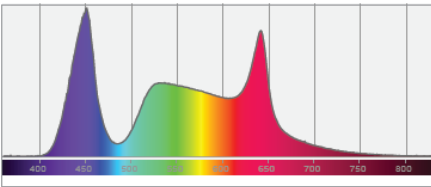
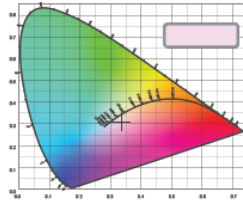


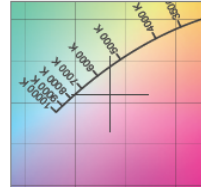
Spectral distribution



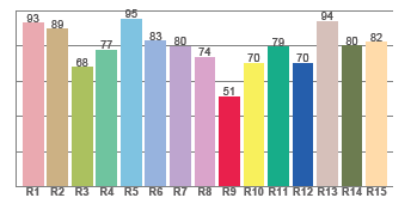
Color coordinates



Zoom color point



CRI R values



# Photometric Test Report

\*Due to additional product enhancements, an updated version of this report may be available online. Please check [www.adj.com](http://www.adj.com) for the latest revision/update of this report.

# Encore Profile Pro WW



Light Efficiency:

35 Lumen/Watt

Light Quality:

CRI: 95.7

Color Temperature:

3124 K

Output: 8856 lm

Peak: 122129 cd

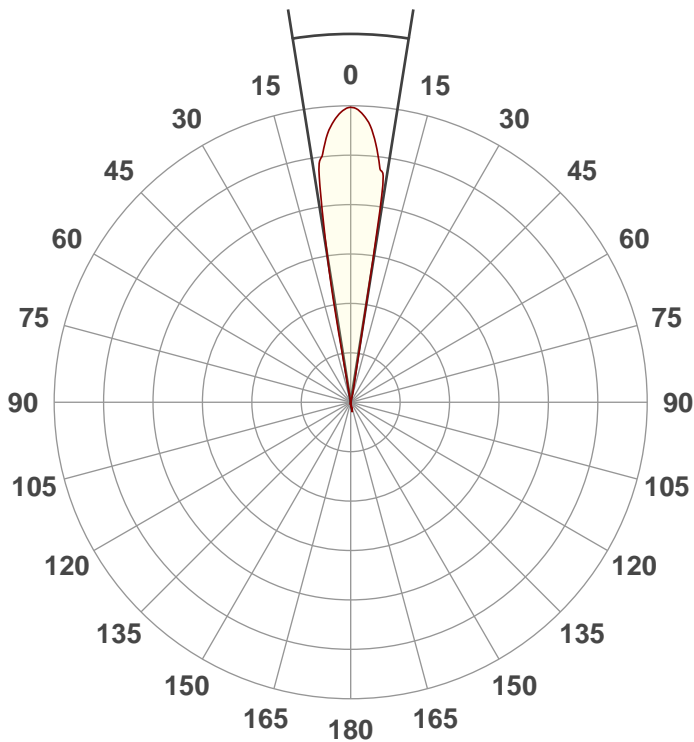
Power: 253.7 W

PF: 0.99



Beam Angle

18.1°



Test:

Full On 19Deg

Date:

11/18/2019

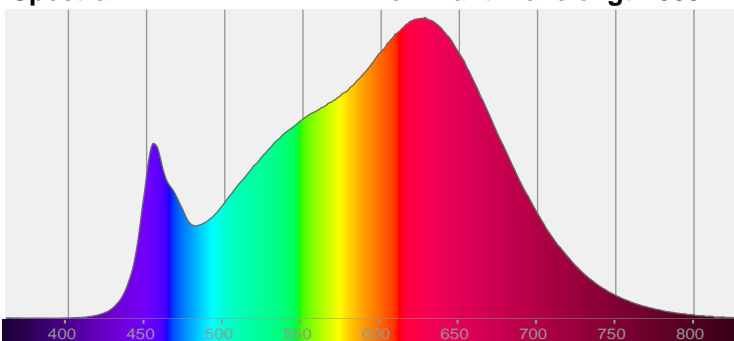
Note:



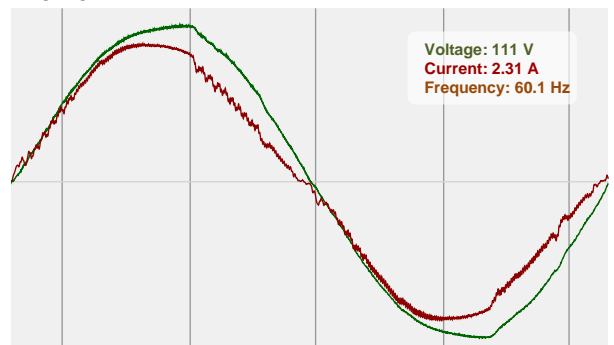
CIE 1931  
x: 0.427  
y: 0.399

Spectra

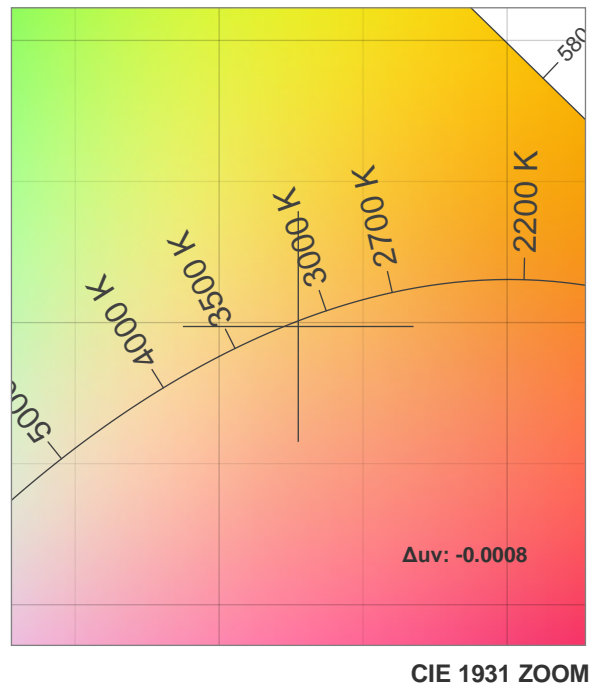
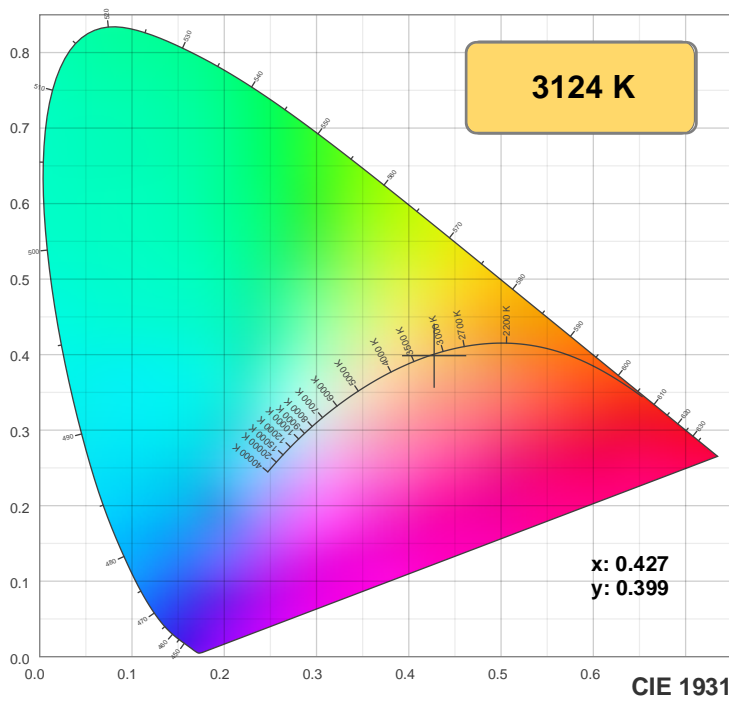
Dominant Wavelength: 583nm



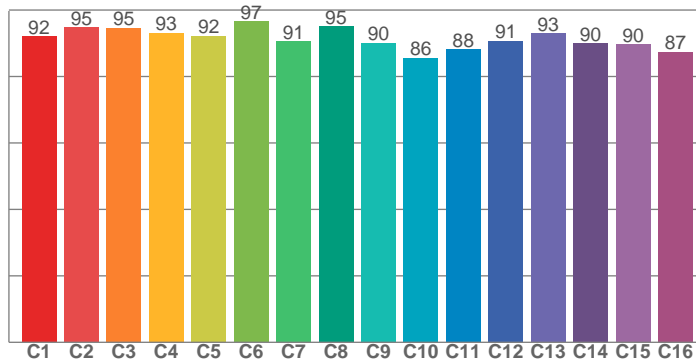
Power



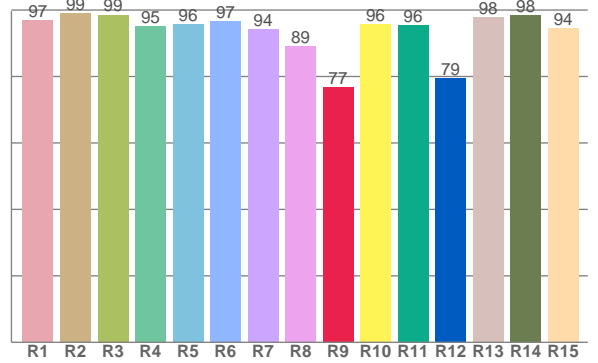
## Color Details



TM30: 91.5



CRI: 95.7 (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
96.9	99.1	98.6	95.0	95.6	96.7	94.1	89.2	76.6	95.6	95.5	79.4	97.9	98.4	94.4

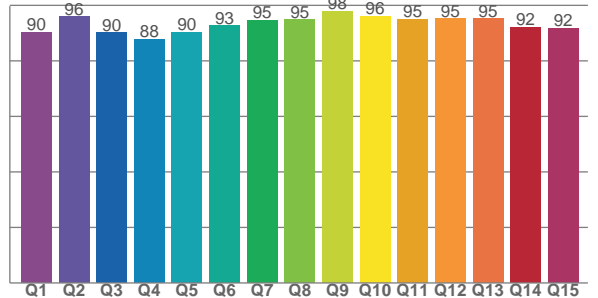
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92.1	94.7	94.7	93.1	92.2	96.6	90.6	95.0	90.1	85.6	88.1	90.7	92.9	89.9	89.7	87.4

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
90.3	95.9	90.1	87.9	90.3	92.6	94.6	94.8	98.0	96.0	95.1	95.2	95.2	92.1	91.7

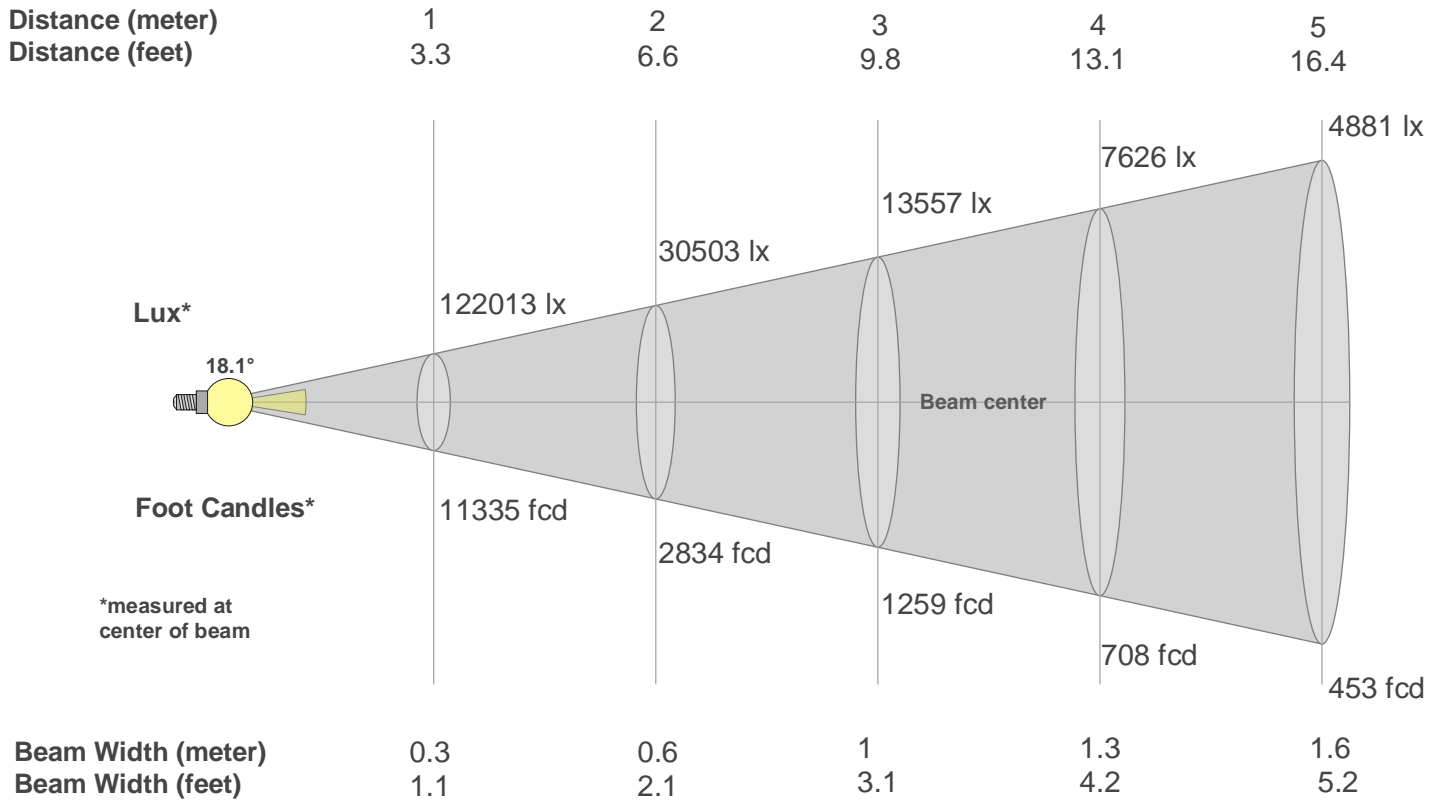
CQS: 92.6



## 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
3124 K	95.7	76.6	91.5	98.4	92.6	0.427	0.399	0.247	0.345	-0.0008

## 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	122013	30503	13557	7626	4881	3389	2490	1906	1506	1220	1008	847	722	623	542	477	422	377	338	305
fcd	11335.4	2833.8	1259.5	708.5	453.4	314.9	231.3	177.1	139.9	113.4	93.7	78.7	67.1	57.8	50.4	44.3	39.2	35	31.4	28.3

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°
122K	121K	120K	118K	115K	111K	106K	100K	92K	63K	31K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	100%	98%	97%	94%	91%	87%	82%	76%	52%	26%	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°
122K	121K	120K	118K	115K	111K	106K	100K	92K	63K	31K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	100%	98%	97%	94%	91%	87%	82%	76%	52%	26%	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°
122K	122K	120K	118K	115K	110K	105K	98K	91K	64K	15K	5K	0K	0K	0K	0K	0K	0K	0K	0K
100%	100%	98%	97%	94%	90%	86%	81%	74%	53%	12%	4%	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°
122K	122K	120K	118K	115K	110K	105K	98K	91K	64K	15K	5K	0K	0K	0K	0K	0K	0K	0K	0K
100%	100%	98%	97%	94%	90%	86%	81%	74%	53%	12%	4%	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
18.1°	20.6°	22°	100.0%	100.0%