

Photometric / Colorimetric / Electric Report

Fixture Model:

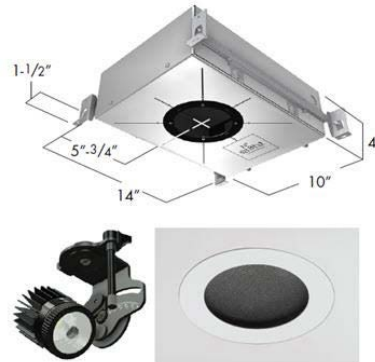
804S-J2S-TW-25-3500K-EL3-8-700-FR-LG-P-1-WH-NL

Trim Model:

FR-LG-P-1-WH/NL

Date:

7/28/2020



Light efficiency:

59 Lumen/Watt

Light quality:

CRI: 95.3

Color temperature:

3602 K

CIE 1931:

**x: 0.396
y: 0.378**

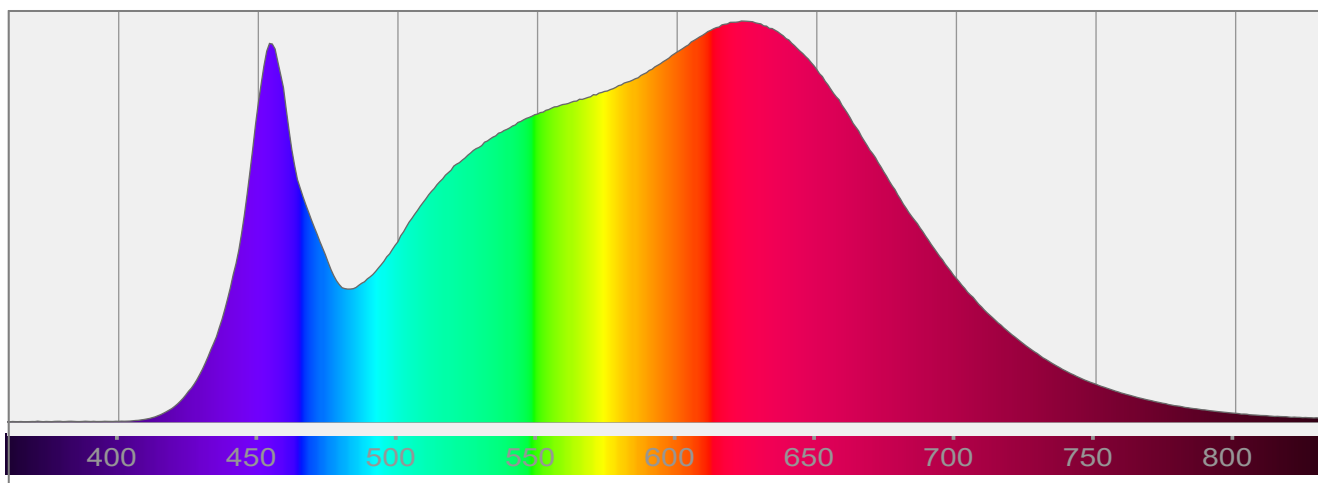
Output: 857 lm

Peak: 2602 cd

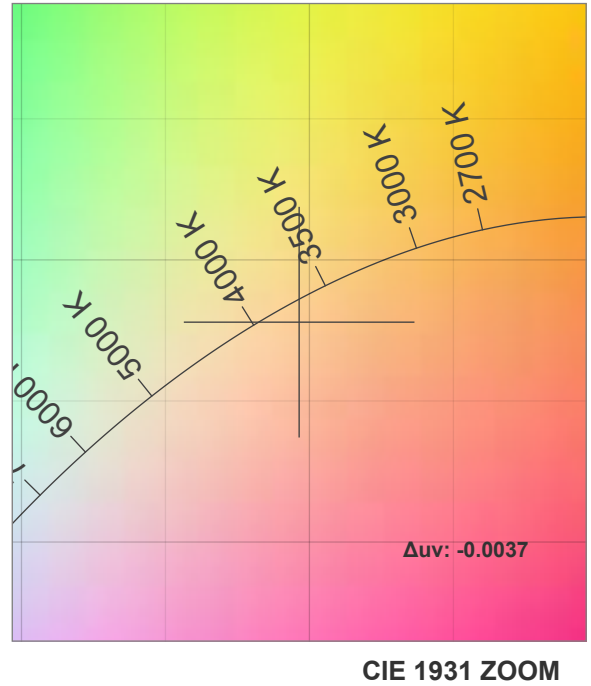
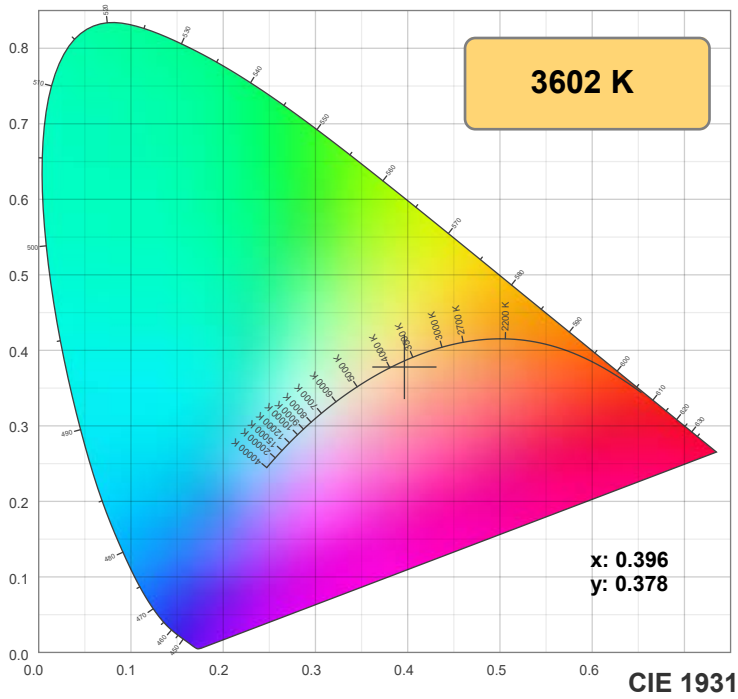
Power: 14.4 W

PF: 0.99

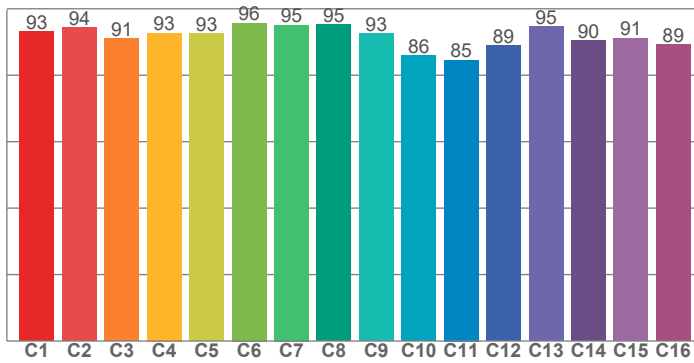
Spectra:



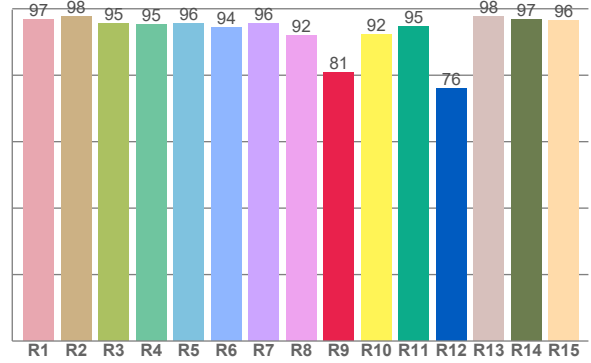
Color Details



TM-30: 91.6



CRI: 95.3 (R1-R8)



CRI R Values:

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96.9	97.7	95.5	95.3	95.5	94.3	95.6	91.9	80.9	92.2	94.6	76.0	97.6	96.7	96.4

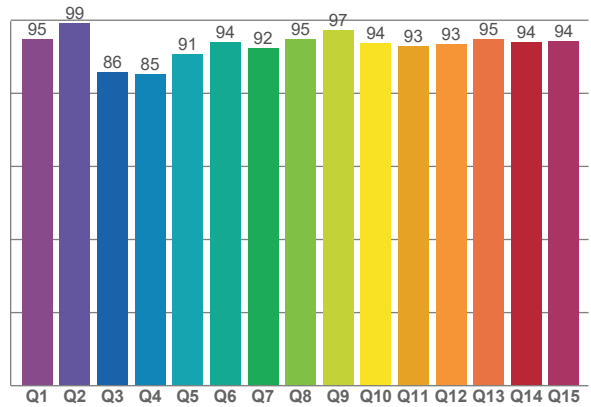
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
93.1	94.4	91.2	92.7	92.6	95.7	95.1	95.3	92.5	86.0	84.6	88.9	94.6	90.4	91.2	89.3

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
94.8	99.3	85.7	85.2	90.8	93.9	92.4	94.9	97.2	93.7	92.8	93.5	94.8	93.9	94.2

CQS: 92.3



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3602 K	95.3	80.9	91.6	100.5	92.3	0.396	0.378	0.235	0.336	-0.0037

TM-30 Details

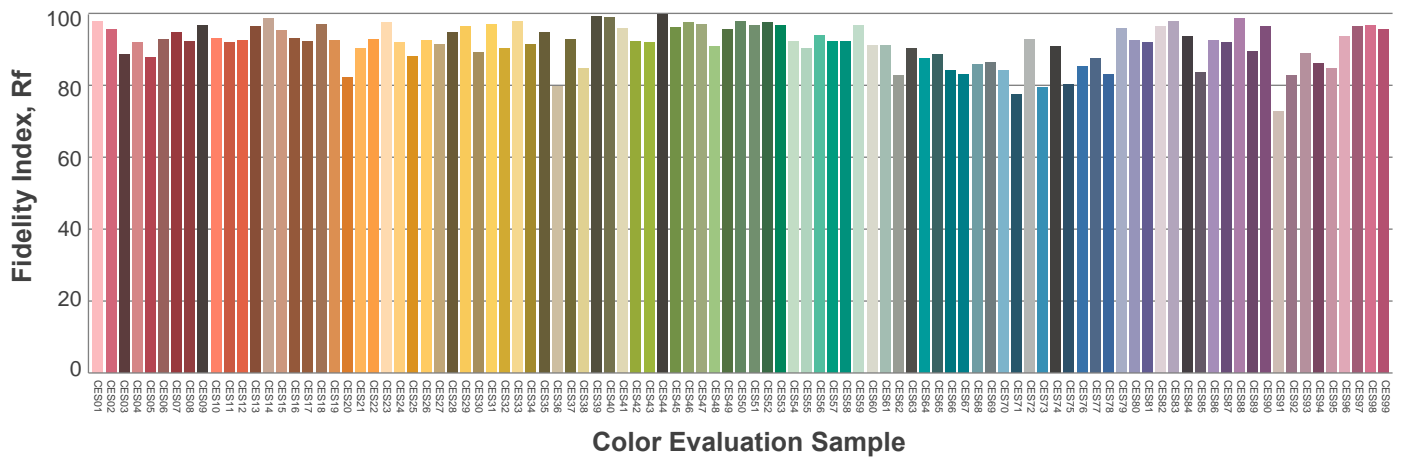
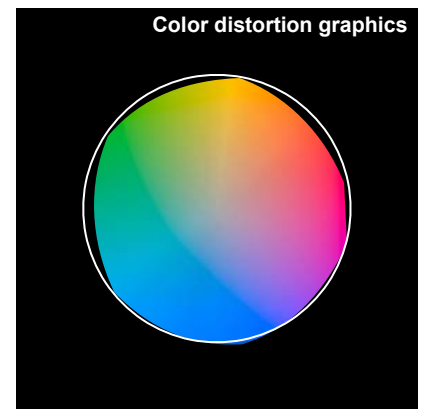
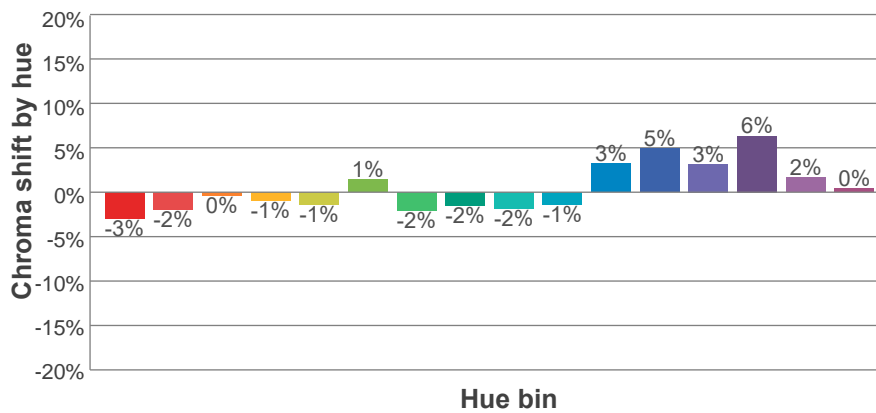
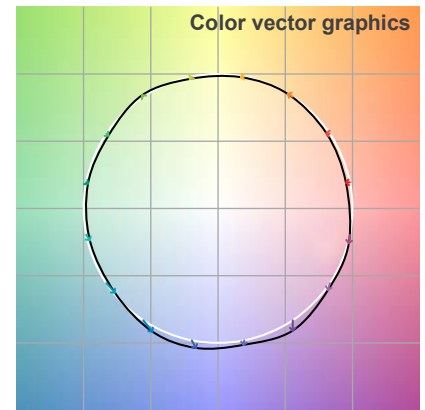
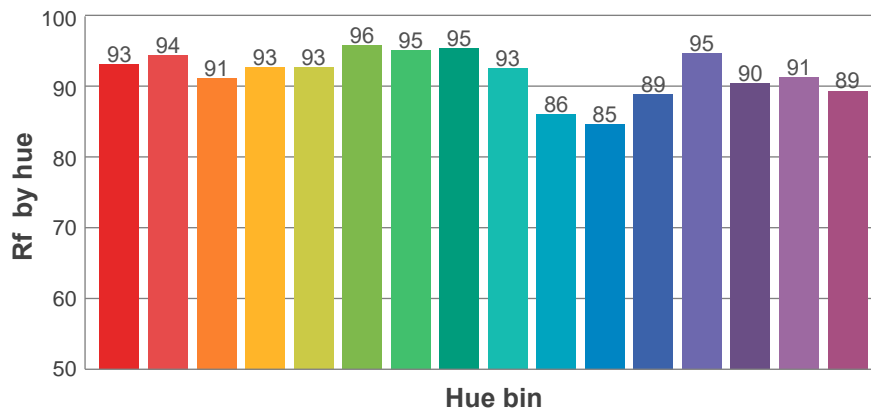
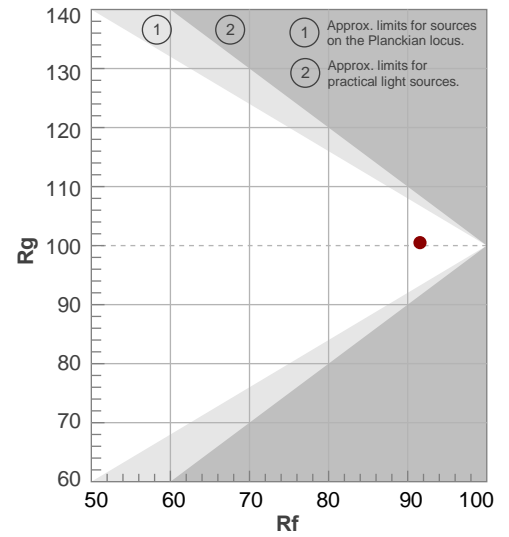
Rf 91.6

Fidelity index Rf

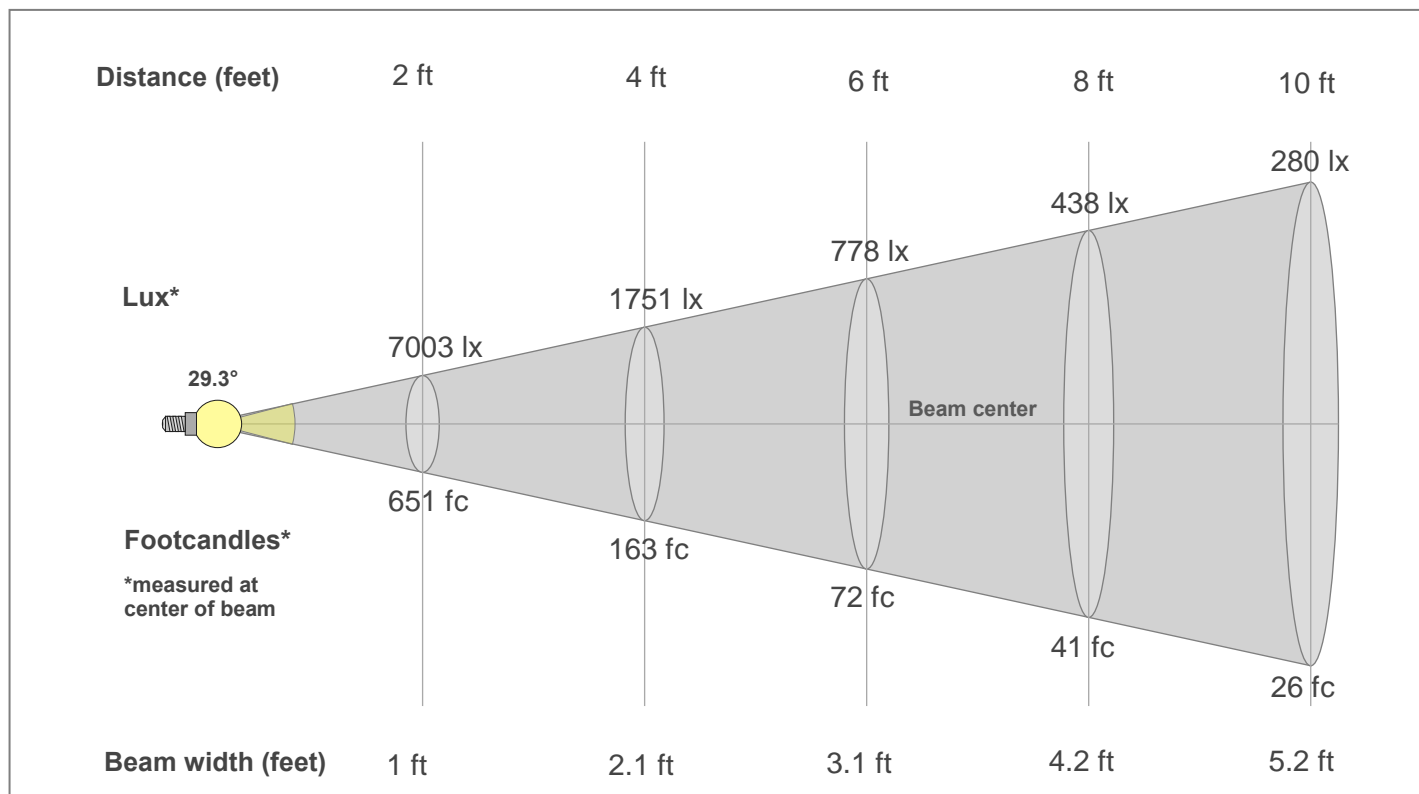
Rg 100.5

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	93	-3%	0%
2	94	-2%	2%
3	91	0%	4%
4	93	-1%	2%
5	93	-1%	2%
6	96	1%	0%
7	95	-2%	0%
8	95	-2%	1%
9	93	-2%	5%
10	86	-1%	9%
11	85	3%	10%
12	89	5%	4%
13	95	3%	-1%
14	90	6%	-4%
15	91	2%	-5%
16	89	0%	-6%



Beam Details



Beam Intensities from 1-20m

1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
2602lx	651lx	289lx	163lx	104lx	72lx	53lx	41lx	32lx	26lx	22lx	18lx	15lx	13lx	12lx	10lx	9lx	8lx	7lx	7lx
241.8fc	60.4fc	26.9fc	15.1fc	9.7fc	6.7fc	4.9fc	3.8fc	3fc	2.4fc	2fc	1.7fc	1.4fc	1.2fc	1.1fc	0.9fc	0.8fc	0.7fc	0.7fc	0.6fc

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°
2602	2571	2464	2306	2102	1873	1625	1381	1144	932	746	590	460	358	283	225	181	146	117	88
100%	99%	95%	89%	81%	72%	62%	53%	44%	36%	29%	23%	18%	14%	11%	9%	7%	6%	4%	3%

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°
2602	2571	2464	2306	2102	1873	1625	1381	1144	932	746	590	460	358	283	225	181	146	117	88
100%	99%	95%	89%	81%	72%	62%	53%	44%	36%	29%	23%	18%	14%	11%	9%	7%	6%	4%	3%

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°
2602	2571	2464	2306	2102	1873	1625	1381	1144	932	746	590	460	358	283	225	181	146	117	88
100%	99%	95%	89%	81%	72%	62%	53%	44%	36%	29%	23%	18%	14%	11%	9%	7%	6%	4%	3%

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°
2602	2571	2464	2306	2102	1873	1625	1381	1144	932	746	590	460	358	283	225	181	146	117	88
100%	99%	95%	89%	81%	72%	62%	53%	44%	36%	29%	23%	18%	14%	11%	9%	7%	6%	4%	3%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
29.3°	57.4°	79.5°	99.6%	98.7%