

Photometric / Colorimetric / Electric Report

Fixture Model:

805-J5-HI-3-10-PR1-8.5-350-FS-P-1-WH

Trim Model:

FS-P-1-WH

Date:

1/13/2025



Light efficiency:

64 Lumen/Watt

Light quality:

CRI: 95.0

Color temperature:

3050 K

CIE 1931:

**x: 0.430
y: 0.395**

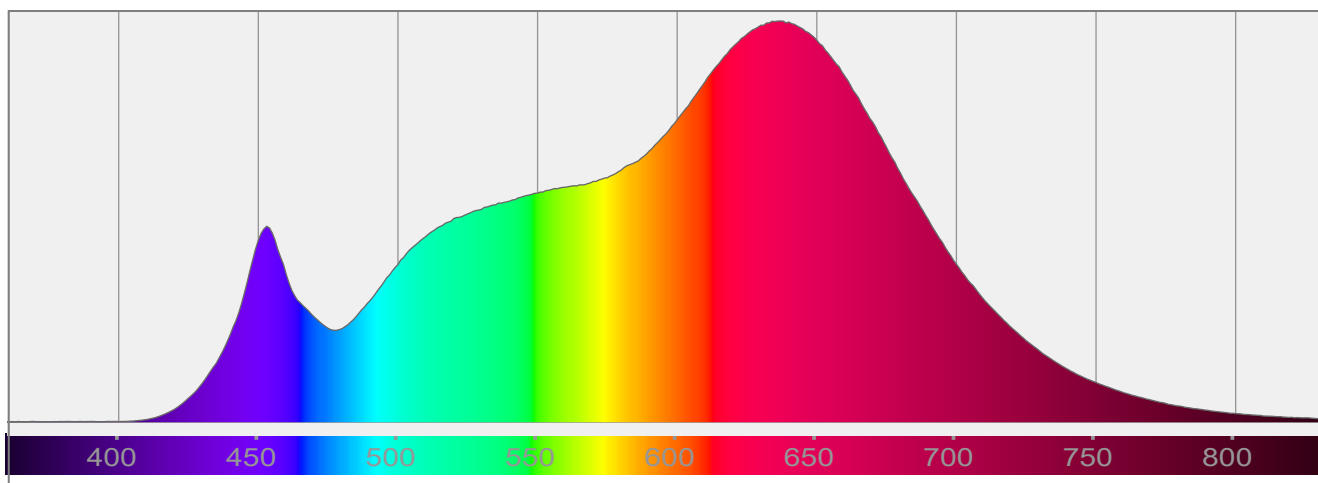
Output: 928 lm

Peak: 12432 cd

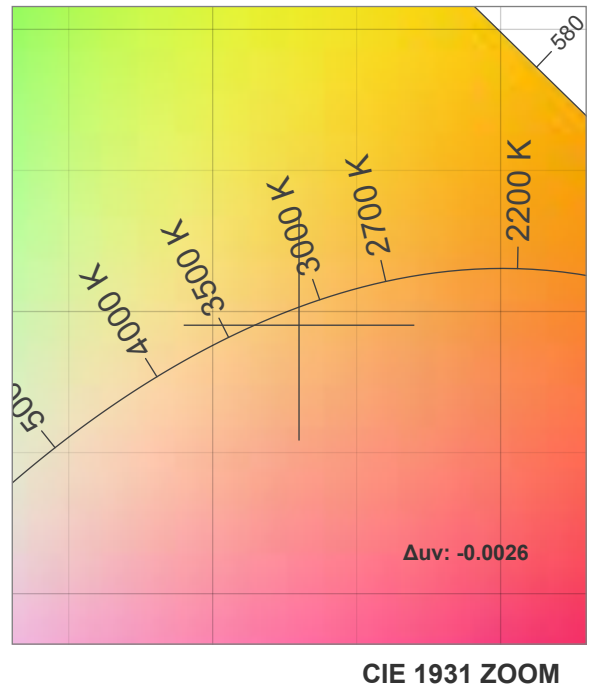
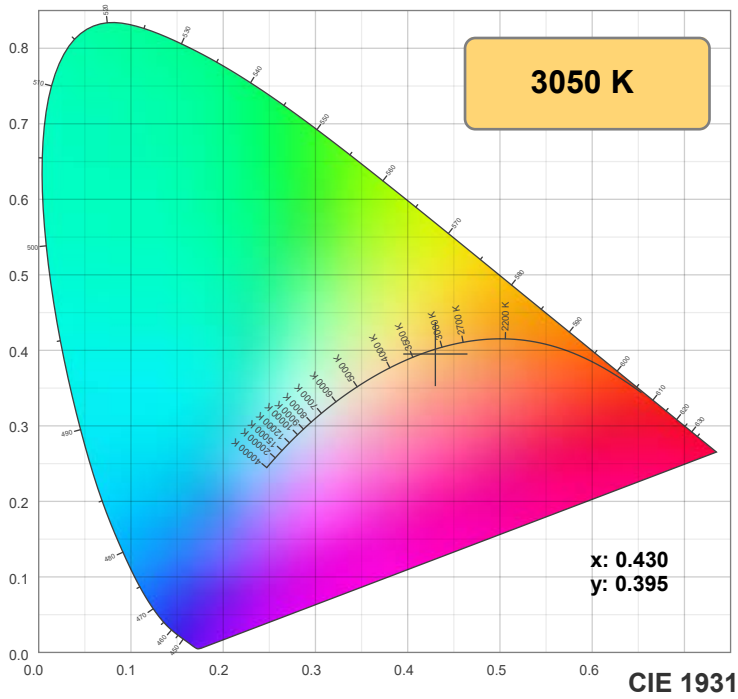
Power: 14.6 W

PF: 0.99

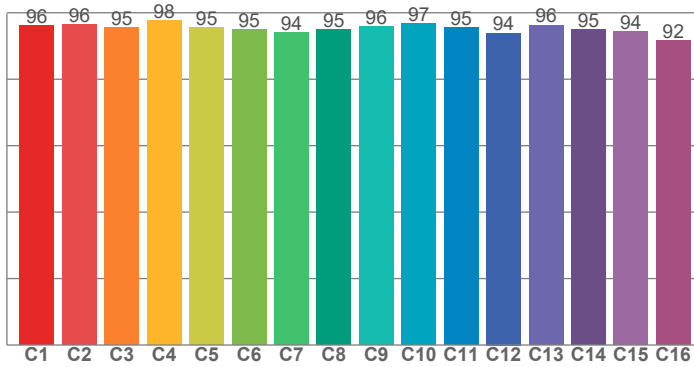
Spectra:



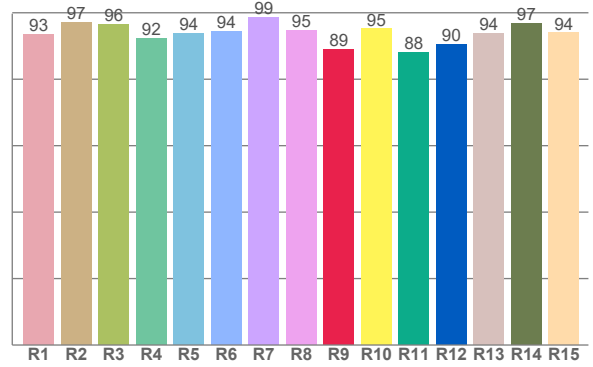
Color Details



TM-30: 95.5



CRI: 95.0 (R1-R8)



CRI R Values:

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93.4	97.1	96.3	92.2	93.6	94.5	98.6	94.6	89.0	95.1	88.0	90.5	93.8	96.8	93.9

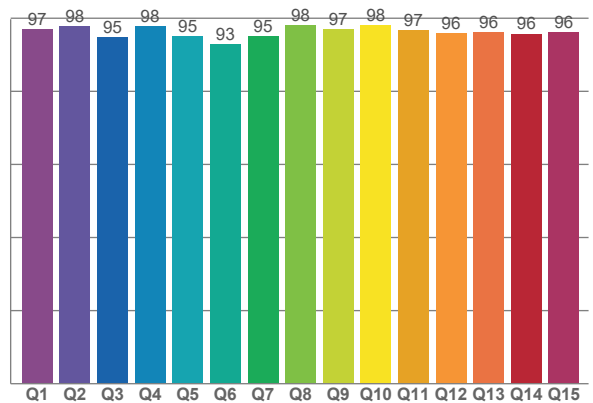
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96.2	96.4	95.5	97.6	95.4	95.0	94.1	94.9	95.8	96.7	95.4	93.9	96.3	95.0	94.3	91.7

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
97.0	97.8	94.8	97.8	95.1	92.9	95.0	98.1	97.0	98.1	96.7	95.8	96.2	95.7	96.2

CQS: 95.9



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3050 K	95.0	89.0	95.5	103.7	95.9	0.430	0.395	0.250	0.345	-0.0026

TM-30 Details

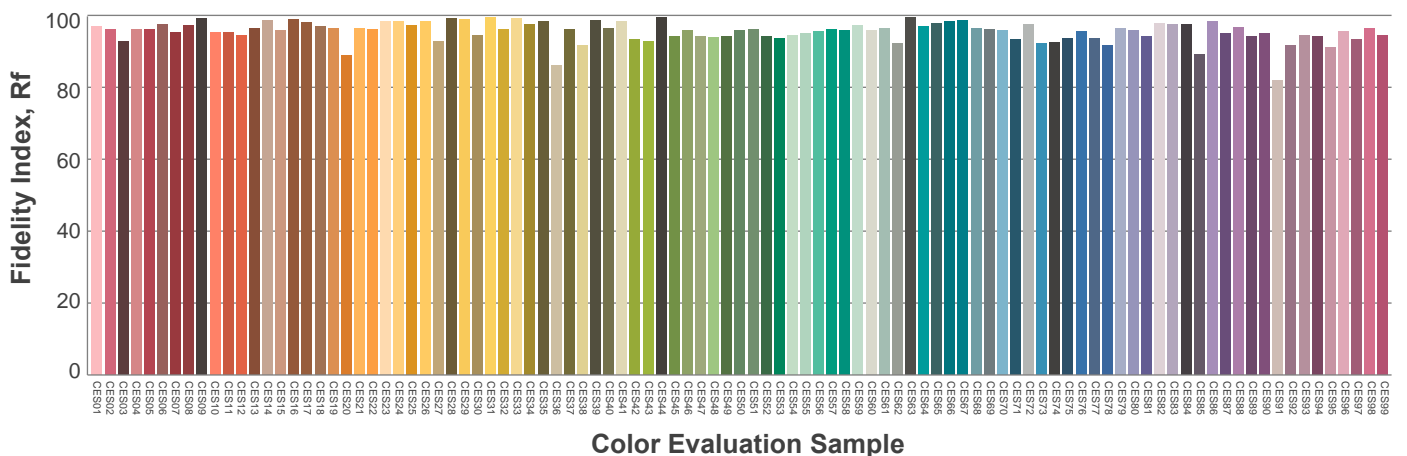
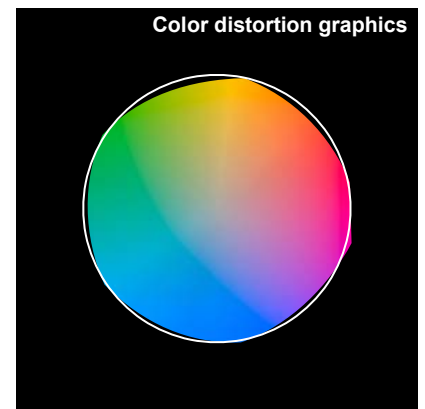
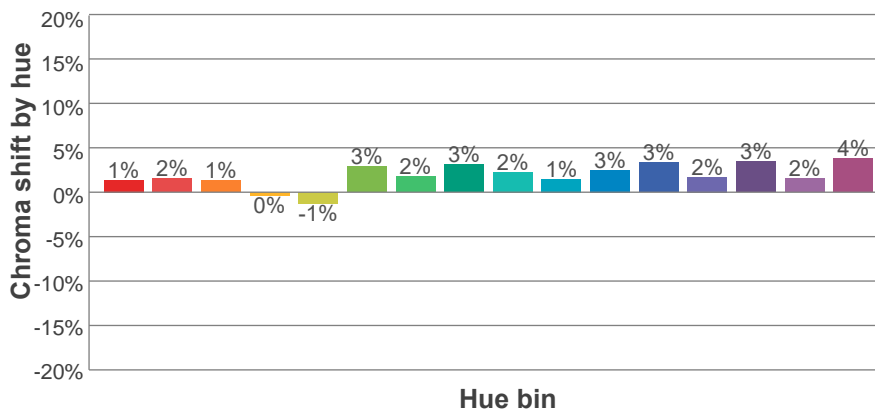
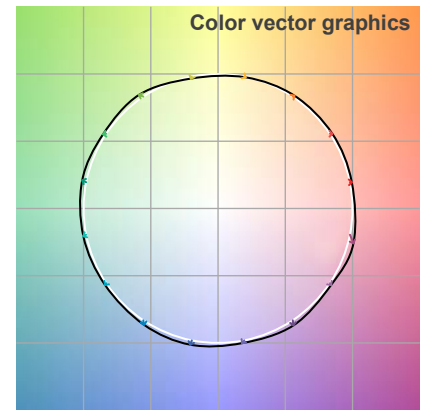
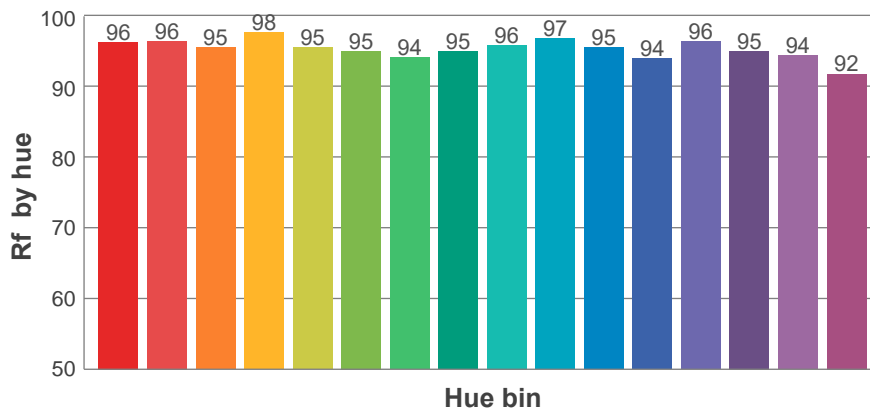
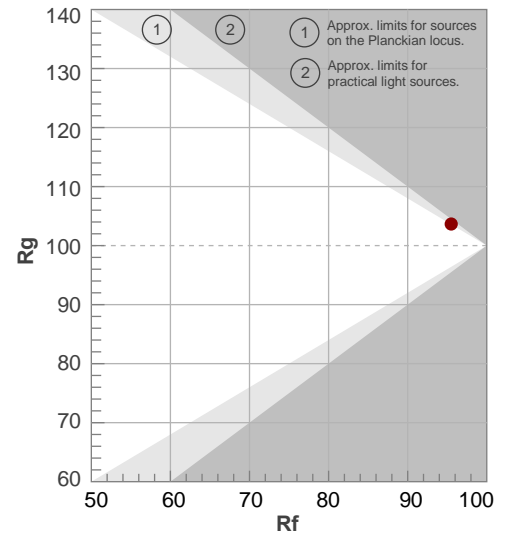
Rf 95.5

Fidelity index Rf

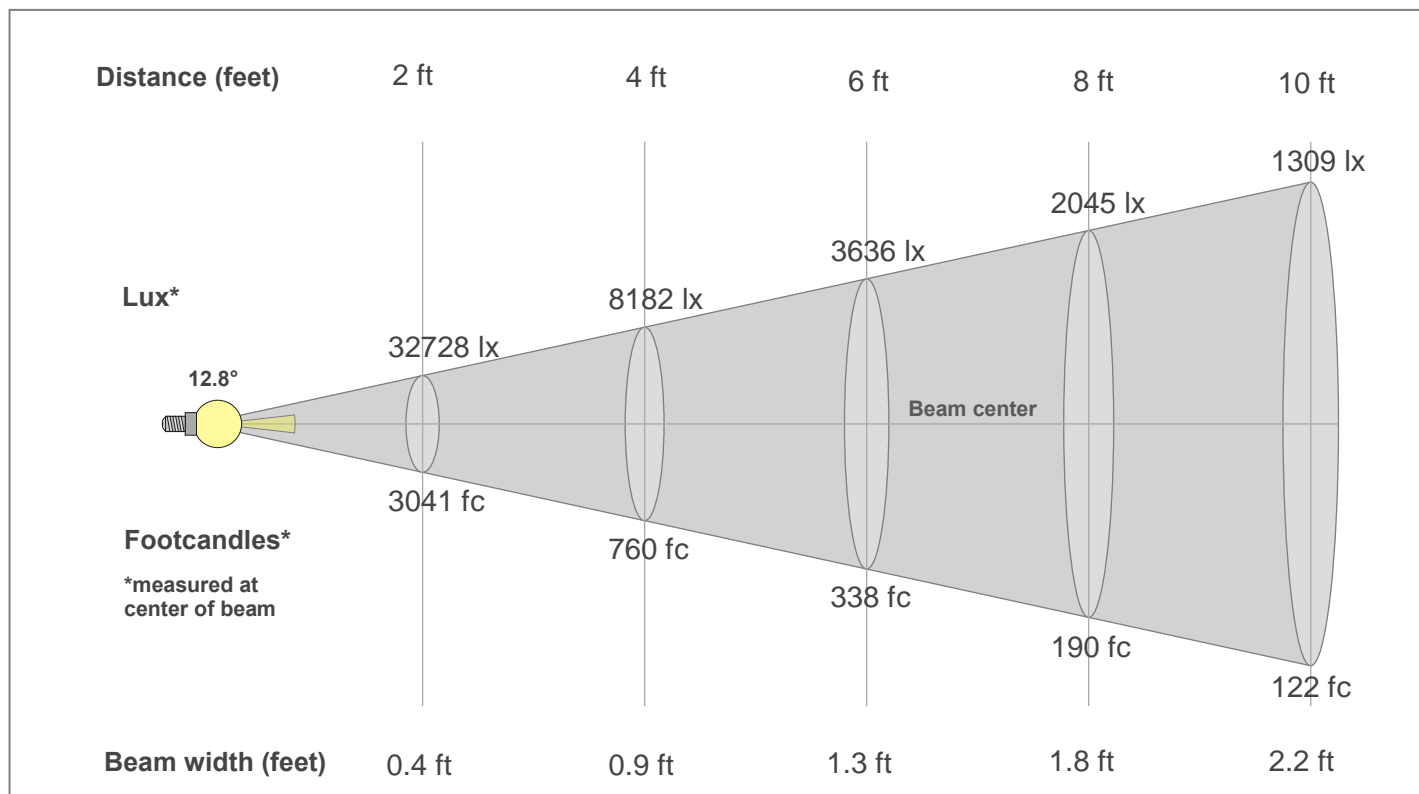
Rg 103.7

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	96	1%	0%
2	96	2%	-1%
3	95	1%	-1%
4	98	0%	-1%
5	95	-1%	1%
6	95	3%	2%
7	94	2%	2%
8	95	3%	-1%
9	96	2%	1%
10	97	1%	1%
11	95	3%	2%
12	94	3%	0%
13	96	2%	-2%
14	95	3%	-2%
15	94	2%	-1%
16	92	4%	-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
12162lx	3041lx	1351lx	760lx	486lx	338lx	248lx	190lx	150lx	122lx	101lx	84lx	72lx	62lx	54lx	48lx	42lx	38lx	34lx	30lx
1129.9fc	282.5fc	125.5fc	70.6fc	45.2fc	31.4fc	23.1fc	17.7fc	13.9fc	11.3fc	9.3fc	7.8fc	6.7fc	5.8fc	5fc	4.4fc	3.9fc	3.5fc	3.1fc	2.8fc

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°
12.2K	12.4K	12.2K	11.3K	10.0K	8.4K	6.8K	5.3K	4.1K	3.1K	2.4K	1.9K	1.5K	1.2K	1.0K	0.9K	0.7K	0.6K	0.5K	0.4K
100%	102%	100%	93%	82%	69%	56%	44%	34%	26%	20%	15%	12%	10%	9%	7%	6%	5%	4%	3%

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°
12.2K	12.4K	12.2K	11.3K	9.9K	8.4K	6.8K	5.3K	4.1K	3.1K	2.4K	1.9K	1.5K	1.3K	1.1K	0.9K	0.7K	0.6K	0.5K	0.4K
100%	102%	100%	93%	82%	69%	56%	44%	34%	26%	20%	16%	13%	10%	9%	7%	6%	5%	4%	3%

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°
12.2K	12.4K	12.2K	11.3K	10.0K	8.4K	6.8K	5.3K	4.1K	3.1K	2.4K	1.9K	1.5K	1.2K	1.0K	0.9K	0.7K	0.6K	0.5K	0.4K
100%	102%	100%	93%	82%	69%	56%	44%	34%	26%	20%	15%	12%	10%	9%	7%	6%	5%	4%	3%

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°
12.2K	12.4K	12.2K	11.3K	9.9K	8.4K	6.8K	5.3K	4.1K	3.1K	2.4K	1.9K	1.5K	1.3K	1.1K	0.9K	0.7K	0.6K	0.5K	0.4K
100%	102%	100%	93%	82%	69%	56%	44%	34%	26%	20%	16%	13%	10%	9%	7%	6%	5%	4%	3%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
12.8°	26.1°	41°	99.3%	99.0%