

Focus Hybrid



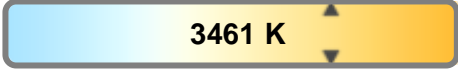
Light Efficiency:



Light Quality:



Color Temperature:



Output: 2261 lm

Peak: 145336 cd

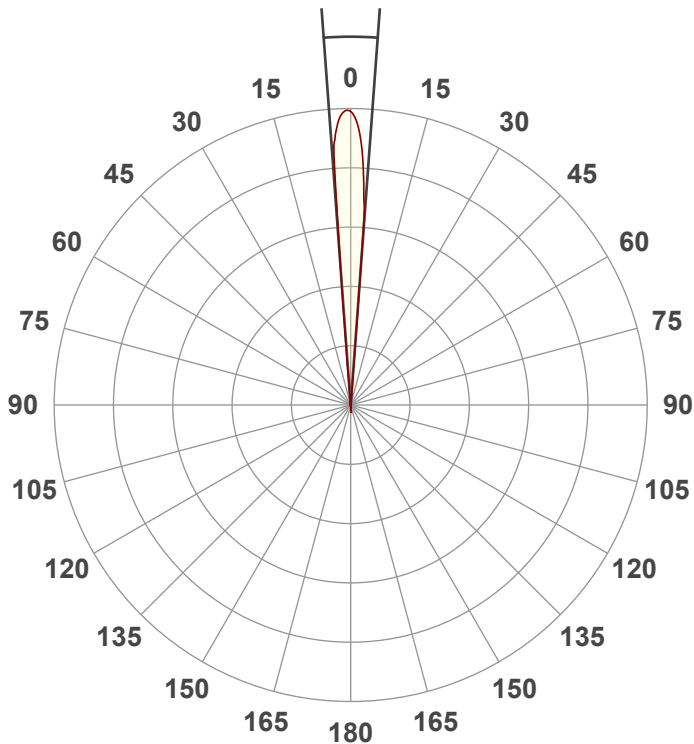
Power: 255.8 W

PF: 0.99



Beam Angle

8.4°



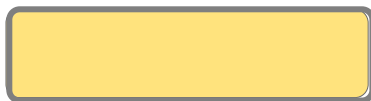
Test:

Zoom 50% CTO

Date:

2/10/2023

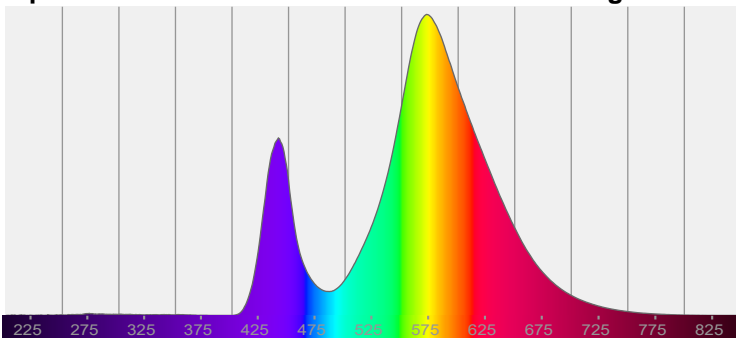
Note:



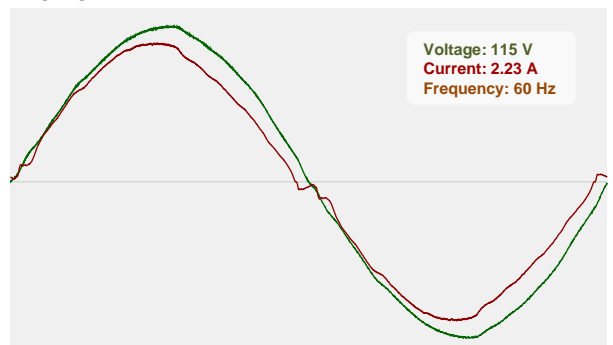
CIE 1931
x: 0.409
y: 0.395

Spectra

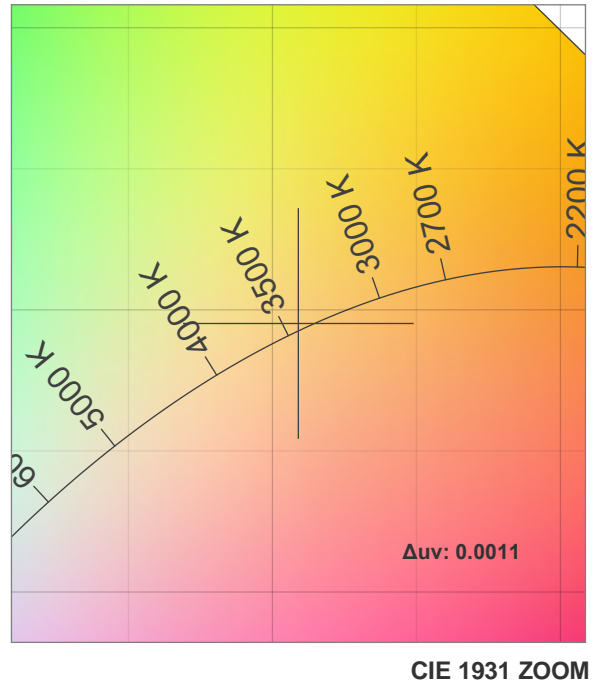
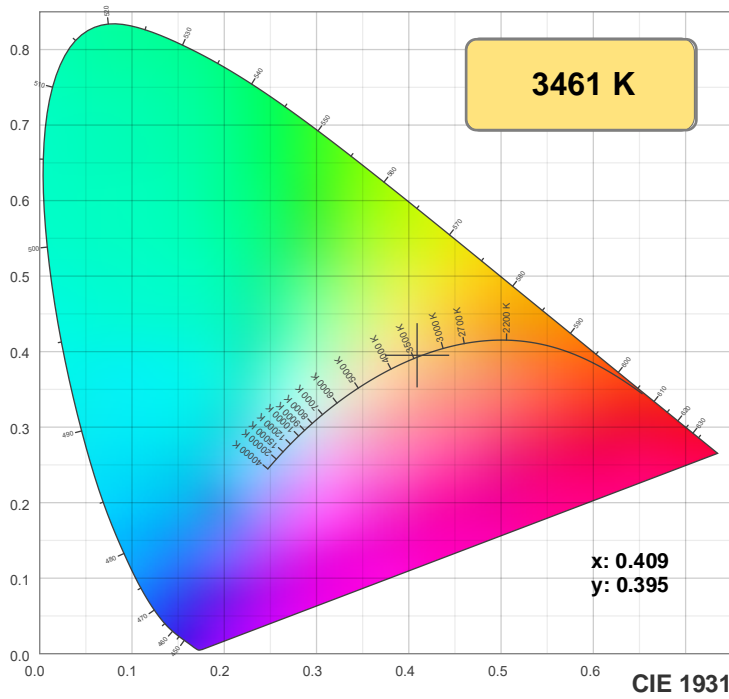
Dominant Wavelength: 582nm



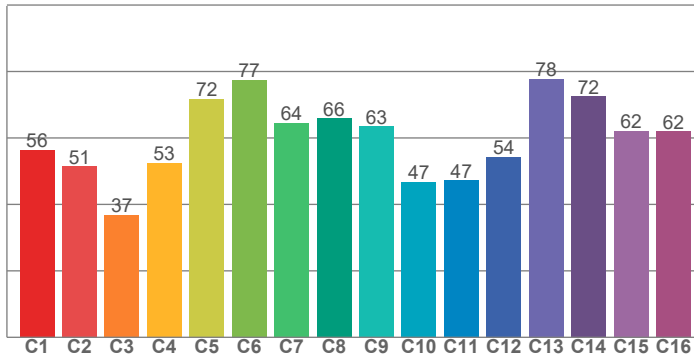
Power



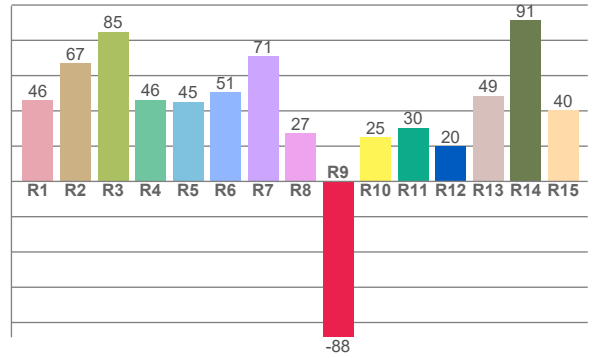
Color Details



TM30: 59.2



CRI: 54.8 (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
46.1	67.2	84.8	46.3	45.2	50.5	71.1	27.2	-88.4	25.0	30.4	20.1	48.7	91.3	40.3

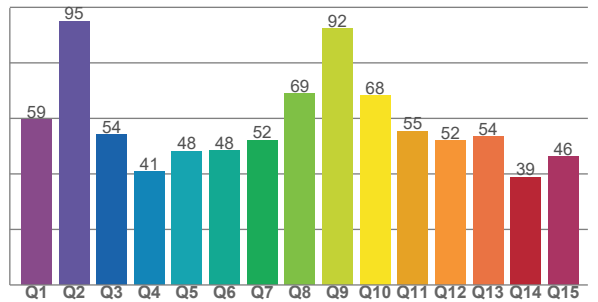
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
56.4	51.5	36.8	52.5	71.8	77.4	64.5	65.9	63.5	46.7	47.3	54.3	77.8	72.5	62.1	61.9

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
59.5	95.0	54.2	40.7	48.2	48.3	52.2	68.9	92.4	68.3	55.4	52.0	53.5	38.8	46.1

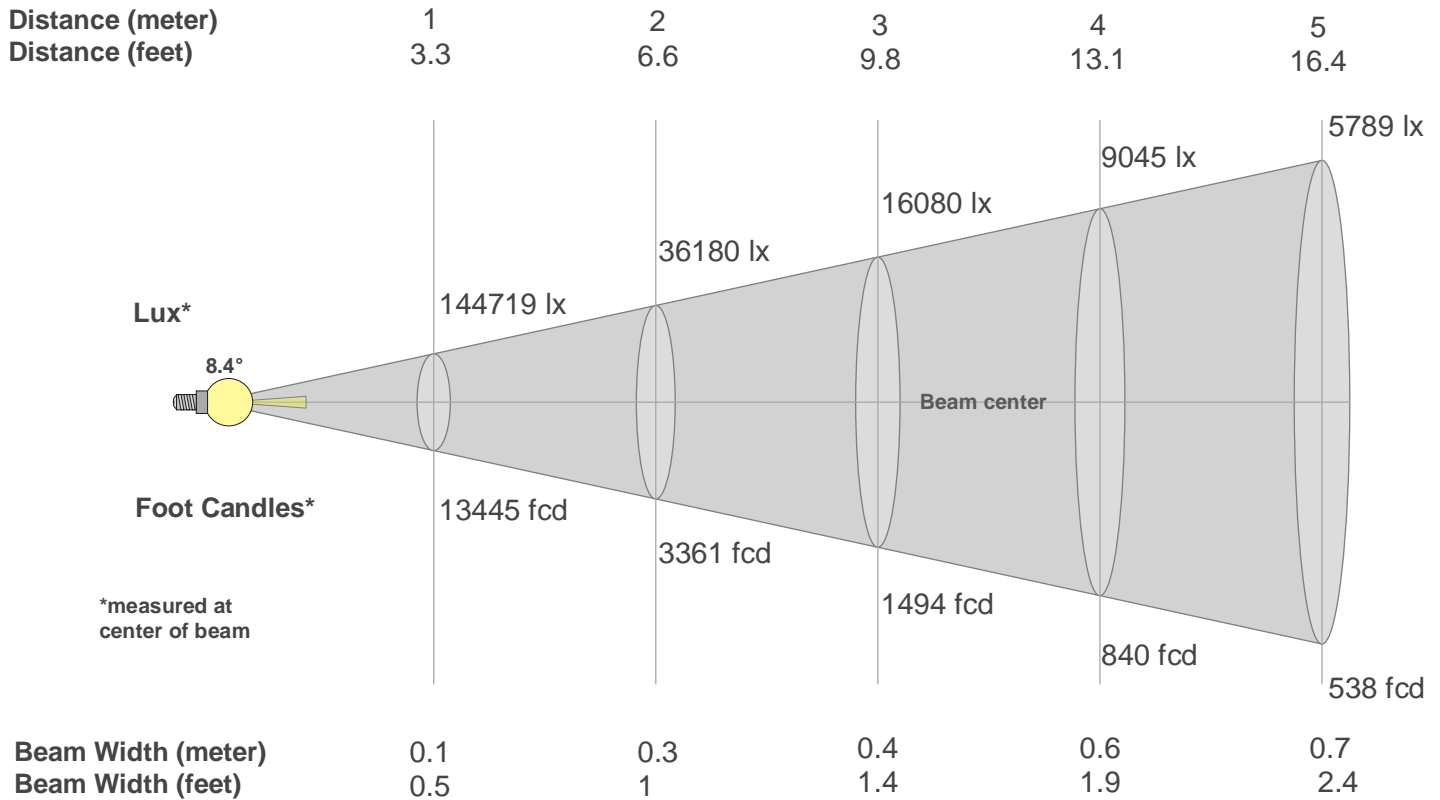
CQS: 55.2



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
3461 K	54.8	-88.4	59.2	85.8	55.2	0.409	0.395	0.236	0.342	0.0011

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	144719	36180	16080	9045	5789	4020	2953	2261	1787	1447	1196	1005	856	738	643	565	501	447	401	362
fcd	13444.9	3361.2	1493.9	840.3	537.8	373.5	274.4	210.1	166	134.4	111.1	93.4	79.6	68.6	59.8	52.5	46.5	41.5	37.2	33.6

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°
145K	145K	143K	136K	101K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	100%	99%	94%	70%	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°
145K	145K	143K	136K	101K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	100%	99%	94%	70%	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°
145K	141K	133K	117K	91K	2K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	97%	92%	81%	63%	2%	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°
145K	141K	133K	117K	91K	2K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	97%	92%	81%	63%	2%	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
8.4°	9.3°	9.8°	100.0%	100.0%