

## Photometric / Colorimetric / Electric Report

Fixture Model:

**400-WD-2-25-DIM1-4-350-FLR-4-WH**

Trim Model:

**FLR-4-WH**

Date:

**3/31/2022**



Light efficiency:

**48 Lumen/Watt**

Light quality:

**CRI: 96.9**

Color temperature:

**2896 K**

CIE 1931:

**x: 0.442  
y: 0.401**

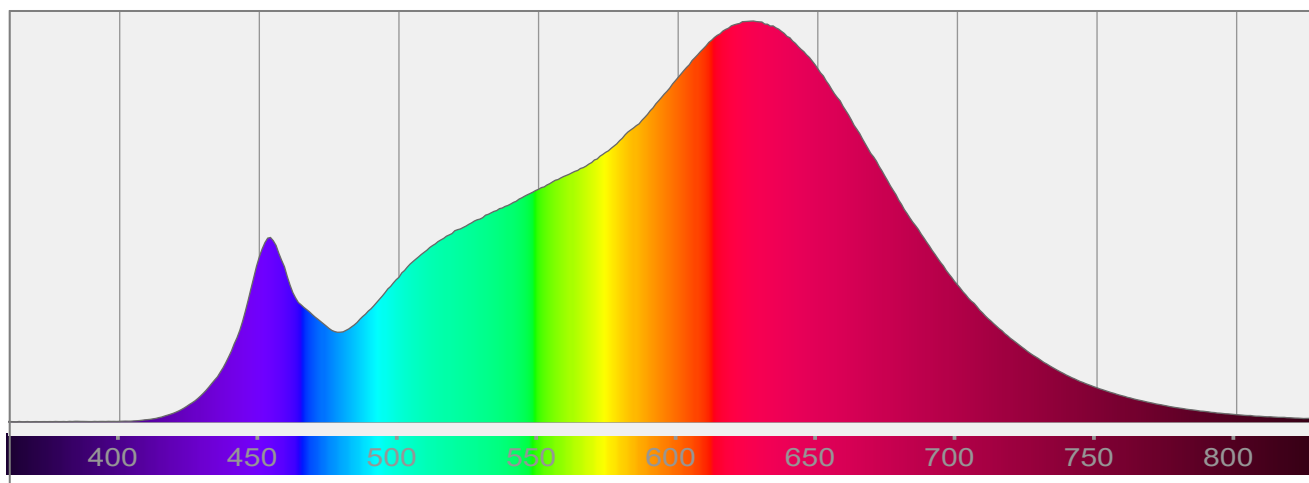
**Output: 700 lm**

**Peak: 2462 cd**

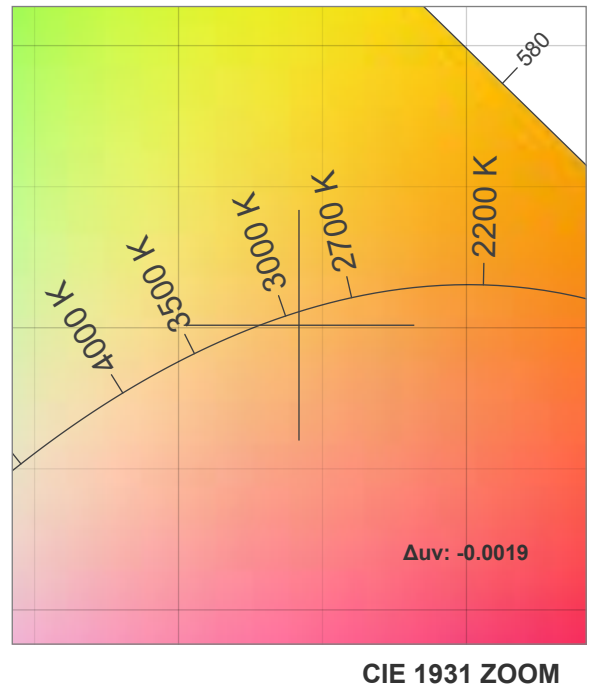
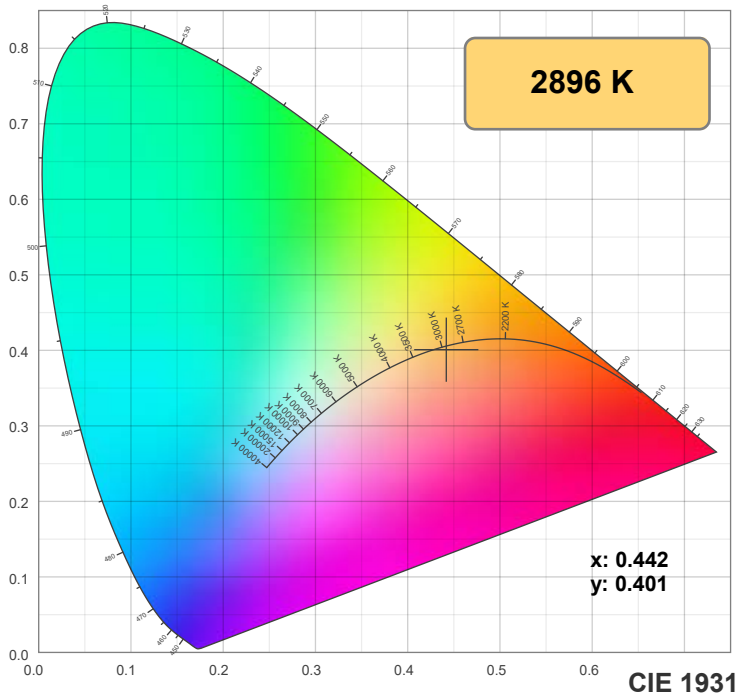
**Power: 14.6 W**

**PF: 1.0**

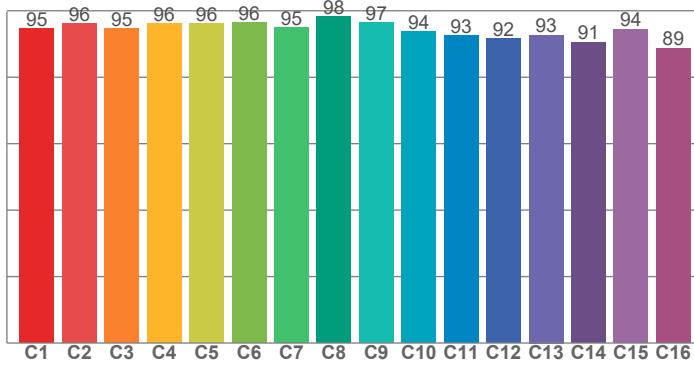
Spectra:



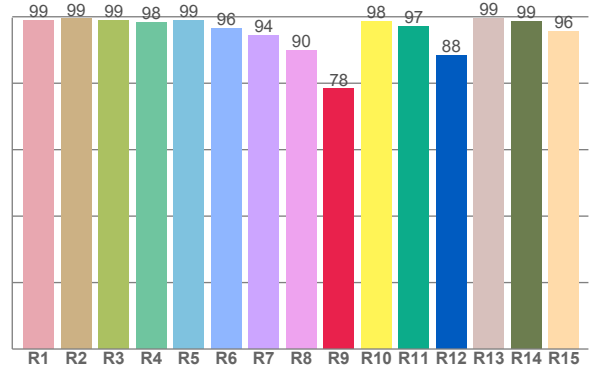
## Color Details



**TM-30: 94.4**



**CRI: 96.9 (R1-R8)**



**CRI R Values:**

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.8	99.3	98.9	98.4	98.9	96.5	94.4	89.9	78.3	98.5	97.1	88.3	99.5	98.6	95.7

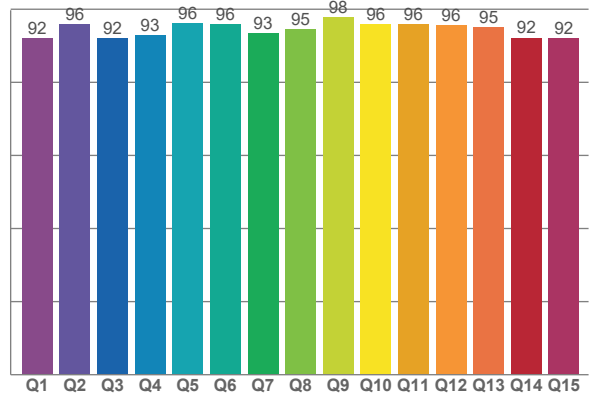
**TM30 C Values:**

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94.7	96.1	94.7	96.1	96.1	96.4	95.0	98.2	96.5	93.8	92.6	91.6	92.7	90.6	94.5	88.8

**CQS Q values:**

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
92.0	96.0	92.1	93.0	96.1	95.9	93.4	94.6	97.7	96.0	96.0	95.5	95.1	92.2	92.0

**CQS: 94.1**



**Color Parameters:**

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
2896 K	96.9	78.3	94.4	100.7	94.1	0.442	0.401	0.255	0.347	-0.0019

# TM-30 Details

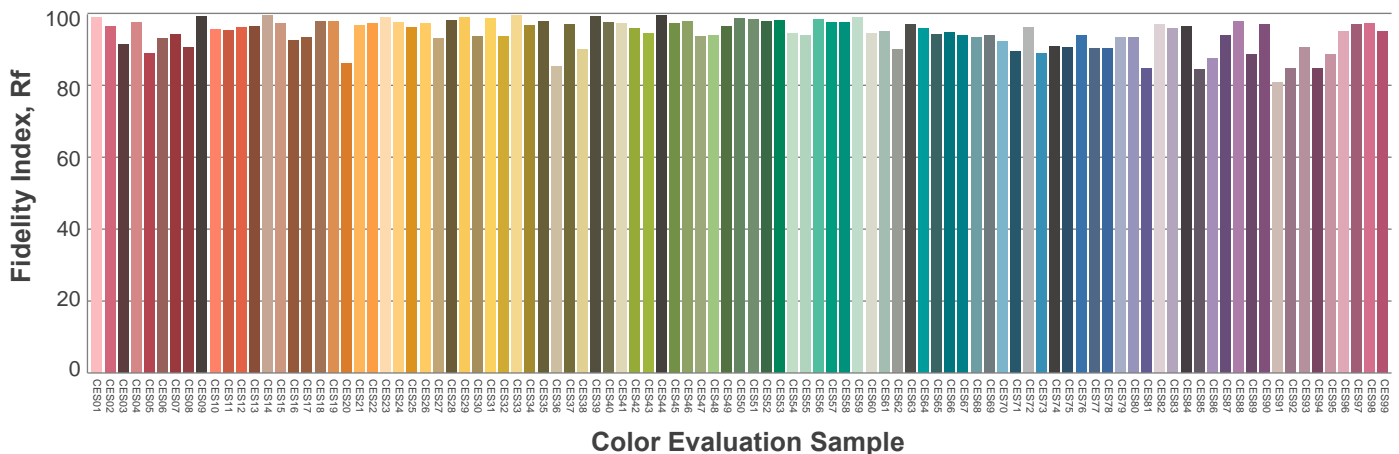
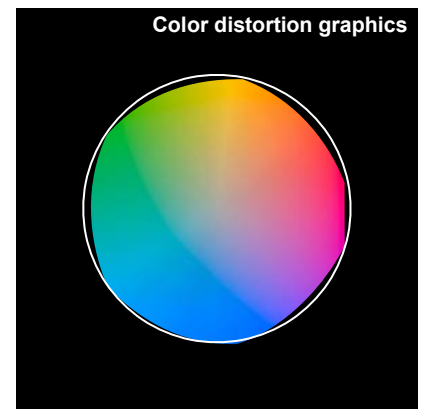
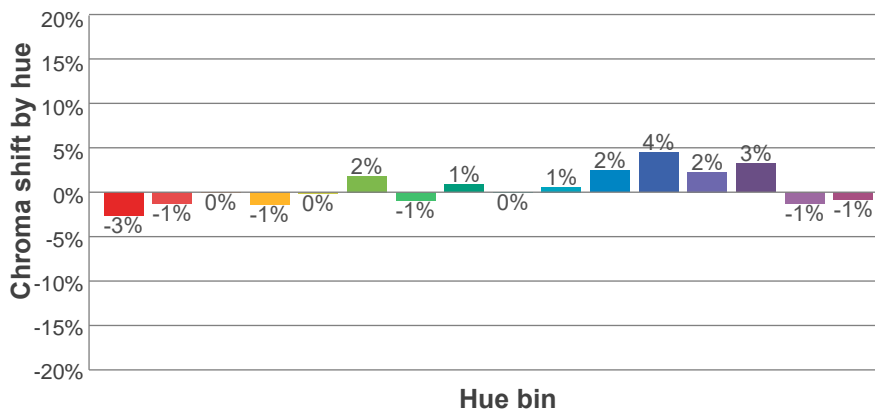
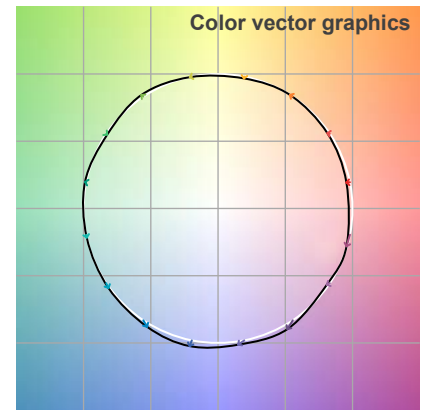
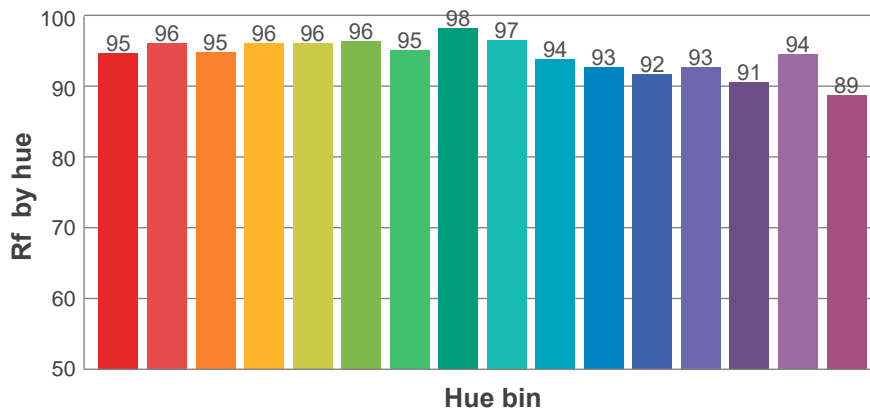
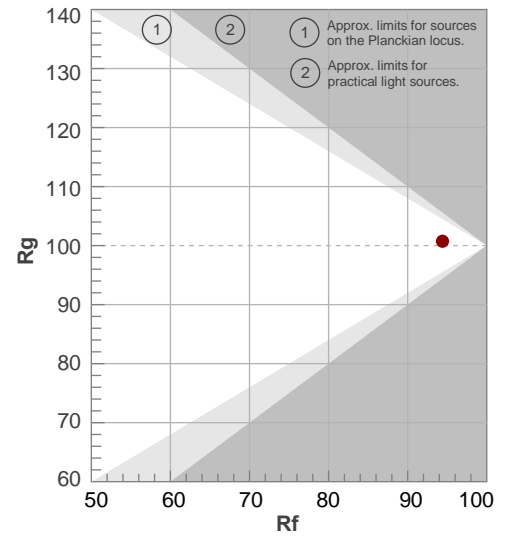
**Rf 94.4**

Fidelity index Rf

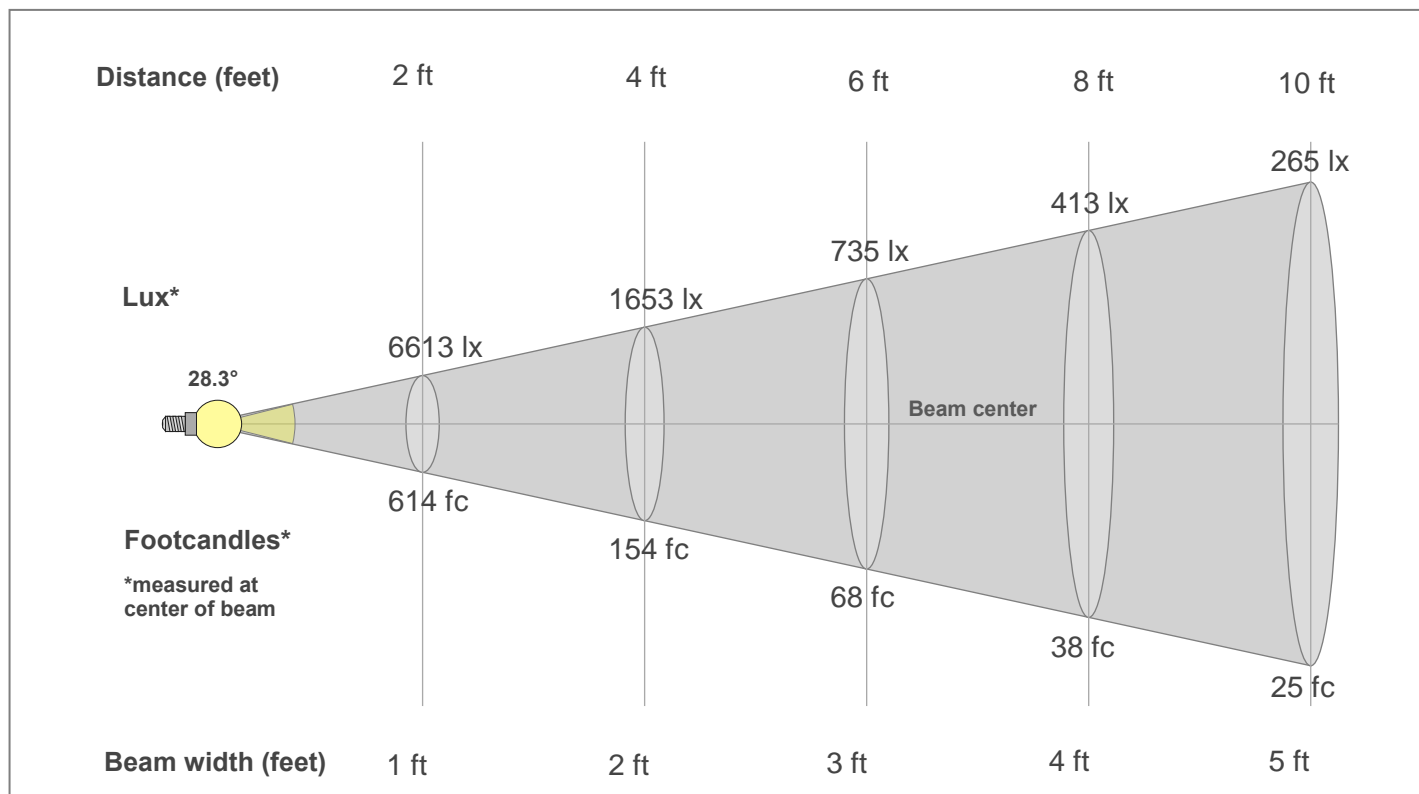
**Rg 100.7**

Gamut index Rg

Hue Bin	R <sub>f</sub>	Shifts (%)	
		Chroma	Hue
1	95	-3%	0%
2	96	-1%	1%
3	95	0%	2%
4	96	-1%	0%
5	96	0%	2%
6	96	2%	1%
7	95	-1%	0%
8	98	1%	0%
9	97	0%	2%
10	94	1%	4%
11	93	2%	5%
12	92	4%	-1%
13	93	2%	-5%
14	91	3%	-7%
15	94	-1%	-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
2457lx	614lx	273lx	154lx	98lx	68lx	50lx	38lx	30lx	25lx	20lx	17lx	15lx	13lx	11lx	10lx	9lx	8lx	7lx	6lx
228.3fc	57.1fc	25.4fc	14.3fc	9.1fc	6.3fc	4.7fc	3.6fc	2.8fc	2.3fc	1.9fc	1.6fc	1.4fc	1.2fc	1fc	0.9fc	0.8fc	0.7fc	0.6fc	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°
2457	2426	2320	2159	1962	1737	1499	1250	1015	801	623	473	365	279	208	144	93	56	32	19
100%	99%	94%	88%	80%	71%	61%	51%	41%	33%	25%	19%	15%	11%	8%	6%	4%	2%	1%	1%

### 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°
2457	2423	2317	2156	1958	1731	1496	1245	1010	799	622	477	371	286	215	150	97	58	33	19
100%	99%	94%	88%	80%	70%	61%	51%	41%	33%	25%	19%	15%	12%	9%	6%	4%	2%	1%	1%

### 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°
2457	2426	2320	2159	1962	1737	1499	1250	1015	801	623	473	365	279	208	144	93	56	32	19
100%	99%	94%	88%	80%	71%	61%	51%	41%	33%	25%	19%	15%	11%	8%	6%	4%	2%	1%	1%

### 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°
2457	2423	2317	2156	1958	1731	1496	1245	1010	799	622	477	371	286	215	150	97	58	33	19
100%	99%	94%	88%	80%	70%	61%	51%	41%	33%	25%	19%	15%	12%	9%	6%	4%	2%	1%	1%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
28.3°	54°	67.4°	99.4%	99.1%