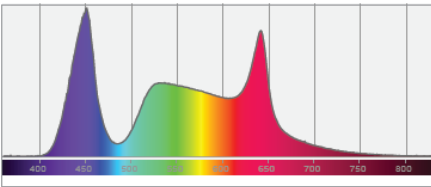
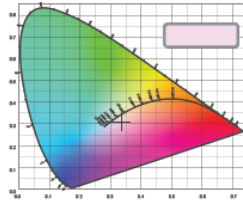


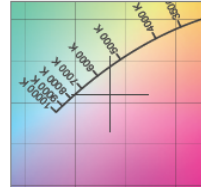
Spectral distribution



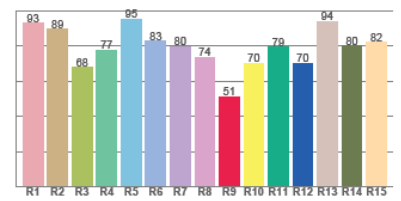
Color coordinates



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 for the latest revision/update of this report.

Encore Profile Pro

Color



Light Efficiency:



Light Quality:



Color Temperature:



Output: 4686 lm

Peak: 10829 cd

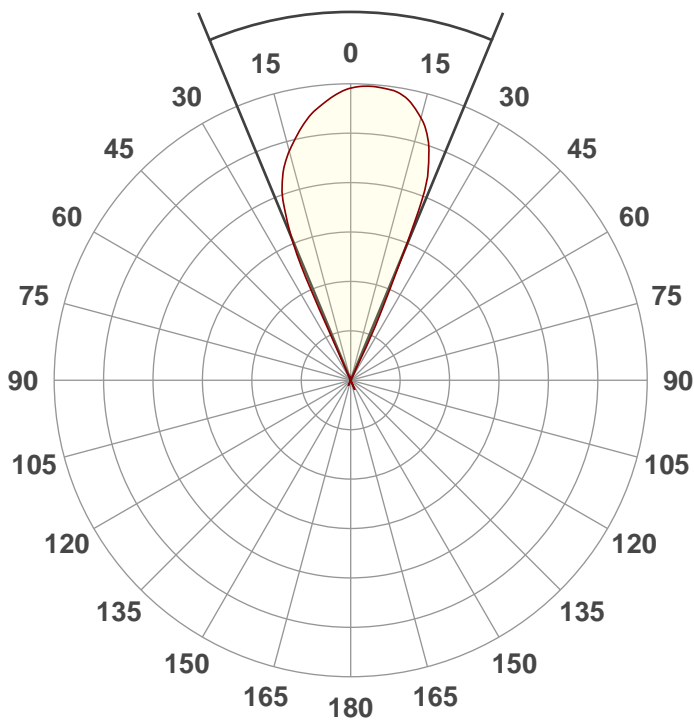
Power: 288.6 W

PF: 0.99



Beam Angle

45°



Test:

Full On 50Deg

Date:

11/18/2019

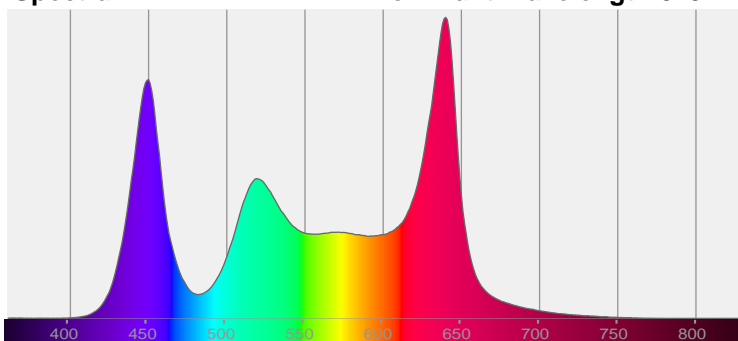
Note:



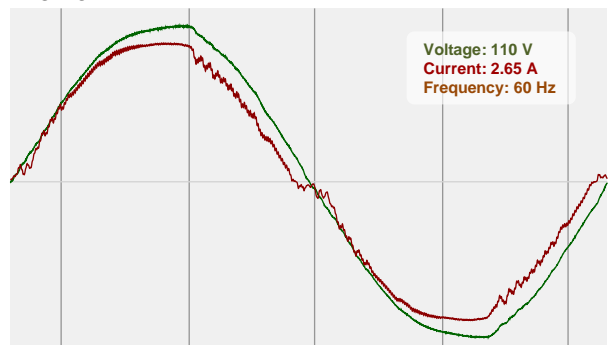
CIE 1931
x: 0.349
y: 0.318

Spectra

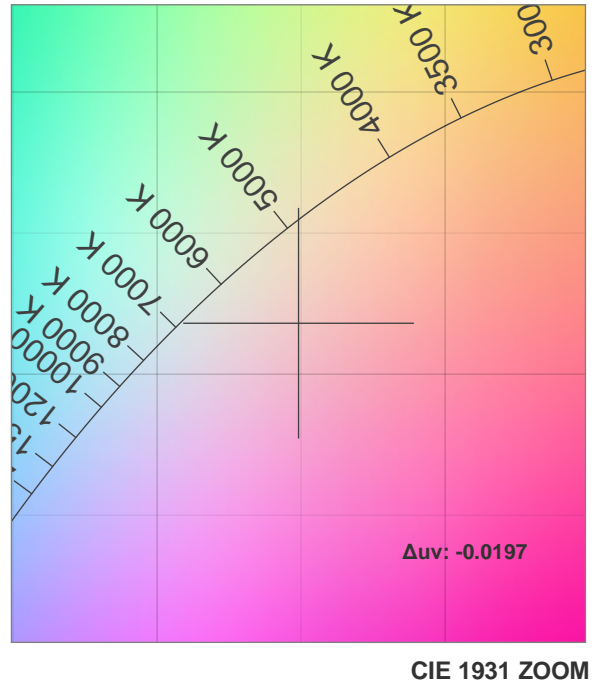
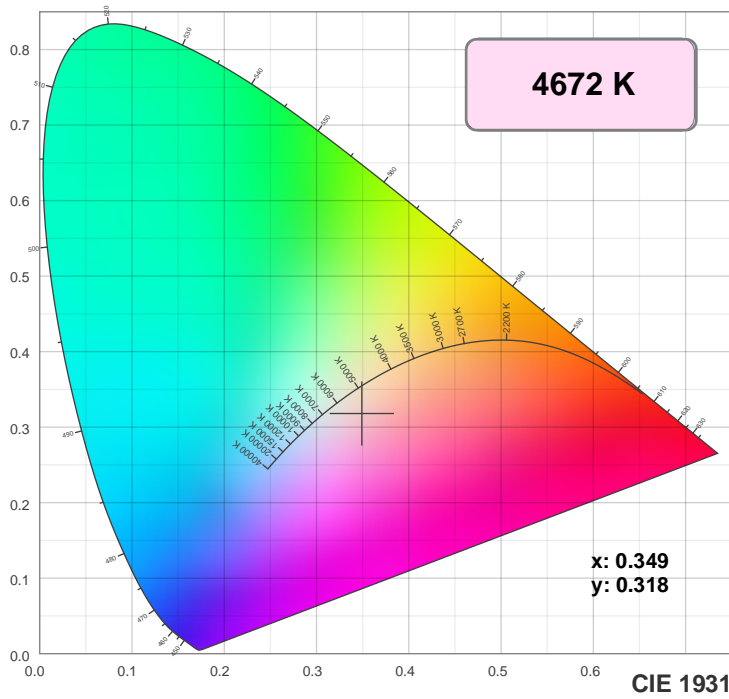
Dominant Wavelength: 829nm



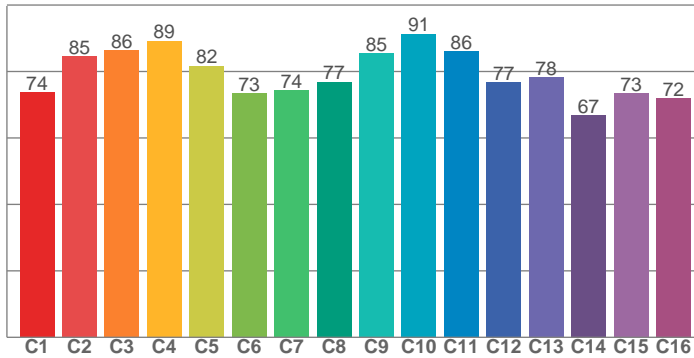
Power



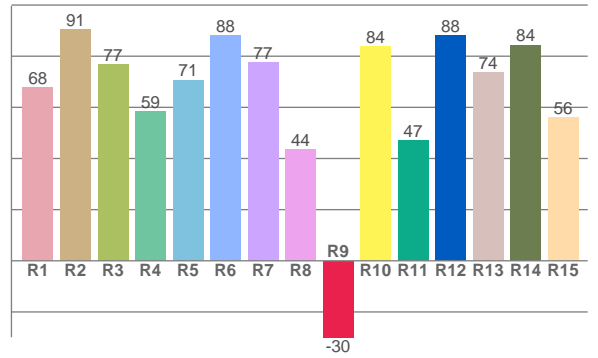
Color Details



TM30: 80.7



CRI: 71.7 (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
67.8	90.6	76.9	58.5	70.8	88.1	77.5	43.5	-29.9	83.8	47.1	88.2	73.6	84.5	56.2

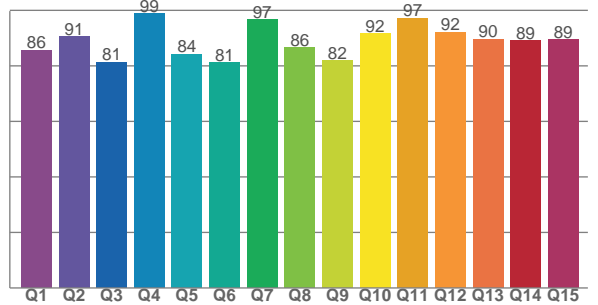
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
73.7	84.5	86.4	89.2	81.6	73.5	74.2	76.9	85.4	91.3	86.1	76.7	78.2	66.9	73.4	71.9

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
85.7	90.6	81.3	98.9	84.2	81.2	96.7	86.5	81.8	91.5	97.2	92.1	89.7	89.1	89.4

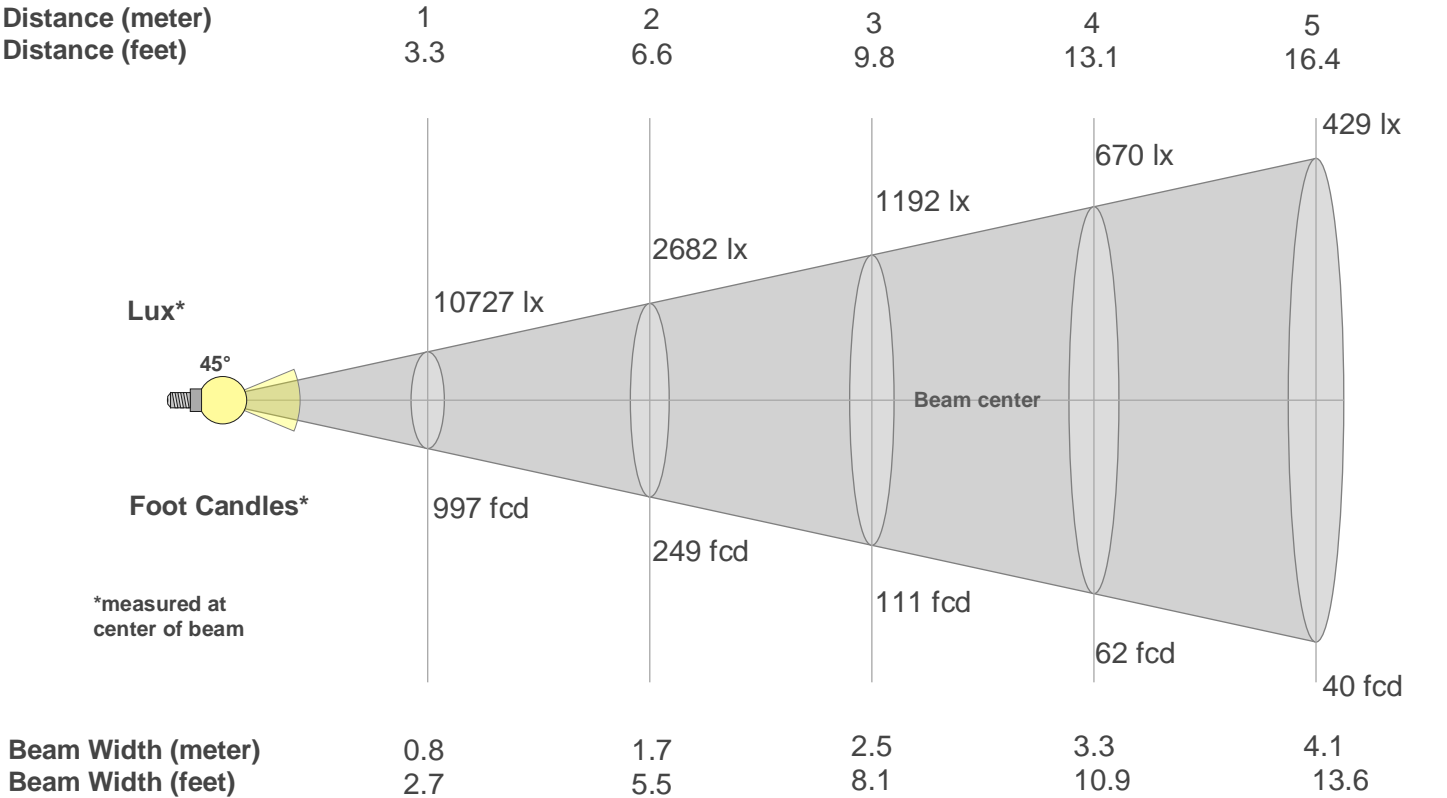
CQS: 87.7



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
4672 K	71.7	-29.9	80.7	120.2	87.7	0.349	0.318	0.228	0.312	-0.0197

Beam Details



Lux*

45°

Beam center

10727 lx

2682 lx

1192 lx

670 lx

429 lx

Foot Candles*

997 fcd

249 fcd

111 fcd

62 fcd

40 fcd

*measured at
center of beam

Beam Width (meter)

Beam Width (feet)

0.8

2.7

1.7

5.5

2.5

8.1

3.3

10.9

4.1

13.6

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	10727	2682	1192	670	429	298	219	168	132	107	89	74	63	55	48	42	37	33	30	27
fcd	996.5	249.1	110.7	62.3	39.9	27.7	20.3	15.6	12.3	10	8.2	6.9	5.9	5.1	4.4	3.9	3.4	3.1	2.8	2.5

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°	
10.7K	10.6K	10.4K	10.2K	9.9K	9.6K	9.3K	8.9K	8.5K	8.0K	7.3K	5.9K	3.5K	0.0K	0.0K	0.0K	0.0K	0.0K	0.0K	0.0K	0.0K
100%	99%	97%	95%	93%	90%	87%	83%	79%	75%	68%	55%	33%	0%	0%	0%	0%	0%	0%	0%	0%

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°	
10.7K	10.6K	10.4K	10.2K	9.9K	9.6K	9.3K	8.9K	8.5K	8.0K	7.3K	5.9K	3.5K	0.0K	0.0K	0.0K	0.0K	0.0K	0.0K	0.0K	0.0K
100%	99%	97%	95%	93%	90%	87%	83%	79%	75%	68%	55%	33%	0%	0%	0%	0%	0%	0%	0%	0%

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°	
10.7K	10.8K	10.8K	10.8K	10.8K	10.7K	10.5K	10.1K	9.8K	9.2K	8.2K	6.3K	2.7K	0.6K	0.0K	0.0K	0.0K	0.0K	0.0K	0.0K	0.0K
100%	101%	101%	101%	100%	99%	98%	95%	91%	85%	76%	59%	26%	6%	0%	0%	0%	0%	0%	0%	0%

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°	
10.7K	10.8K	10.8K	10.8K	10.8K	10.7K	10.5K	10.1K	9.8K	9.2K	8.2K	6.3K	2.7K	0.6K	0.0K	0.0K	0.0K	0.0K	0.0K	0.0K	0.0K
100%	101%	101%	101%	100%	99%	98%	95%	91%	85%	76%	59%	26%	6%	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
45°	50.8°	52.1°	99.9%	99.9%