

# Encore LP5 IP



Light Efficiency:

22 Lumen/Watt

Light Quality:

CRI: 61.0

Color Temperature:

16481 K

Output: 619 lm

Peak: 2404 cd

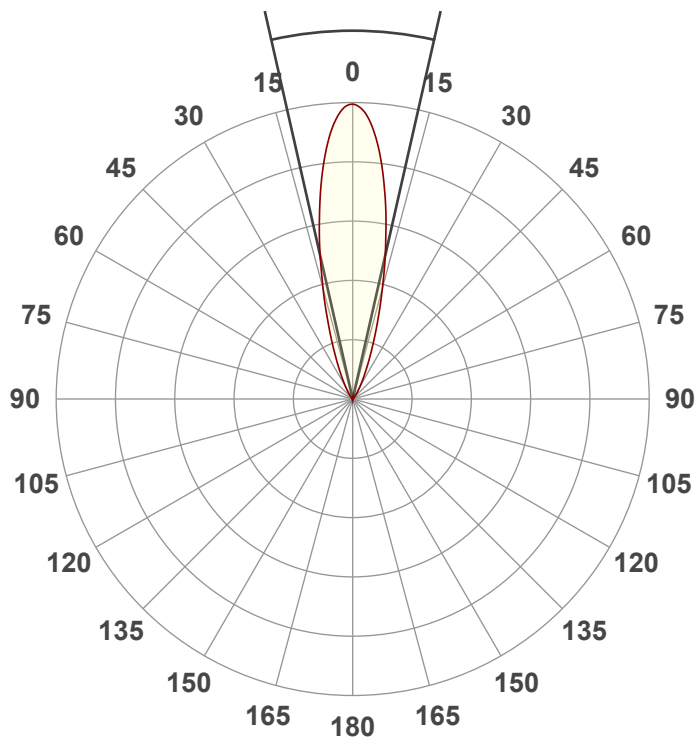
Power: 28.7 W

PF: 0.58



Beam Angle

25.5°



Test:

Full On

Date:

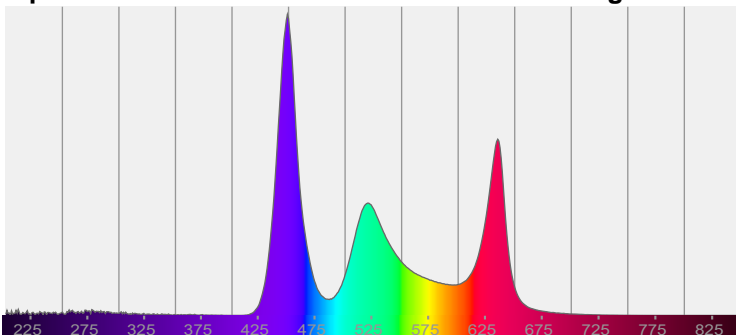
1/12/2022

Note:

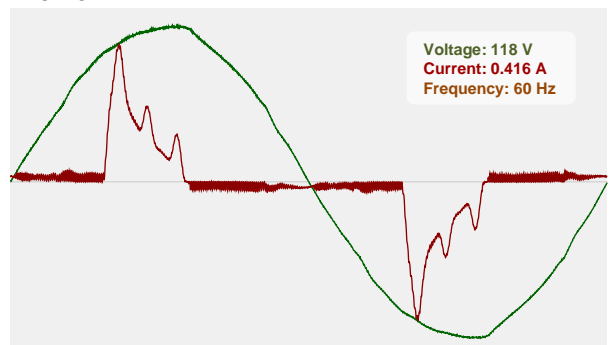
CIE 1931  
x: 0.274  
y: 0.249

Spectra

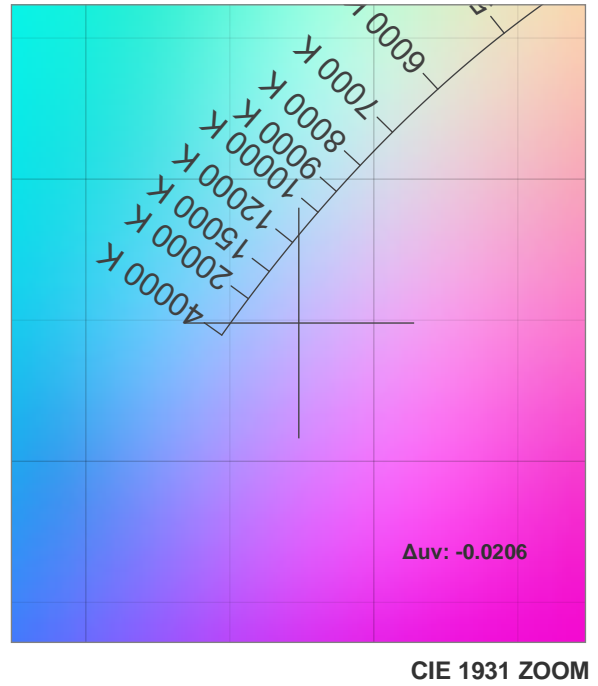
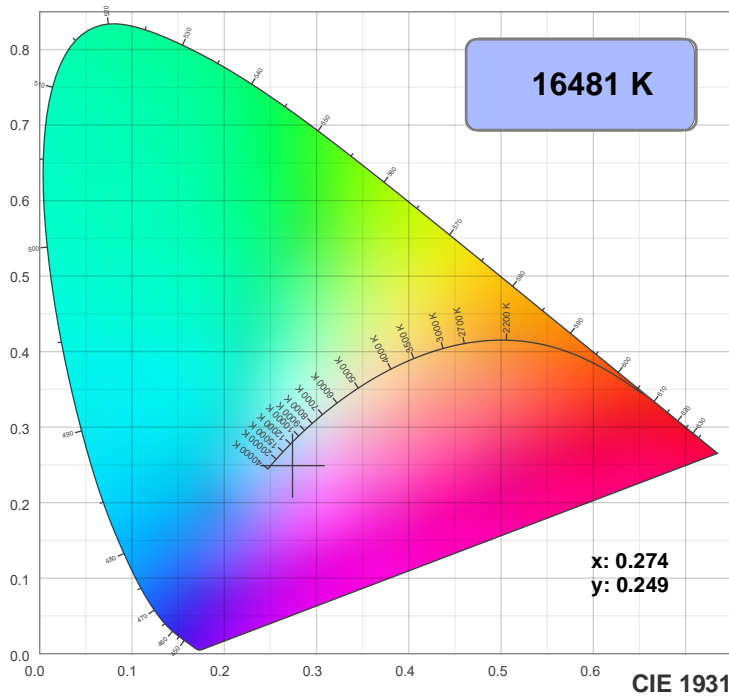
Dominant Wavelength: 446nm



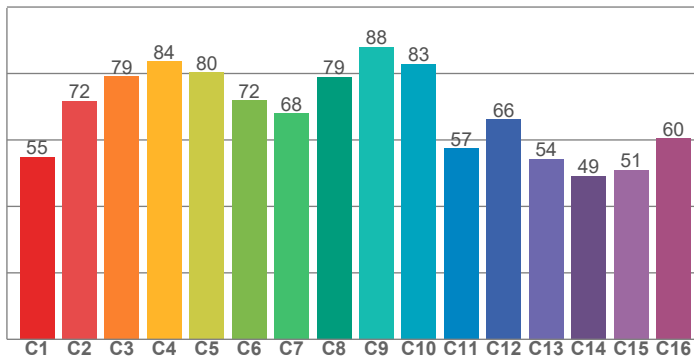
Power



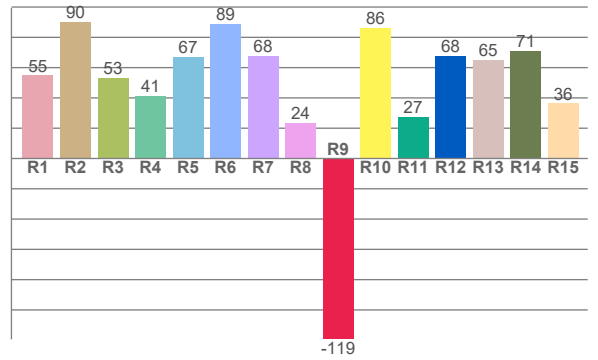
## Color Details



TM30: 71.4



CRI: 61.0 (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
55.1	90.2	53.4	41.5	67.1	89.0	68.0	23.6	-119.4	86.4	27.5	67.8	65.2	71.1	36.5

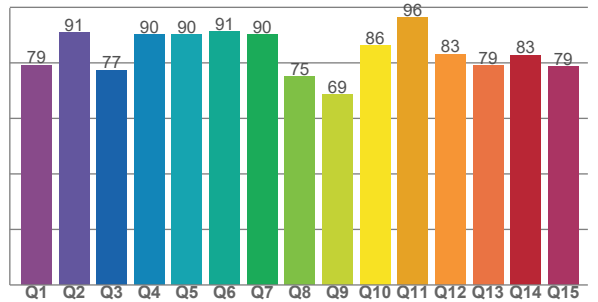
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
54.8	71.8	79.2	83.6	80.3	72.0	68.1	79.0	88.1	82.9	57.4	66.1	54.3	49.2	51.0	60.4

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
79.1	90.9	77.3	90.1	90.2	91.2	90.1	75.0	68.5	86.2	96.4	83.1	79.0	82.8	78.7

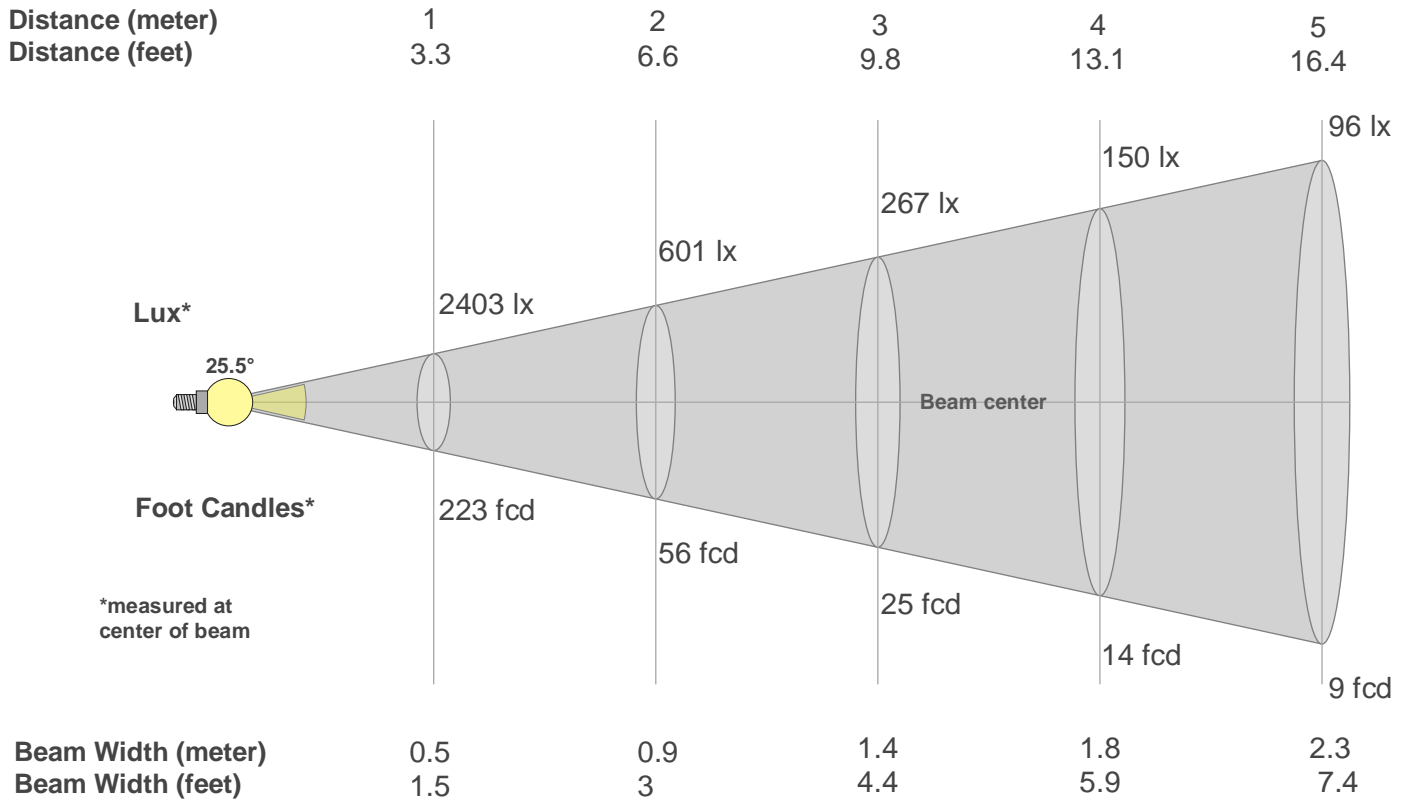
CQS: 82.3



## 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	$\Delta uv$
16481 K	61.0	-119.4	71.4	121.4	82.3	0.274	0.249	0.201	0.275	-0.0206

## 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	2403	601	267	150	96	67	49	38	30	24	20	17	14	12	11	9	8	7	7	6
fcd	223.2	55.8	24.8	14	8.9	6.2	4.6	3.5	2.8	2.2	1.8	1.6	1.3	1.1	1	0.9	0.8	0.7	0.6	0.6

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°
2403	2364	2242	2052	1817	1556	1300	1047	833	642	492	370	279	209	156	117	88	68	51	38
100%	98%	93%	85%	76%	65%	54%	44%	35%	27%	20%	15%	12%	9%	6%	5%	4%	3%	2%	2%

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°
2403	2364	2242	2052	1817	1556	1300	1047	833	642	492	370	279	209	156	117	88	68	51	38
100%	98%	93%	85%	76%	65%	54%	44%	35%	27%	20%	15%	12%	9%	6%	5%	4%	3%	2%	2%

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°
2403	2357	2233	2044	1810	1556	1294	1054	834	651	500	381	287	218	164	124	94	72	55	42
100%	98%	93%	85%	75%	65%	54%	44%	35%	27%	21%	16%	12%	9%	7%	5%	4%	3%	2%	2%

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°
2403	2357	2233	2044	1810	1556	1294	1054	834	651	500	381	287	218	164	124	94	72	55	42
100%	98%	93%	85%	75%	65%	54%	44%	35%	27%	21%	16%	12%	9%	7%	5%	4%	3%	2%	2%

Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
25.5°	50.3°	70.2°	99.9%	98.6%