

# Encore LP 12IP



Light Efficiency:

25 Lumen/Watt

Light Quality:

CRI: 0.0

Color Temperature:

28543 K

Output: 4667 lm

Peak: 3282 cd

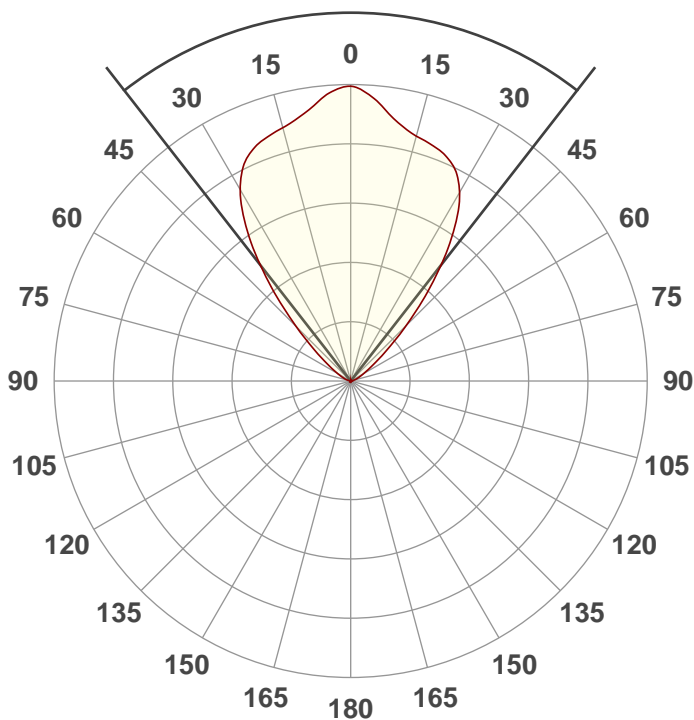
Power: 186.1 W

PF: 0.99



Beam Angle

75.8°



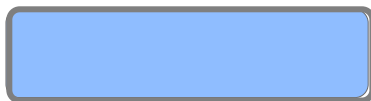
Test:

100Deg Full On

Date:

8/2/2021

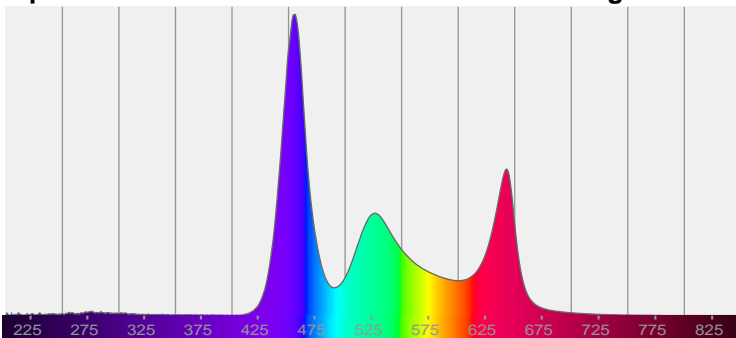
Note:



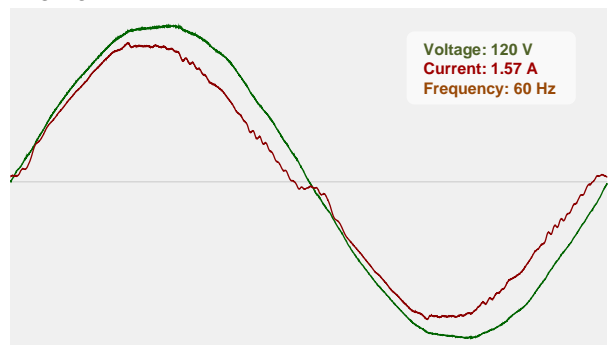
CIE 1931  
x: 0.260  
y: 0.241

Spectra

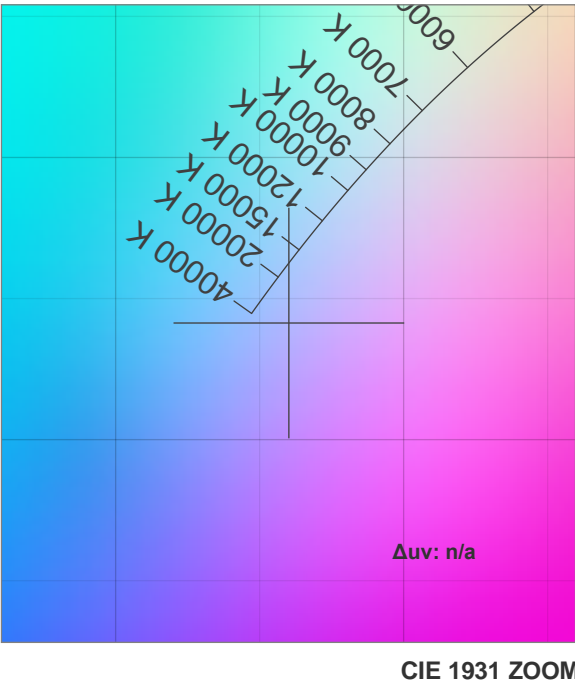
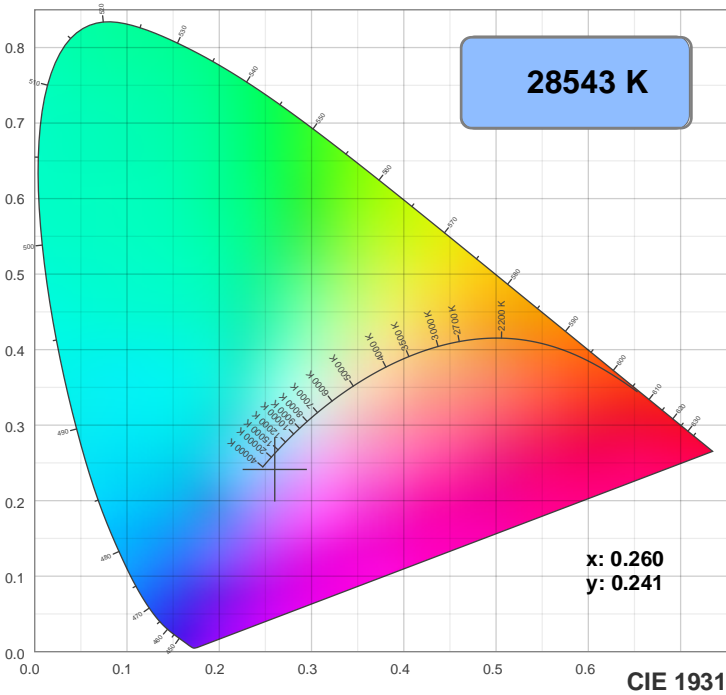
Dominant Wavelength: 464nm



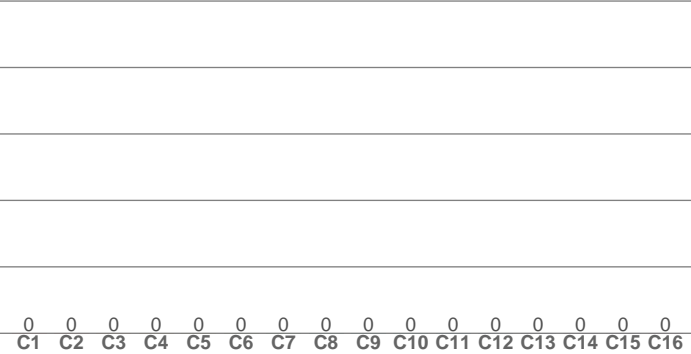
Power



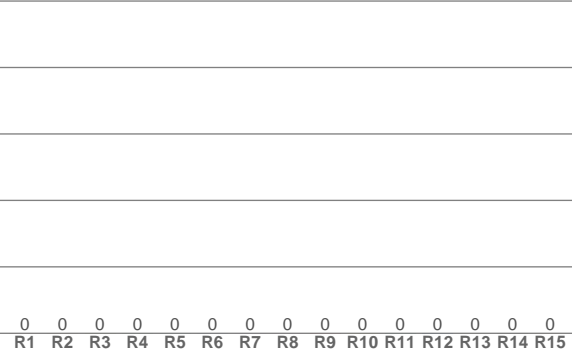
Color Details



TM30: 0.0



CRI: 0.0 (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
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

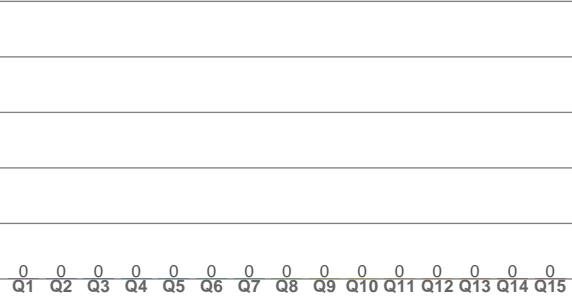
TM30 C values, 16 binned values out of total of 99 C values

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

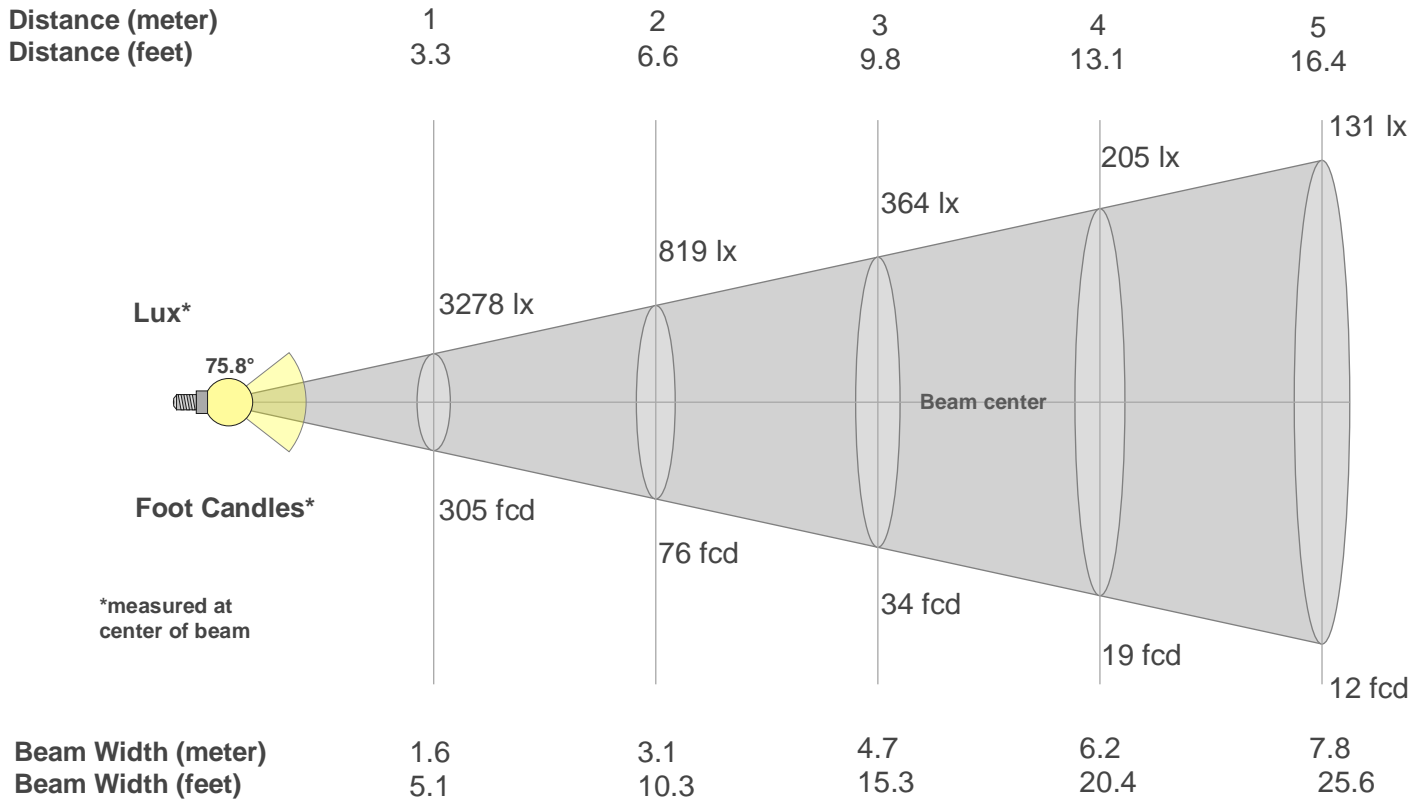
CQS: 0.0



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
28543 K	0.0	0.0	0.0	0.0	0.0	0.260	0.241	0.194	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	3278	819	364	205	131	91	67	51	40	33	27	23	19	17	15	13	11	10	9	8
fcd	304.5	76.1	33.8	19	12.2	8.5	6.2	4.8	3.8	3	2.5	2.1	1.8	1.6	1.4	1.2	1.1	0.9	0.8	0.8

Intensities in 0° C-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
3278	3190	3026	2924	2851	2723	2445	1976	1394	863	504	292	176	110	67	33	5	0	0	0
100%	97%	92%	89%	87%	83%	75%	60%	43%	26%	15%	9%	5%	3%	2%	1%	0%	0%	0%	0%

Intensities in 90° C-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
3278	3190	3026	2924	2851	2723	2445	1976	1394	863	504	292	176	110	67	33	5	0	0	0
100%	97%	92%	89%	87%	83%	75%	60%	43%	26%	15%	9%	5%	3%	2%	1%	0%	0%	0%	0%

Intensities in 180° C-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
3278	3145	2943	2828	2763	2654	2405	1960	1402	879	501	286	172	110	69	38	15	0	0	0
100%	96%	90%	86%	84%	81%	73%	60%	43%	27%	15%	9%	5%	3%	2%	1%	0%	0%	0%	0%

Intensities in 270° C-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
3278	3145	2943	2828	2763	2654	2405	1960	1402	879	501	286	172	110	69	38	15	0	0	0
100%	96%	90%	86%	84%	81%	73%	60%	43%	27%	15%	9%	5%	3%	2%	1%	0%	0%	0%	0%

Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
75.8°	107.4°	136.1°	96.7%	85.0%