

Encore LP 7IP



Light Efficiency:

40 Lumen/Watt

Light Quality:

CRI: 0.0

Color Temperature:

26214 K

Output: 4469 lm

Peak: 4962 cd

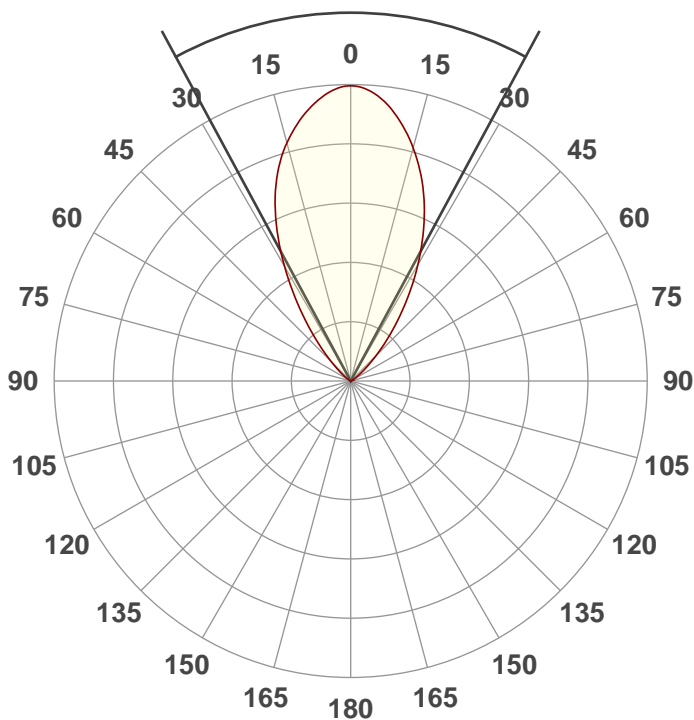
Power: 111.3 W

PF: 1.0



Beam Angle

56.7°



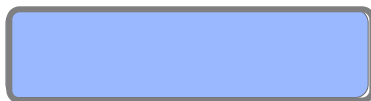
Test:

60x30 Full On

Date:

7/29/2021

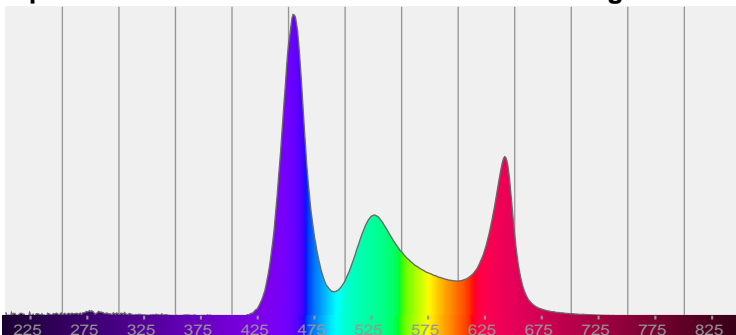
Note:



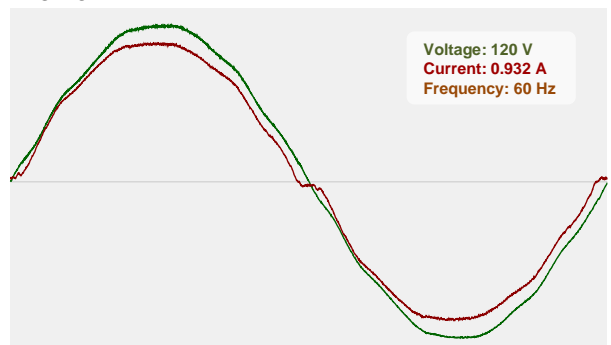
CIE 1931
x: 0.265
y: 0.239

Spectra

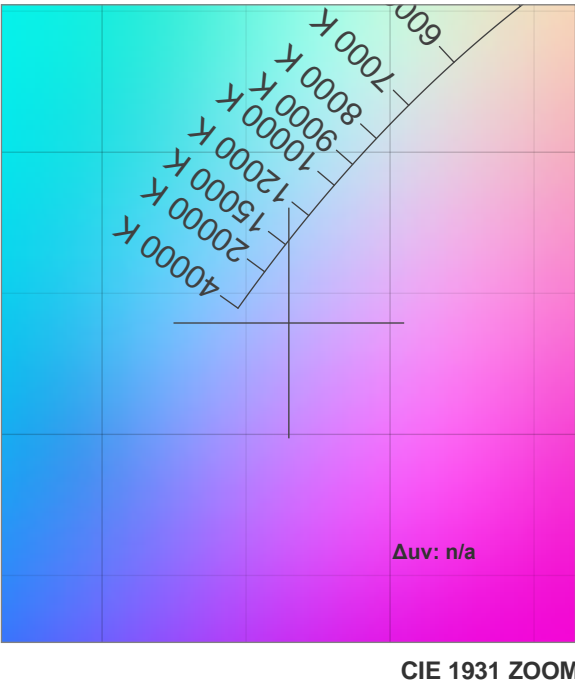
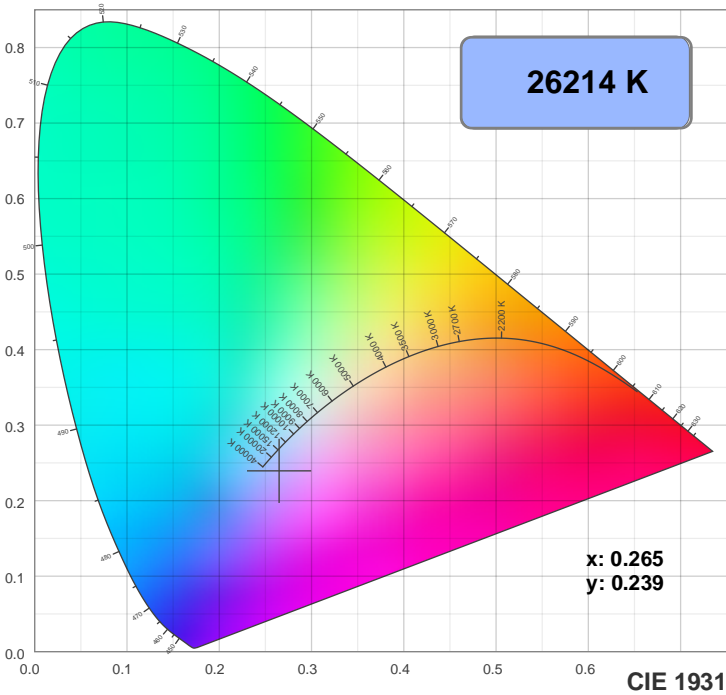
Dominant Wavelength: 456nm



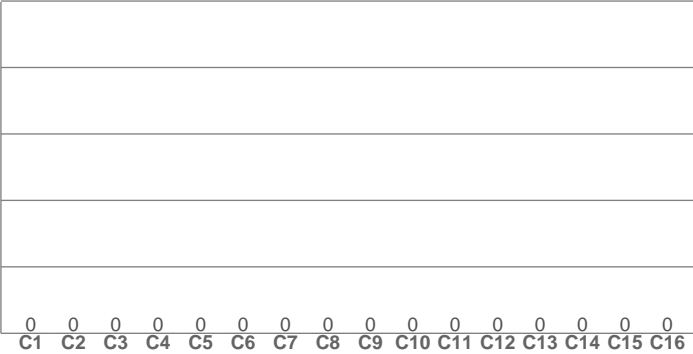
Power



Color Details



TM30: 0.0



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

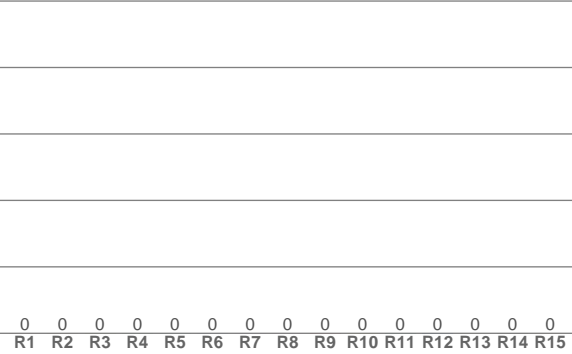
TM30 C values, 16 binned values out of total of 99 C values

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

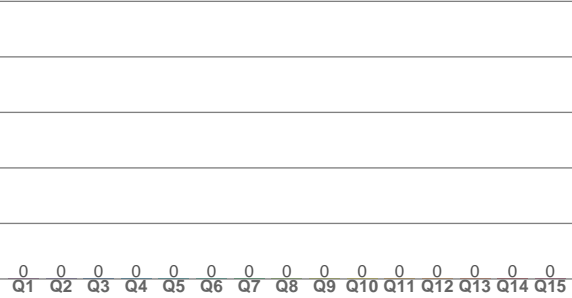
CQS Q values

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

CRI: 0.0 (R1-R8)



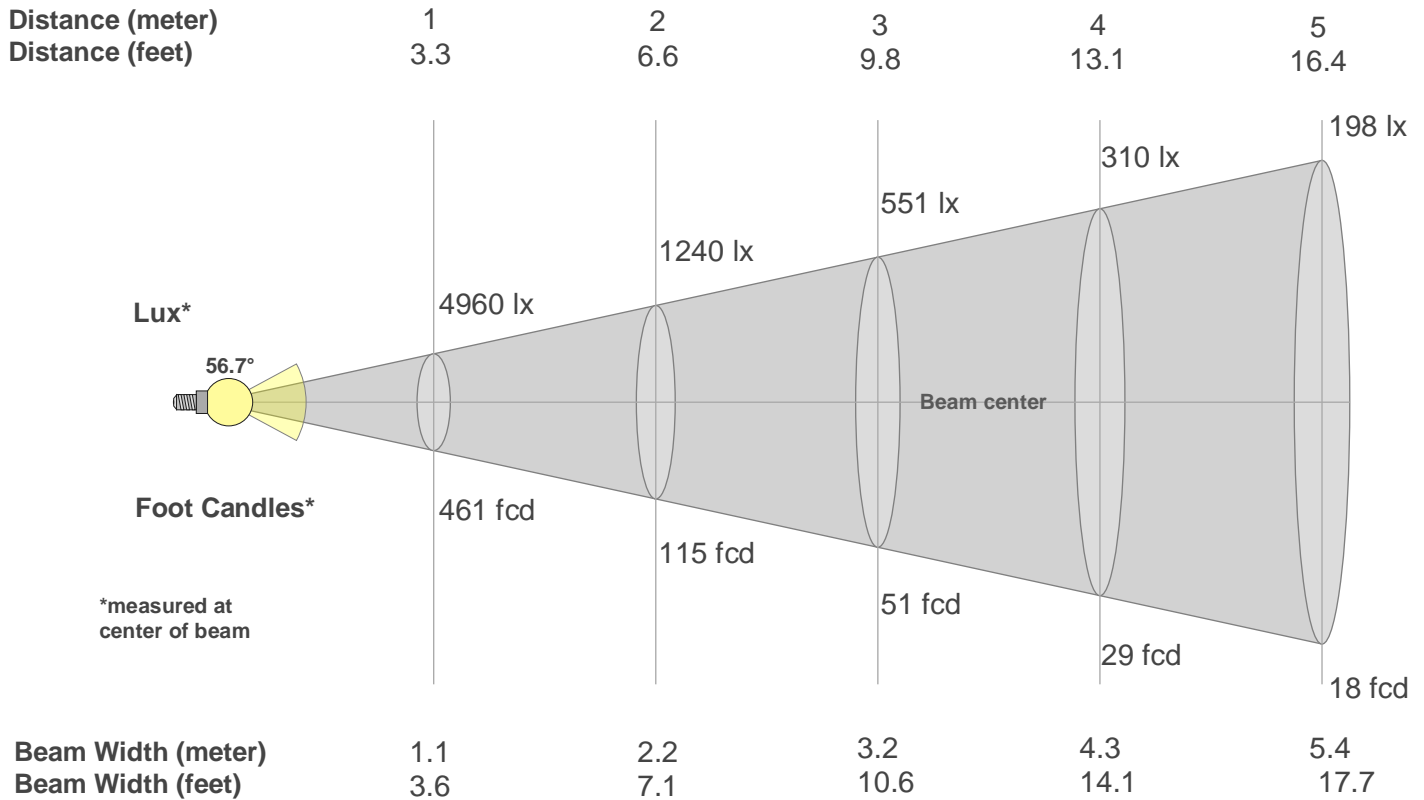
CQS: 0.0



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
26214 K	0.0	0.0	0.0	0.0	0.0	0.265	0.239	0.198	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	4960	1240	551	310	198	138	101	77	61	50	41	34	29	25	22	19	17	15	14	12
fcd	460.8	115.2	51.2	28.8	18.4	12.8	9.4	7.2	5.7	4.6	3.8	3.2	2.7	2.4	2	1.8	1.6	1.4	1.3	1.2

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°
4960	4943	4884	4788	4677	4548	4396	4234	4060	3855	3633	3389	3115	2829	2532	2229	1929	1641	1375	1126
100%	100%	98%	97%	94%	92%	89%	85%	82%	78%	73%	68%	63%	57%	51%	45%	39%	33%	28%	23%

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°
4960	4943	4884	4788	4677	4548	4396	4234	4060	3855	3633	3389	3115	2829	2532	2229	1929	1641	1375	1126
100%	100%	98%	97%	94%	92%	89%	85%	82%	78%	73%	68%	63%	57%	51%	45%	39%	33%	28%	23%

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°
4960	4946	4881	4784	4665	4510	4341	4161	3961	3751	3532	3294	3045	2789	2526	2265	2004	1746	1502	1269
100%	100%	98%	96%	94%	91%	88%	84%	80%	76%	71%	66%	61%	56%	51%	46%	40%	35%	30%	26%

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°
4960	4946	4881	4784	4665	4510	4341	4161	3961	3751	3532	3294	3045	2789	2526	2265	2004	1746	1502	1269
100%	100%	98%	96%	94%	91%	88%	84%	80%	76%	71%	66%	61%	56%	51%	46%	40%	35%	30%	26%

Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
56.7°	91.2°	109.1°	99.7%	93.8%