

Encore LP12Z IP



Light Efficiency:



Light Quality:



Color Temperature:

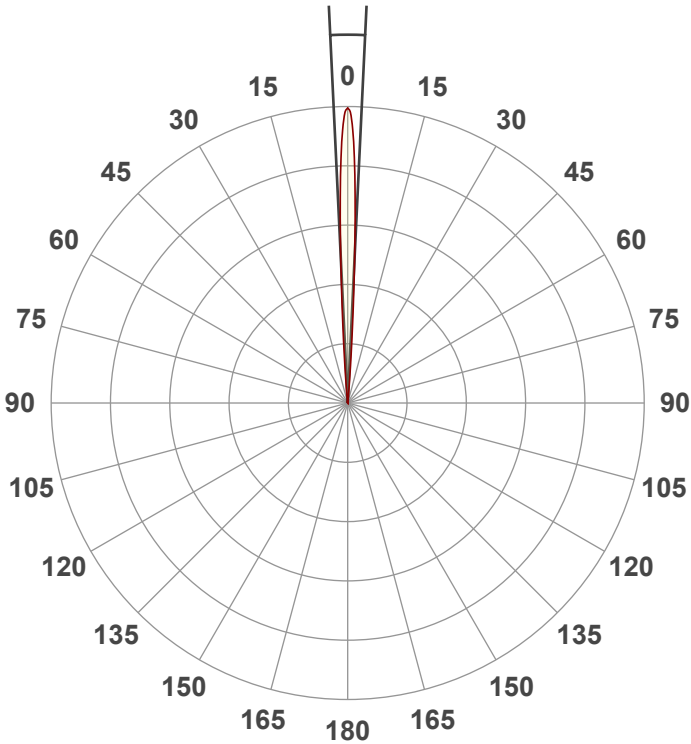


Output: 1290 lm
Peak: 142313 cd
Power: 127 W
PF: 1.0

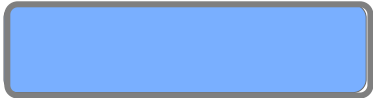


Beam Angle

5.4°



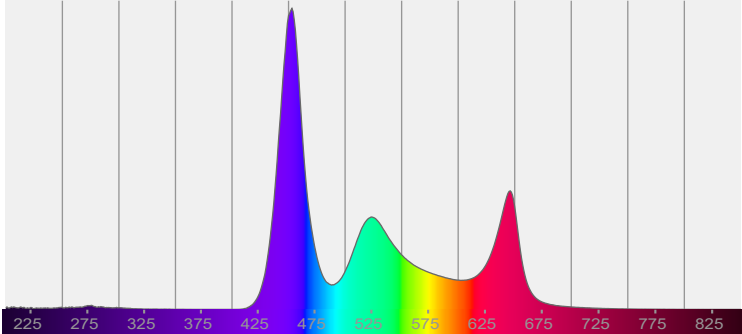
Test:
Full On Zoom In
Date:
9/12/2023
Note:



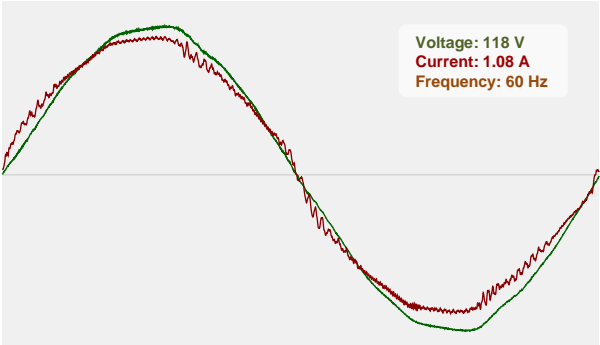
CIE 1931
x: 0.247
y: 0.223

Spectra

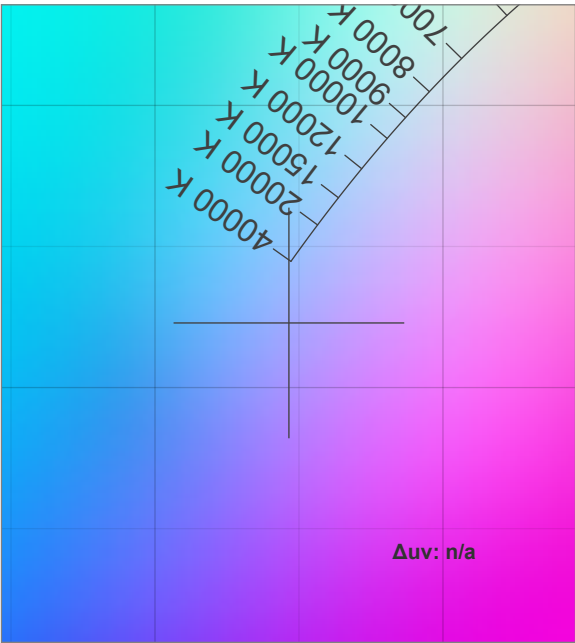
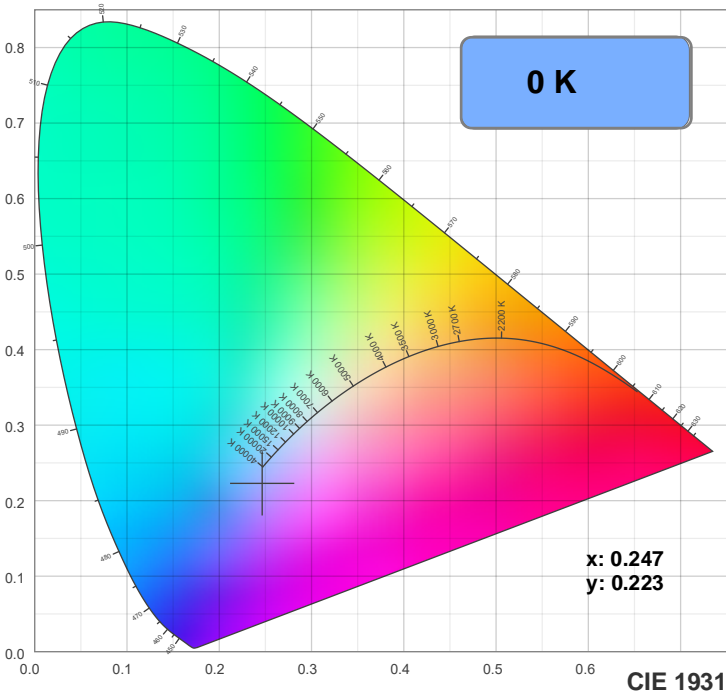
Dominant Wavelength: 466nm



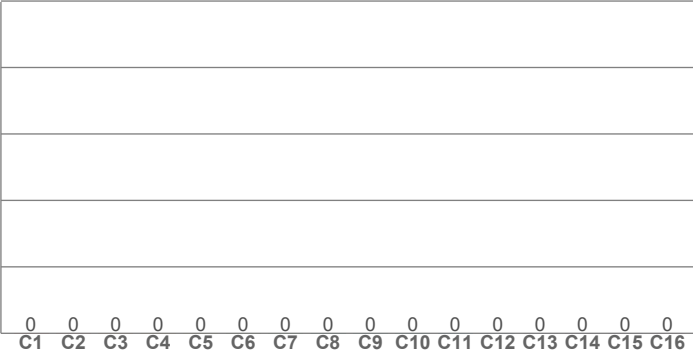
Power



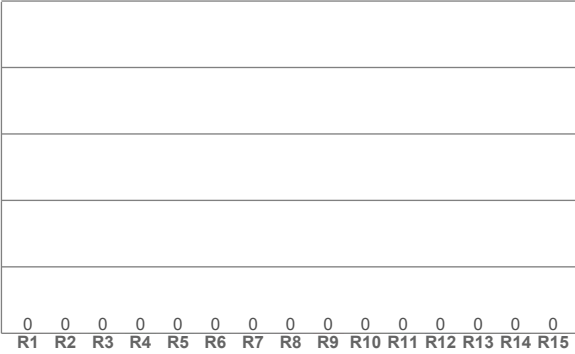
Color Details



TM30: 0.0



CRI: 0.0 (R1-R8)

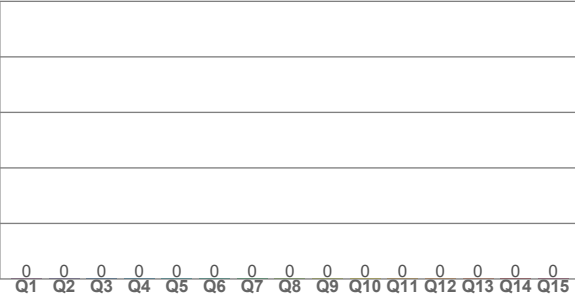


CRI R values, only R1-R8 are used to calculate final CRI value														
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

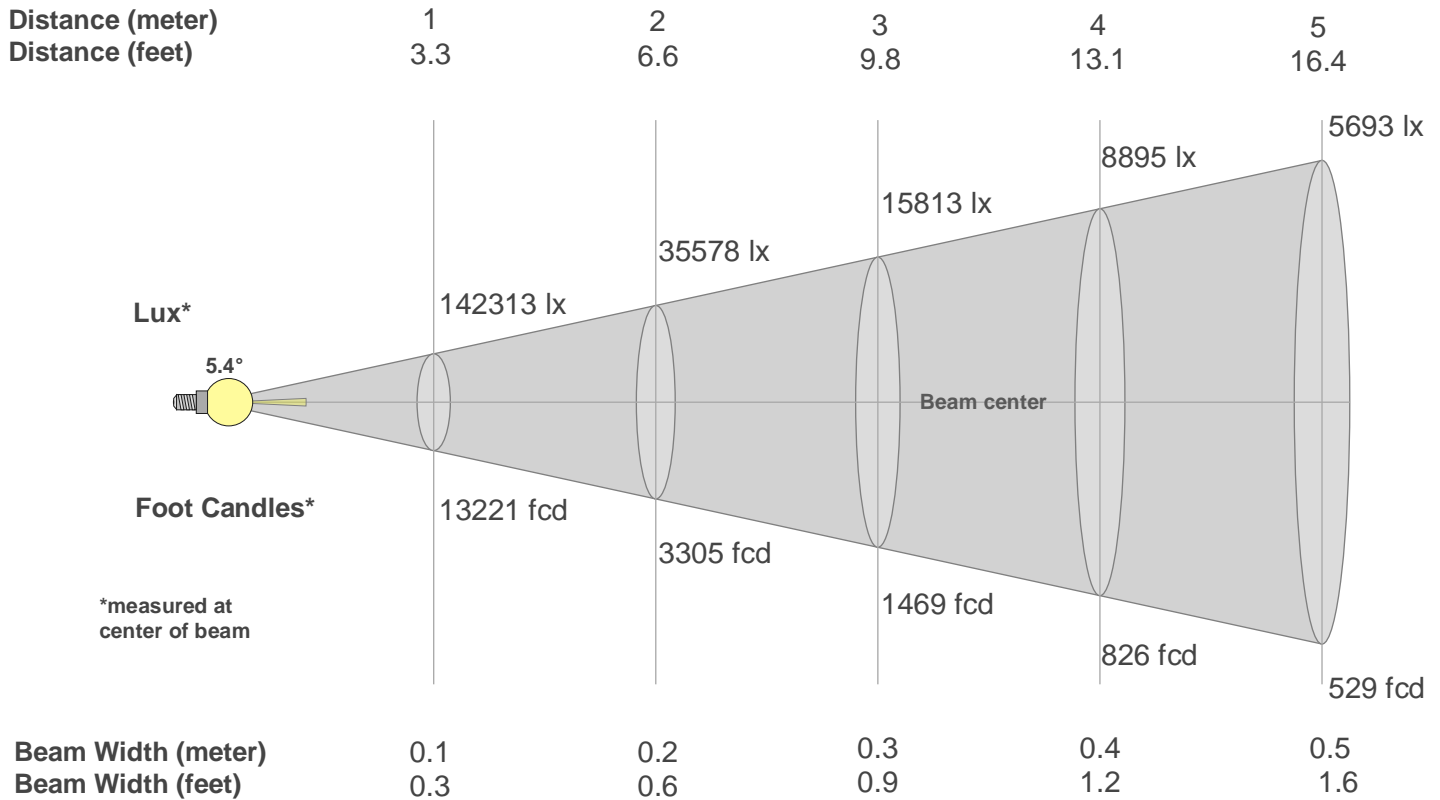
CQS: 0.0



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	0.247	0.223	0.190	0.258	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	142313	35578	15813	8895	5693	3953	2904	2224	1757	1423	1176	988	842	726	633	556	492	439	394	356
fcd	13221.3	3305.3	1469	826.3	528.9	367.3	269.8	206.6	163.2	132.2	109.3	91.8	78.2	67.5	58.8	51.6	45.7	40.8	36.6	33.1

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°
142K	133K	102K	59K	25K	8K	1K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	93%	72%	41%	18%	6%	1%	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°
142K	133K	102K	59K	25K	8K	1K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	93%	72%	41%	18%	6%	1%	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°
142K	133K	102K	59K	25K	8K	1K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	93%	72%	41%	18%	6%	1%	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°
142K	133K	102K	59K	25K	8K	1K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	93%	72%	41%	18%	6%	1%	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
5.4°	9°	11°	100.0%	100.0%