

Encore LP18IP



Light Efficiency:

26 Lumen/Watt

Light Quality:

CRI: 0.0

Color Temperature:

0 K

Output: 9332 lm

Peak: 257652 cd

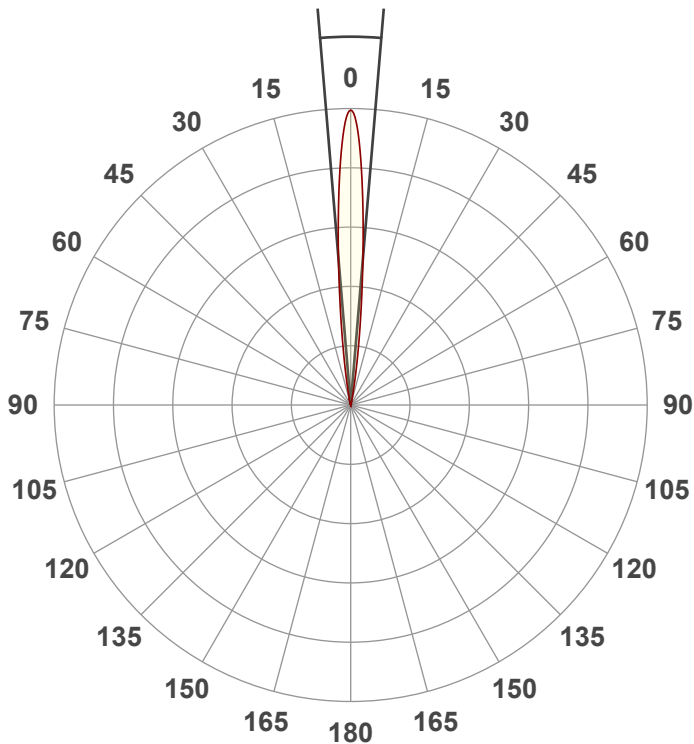
Power: 359.9 W

PF: 1.0



Beam Angle

9.5°



Test:

Full On No Lens

Date:

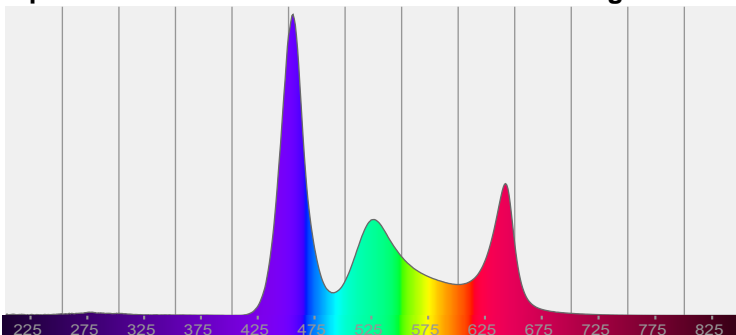
2/15/2022

Note:

CIE 1931
x: 0.256
y: 0.233

Spectra

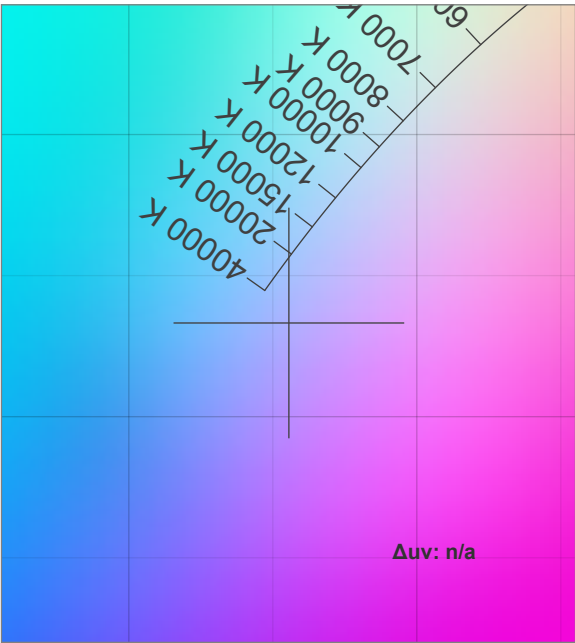
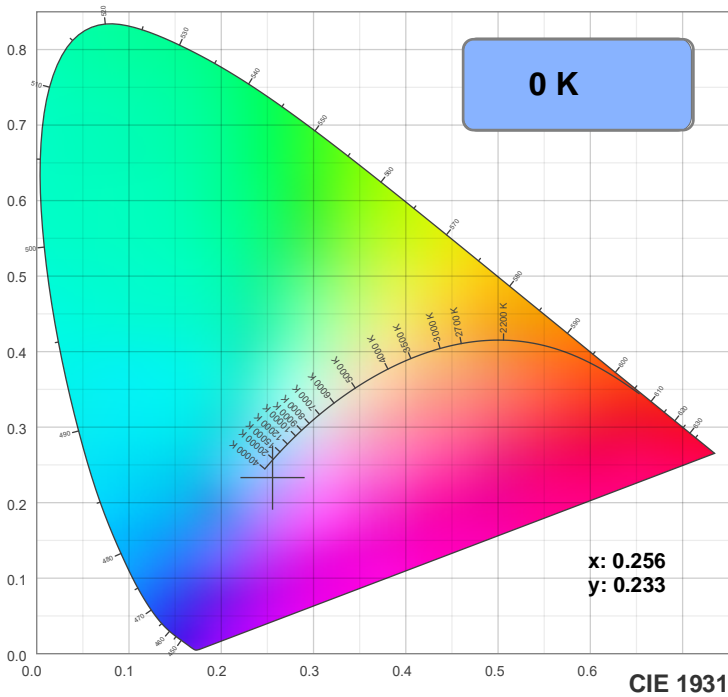
Dominant Wavelength: 464nm



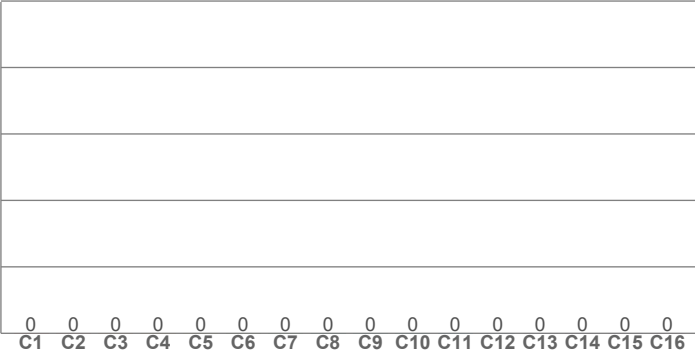
Power

Voltage: 116 V
Current: 3.10 A
Frequency: 0 Hz

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

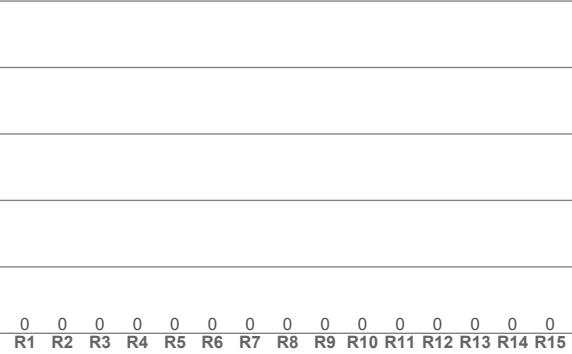
TM30 C values, 16 binned values out of total of 99 C values

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

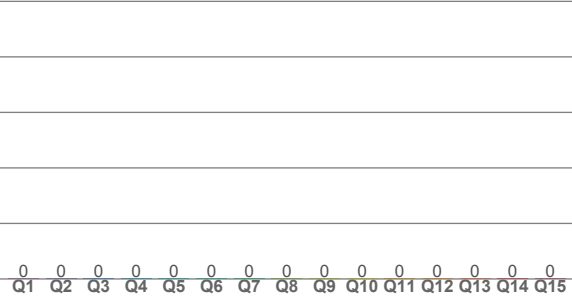
CQS Q values

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)



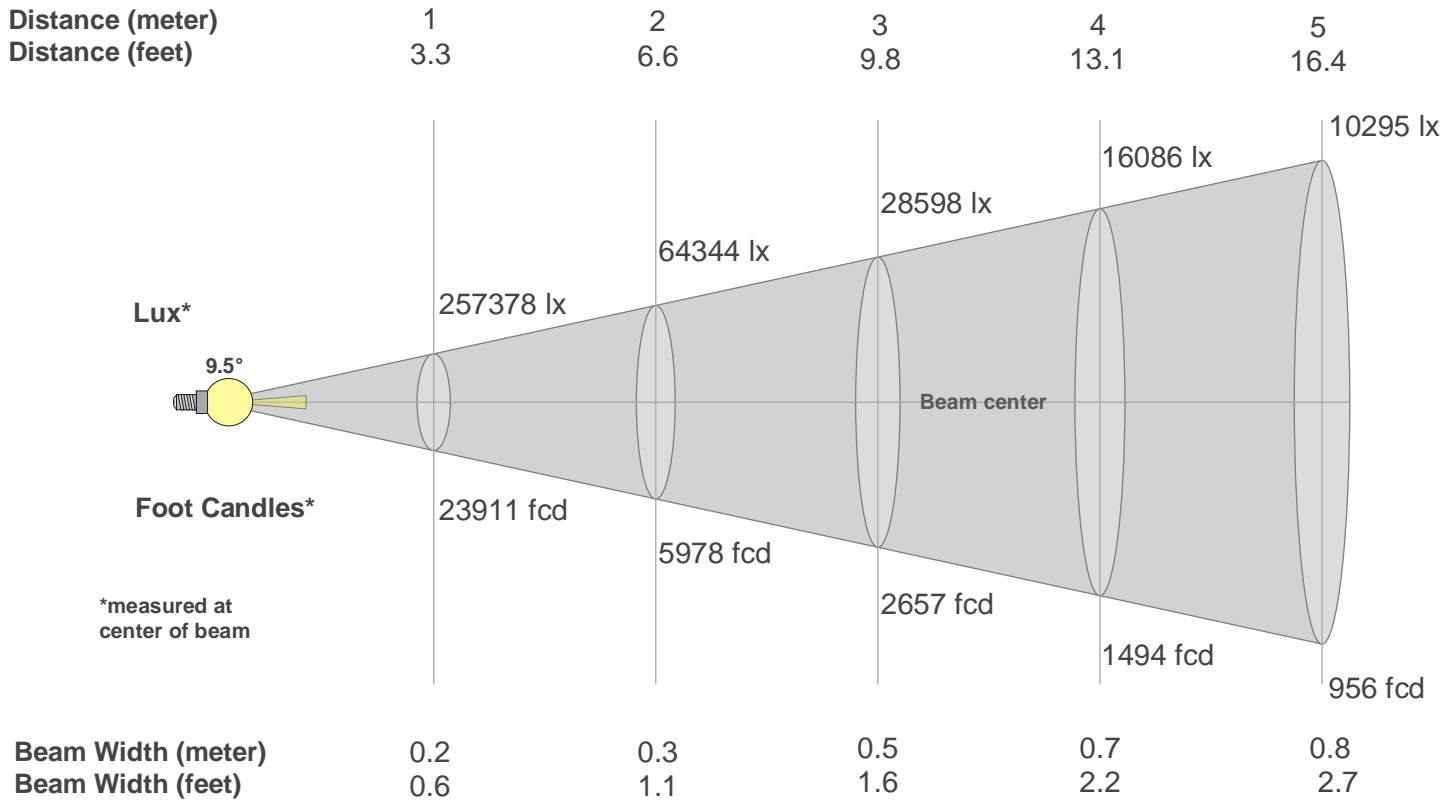
CQS: 0.0



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
0 K	0.0	0.0	0.0	0.0	0.0	0.256	0.233	0.193	0.265	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	257378	64344	28598	16086	10295	7149	5253	4022	3178	2574	2127	1787	1523	1313	1144	1005	891	794	713	643
fcd	23911.2	5977.8	2656.8	1494.4	956.4	664.2	488	373.6	295.2	239.1	197.6	166	141.5	122	106.3	93.4	82.7	73.8	66.2	59.8

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°
257K	249K	225K	192K	156K	121K	89K	62K	42K	27K	17K	11K	7K	5K	4K	3K	3K	2K	2K	1K
100%	97%	88%	75%	61%	47%	34%	24%	16%	11%	7%	4%	3%	2%	2%	1%	1%	1%	1%	0%

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°
257K	249K	225K	192K	156K	121K	89K	62K	42K	27K	17K	11K	7K	5K	4K	3K	3K	2K	2K	1K
100%	97%	88%	75%	61%	47%	34%	24%	16%	11%	7%	4%	3%	2%	2%	1%	1%	1%	1%	0%

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°
257K	249K	226K	192K	156K	121K	90K	64K	44K	29K	18K	12K	8K	6K	4K	3K	3K	3K	2K	2K
100%	97%	88%	75%	61%	47%	35%	25%	17%	11%	7%	4%	3%	2%	2%	1%	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°
257K	249K	226K	192K	156K	121K	90K	64K	44K	29K	18K	12K	8K	6K	4K	3K	3K	3K	2K	2K
100%	97%	88%	75%	61%	47%	35%	25%	17%	11%	7%	4%	3%	2%	2%	1%	1%	1%	1%	1%

Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
9.5°	18.4°	24.9°	100.0%	100.0%