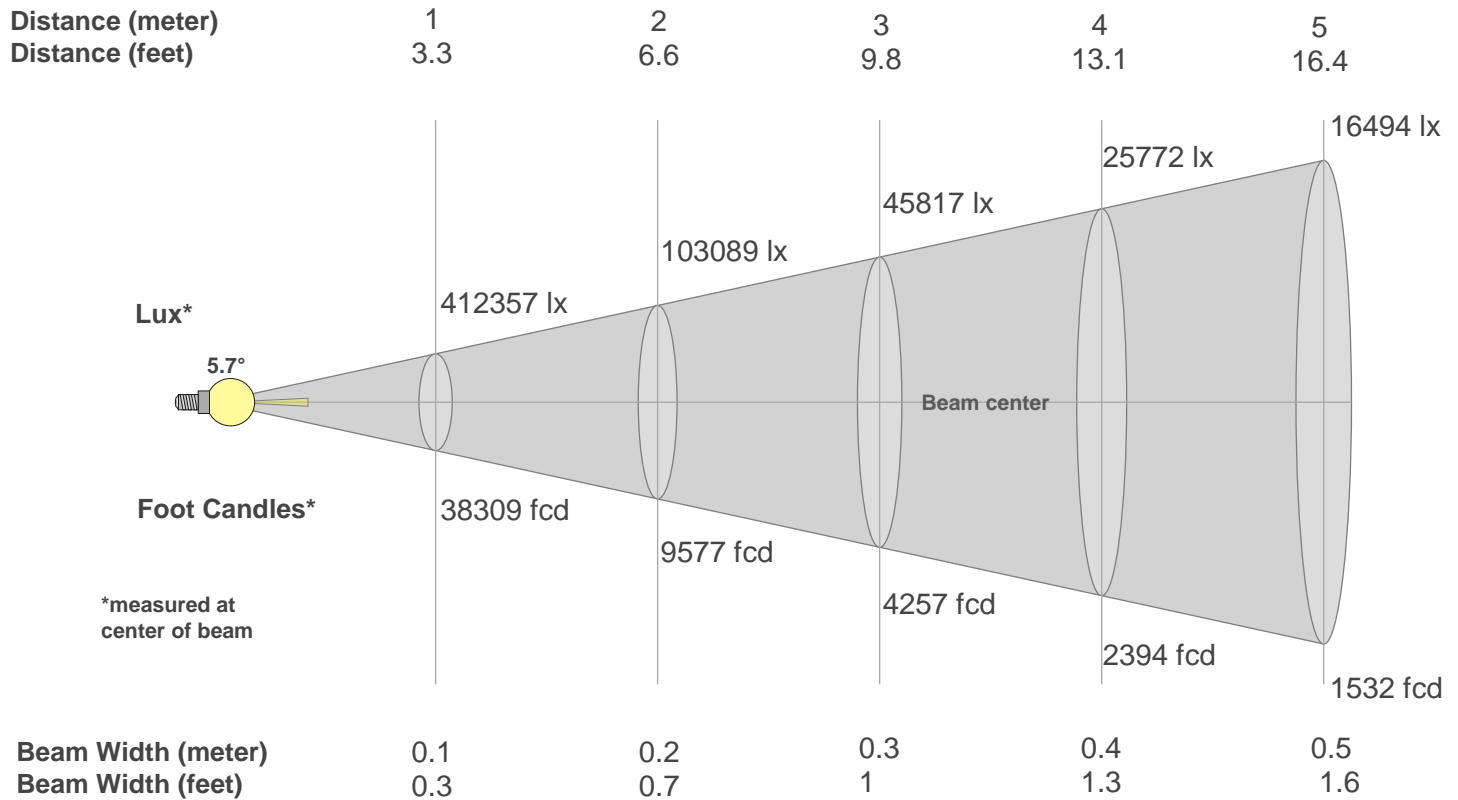
CQS: 68.4



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
2729 K	66.9	-35.8	71.9	91.7	68.4	0.470	0.433	0.259	0.358	0.0071

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	412357	103089	45817	25772	16494	11454	8415	6443	5091	4124	3408	2864	2440	2104	1833	1611	1427	1273	1142	1031
fcd	38309.2	9577.3	4256.6	2394.3	1532.4	1064.1	781.8	598.6	473	383.1	316.6	266	226.7	195.5	170.3	149.6	132.6	118.2	106.1	95.8

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°
412K	414K	408K	100K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	100%	99%	24%	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°
412K	414K	408K	100K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	100%	99%	24%	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°
412K	401K	385K	141K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	97%	93%	34%	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°
412K	401K	385K	141K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	97%	93%	34%	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
5.7°	6.6°	6.9°	100.0%	100.0%