

Encore Z7IP



Light Efficiency:



Light Quality:



Color Temperature:



Output: 1870 lm

Peak: 6761 cd

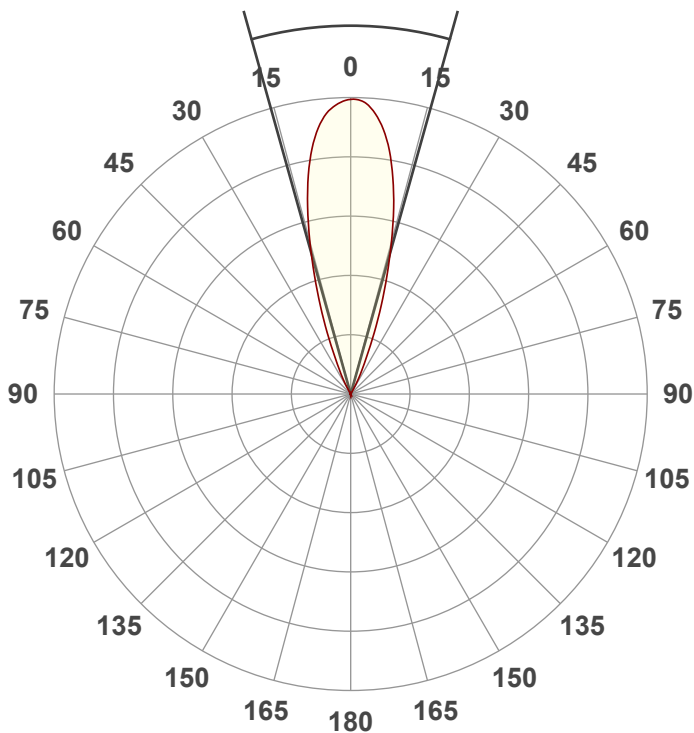
Power: 150.2 W

PF: 0.99



Beam Angle

31.2°



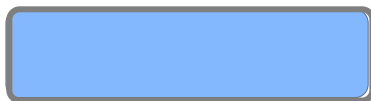
Test:

Full On Zoom 50%

Date:

2/20/2023

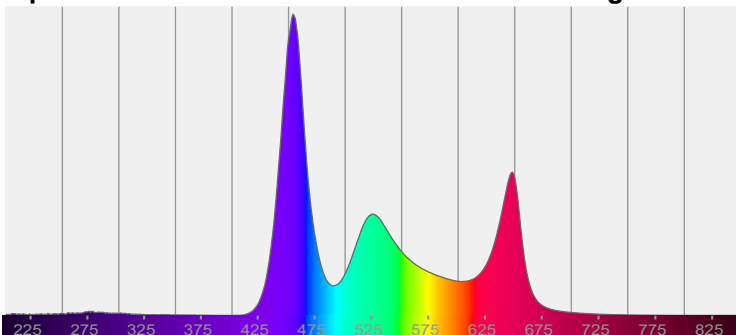
Note:



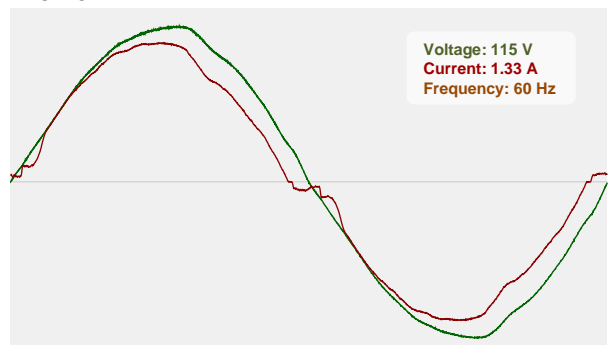
CIE 1931
x: 0.255
y: 0.237

Spectra

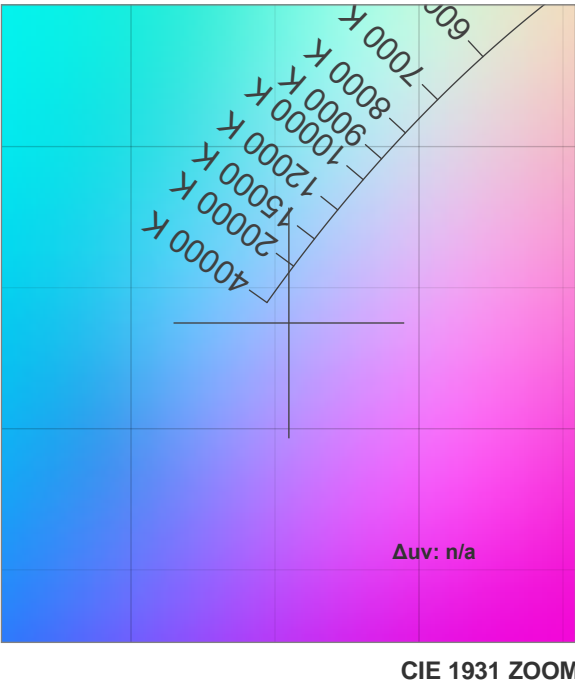
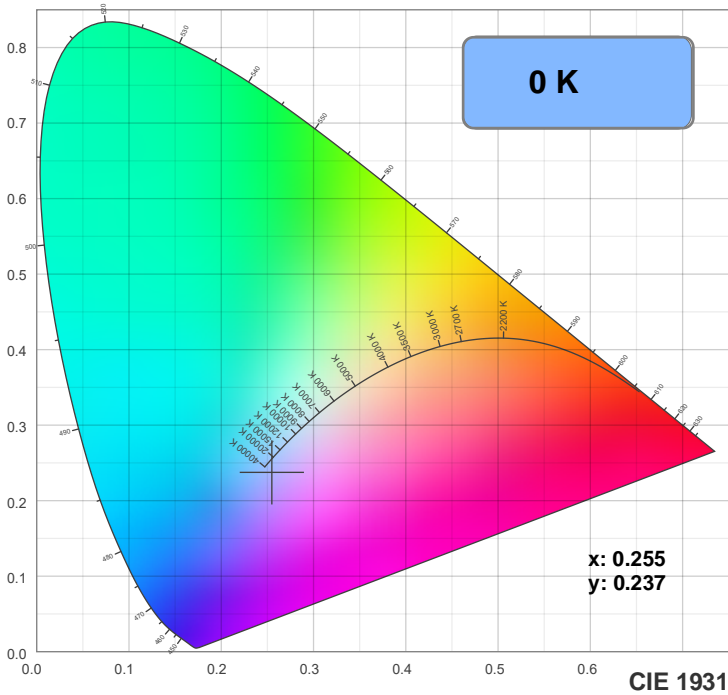
Dominant Wavelength: 466nm



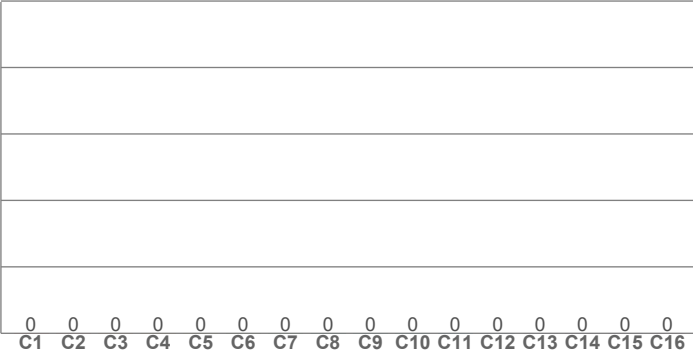
Power



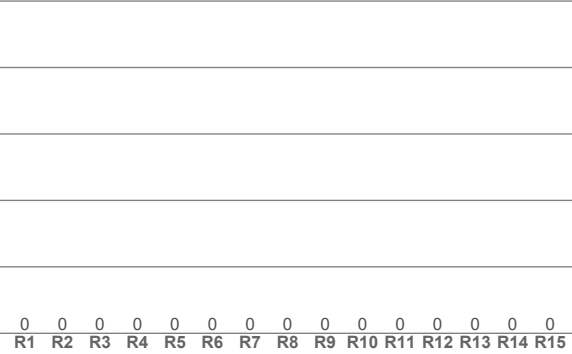
Color Details



TM30: 0.0



CRI: 0.0 (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
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

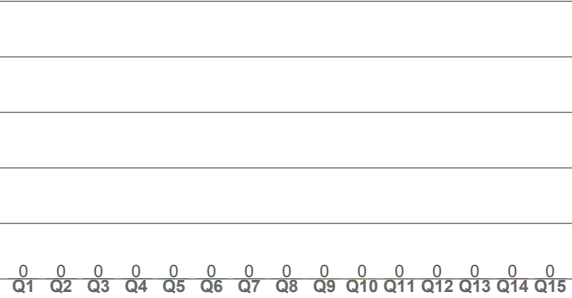
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

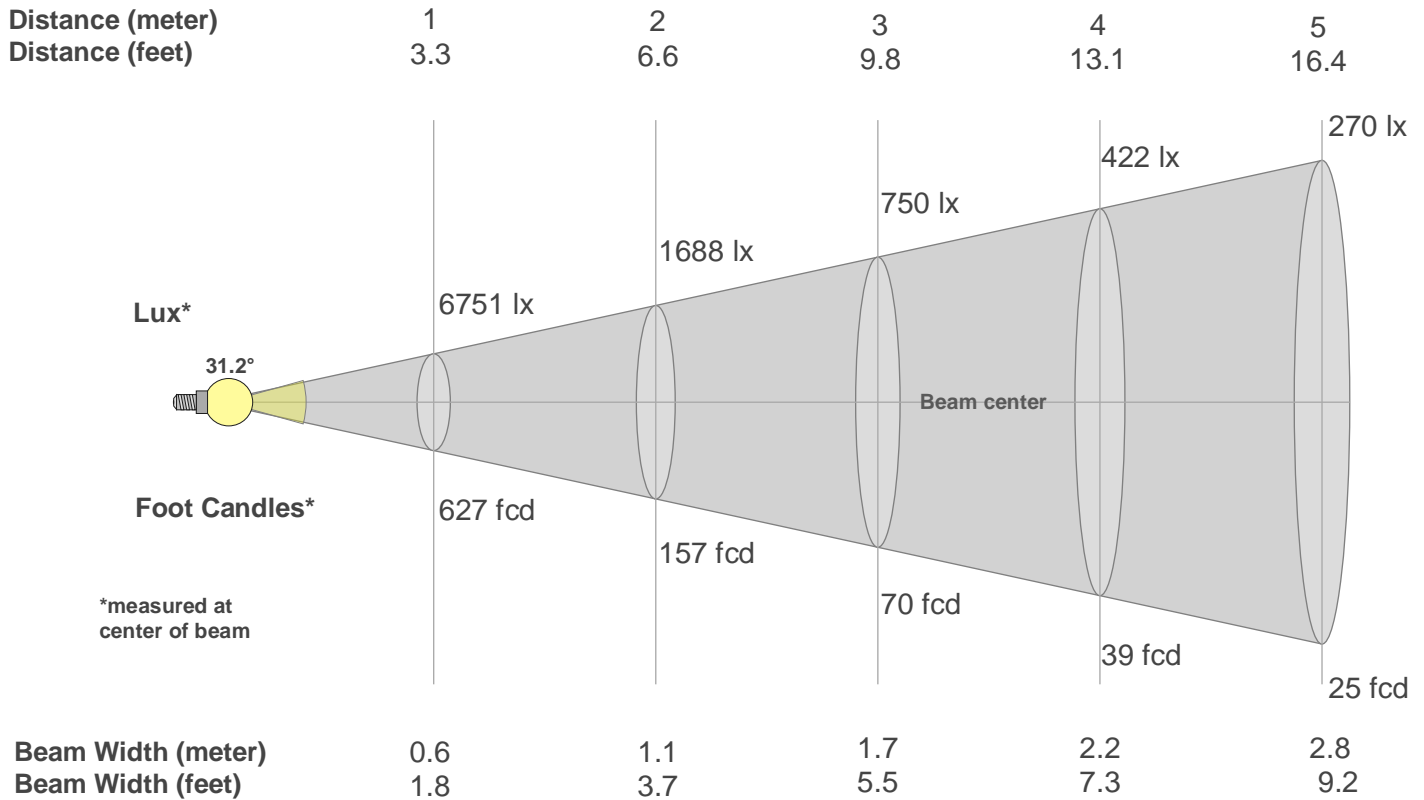
CQS: 0.0



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 Diviation from Black Body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
0 K	0.0	0.0	0.0	0.0	0.0	0.255	0.237	0.191	0.267	n/a

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	6751	1688	750	422	270	188	138	105	83	68	56	47	40	34	30	26	23	21	19	17
fcd	627.1	156.8	69.7	39.2	25.1	17.4	12.8	9.8	7.7	6.3	5.2	4.4	3.7	3.2	2.8	2.4	2.2	1.9	1.7	1.6

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°
6751	6687	6545	6298	5915	5395	4746	4005	3230	2484	1811	1216	773	496	276	95	14	1	0	0
100%	99%	97%	93%	88%	80%	70%	59%	48%	37%	27%	18%	11%	7%	4%	1%	0%	0%	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°
6751	6687	6545	6298	5915	5395	4746	4005	3230	2484	1811	1216	773	496	276	95	14	1	0	0
100%	99%	97%	93%	88%	80%	70%	59%	48%	37%	27%	18%	11%	7%	4%	1%	0%	0%	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°
6751	6721	6570	6292	5895	5364	4723	3999	3234	2507	1836	1237	793	506	272	92	14	1	0	0
100%	100%	97%	93%	87%	79%	70%	59%	48%	37%	27%	18%	12%	7%	4%	1%	0%	0%	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°
6751	6721	6570	6292	5895	5364	4723	3999	3234	2507	1836	1237	793	506	272	92	14	1	0	0
100%	100%	97%	93%	87%	79%	70%	59%	48%	37%	27%	18%	12%	7%	4%	1%	0%	0%	0%	0%

Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
31.2°	49.3°	57.9°	100.0%	100.0%