

Focus Hybrid



Light Efficiency:



Light Quality:



Color Temperature:



Output: 3564 lm

Peak: 223426 cd

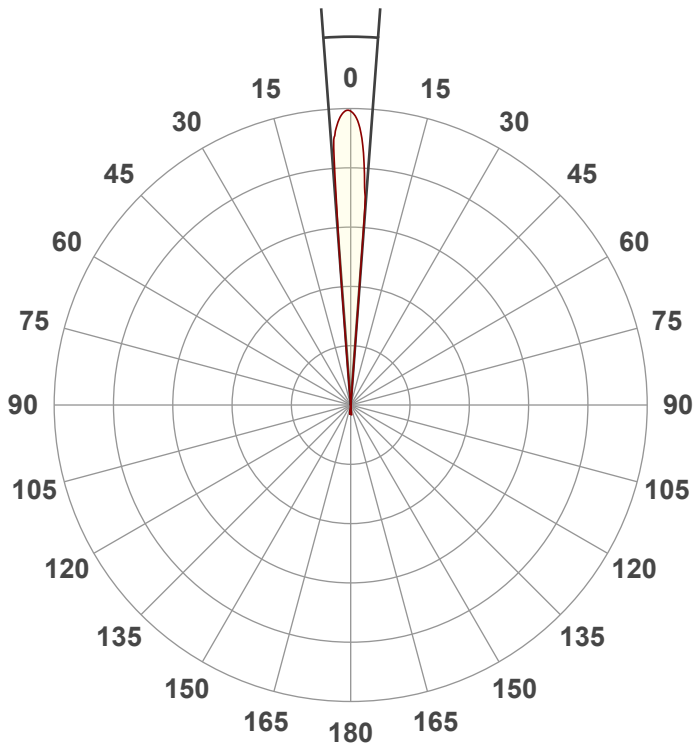
Power: 254.8 W

PF: 0.99



Beam Angle

8.5°



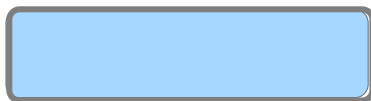
Test:

Zoom 50%

Date:

2/10/2023

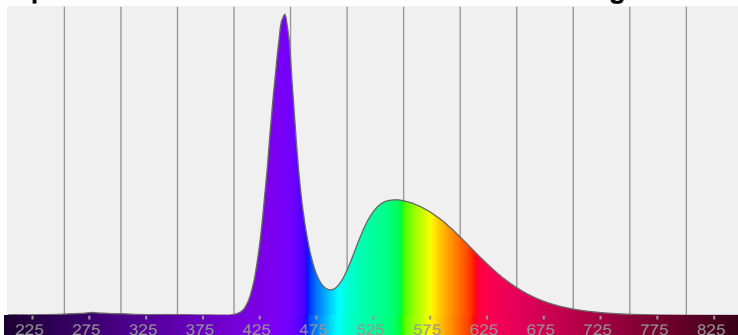
Note:



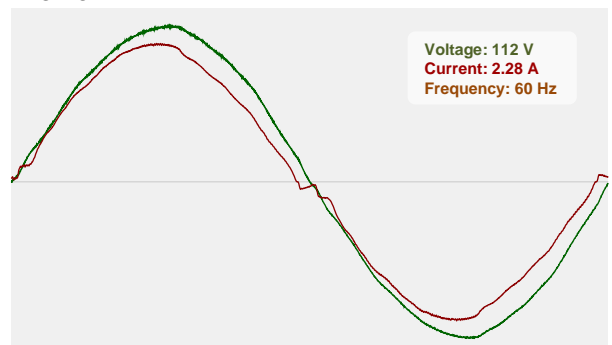
CIE 1931
x: 0.281
y: 0.280

Spectra

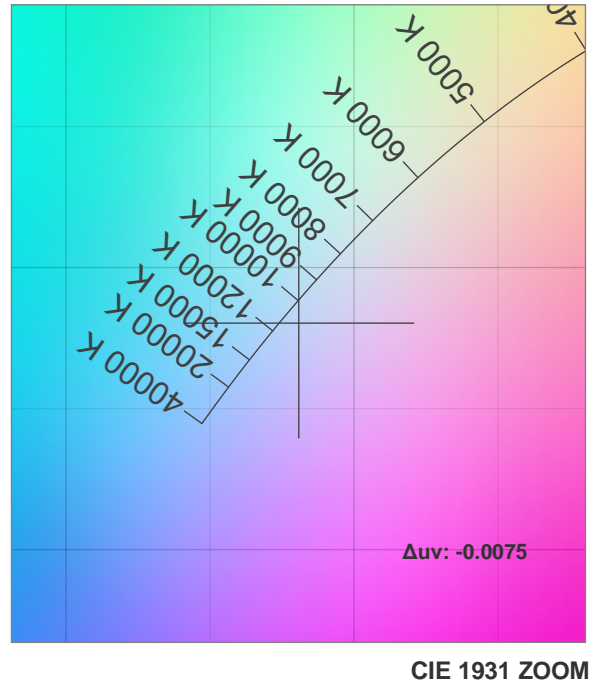
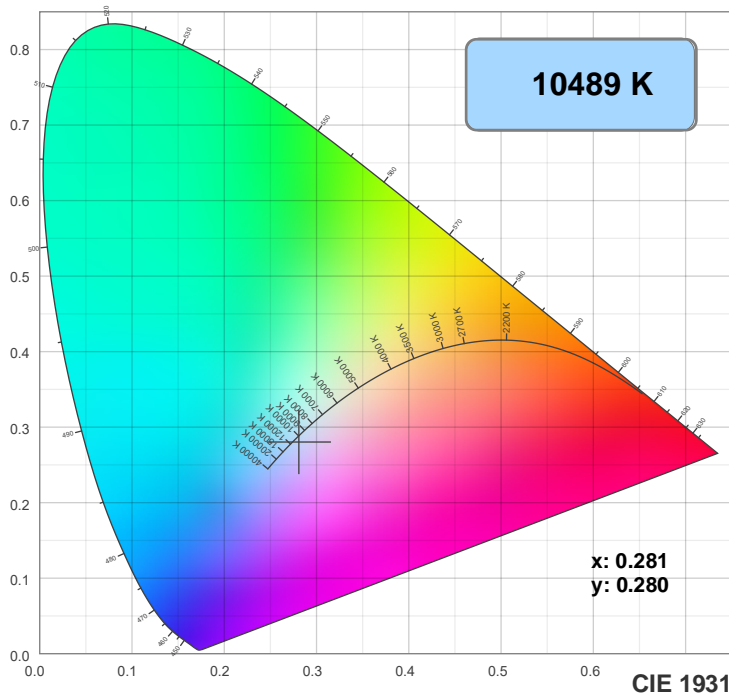
Dominant Wavelength: 468nm



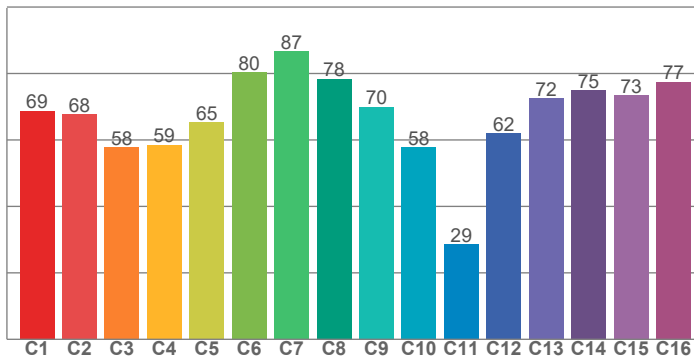
Power



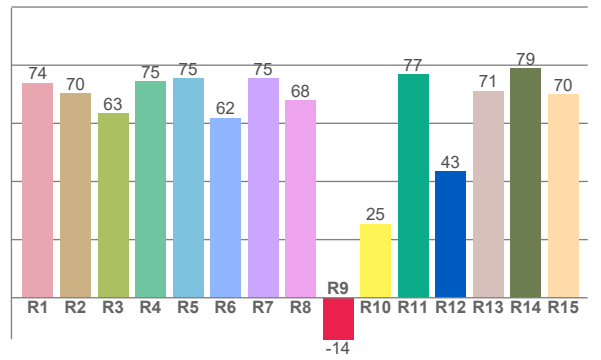
Color Details



TM30: 67.5



CRI: 70.4 (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
73.9	70.4	63.4	74.5	75.3	61.9	75.5	68.0	-14.3	25.4	77.0	43.4	71.2	79.0	70.0

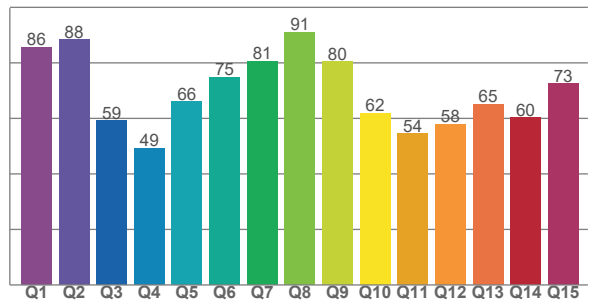
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
68.7	67.7	57.8	58.6	65.3	80.4	86.6	78.3	69.9	57.8	28.6	61.9	72.5	74.9	73.4	77.4

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
85.7	88.4	59.3	49.2	66.1	74.8	80.6	91.1	80.5	61.9	54.4	58.0	65.2	60.2	72.5

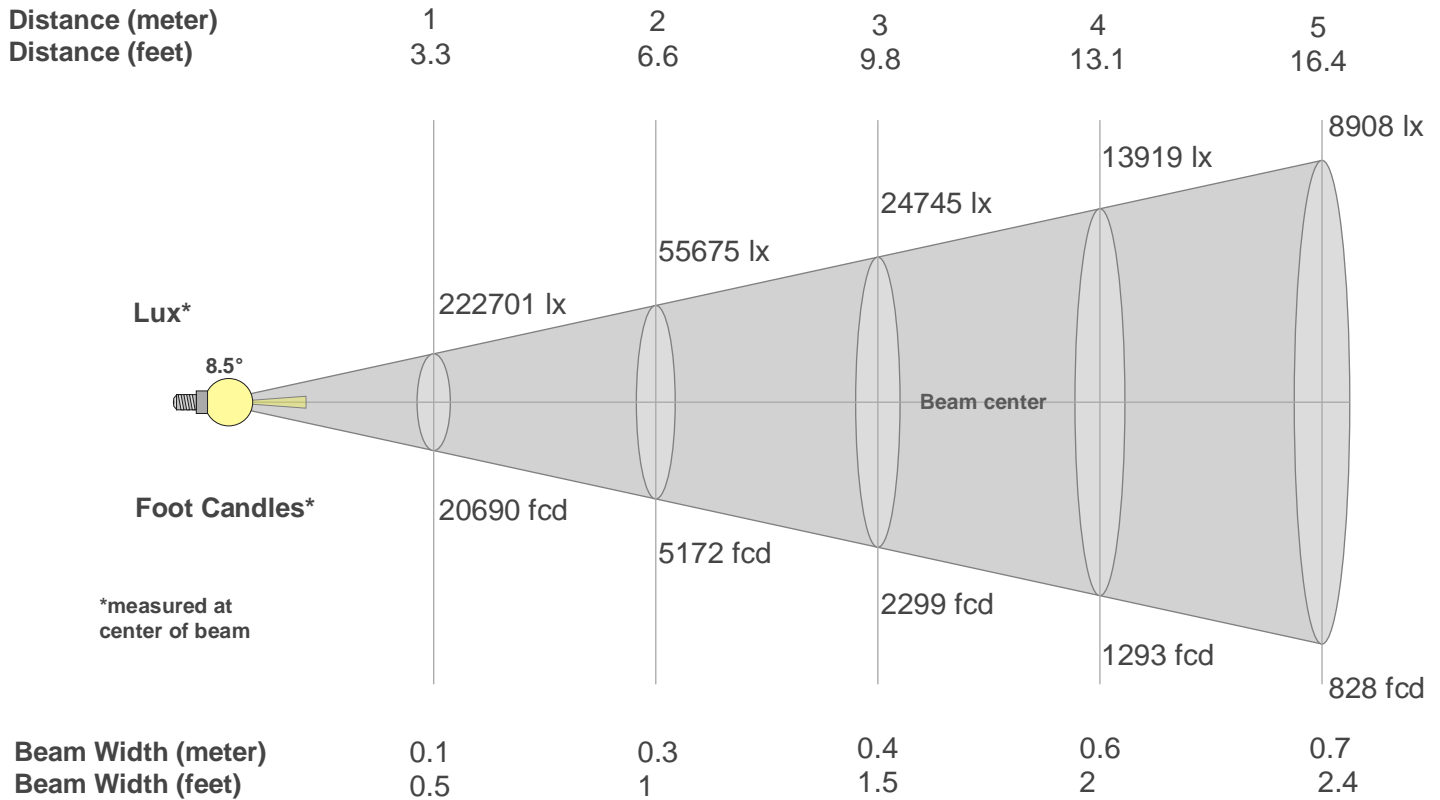
CQS: 67.3



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
10489 K	70.4	-14.3	67.5	95.4	67.3	0.281	0.280	0.194	0.290	-0.0075

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	22270 1	55675	24745	13919	8908	6186	4545	3480	2749	2227	1841	1547	1318	1136	990	870	771	687	617	557
fcd	20689. 6	5172.4	2298.8	1293.1	827.6	574.7	422.2	323.3	255.4	206.9	171	143.7	122.4	105.6	92	80.8	71.6	63.9	57.3	51.7

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°
223K	223K	219K	210K	158K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	100%	98%	94%	71%	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°
223K	223K	219K	210K	158K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	100%	98%	94%	71%	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°
223K	218K	208K	188K	148K	2K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	98%	94%	84%	66%	1%	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°
223K	218K	208K	188K	148K	2K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	98%	94%	84%	66%	1%	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
8.5°	9.3°	9.6°	100.0%	100.0%