

# Encore LP 7IP



Light Efficiency:



Light Quality:



Color Temperature:



Output: 2233 lm

Peak: 564 cd

Power: 110.4 W

PF: 1.0



Beam Angle

127.3°

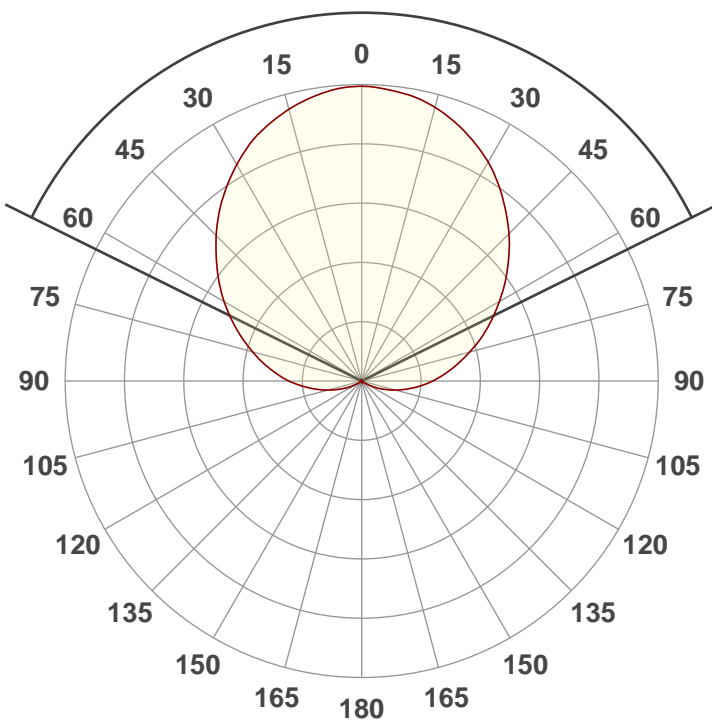
Test:

Dome Full On

Date:

7/29/2021

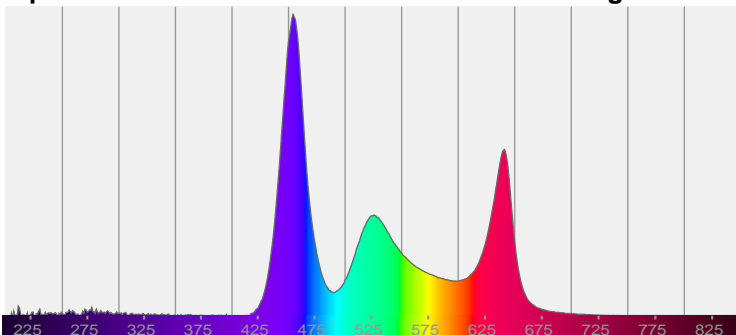
Note:



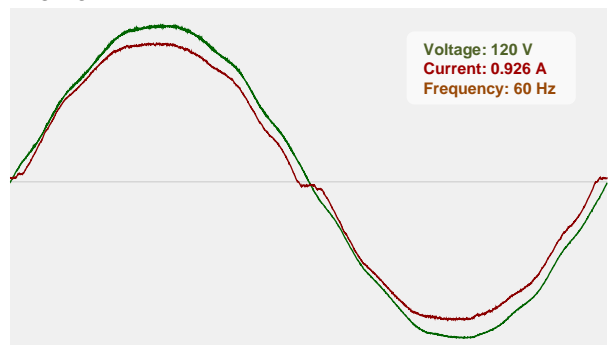
CIE 1931  
x: 0.267  
y: 0.240

Spectra

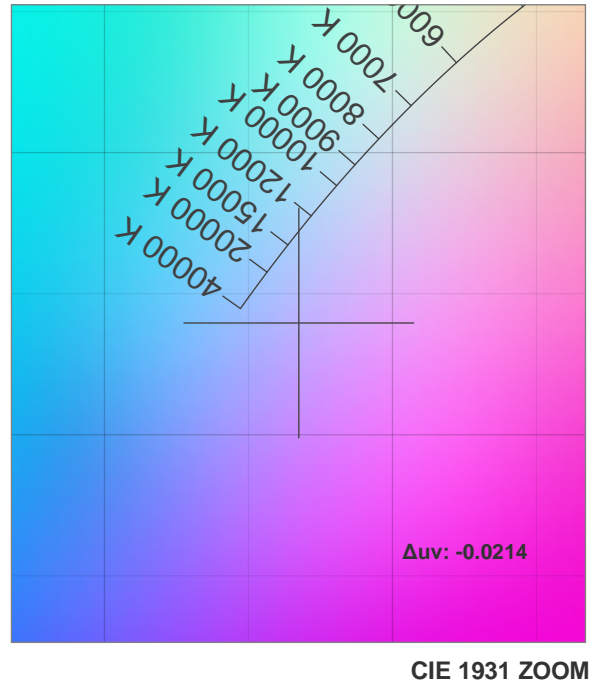
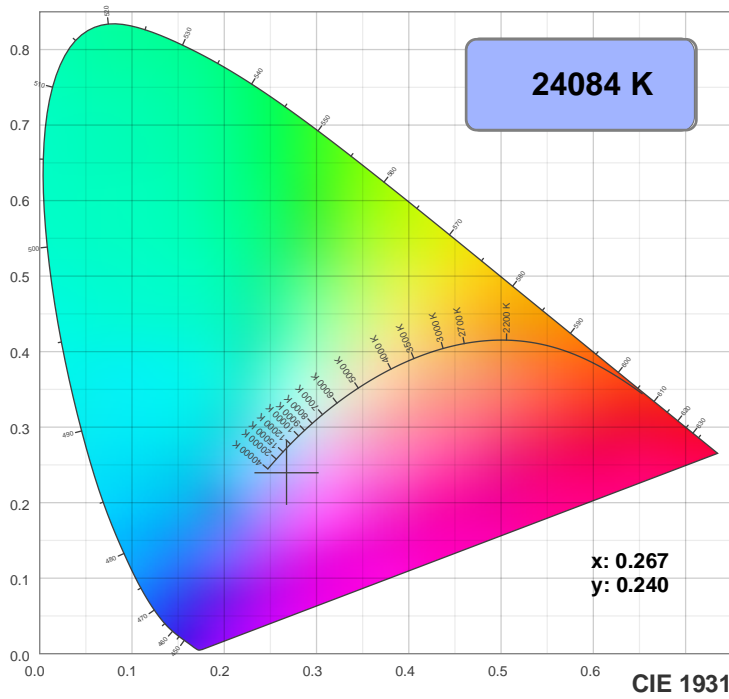
Dominant Wavelength: 451nm



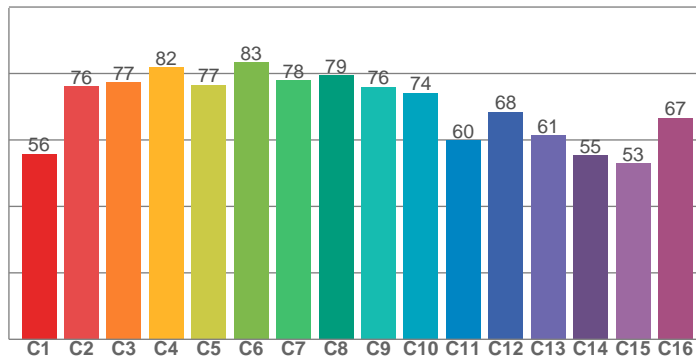
Power



## Color Details



**TM30: 72.4**



**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
59.0	87.3	59.5	61.6	72.0	85.3	76.1	29.8	-121.3	83.4	53.2	55.3	65.9	74.1	37.0

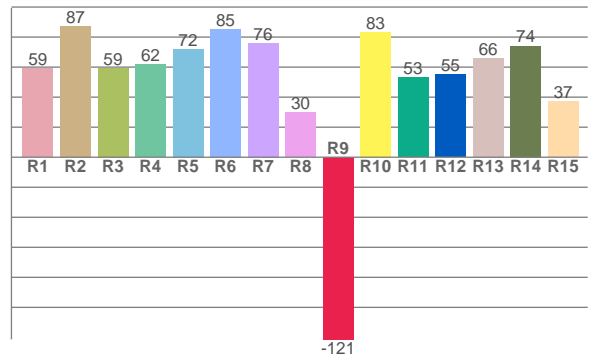
**TM30 C values, 16 binned values out of total of 99 C values**

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
55.8	76.1	77.4	81.9	76.6	83.3	77.9	79.4	75.9	74.2	59.8	68.5	61.4	55.3	52.9	66.6

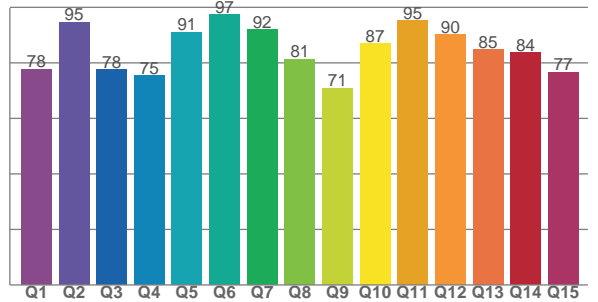
**CQS Q values**

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
77.7	94.6	77.6	75.4	91.0	97.3	91.9	81.4	70.9	86.9	95.2	90.2	84.7	83.7	76.6

**CRI: 66.3 (R1-R8)**



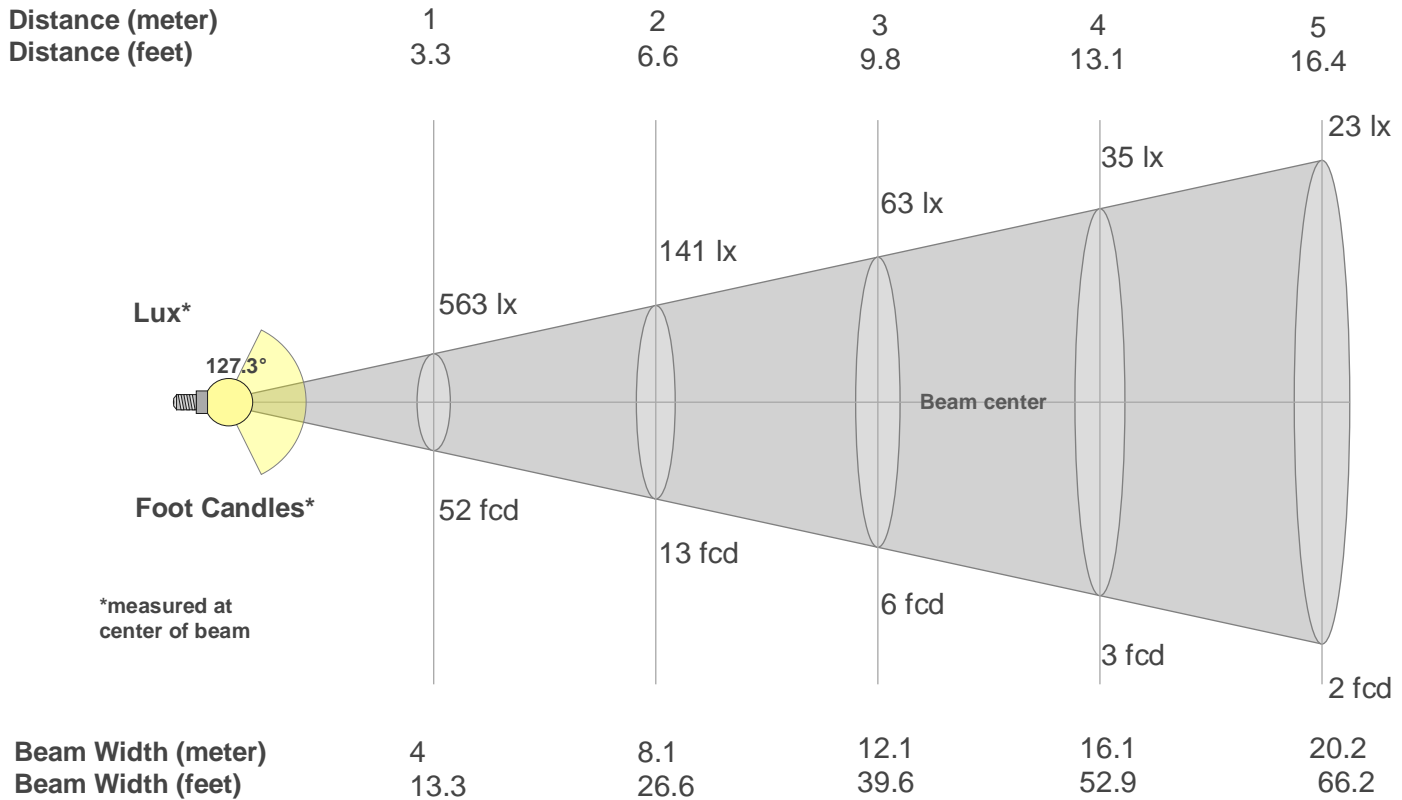
**CQS: 83.0**



## 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 Deviation from Black Body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	$\Delta uv$
24084 K	66.3	-121.3	72.4	115.1	83.0	0.267	0.240	0.200	0.269	-0.0214

## 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	563	141	63	35	23	16	11	9	7	6	5	4	3	3	3	2	2	2	2	1
fcd	52.3	13.1	5.8	3.3	2.1	1.5	1.1	0.8	0.6	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1

Intensities in 0° C-plane

0°	9°	18°	27°	36°	45°	54°	63°	72°	81°	90°	99°	108°	117°	126°	135°	144°	153°	162°	171°
563	553	528	493	446	394	339	286	233	184	139	94	54	23	3	0	0	0	0	0
100%	98%	94%	87%	79%	70%	60%	51%	41%	33%	25%	17%	10%	4%	0%	0%	0%	0%	0%	0%

Intensities in 90° C-plane

0°	9°	18°	27°	36°	45°	54°	63°	72°	81°	90°	99°	108°	117°	126°	135°	144°	153°	162°	171°
563	553	528	493	446	394	339	286	233	184	139	94	54	23	3	0	0	0	0	0
100%	98%	94%	87%	79%	70%	60%	51%	41%	33%	25%	17%	10%	4%	0%	0%	0%	0%	0%	0%

Intensities in 180° C-plane

0°	9°	18°	27°	36°	45°	54°	63°	72°	81°	90°	99°	108°	117°	126°	135°	144°	153°	162°	171°
563	555	532	497	451	398	342	286	232	181	136	93	55	23	1	0	0	0	0	0
100%	98%	94%	88%	80%	71%	61%	51%	41%	32%	24%	17%	10%	4%	0%	0%	0%	0%	0%	0%

Intensities in 270° C-plane

0°	9°	18°	27°	36°	45°	54°	63°	72°	81°	90°	99°	108°	117°	126°	135°	144°	153°	162°	171°
563	555	532	497	451	398	342	286	232	181	136	93	55	23	1	0	0	0	0	0
100%	98%	94%	88%	80%	71%	61%	51%	41%	32%	24%	17%	10%	4%	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
127.3°	215.2°	240.4°	59.5%	39.1%