

# Encore LB15IP



Light Efficiency:

34 Lumen/Watt

Light Quality:

CRI: 61.3

Color Temperature:

3070 K

Output: 3631 lm

Peak: 58922 cd

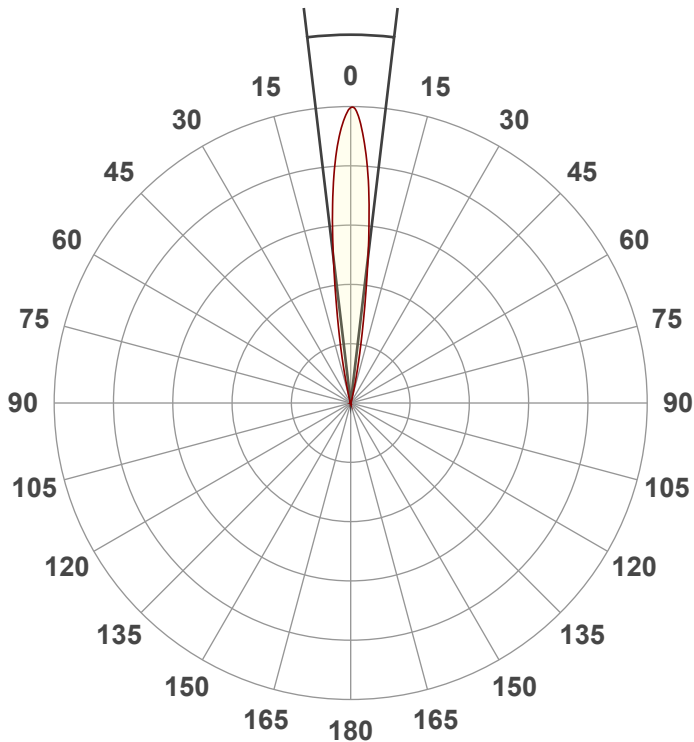
Power: 107.2 W

PF: 0.98



Beam Angle

13.5°



Test:

3200K

Date:

9/16/2022

Note:

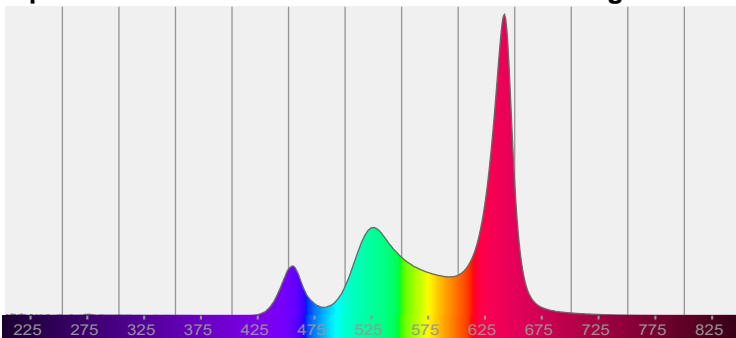
DMX @ 10



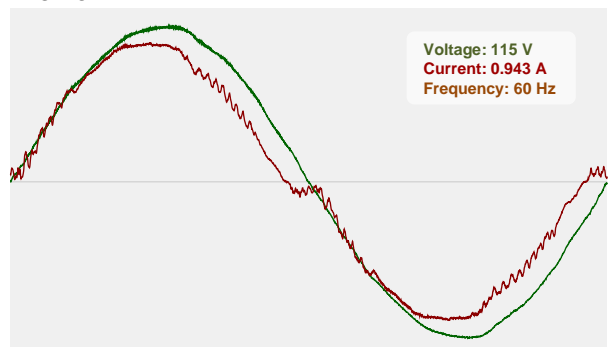
CIE 1931  
x: 0.436  
y: 0.411

Spectra

Dominant Wavelength: 582nm

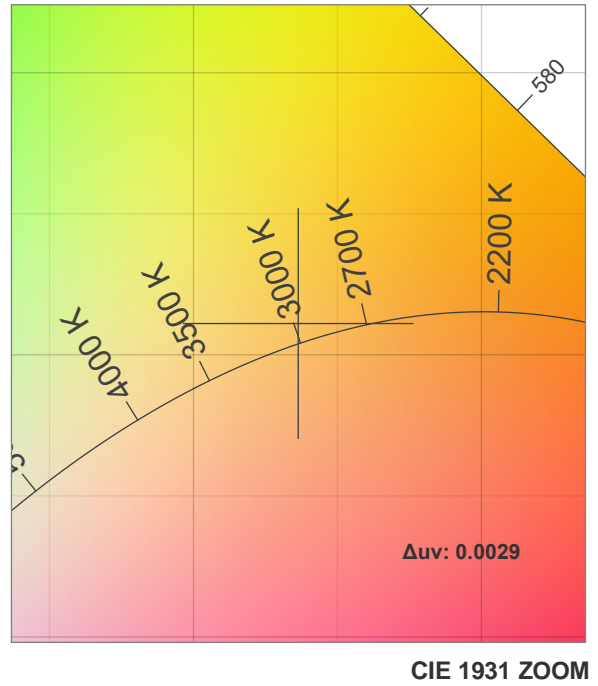
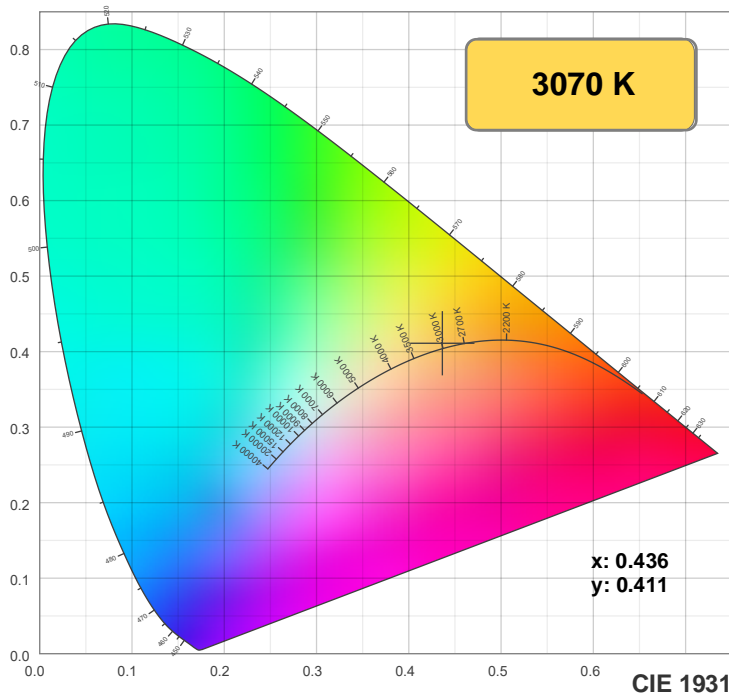


Power

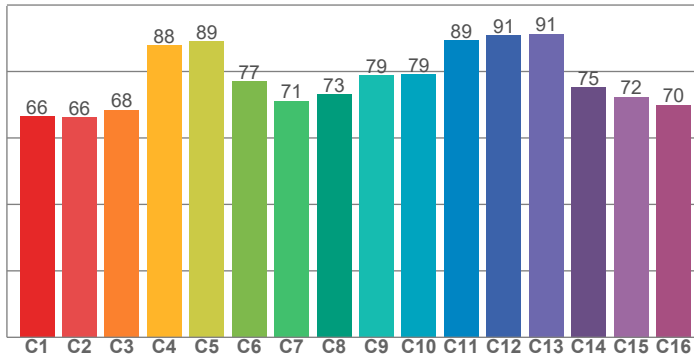


Voltage: 115 V  
Current: 0.943 A  
Frequency: 60 Hz

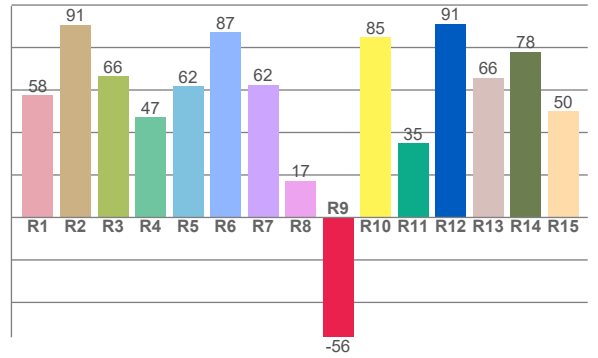
## Color Details



TM30: 78.2



CRI: 61.3 (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
57.7	90.7	66.4	47.2	61.7	87.1	62.5	17.4	-56.4	84.8	34.9	91.3	65.8	78.0	49.9

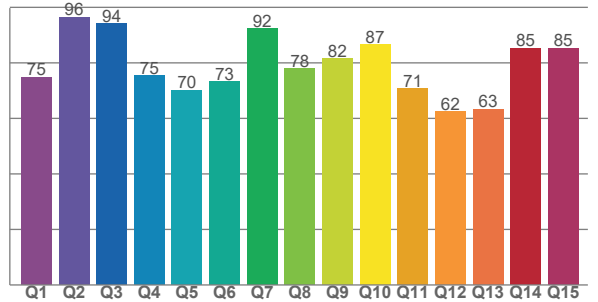
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
66.4	66.1	68.4	87.8	89.1	77.0	71.2	73.1	78.8	79.2	89.3	90.8	91.3	75.2	72.4	69.9

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
74.9	96.5	94.2	75.4	70.2	73.3	92.3	77.8	81.5	86.6	70.8	62.4	63.4	85.3	85.3

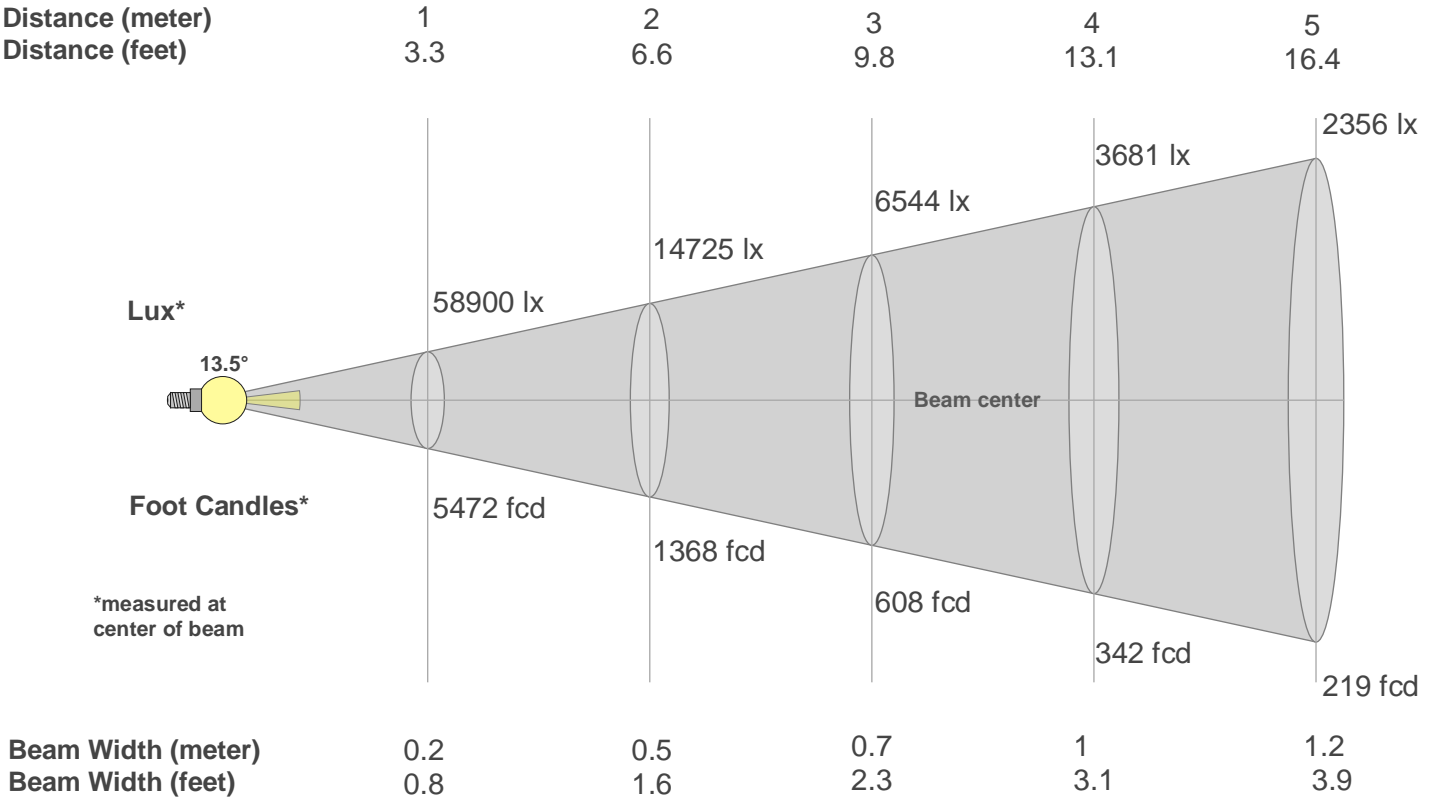
CQS: 76.8



## 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	$\Delta uv$
3070 K	61.3	-56.4	78.2	115.3	76.8	0.436	0.411	0.247	0.349	0.0029

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	58900	14725	6544	3681	2356	1636	1202	920	727	589	487	409	349	301	262	230	204	182	163	147
fcd	5472	1368	608	342	218.9	152	111.7	85.5	67.6	54.7	45.2	38	32.4	27.9	24.3	21.4	18.9	16.9	15.2	13.7

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°
58.9K	57.4K	54.8K	51.2K	46.7K	41.1K	34.7K	27.9K	21.5K	16.2K	11.9K	8.4K	5.4K	3.5K	2.4K	1.8K	1.3K	0.9K	0.6K	0.5K
100%	97%	93%	87%	79%	70%	59%	47%	37%	28%	20%	14%	9%	6%	4%	3%	2%	2%	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°
58.9K	57.4K	54.8K	51.2K	46.7K	41.1K	34.7K	27.9K	21.5K	16.2K	11.9K	8.4K	5.4K	3.5K	2.4K	1.8K	1.3K	0.9K	0.6K	0.5K
100%	97%	93%	87%	79%	70%	59%	47%	37%	28%	20%	14%	9%	6%	4%	3%	2%	2%	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°
58.9K	58.4K	55.9K	52.1K	47.4K	41.7K	34.8K	27.9K	21.3K	15.7K	11.3K	7.9K	5.2K	3.3K	2.2K	1.5K	1.1K	0.9K	0.7K	0.5K
100%	99%	95%	88%	80%	71%	59%	47%	36%	27%	19%	13%	9%	6%	4%	3%	2%	1%	1%	1%

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°
58.9K	58.4K	55.9K	52.1K	47.4K	41.7K	34.8K	27.9K	21.3K	15.7K	11.3K	7.9K	5.2K	3.3K	2.2K	1.5K	1.1K	0.9K	0.7K	0.5K
100%	99%	95%	88%	80%	71%	59%	47%	36%	27%	19%	13%	9%	6%	4%	3%	2%	1%	1%	1%

Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
13.5°	23.5°	30.7°	100.0%	100.0%