

# Encore LP 7IP

Light Efficiency:

25 Lumen/Watt

Light Quality:

CRI: 0.0

Color Temperature:

29495 K

Output: 2740 lm

Peak: 2020 cd

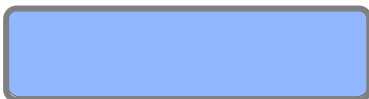
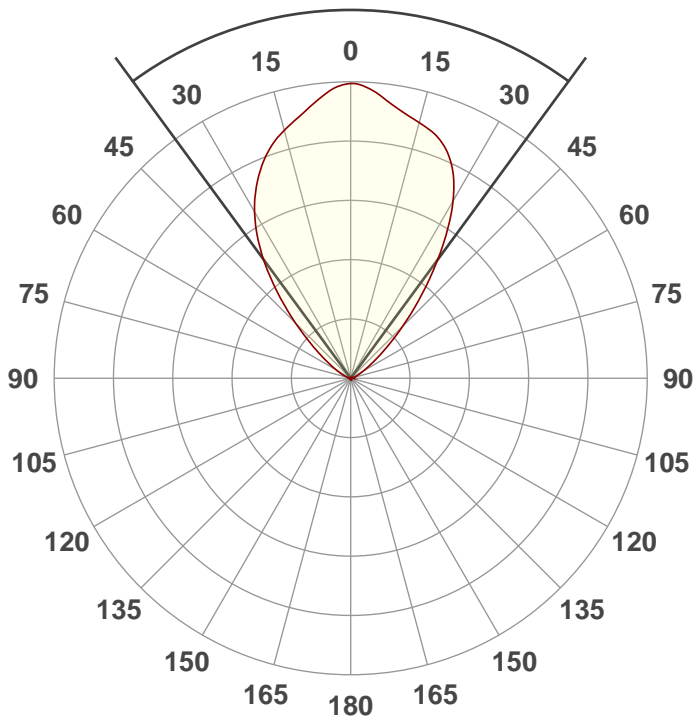
Power: 110 W

PF: 1.0



Beam Angle

72.5°



CIE 1931  
x: 0.261  
y: 0.240

Product Name:

Encore LP 7IP

Test:

100Deg Full On

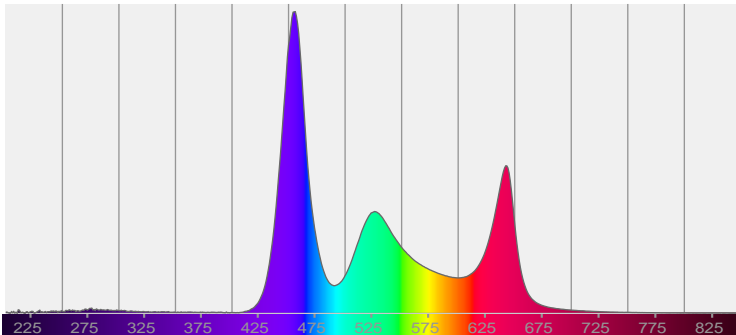
Date:

7/29/2021

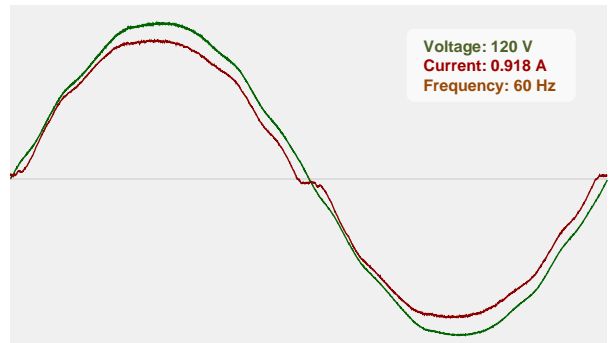
Note:

Spectra

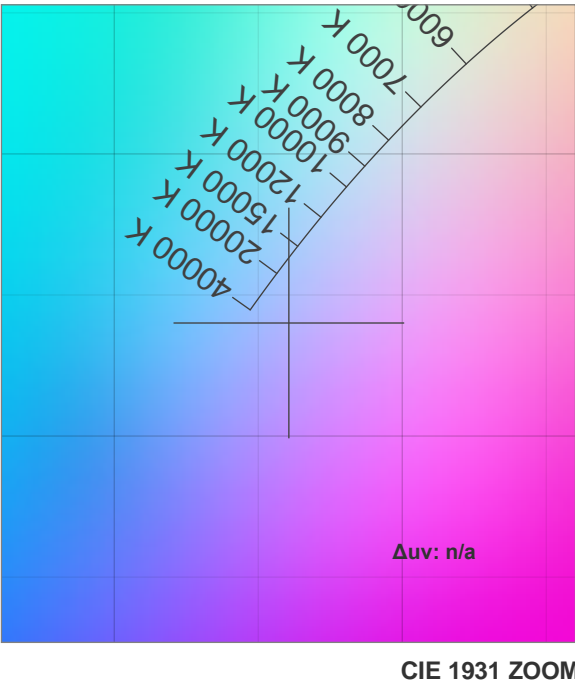
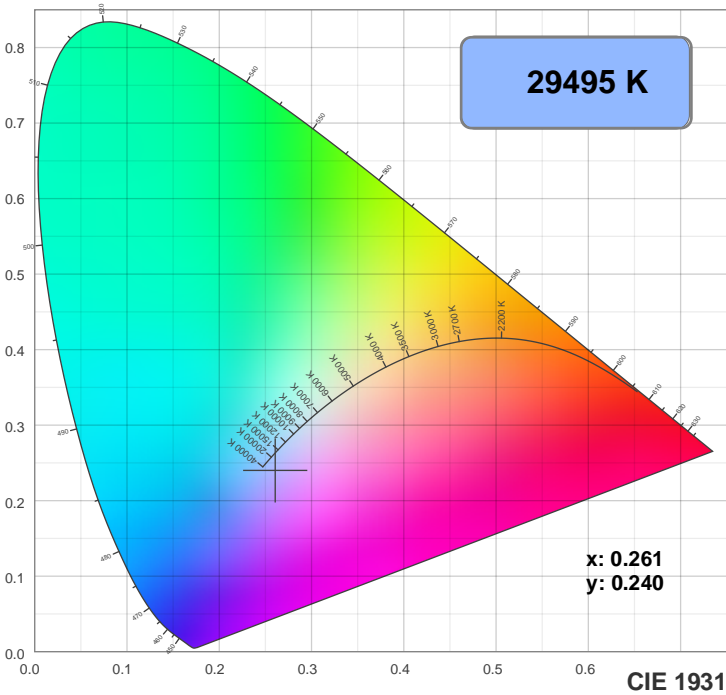
Dominant Wavelength: 462nm



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

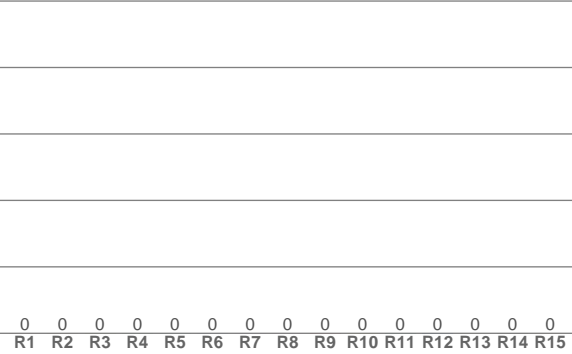
TM30 C values, 16 binned values out of total of 99 C values

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

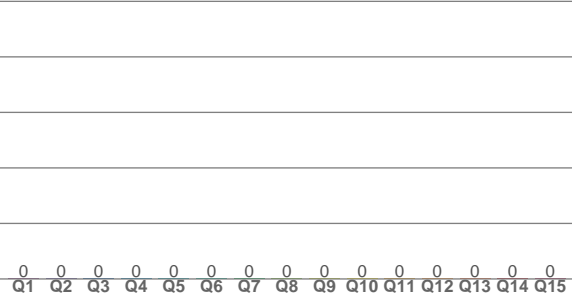
CQS Q values

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)



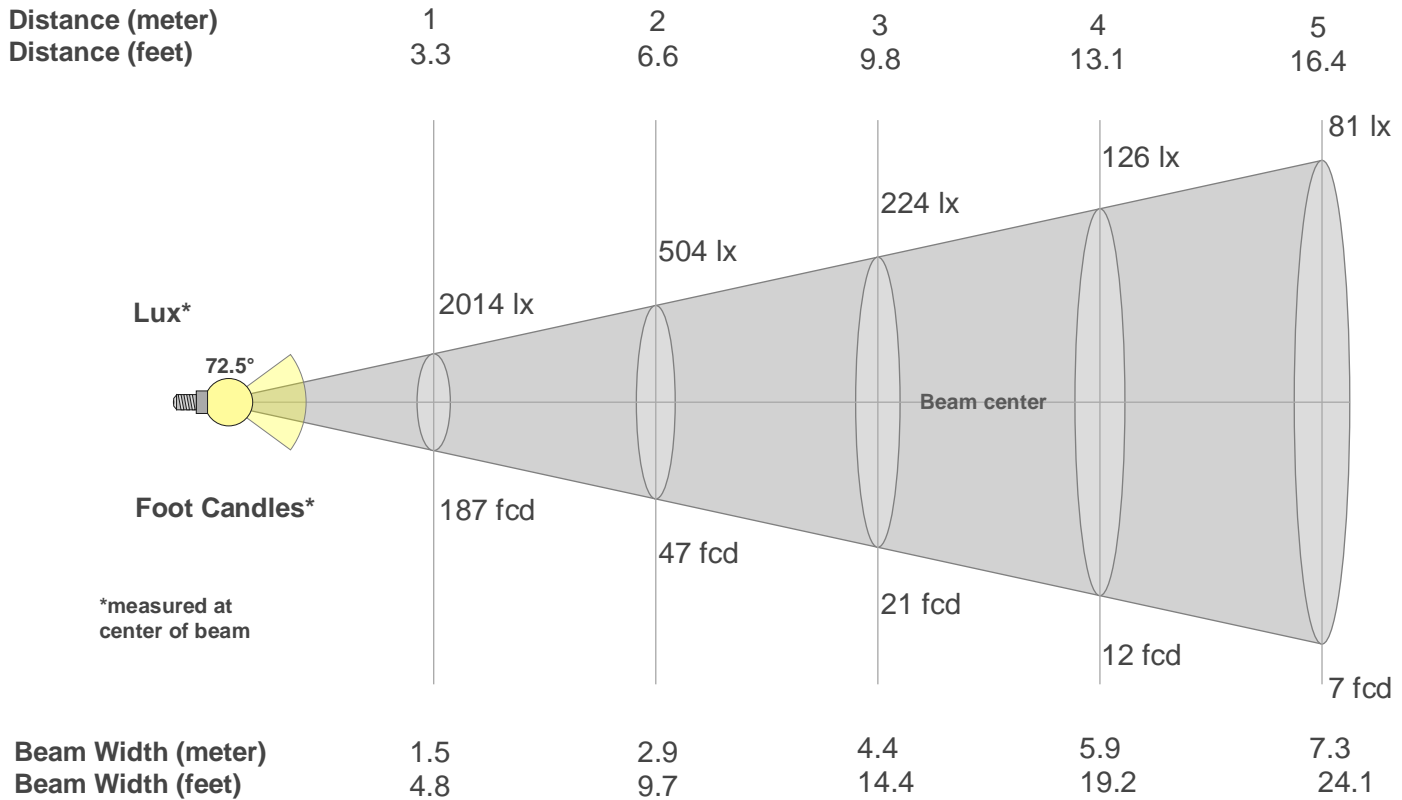
CQS: 0.0



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
29495 K	0.0	0.0	0.0	0.0	0.0	0.261	0.240	0.195	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	2014	504	224	126	81	56	41	31	25	20	17	14	12	10	9	8	7	6	6	5
fcd	187.1	46.8	20.8	11.7	7.5	5.2	3.8	2.9	2.3	1.9	1.5	1.3	1.1	1	0.8	0.7	0.6	0.6	0.5	0.5

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°
2014	1955	1850	1758	1651	1504	1315	1076	799	537	332	195	116	69	38	17	2	0	0	0
100%	97%	92%	87%	82%	75%	65%	53%	40%	27%	17%	10%	6%	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°
2014	1955	1850	1758	1651	1504	1315	1076	799	537	332	195	116	69	38	17	2	0	0	0
100%	97%	92%	87%	82%	75%	65%	53%	40%	27%	17%	10%	6%	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°
2014	1967	1877	1814	1752	1621	1398	1092	777	507	305	178	103	61	37	19	5	0	0	0
100%	98%	93%	90%	87%	80%	69%	54%	39%	25%	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°
2014	1967	1877	1814	1752	1621	1398	1092	777	507	305	178	103	61	37	19	5	0	0	0
100%	98%	93%	90%	87%	80%	69%	54%	39%	25%	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
72.5°	108.5°	134.8°	96.7%	84.4%