

## Photometric / Colorimetric / Electric Report

Fixture Model:

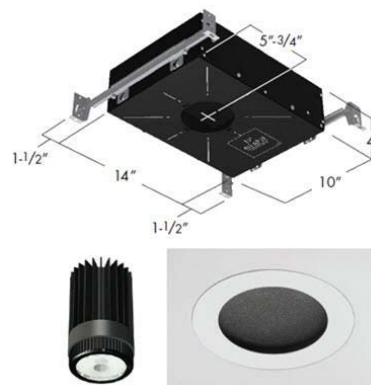
804S-J2S-WD-2-15-DIM1-8-350-FR-LG-P-1-WH-NL

Trim Model:

FR-LG-P-1-WH/NL

Date:

3/30/2022



Light efficiency:

59 Lumen/Watt

Light quality:

CRI: 96.4

Color temperature:

2887 K

CIE 1931:

x: 0.441  
y: 0.399

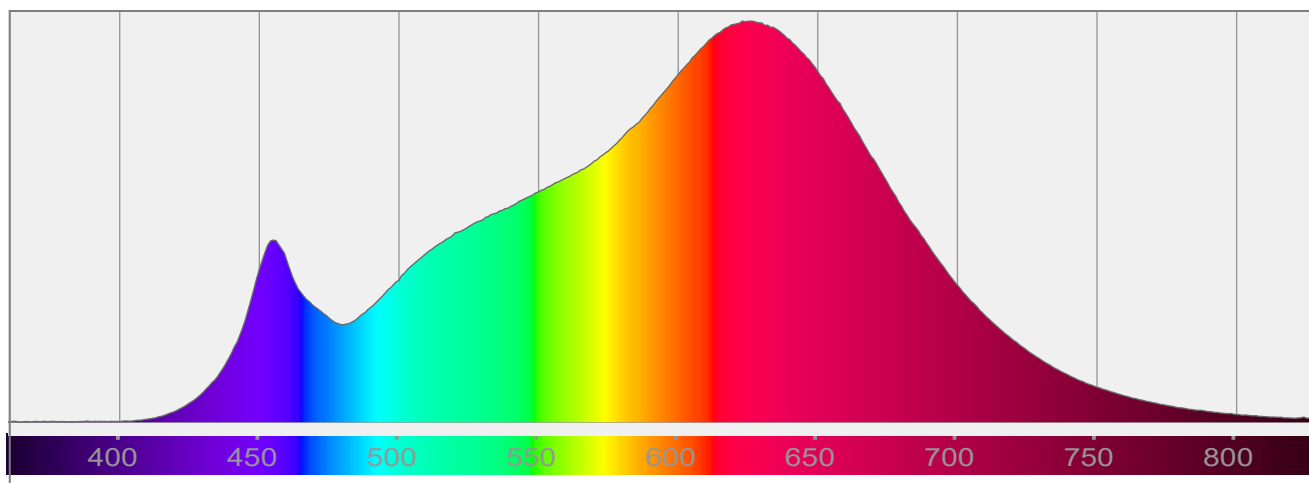
Output: 849 lm

Peak: 3596 cd

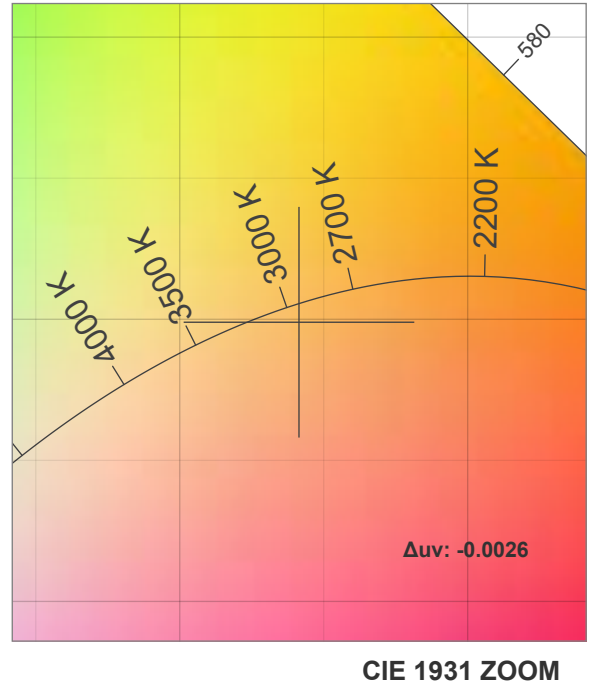
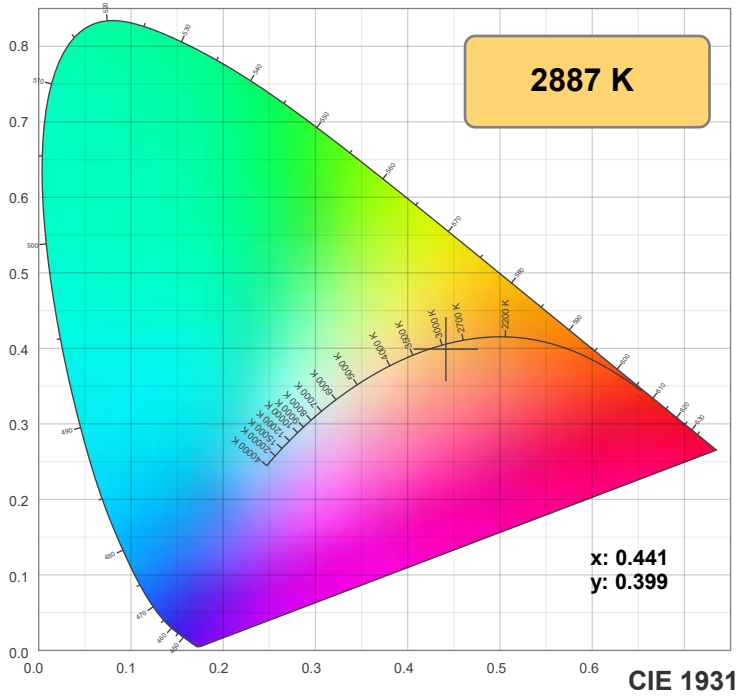
Power: 14.5 W

PF: 0.99

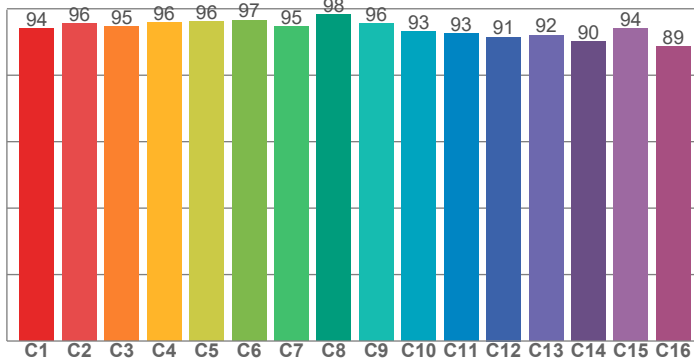
Spectra:



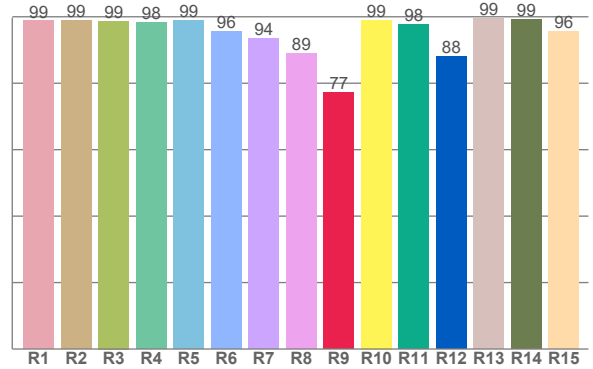
## Color Details



**TM-30: 94.1**



**CRI: 96.4 (R1-R8)**



**CRI R Values:**

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.7	98.9	98.7	98.2	98.9	95.6	93.5	89.0	77.3	99.0	97.6	88.0	99.4	99.2	95.7

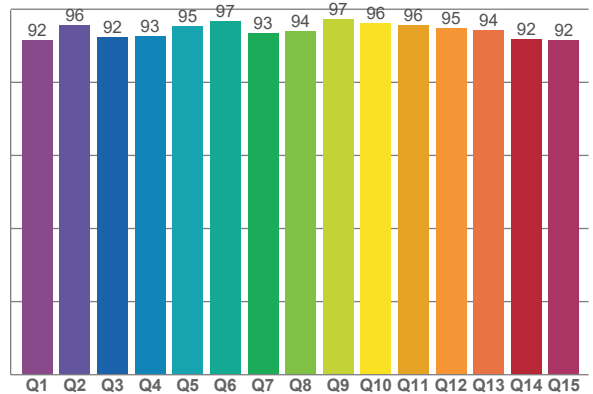
**TM30 C Values:**

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94.1	95.6	94.7	95.8	96.1	96.6	94.7	98.3	95.5	93.0	92.5	91.5	92.1	90.3	93.9	88.6

**CQS Q values:**

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
91.6	95.7	92.3	92.5	95.3	96.8	93.4	94.1	97.3	96.1	95.6	94.9	94.4	91.7	91.6

**CQS: 93.8**



**Color Parameters:**

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
2887 K	96.4	77.3	94.1	100.4	93.8	0.441	0.399	0.256	0.347	-0.0026

# TM-30 Details

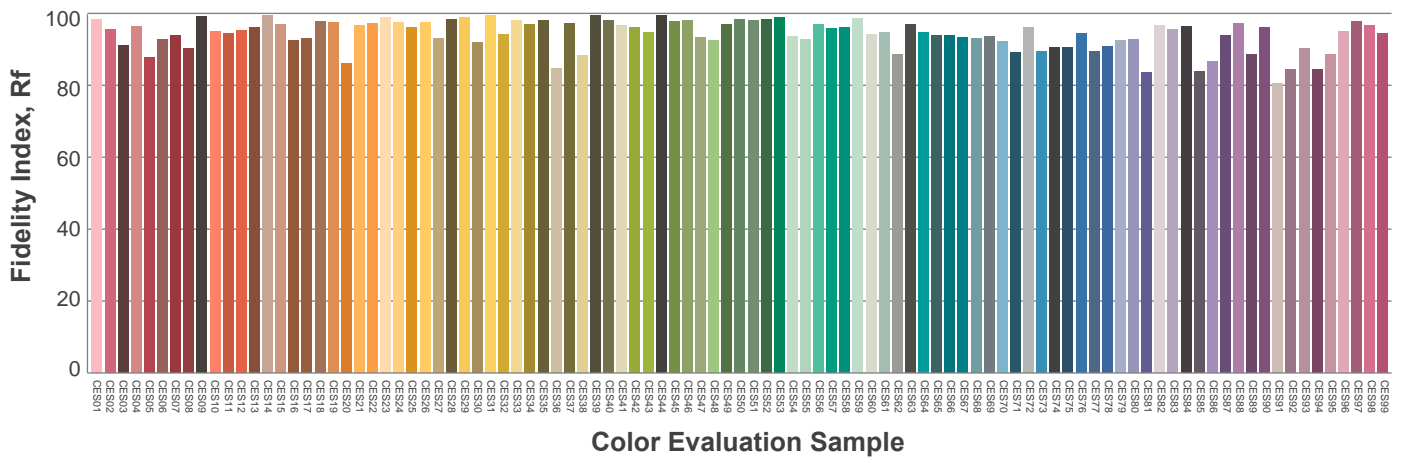
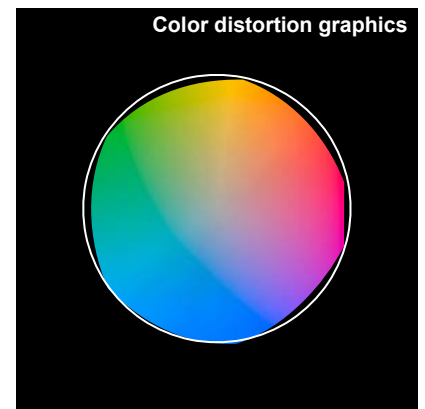
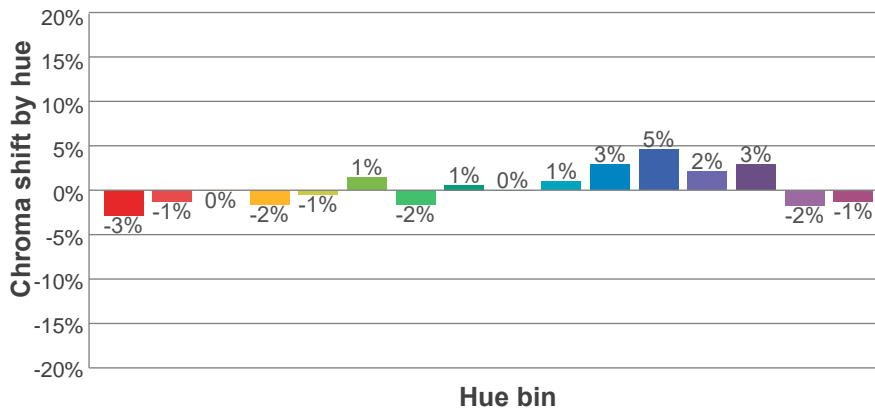
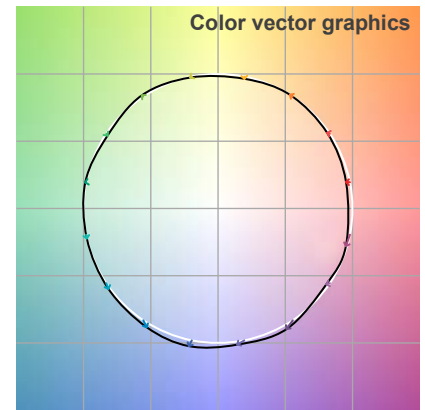
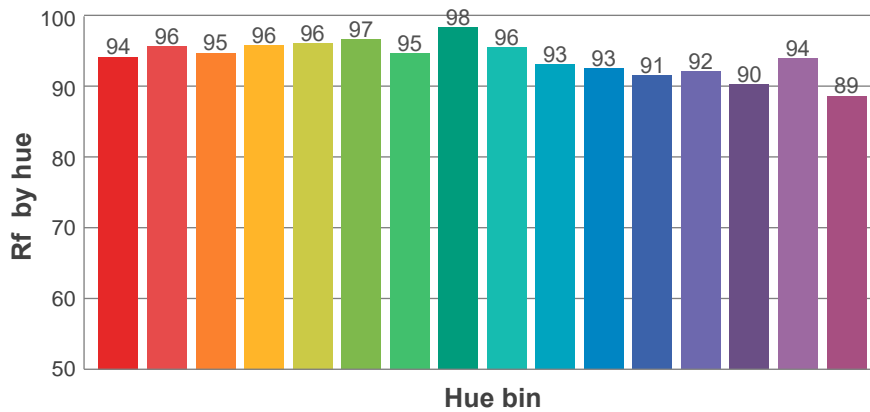
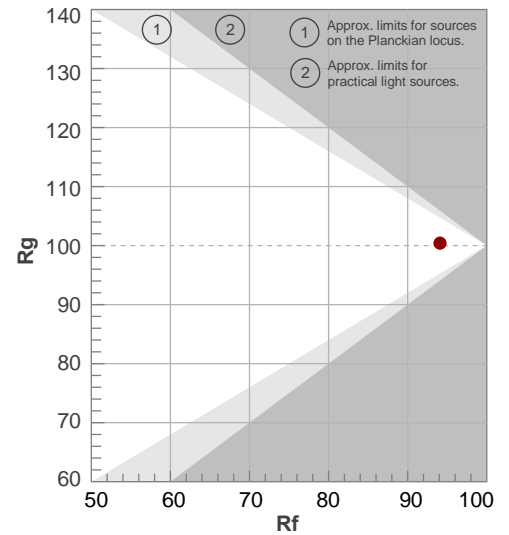
**Rf 94.1**

Fidelity index Rf

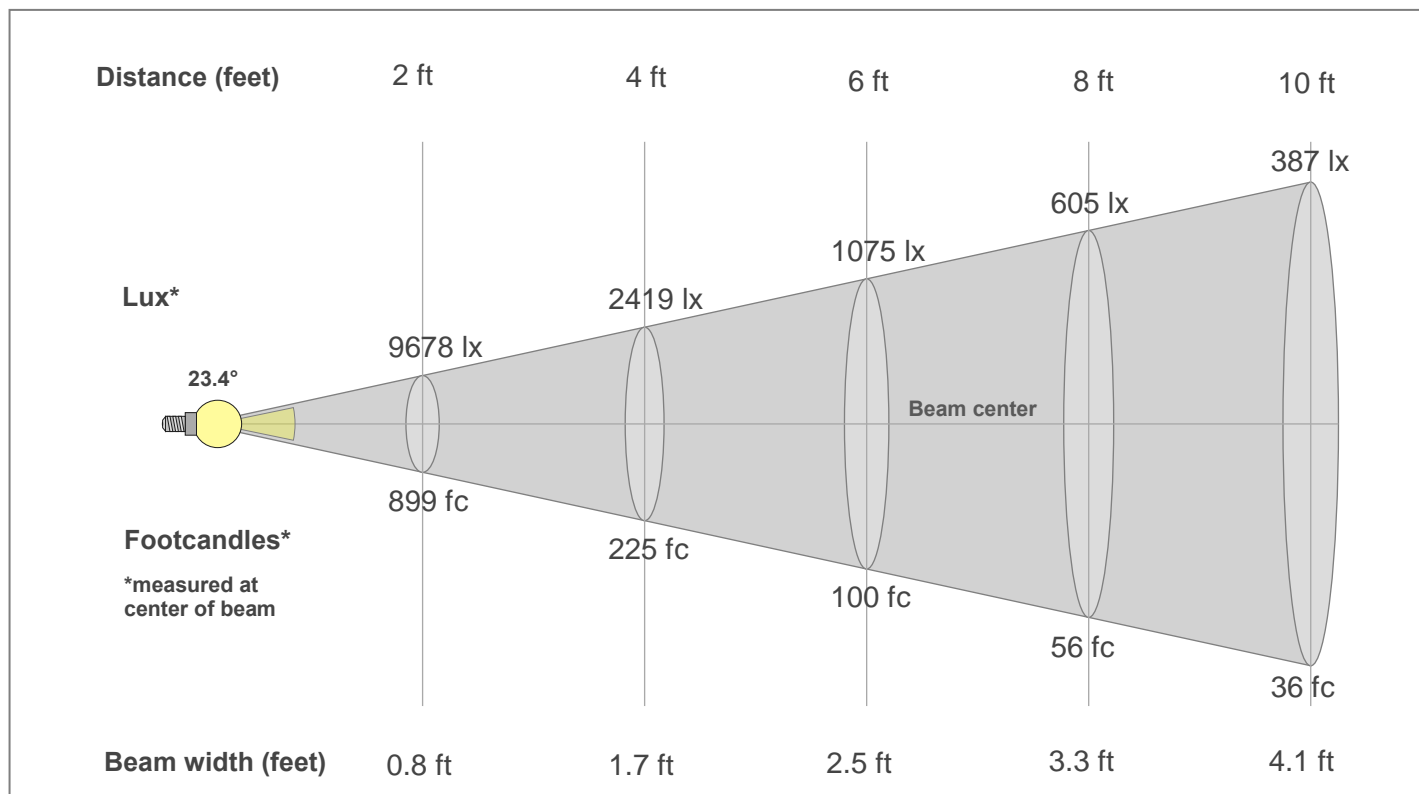
**Rg 100.4**

Gamut index Rg

Hue Bin	R <sub>f</sub>	Shifts (%)	
		Chroma	Hue
1	94	-3%	1%
2	96	-1%	2%
3	95	0%	2%
4	96	-2%	0%
5	96	-1%	1%
6	97	1%	0%
7	95	-2%	1%
8	98	1%	0%
9	96	0%	3%
10	93	1%	4%
11	93	3%	5%
12	91	5%	-1%
13	92	2%	-6%
14	90	3%	-7%
15	94	-2%	-2%
16	89	-1%	-9%



## 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
3596lx	899lx	400lx	225lx	144lx	100lx	73lx	56lx	44lx	36lx	30lx	25lx	21lx	18lx	16lx	14lx	12lx	11lx	10lx	9lx
334.1fc	83.5fc	37.1fc	20.9fc	13.4fc	9.3fc	6.8fc	5.2fc	4.1fc	3.3fc	2.8fc	2.3fc	2fc	1.7fc	1.5fc	1.3fc	1.2fc	1fc	0.9fc	0.8fc

### 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°
3596	3545	3363	3054	2645	2180	1732	1343	1039	808	633	496	388	304	239	190	150	116	84	59
100%	99%	94%	85%	74%	61%	48%	37%	29%	22%	18%	14%	11%	8%	7%	5%	4%	3%	2%	2%

### 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°
3596	3545	3363	3054	2645	2180	1732	1343	1039	808	633	496	388	304	239	190	150	116	84	59
100%	99%	94%	85%	74%	61%	48%	37%	29%	22%	18%	14%	11%	8%	7%	5%	4%	3%	2%	2%

### 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°
3596	3545	3363	3054	2645	2180	1732	1343	1039	808	633	496	388	304	239	190	150	116	84	59
100%	99%	94%	85%	74%	61%	48%	37%	29%	22%	18%	14%	11%	8%	7%	5%	4%	3%	2%	2%

### 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°
3596	3545	3363	3054	2645	2180	1732	1343	1039	808	633	496	388	304	239	190	150	116	84	59
100%	99%	94%	85%	74%	61%	48%	37%	29%	22%	18%	14%	11%	8%	7%	5%	4%	3%	2%	2%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
23.4°	49.2°	71.3°	99.5%	99.0%