

Encore LP18IP



Light Efficiency:

25 Lumen/Watt

Light Quality:

CRI: 0.0

Color Temperature:

0 K

Output: 7011 lm

Peak: 191284 cd

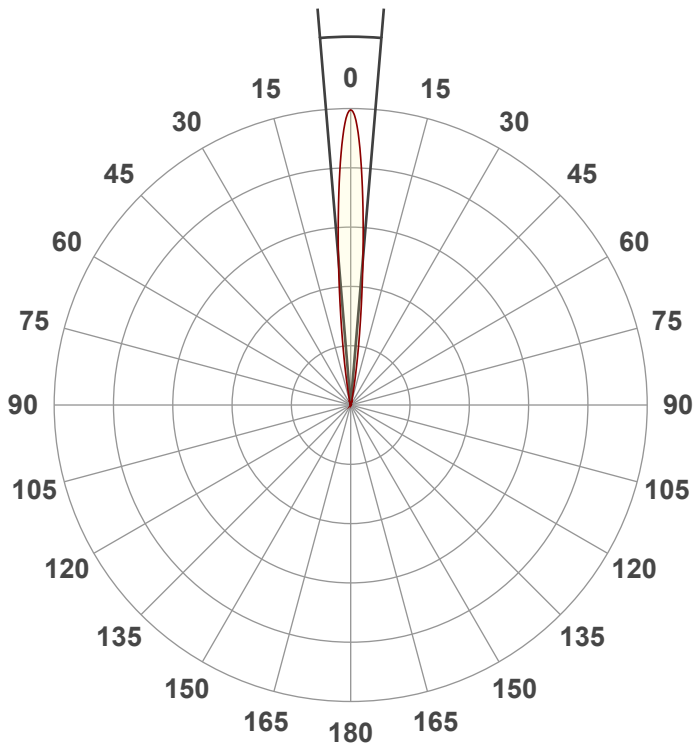
Power: 278.1 W

PF: 1.0



Beam Angle

9.6°



Test:

Full On No Lens

Date:

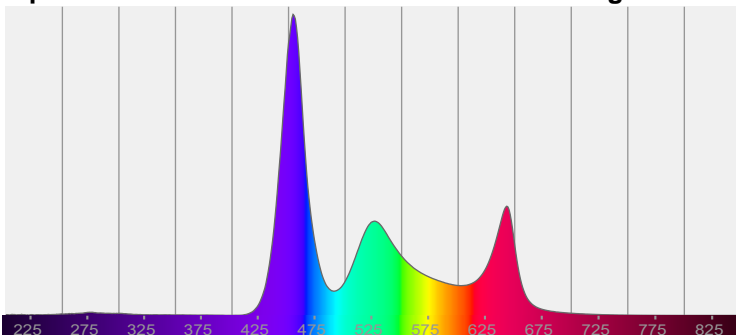
2/15/2022

Note:

CIE 1931
x: 0.247
y: 0.230

Spectra

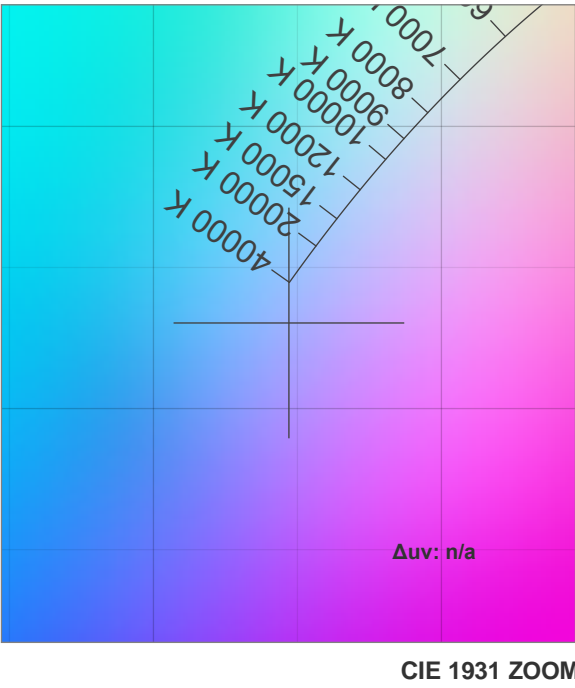
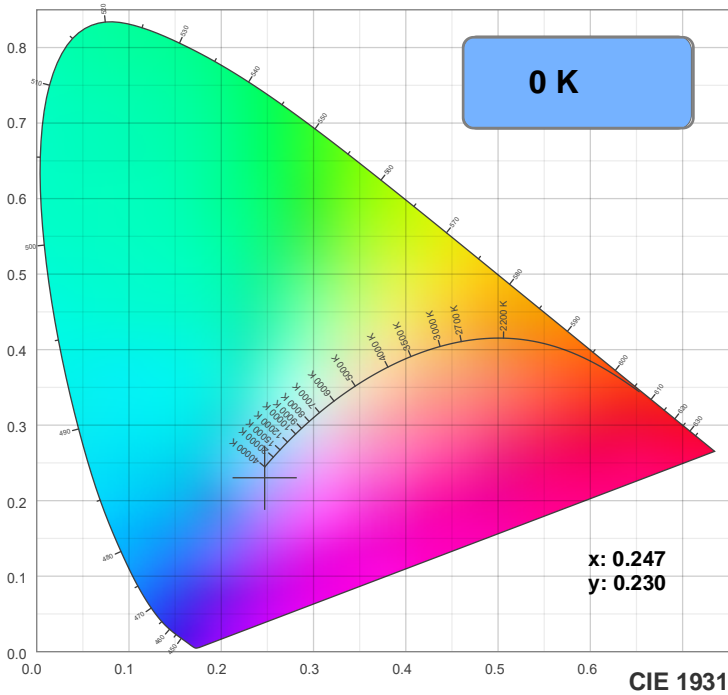
Dominant Wavelength: 468nm



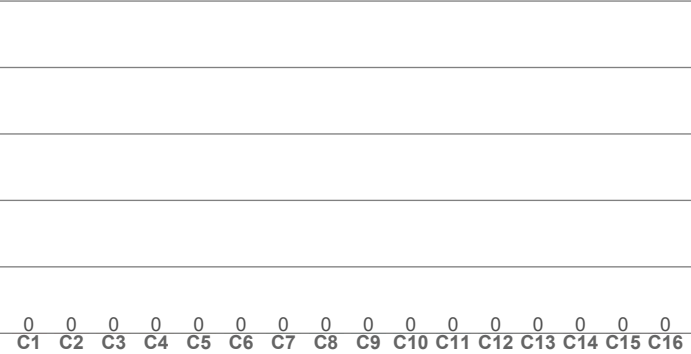
Power

Voltage: 116 V
Current: 2.40 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

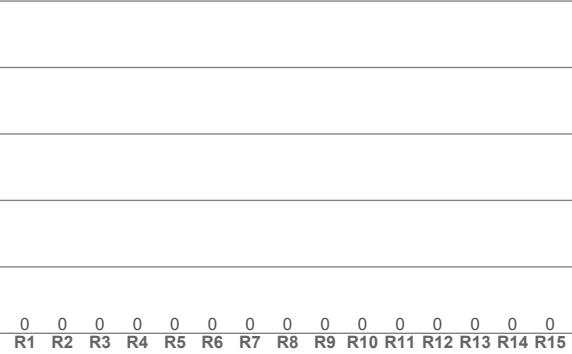
TM30 C values, 16 binned values out of total of 99 C values

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

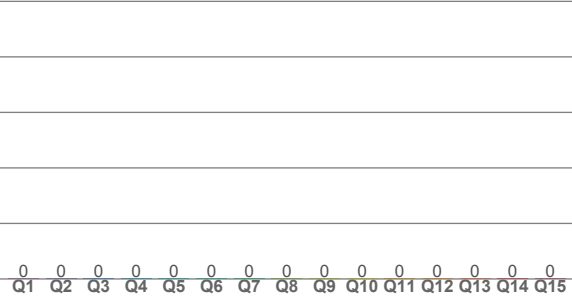
CQS Q values

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)



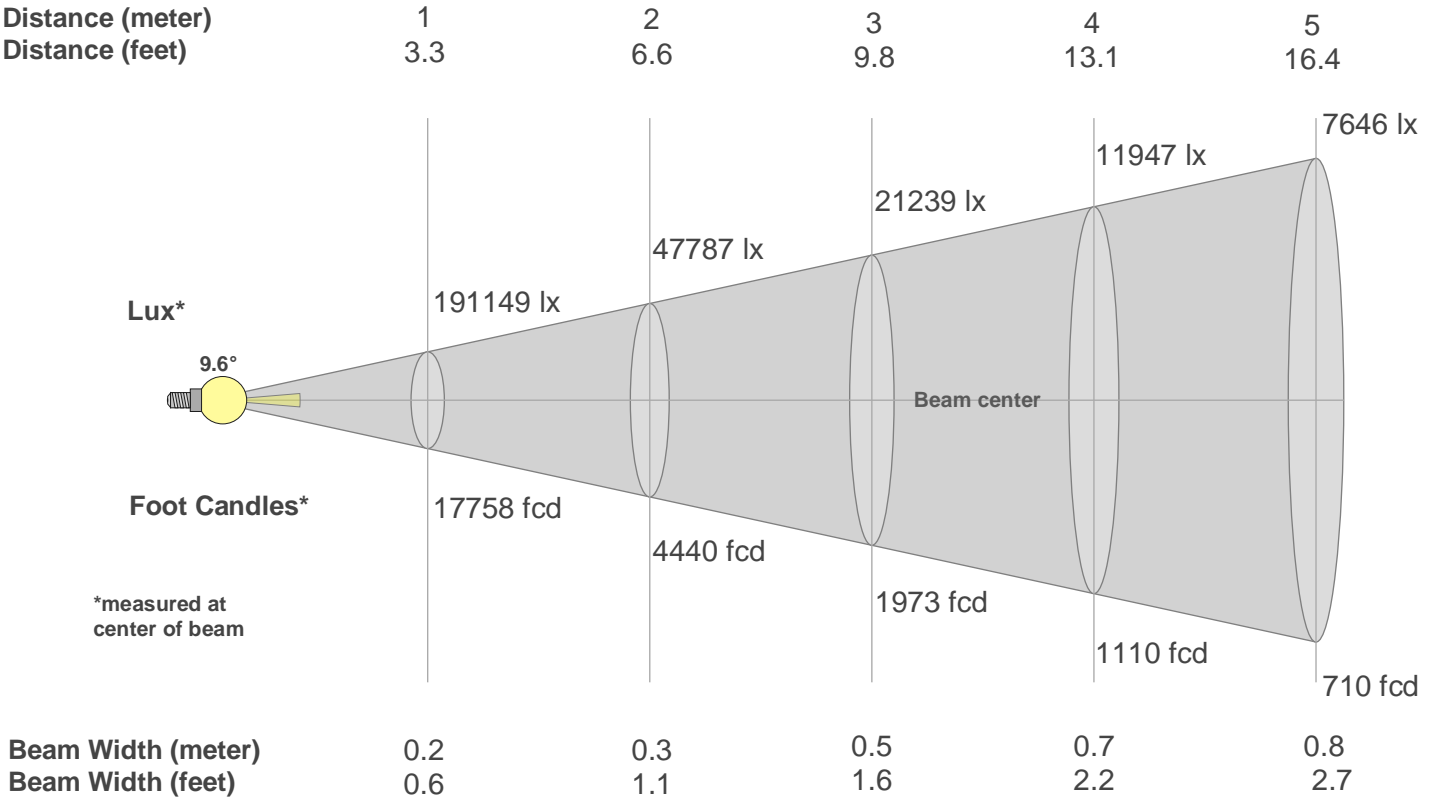
CQS: 0.0



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	0.247	0.230	0.188	0.262	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	191149	47787	21239	11947	7646	5310	3901	2987	2360	1911	1580	1327	1131	975	850	747	661	590	529	478
fcd	17758.3	4439.6	1973.1	1109.9	710.3	493.3	362.4	277.5	219.2	177.6	146.8	123.3	105.1	90.6	78.9	69.4	61.4	54.8	49.2	44.4

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°
191K	185K	167K	143K	116K	90K	66K	46K	31K	20K	13K	8K	6K	4K	3K	3K	2K	2K	1K	1K
100%	97%	88%	75%	61%	47%	35%	24%	16%	11%	7%	4%	3%	2%	2%	1%	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°
191K	185K	167K	143K	116K	90K	66K	46K	31K	20K	13K	8K	6K	4K	3K	3K	2K	2K	1K	1K
100%	97%	88%	75%	61%	47%	35%	24%	16%	11%	7%	4%	3%	2%	2%	1%	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°
191K	185K	168K	143K	116K	90K	67K	48K	33K	21K	13K	9K	6K	4K	3K	3K	2K	2K	2K	1K
100%	97%	88%	75%	61%	47%	35%	25%	17%	11%	7%	5%	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°
191K	185K	168K	143K	116K	90K	67K	48K	33K	21K	13K	9K	6K	4K	3K	3K	2K	2K	2K	1K
100%	97%	88%	75%	61%	47%	35%	25%	17%	11%	7%	5%	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
9.6°	18.4°	25.1°	100.0%	100.0%