

Encore Profile Mini Color



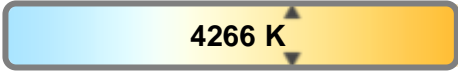
Light Efficiency:



Light Quality:



Color Temperature:



Output: 503 lm

Peak: 4673 cd

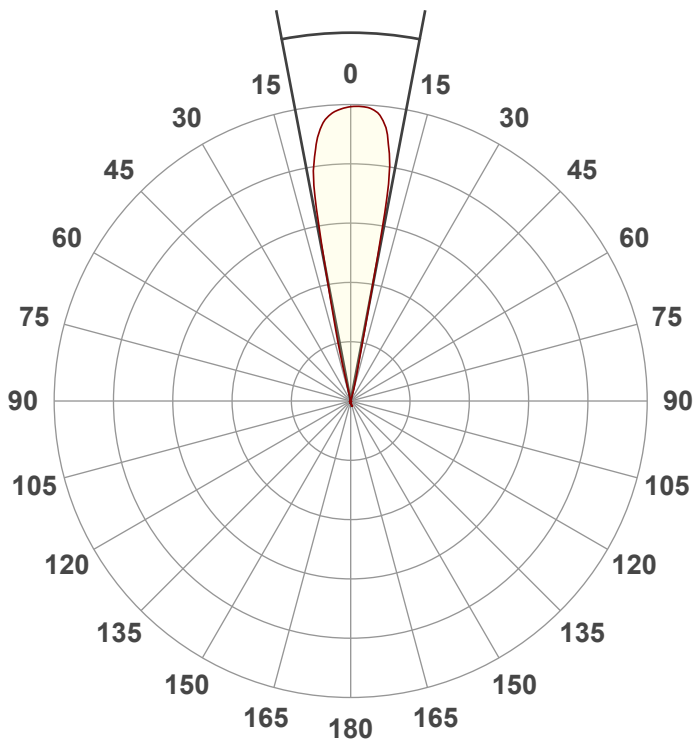
Power: 40.1 W

PF: 0.99



Beam Angle

21.6°



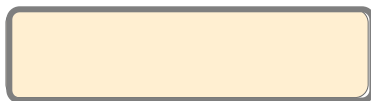
Test:

Zoom 25deg Full On

Date:

9/7/2023

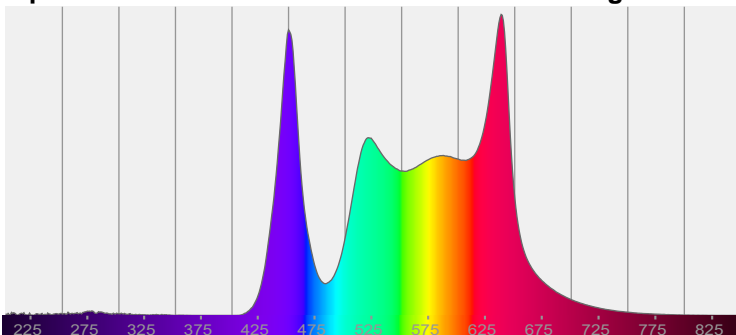
Note:



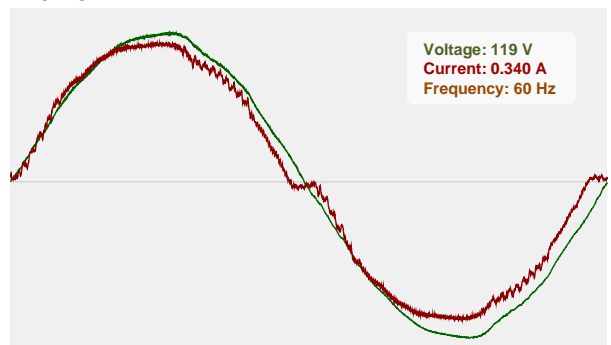
CIE 1931
x: 0.365
y: 0.350

Spectra

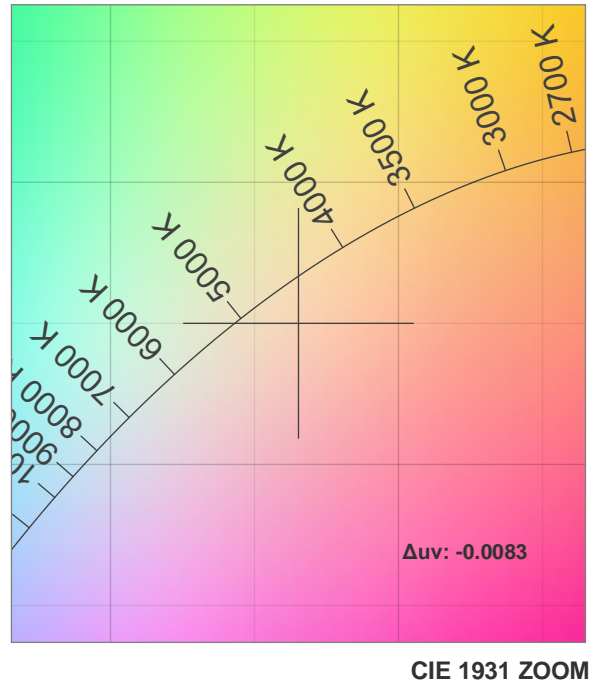
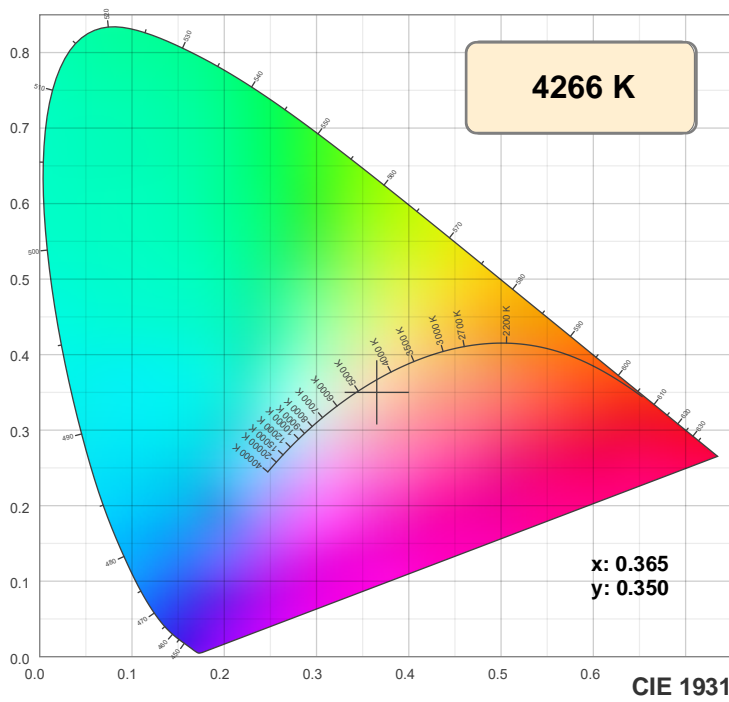
Dominant Wavelength: 589nm



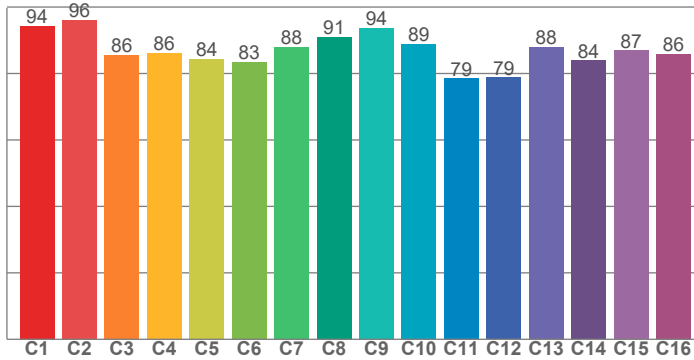
Power



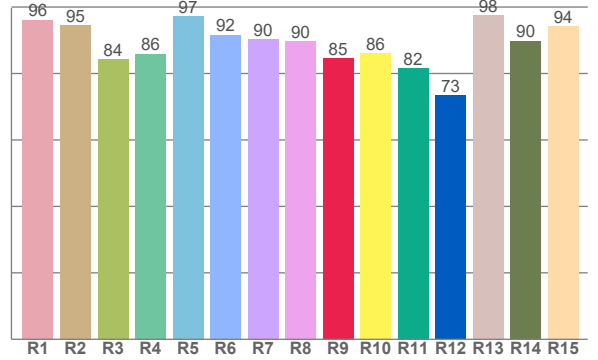
Color Details



TM30: 87.4



CRI: 91.2 (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
96.2	94.5	84.2	85.9	97.2	91.6	90.4	89.6	84.7	86.0	81.6	73.3	97.6	89.9	94.2

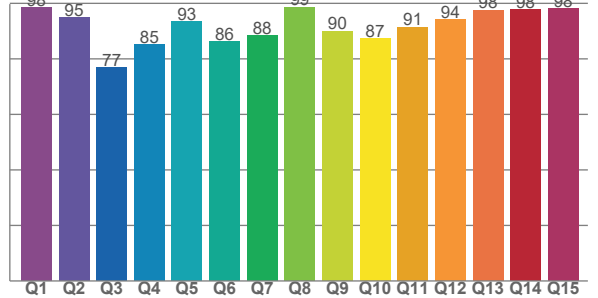
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94.4	96.1	85.6	86.2	84.4	83.4	88.0	90.9	93.8	89.0	78.6	78.8	87.9	83.9	86.9	86.0

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
98.5	94.9	76.8	85.2	93.4	86.3	88.4	98.6	90.0	87.3	91.4	94.1	97.5	97.8	98.1

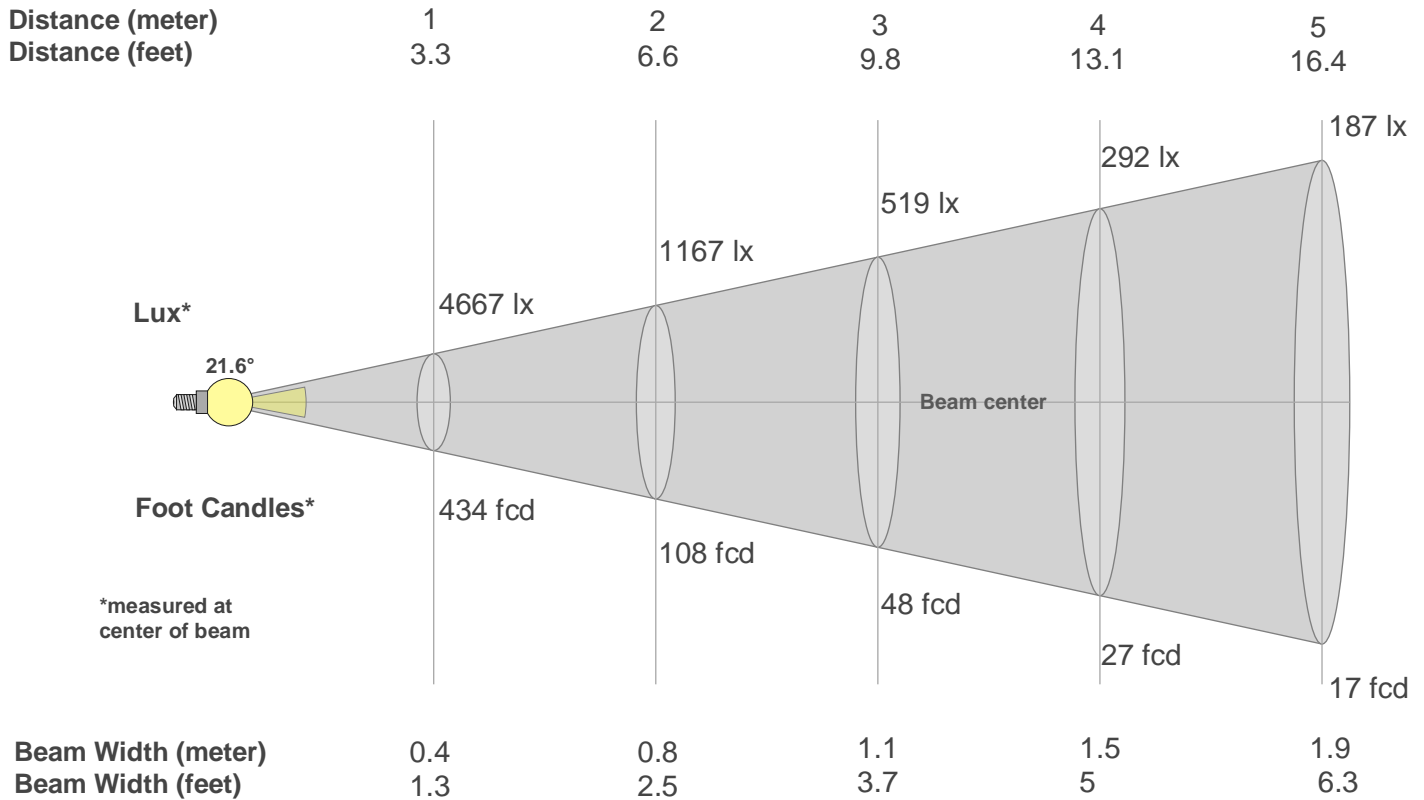
CQS: 89.9



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
4266 K	91.2	84.7	87.4	108.3	89.9	0.365	0.350	0.226	0.325	-0.0083

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	4667	1167	519	292	187	130	95	73	58	47	39	32	28	24	21	18	16	14	13	12
fcd	433.6	108.4	48.2	27.1	17.3	12	8.8	6.8	5.4	4.3	3.6	3	2.6	2.2	1.9	1.7	1.5	1.3	1.2	1.1

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°
4667	4650	4630	4595	4556	4476	4387	4205	4005	3633	3191	2114	1088	515	0	0	0	0	0	0
100%	100%	99%	98%	98%	96%	94%	90%	86%	78%	68%	45%	23%	11%	0%	0%	0%	0%	0%	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°
4667	4650	4630	4595	4556	4476	4387	4205	4005	3633	3191	2114	1088	515	0	0	0	0	0	0
100%	100%	99%	98%	98%	96%	94%	90%	86%	78%	68%	45%	23%	11%	0%	0%	0%	0%	0%	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°
4667	4671	4673	4660	4646	4592	4534	4375	4207	3779	3325	2059	716	324	27	0	0	0	0	0
100%	100%	100%	100%	100%	98%	97%	94%	90%	81%	71%	44%	15%	7%	1%	0%	0%	0%	0%	0%

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°
4667	4671	4673	4660	4646	4592	4534	4375	4207	3779	3325	2059	716	324	27	0	0	0	0	0
100%	100%	100%	100%	100%	98%	97%	94%	90%	81%	71%	44%	15%	7%	1%	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
21.6°	25.6°	27.4°	100.0%	100.0%