

Encore LP32IP NO Frost



Light Efficiency:

28 Lumen/Watt

Light Quality:

CRI: 84.9

Color Temperature:

15164 K

Output: 6052 lm

Peak: 148178 cd

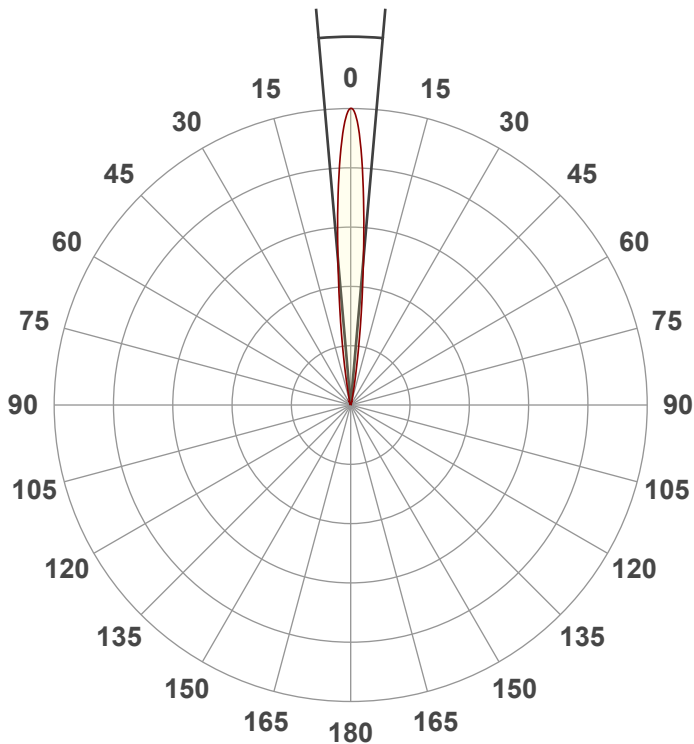
Power: 218 W

PF: 0.99



Beam Angle

10°



Test:

CRI

Date:

7/22/2022

Note:

R @ 122

G @ 158

B @ 150

L @ 266

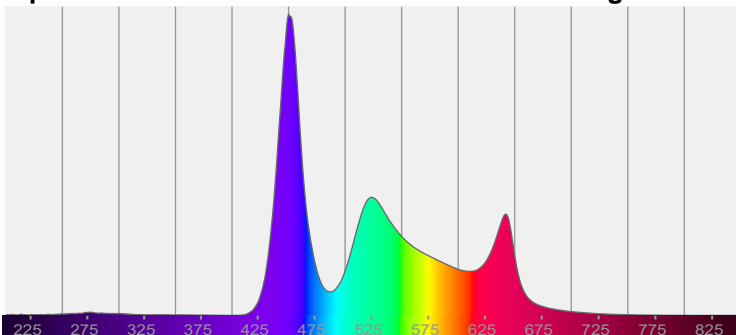
CIE 1931

x: 0.264

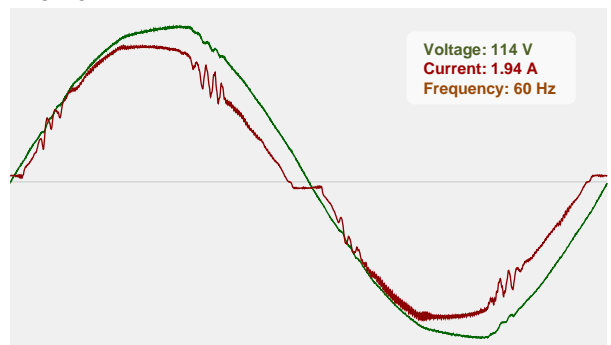
y: 0.266

Spectra

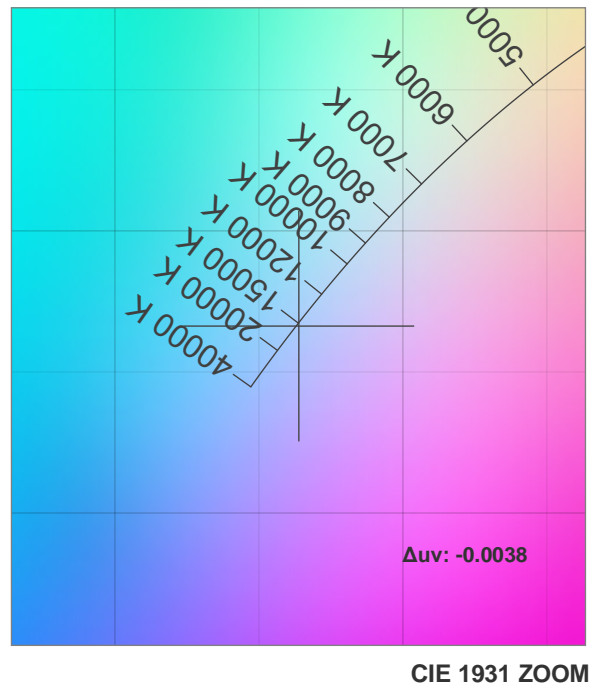
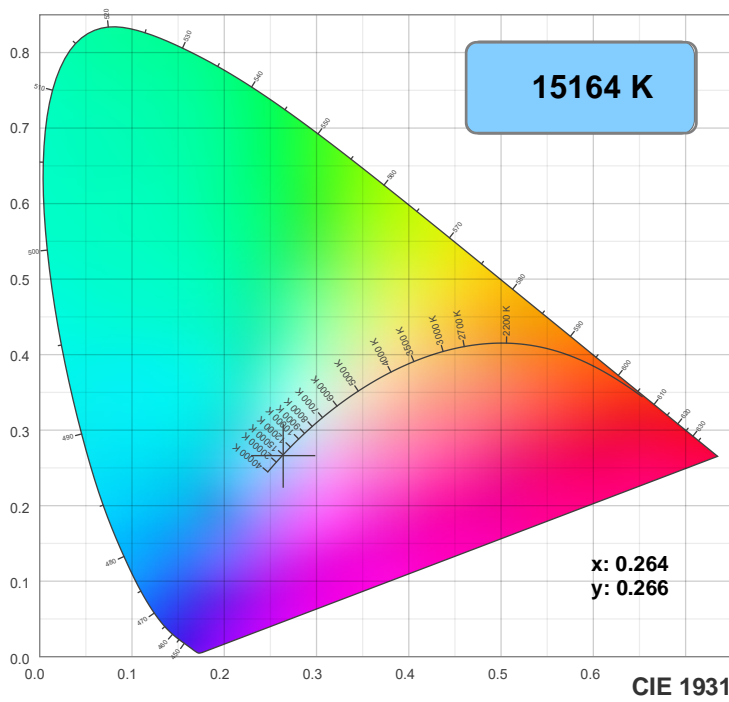
Dominant Wavelength: 473nm



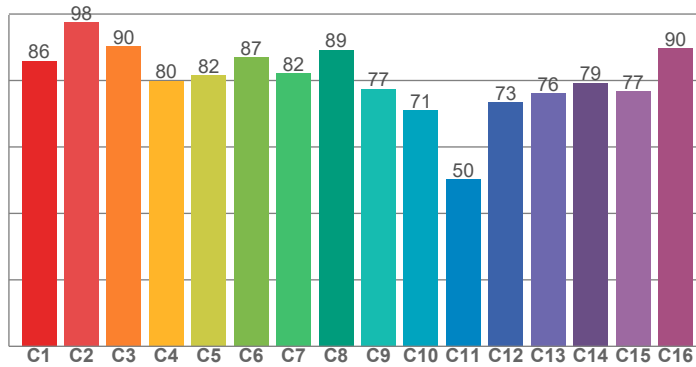
Power



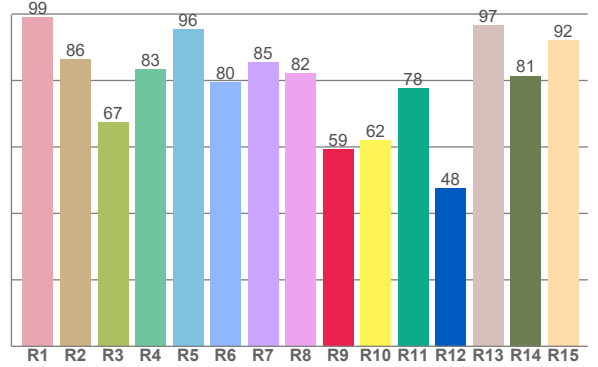
Color Details



TM30: 81.3



CRI: 84.9 (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
99.0	86.3	67.4	83.4	95.5	79.6	85.4	82.2	59.3	62.1	77.6	47.6	96.6	81.4	92.1

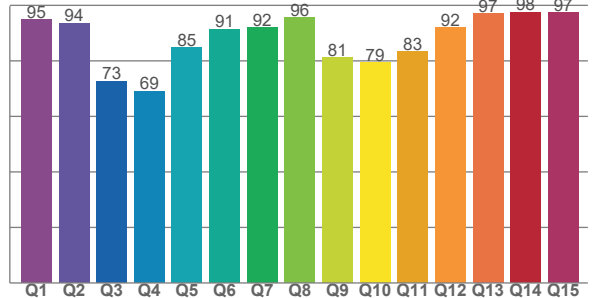
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
85.9	97.5	90.3	79.9	81.5	86.9	82.1	89.2	77.4	71.0	50.2	73.4	76.2	79.3	76.8	89.6

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
94.8	93.5	72.8	69.2	84.8	91.4	92.0	95.6	81.1	79.4	83.3	91.9	97.1	97.6	97.4

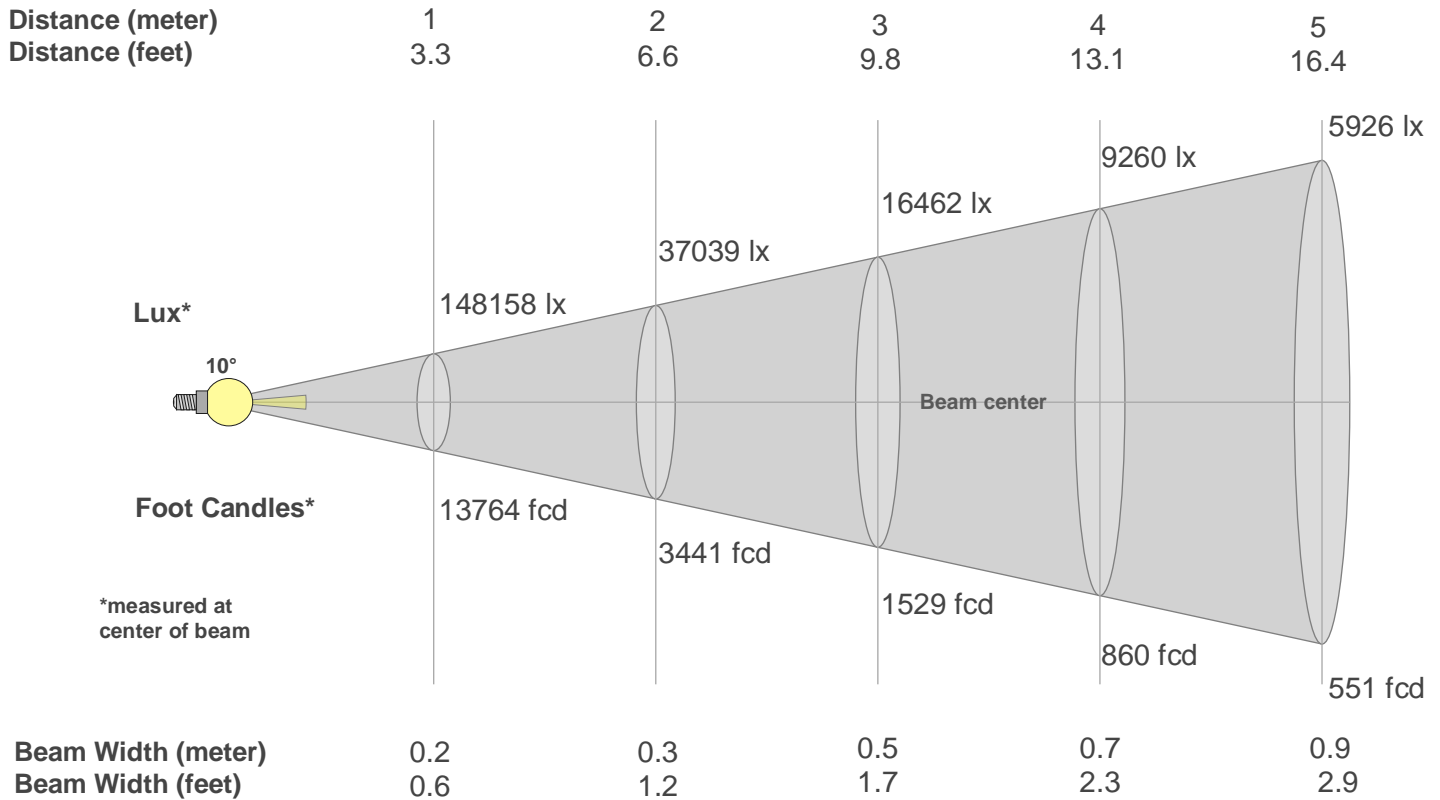
CQS: 85.2



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	Δuv
15164 K	84.9	59.3	81.3	104.3	85.2	0.264	0.266	0.186	0.282	-0.0038

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	148158	37039	16462	9260	5926	4115	3024	2315	1829	1482	1224	1029	877	756	658	579	513	457	410	370
fcd	13764.3	3441.1	1529.4	860.3	550.6	382.3	280.9	215.1	169.9	137.6	113.8	95.6	81.4	70.2	61.2	53.8	47.6	42.5	38.1	34.4

Intensities in 0° C-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
148K	143K	131K	114K	94K	74K	56K	41K	29K	19K	13K	8K	6K	4K	3K	3K	2K	2K	2K	1K
100%	97%	89%	77%	64%	50%	38%	28%	19%	13%	8%	5%	4%	3%	2%	2%	1%	1%	1%	1%

Intensities in 90° C-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
148K	143K	131K	114K	94K	74K	56K	41K	29K	19K	13K	8K	6K	4K	3K	3K	2K	2K	2K	1K
100%	97%	89%	77%	64%	50%	38%	28%	19%	13%	8%	5%	4%	3%	2%	2%	1%	1%	1%	1%

Intensities in 180° C-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
148K	145K	133K	115K	95K	74K	56K	40K	28K	18K	12K	8K	6K	4K	3K	3K	2K	2K	2K	1K
100%	98%	90%	78%	64%	50%	38%	27%	19%	12%	8%	5%	4%	3%	2%	2%	1%	1%	1%	1%

Intensities in 270° C-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
148K	145K	133K	115K	95K	74K	56K	40K	28K	18K	12K	8K	6K	4K	3K	3K	2K	2K	2K	1K
100%	98%	90%	78%	64%	50%	38%	27%	19%	12%	8%	5%	4%	3%	2%	2%	1%	1%	1%	1%

Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
10°	19°	26.9°	100.0%	100.0%