

Photometric / Colorimetric / Electric Report

Fixture Model:

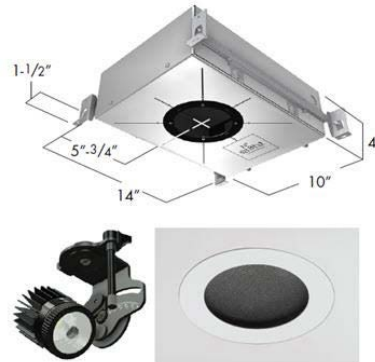
804S-J2S-TW-15T-3000K-EL3-8-700-FR-LG-P-1-WH-NL

Trim Model:

FR-LG-P-1-WH/NL

Date:

7/28/2020



Light efficiency:

72 Lumen/Watt

Light quality:

CRI: 95.5

Color temperature:

2996 K

CIE 1931:

**x: 0.430
y: 0.390**

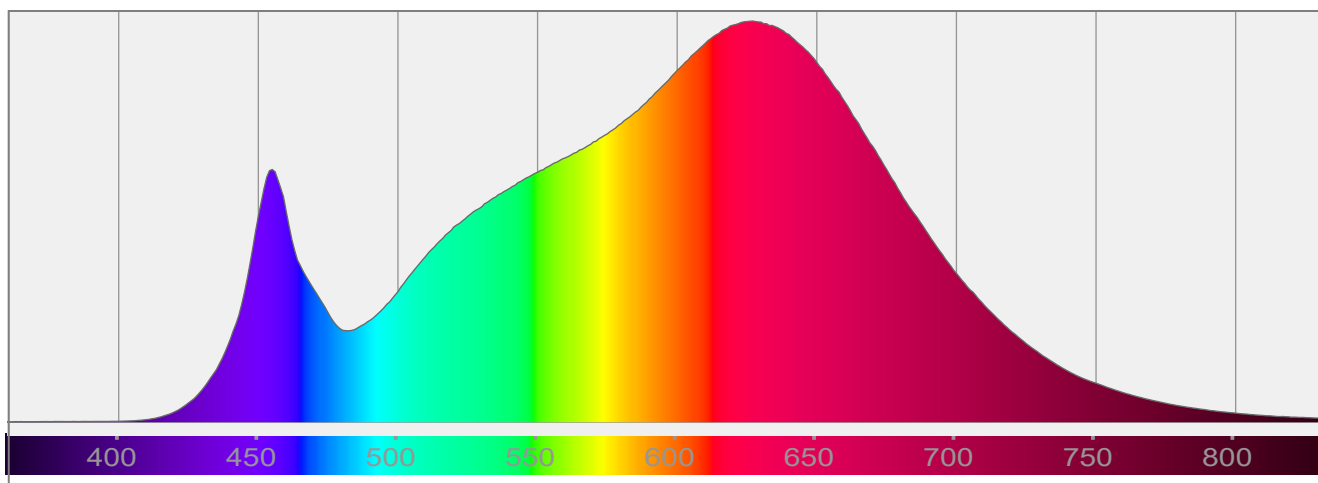
Output: 1034 lm

Peak: 6891 cd

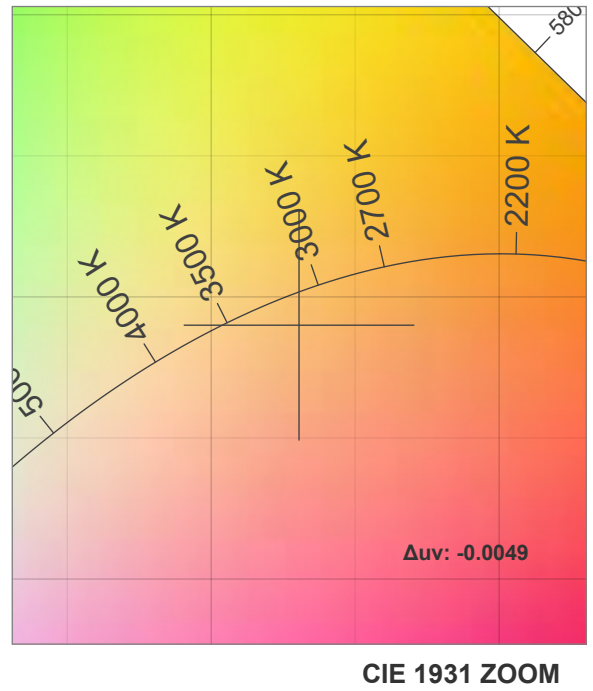
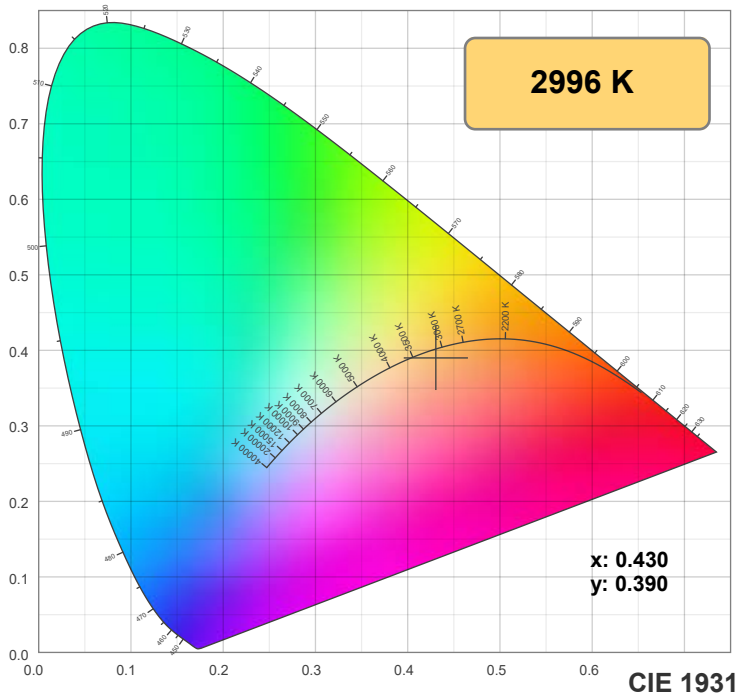
Power: 14.3 W

PF: 0.99

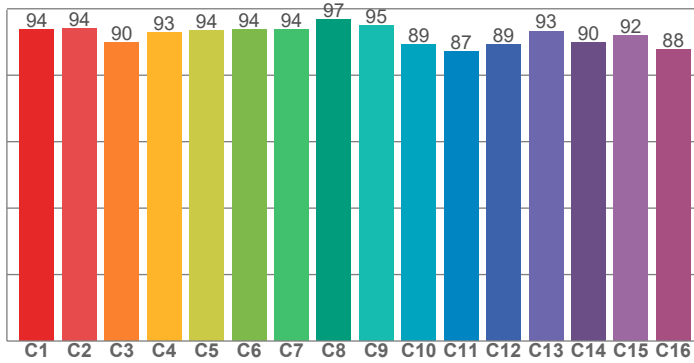
Spectra:



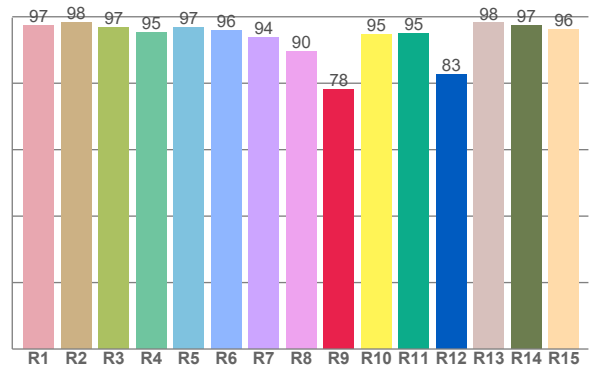
Color Details



TM-30: 92.0



CRI: 95.5 (R1-R8)



CRI R Values:

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.4	98.4	96.9	95.3	96.7	95.8	93.7	89.6	78.1	94.8	95.0	82.5	98.2	97.4	96.1

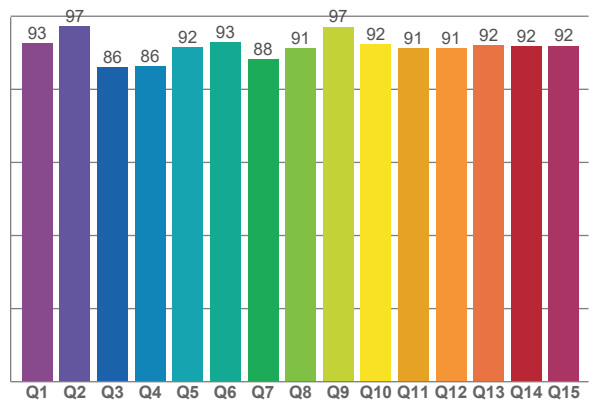
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
93.8	94.0	89.7	92.7	93.6	93.9	93.7	96.7	94.9	89.3	87.1	89.3	93.3	89.8	91.9	87.7

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
92.6	97.2	85.9	86.2	91.6	92.8	88.3	91.1	97.1	92.2	91.2	91.2	92.1	91.7	91.9

CQS: 90.9



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
2996 K	95.5	78.1	92.0	102.0	90.9	0.430	0.390	0.253	0.343	-0.0049

TM-30 Details

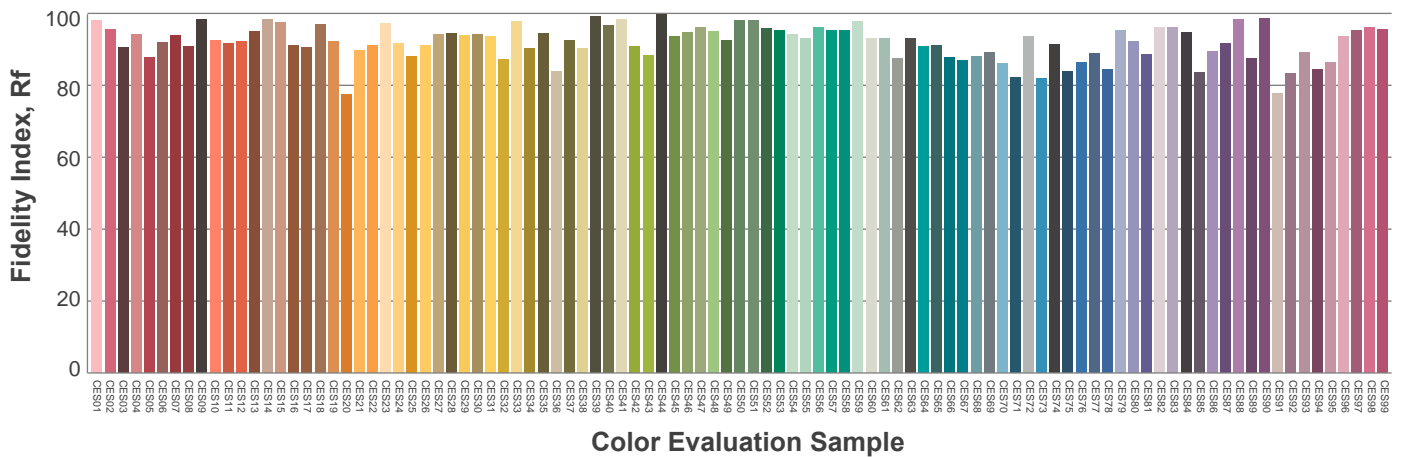
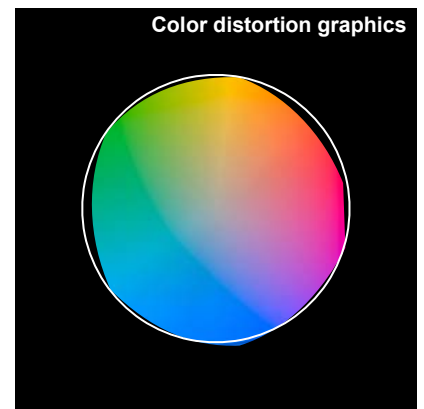
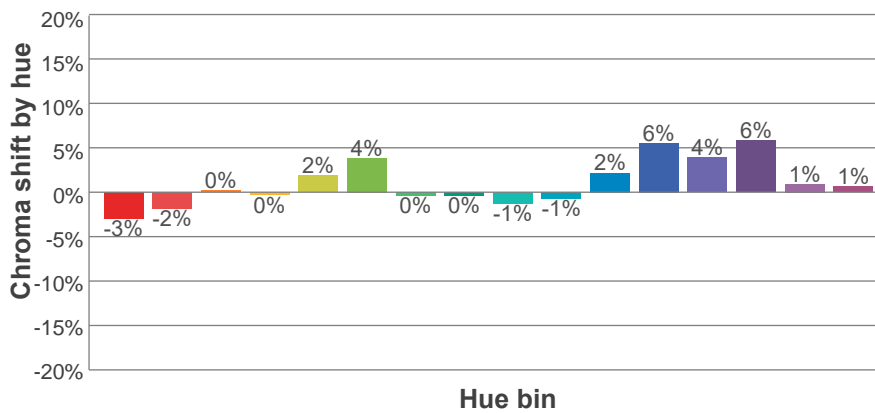
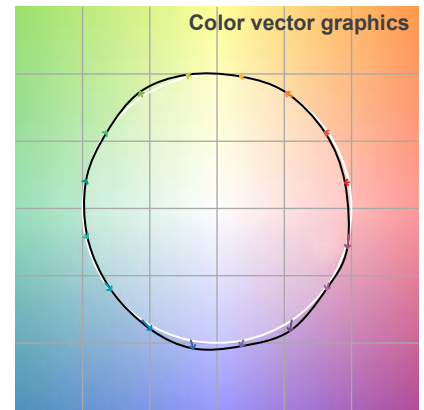
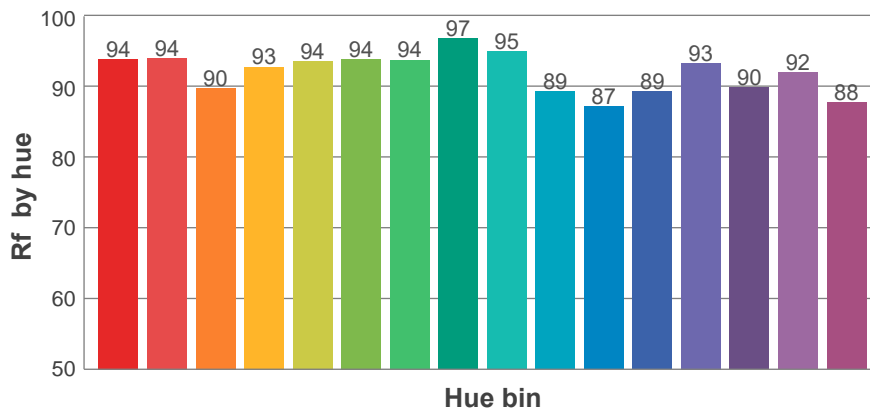
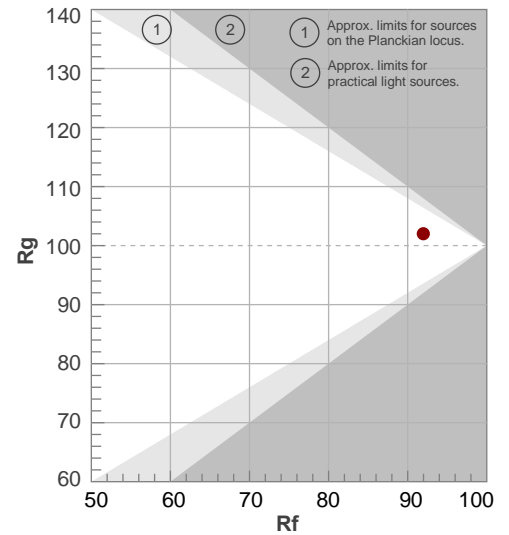
Rf 92.0

Fidelity index Rf

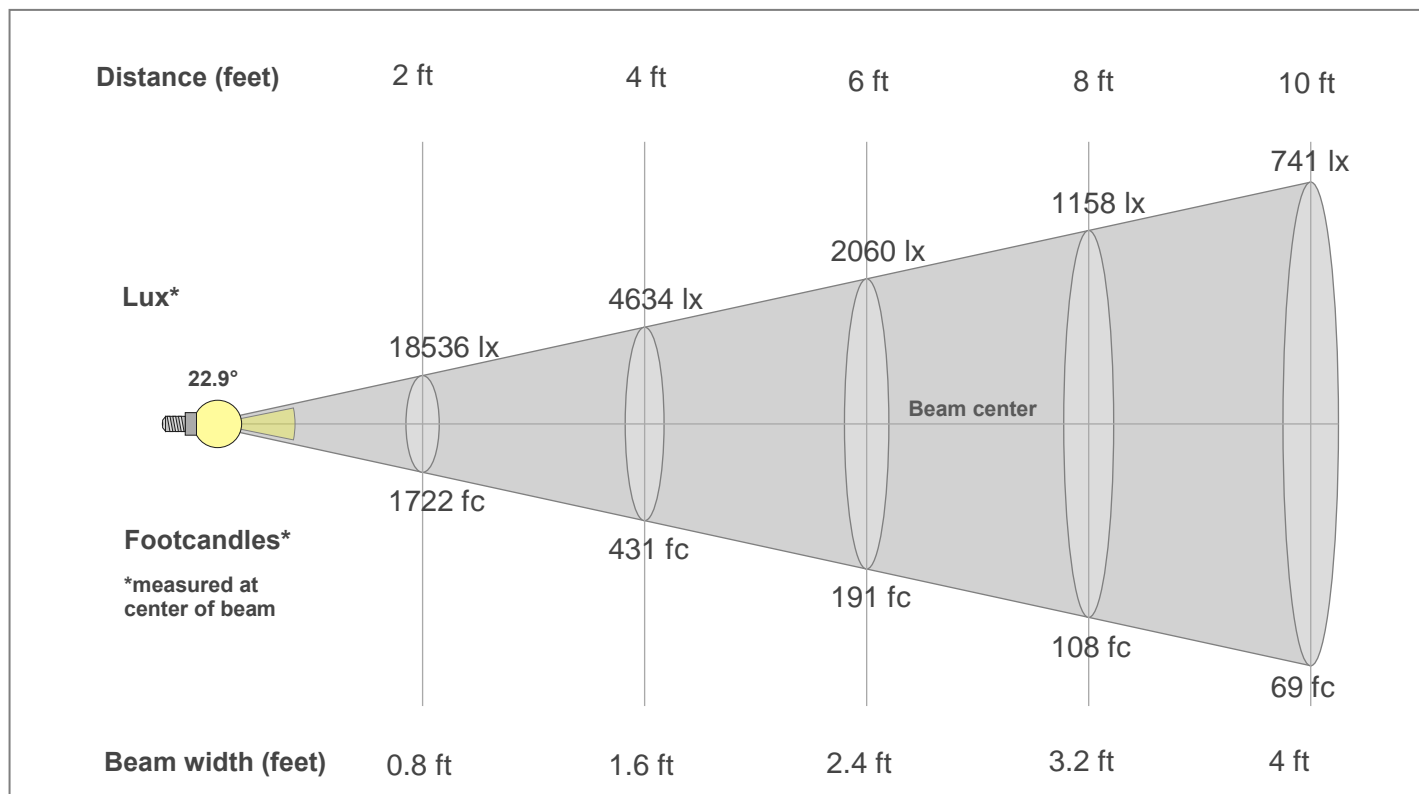
Rg 102.0

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	94	-3%	0%
2	94	-2%	3%
3	90	0%	5%
4	93	0%	2%
5	94	2%	3%
6	94	4%	0%
7	94	0%	-2%
8	97	0%	-2%
9	95	-1%	3%
10	89	-1%	7%
11	87	2%	9%
12	89	6%	3%
13	93	4%	-3%
14	90	6%	-6%
15	92	1%	-5%
16	88	1%	-10%



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
6888lx	1722lx	765lx	431lx	276lx	191lx	141lx	108lx	85lx	69lx	57lx	48lx	41lx	35lx	31lx	27lx	24lx	21lx	19lx	17lx
639.9fc	160fc	71.1fc	40fc	25.6fc	17.8fc	13.1fc	10fc	7.9fc	6.4fc	5.3fc	4.4fc	3.8fc	3.3fc	2.8fc	2.5fc	2.2fc	2fc	1.8fc	1.6fc

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°
6888	6889	6873	6771	6592	6355	6073	5738	5335	4859	4322	3724	3058	2367	1728	1210	840	609	462	359
100%	100%	100%	98%	96%	92%	88%	83%	77%	71%	63%	54%	44%	34%	25%	18%	12%	9%	7%	5%

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°
6888	6889	6873	6771	6592	6355	6073	5738	5335	4859	4322	3724	3058	2367	1728	1210	840	609	462	359
100%	100%	100%	98%	96%	92%	88%	83%	77%	71%	63%	54%	44%	34%	25%	18%	12%	9%	7%	5%

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°
6888	6889	6873	6771	6592	6355	6073	5738	5335	4859	4322	3724	3058	2367	1728	1210	840	609	462	359
100%	100%	100%	98%	96%	92%	88%	83%	77%	71%	63%	54%	44%	34%	25%	18%	12%	9%	7%	5%

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°
6888	6889	6873	6771	6592	6355	6073	5738	5335	4859	4322	3724	3058	2367	1728	1210	840	609	462	359
100%	100%	100%	98%	96%	92%	88%	83%	77%	71%	63%	54%	44%	34%	25%	18%	12%	9%	7%	5%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
22.9°	33.2°	44.7°	99.7%	99.5%