

Encore LP 12IP



Light Efficiency:

25 Lumen/Watt

Light Quality:

CRI: 0.0

Color Temperature:

30431 K

Output: 4651 lm

Peak: 132331 cd

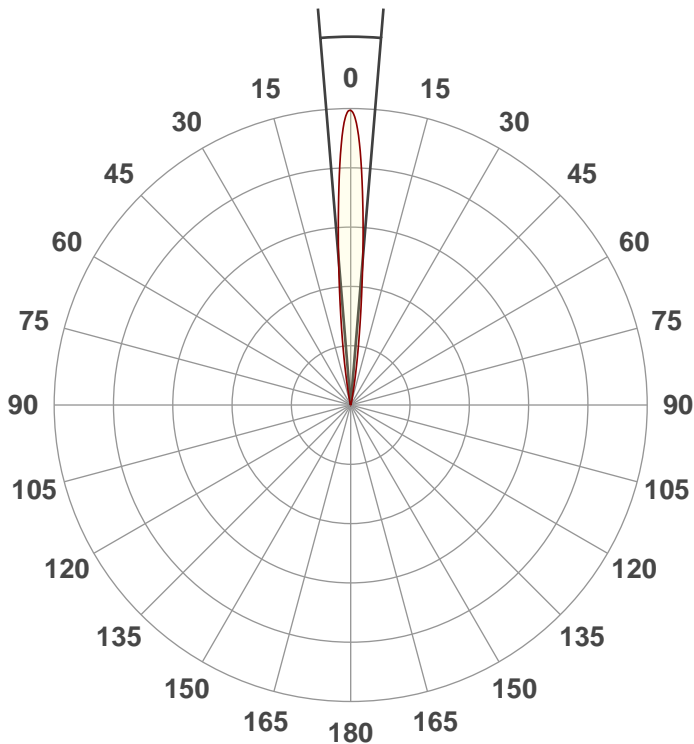
Power: 186.1 W

PF: 0.99



Beam Angle

9.5°



Test:

Full On

Date:

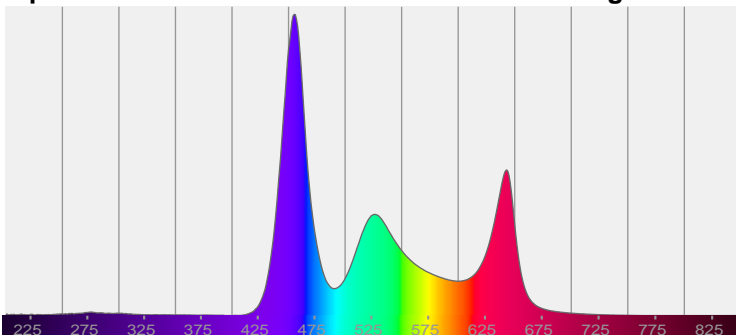
7/30/2021

Note:

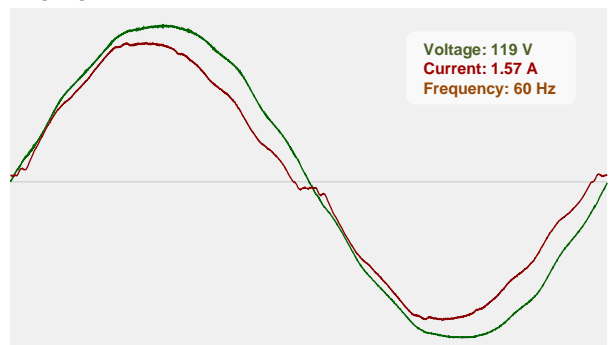
CIE 1931
x: 0.260
y: 0.240

Spectra

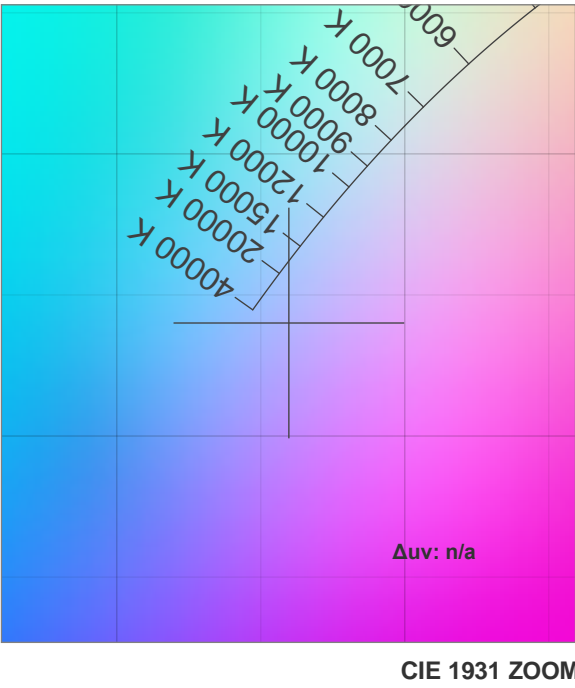
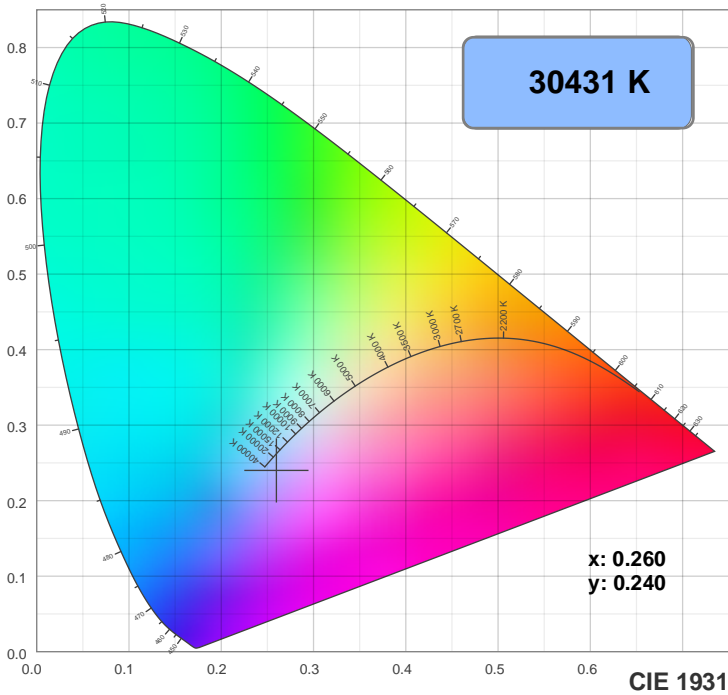
Dominant Wavelength: 463nm



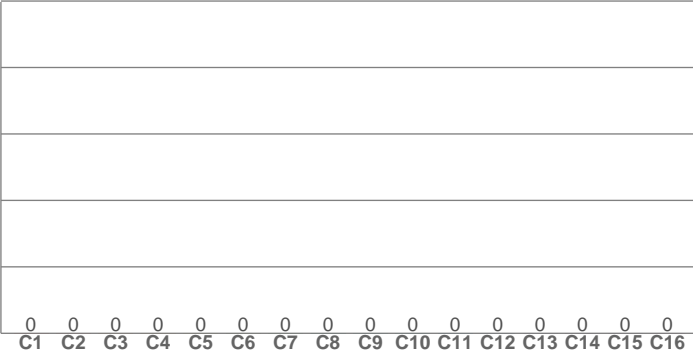
Power



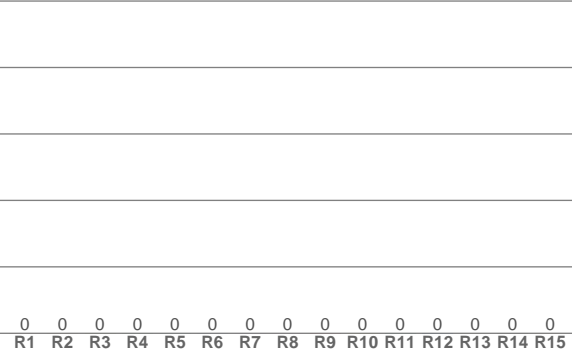
Color Details



TM30: 0.0



CRI: 0.0 (R1-R8)

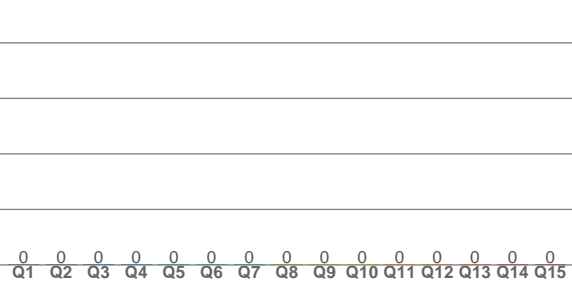


CRI R values, only R1-R8 are used to calculate final CRI value															
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

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	

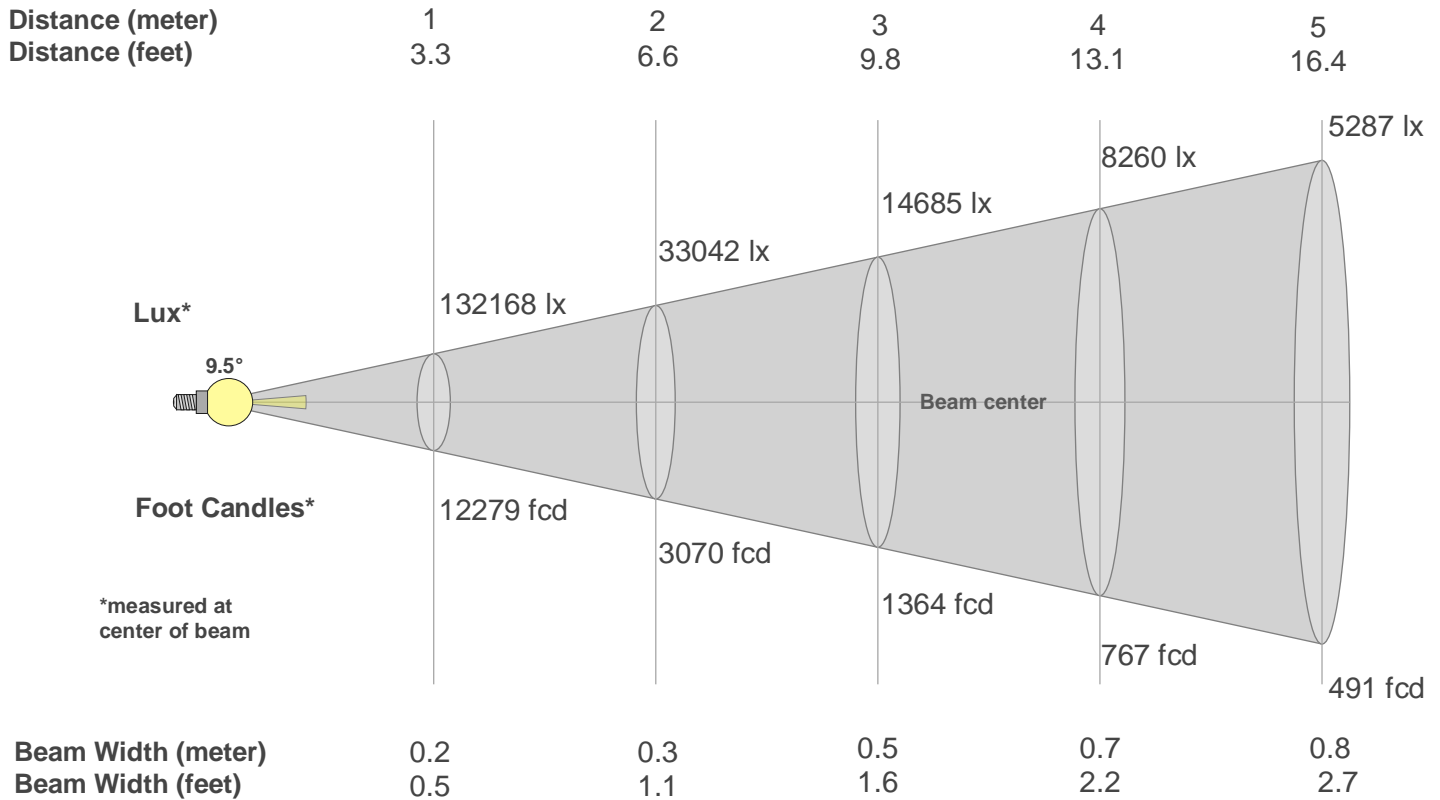
CQS: 0.0



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
30431 K	0.0	0.0	0.0	0.0	0.0	0.260	0.240	0.194	0.269	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	132168	33042	14685	8260	5287	3671	2697	2065	1632	1322	1092	918	782	674	587	516	457	408	366	330
fcd	12278.8	3069.7	1364.3	767.4	491.2	341.1	250.6	191.9	151.6	122.8	101.5	85.3	72.7	62.6	54.6	48	42.5	37.9	34	30.7

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°
132K	129K	118K	100K	80K	61K	45K	32K	22K	14K	9K	5K	3K	3K	2K	2K	1K	1K	1K	1K
100%	98%	89%	76%	60%	46%	34%	24%	17%	11%	7%	4%	3%	2%	2%	1%	1%	1%	1%	1%

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°
132K	129K	118K	100K	80K	61K	45K	32K	22K	14K	9K	5K	3K	3K	2K	2K	1K	1K	1K	1K
100%	98%	89%	76%	60%	46%	34%	24%	17%	11%	7%	4%	3%	2%	2%	1%	1%	1%	1%	1%

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°
132K	128K	116K	99K	80K	61K	45K	32K	22K	14K	8K	5K	3K	3K	1K	1K	1K	1K	0K	0K
100%	97%	88%	75%	60%	46%	34%	24%	16%	10%	6%	4%	3%	2%	1%	1%	1%	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°
132K	128K	116K	99K	80K	61K	45K	32K	22K	14K	8K	5K	3K	3K	1K	1K	1K	1K	0K	0K
100%	97%	88%	75%	60%	46%	34%	24%	16%	10%	6%	4%	3%	2%	1%	1%	1%	0%	0%	0%

Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
9.5°	18.2°	24.3°	100.0%	100.0%