

Encore Burst RGBW IP



Light Efficiency:

49 Lumen/Watt

Light Quality:

CRI: 72.8

Color Temperature:

7937 K

Output: 1515 lm

Peak: 2635 cd

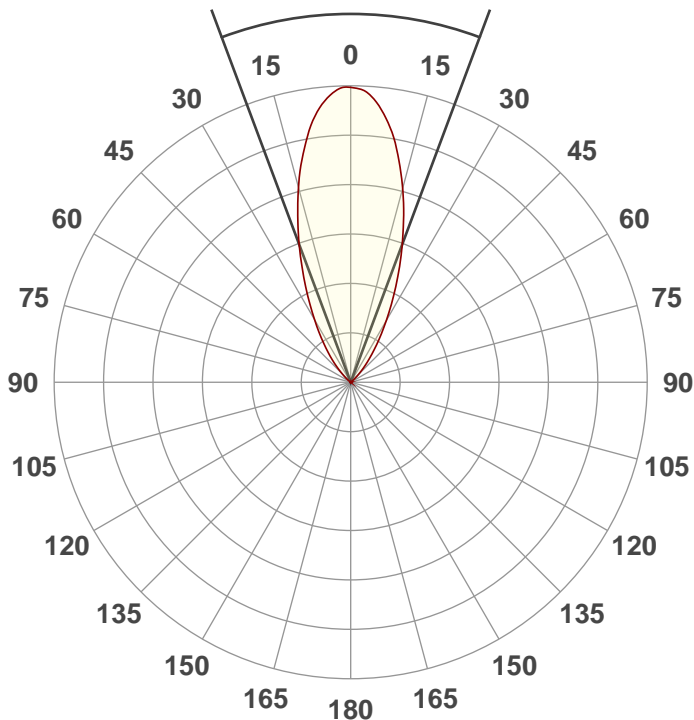
Power: 30.8 W

PF: 0.93



Beam Angle

41°



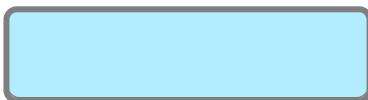
Test:

White

Date:

9/3/2019

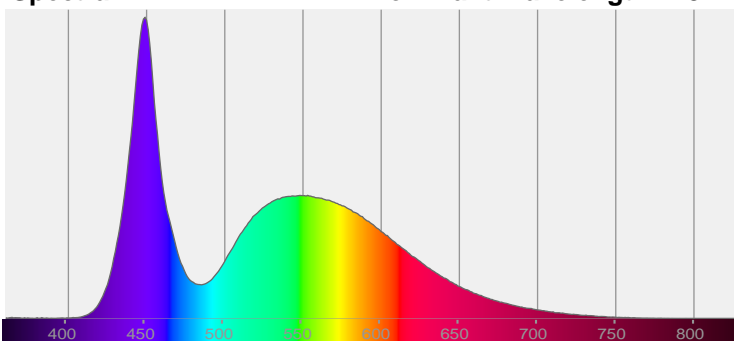
Note:



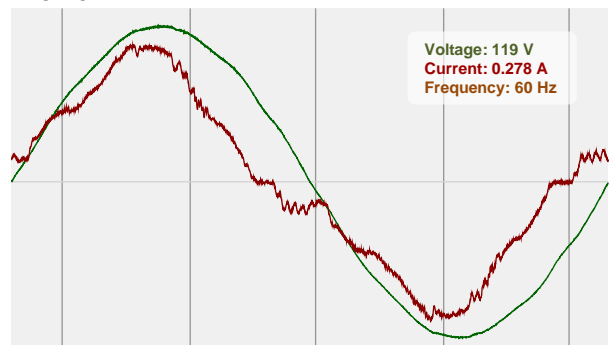
CIE 1931
x: 0.294
y: 0.310

Spectra

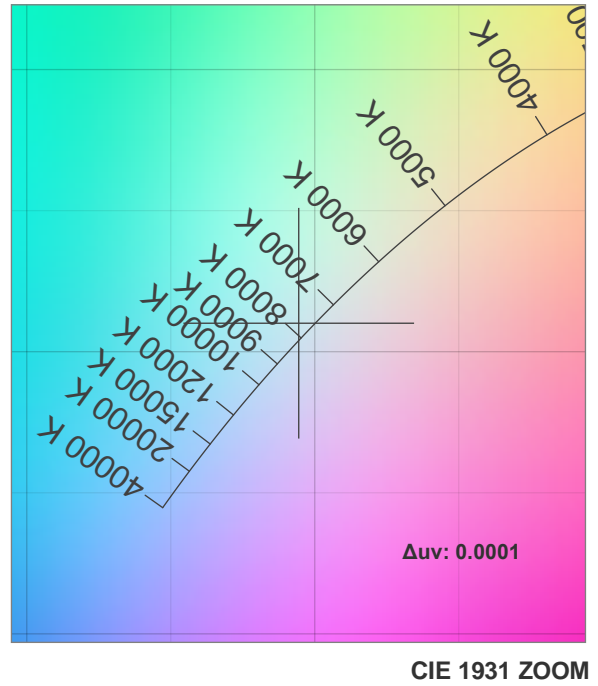
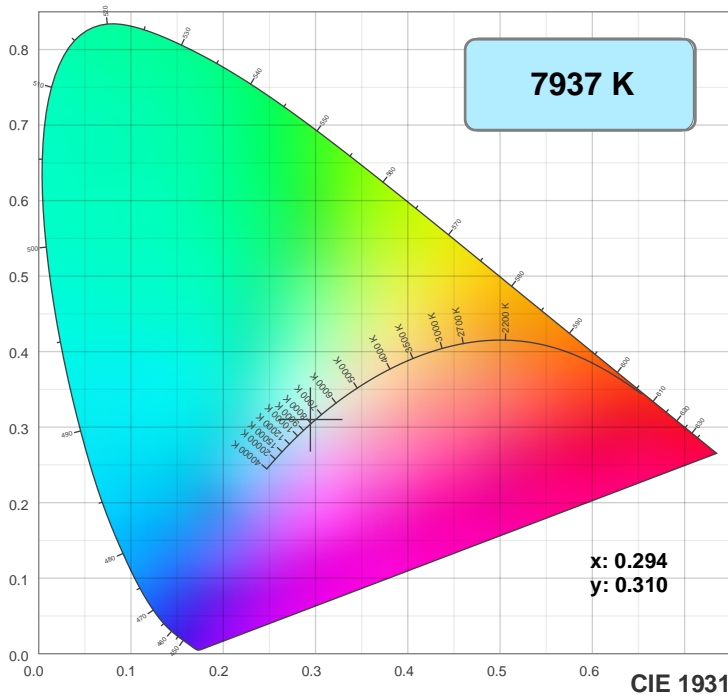
Dominant Wavelength: 478nm



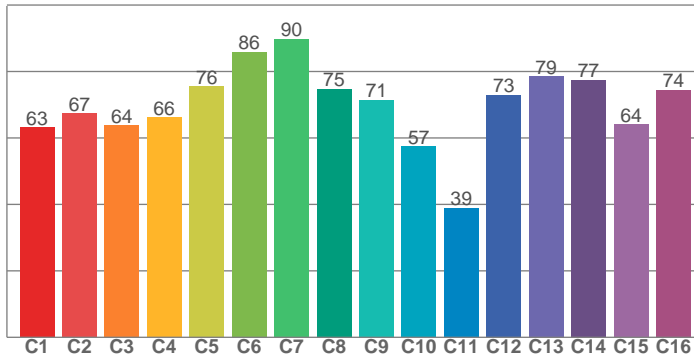
Power



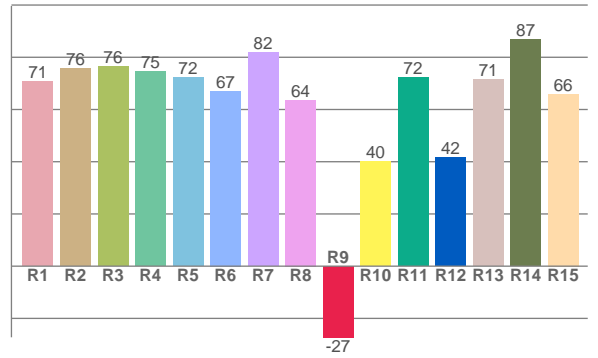
Color Details



TM30: 69.9



CRI: 72.8 (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
70.8	75.6	76.5	74.5	72.4	67.0	81.9	63.6	-27.2	40.2	72.3	41.6	71.4	86.9	65.9

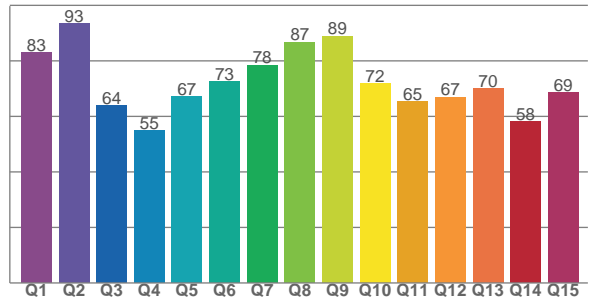
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
63.1	67.3	63.8	66.2	75.6	85.9	89.8	74.8	71.4	57.5	39.0	73.0	78.6	77.4	64.1	74.5

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
82.9	93.3	63.9	54.8	67.0	72.5	78.5	86.8	88.8	71.7	65.2	66.9	69.9	58.0	68.5

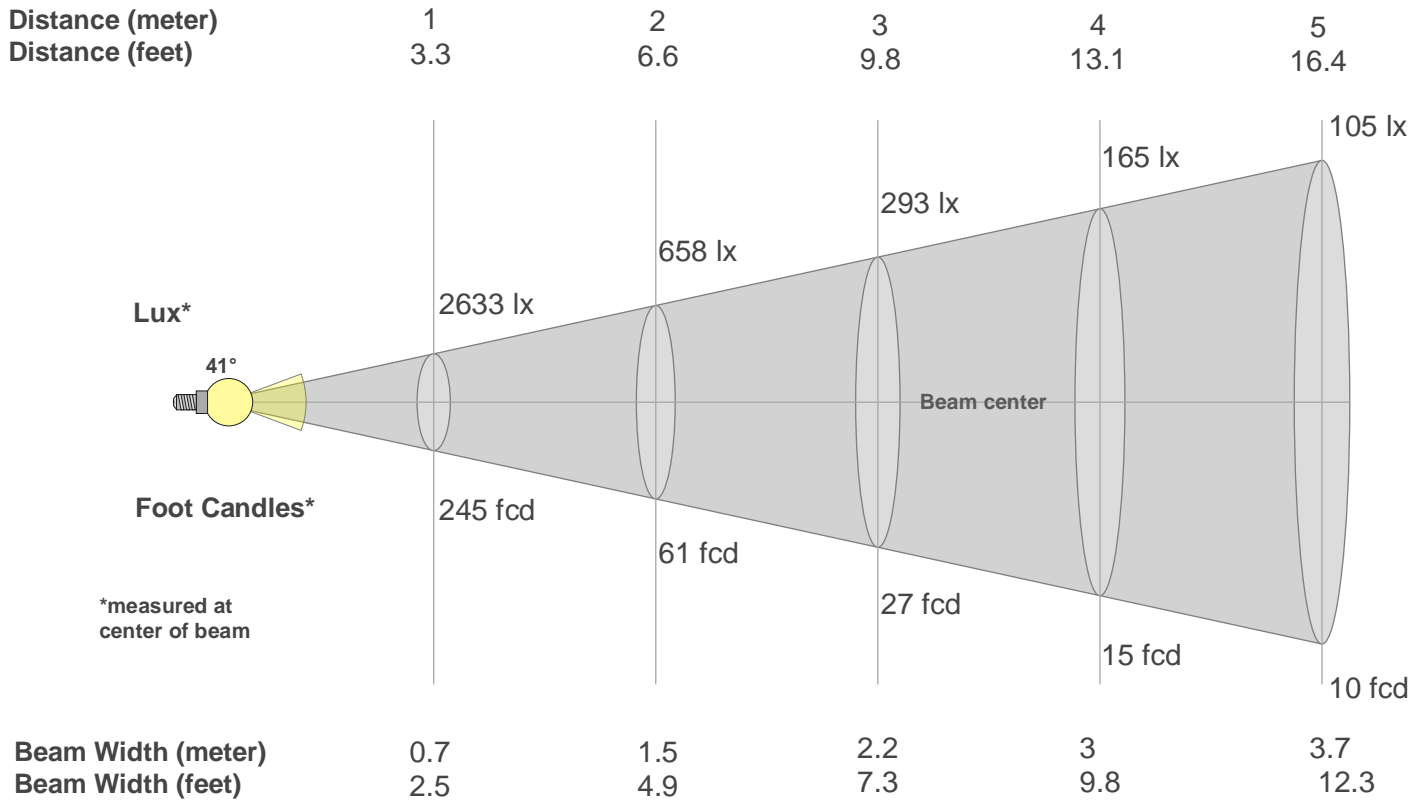
CQS: 70.5



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
7937 K	72.8	-27.2	69.9	92.3	70.5	0.294	0.310	0.192	0.303	0.0001

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	2633	658	293	165	105	73	54	41	33	26	22	18	16	13	12	10	9	8	7	7
fcd	244.6	61.2	27.2	15.3	9.8	6.8	5	3.8	3	2.4	2	1.7	1.4	1.2	1.1	1	0.8	0.8	0.7	0.6

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°
2633	2629	2575	2490	2374	2228	2065	1895	1711	1530	1359	1191	1035	893	762	645	547	455	374	304
100%	100%	98%	95%	90%	85%	78%	72%	65%	58%	52%	45%	39%	34%	29%	24%	21%	17%	14%	12%

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°
2633	2629	2575	2490	2374	2228	2065	1895	1711	1530	1359	1191	1035	893	762	645	547	455	374	304
100%	100%	98%	95%	90%	85%	78%	72%	65%	58%	52%	45%	39%	34%	29%	24%	21%	17%	14%	12%

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°
2633	2615	2563	2472	2355	2219	2052	1881	1708	1531	1358	1195	1036	891	759	638	531	436	351	279
100%	99%	97%	94%	89%	84%	78%	71%	65%	58%	52%	45%	39%	34%	29%	24%	20%	17%	13%	11%

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°
2633	2615	2563	2472	2355	2219	2052	1881	1708	1531	1358	1195	1036	891	759	638	531	436	351	279
100%	99%	97%	94%	89%	84%	78%	71%	65%	58%	52%	45%	39%	34%	29%	24%	20%	17%	13%	11%

Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
41°	77.7°	94.5°	99.9%	97.8%