

Photometric / Colorimetric / Electric Report

Fixture Model:

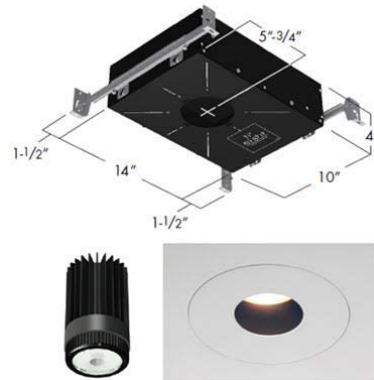
804S-K2S-WD-4-25-PR1-8-350-FR-P-1-WH

Trim Model:

FR-P-1-WH

Date:

8/6/2024



Light efficiency:

53 Lumen/Watt

Light quality:

CRI: 96.7

Color temperature:

3003 K

CIE 1931:

**x: 0.435
y: 0.400**

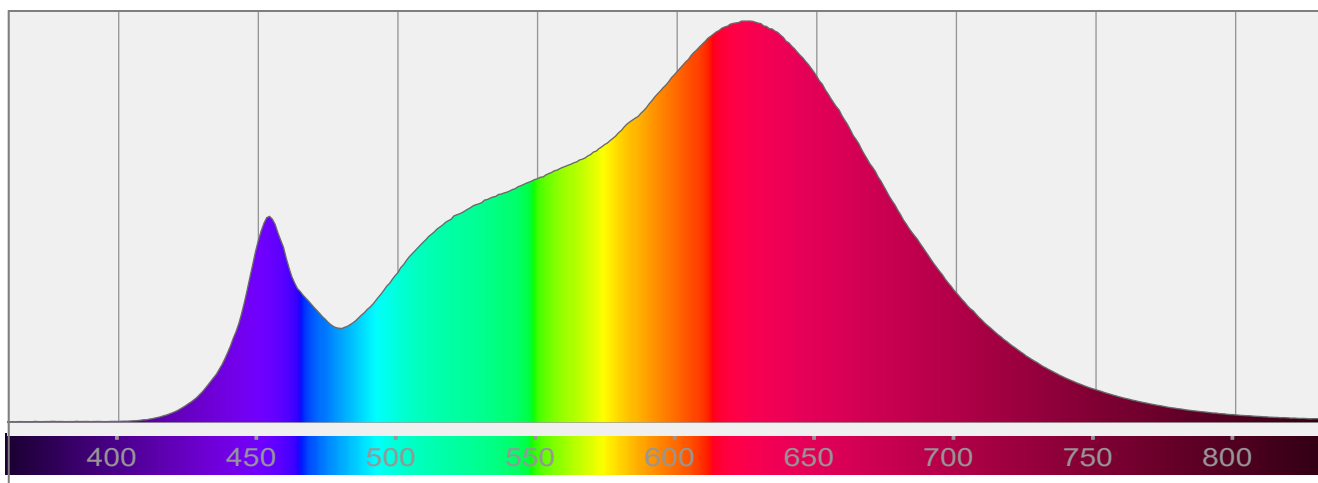
Output: 775 lm

Peak: 2670 cd

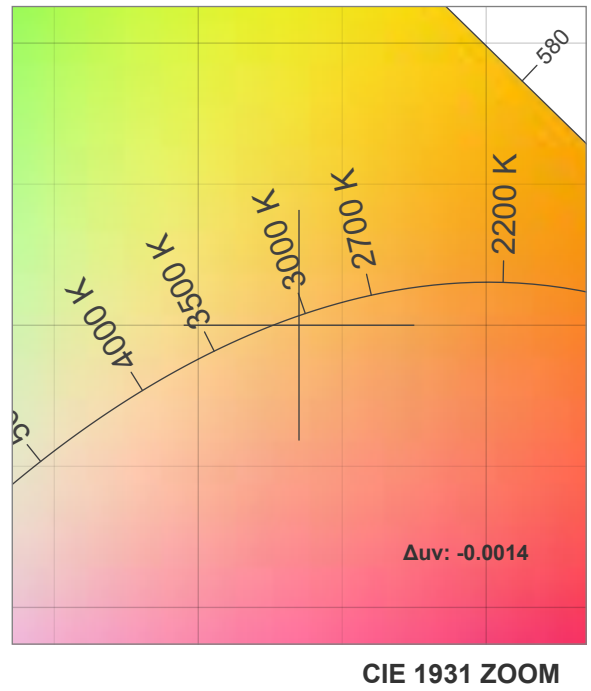
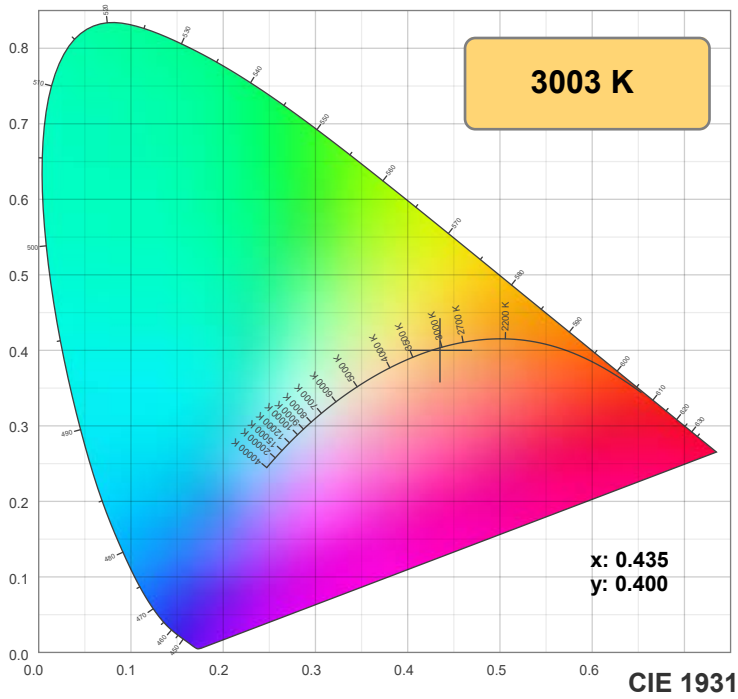
Power: 14.6 W

PF: 0.99

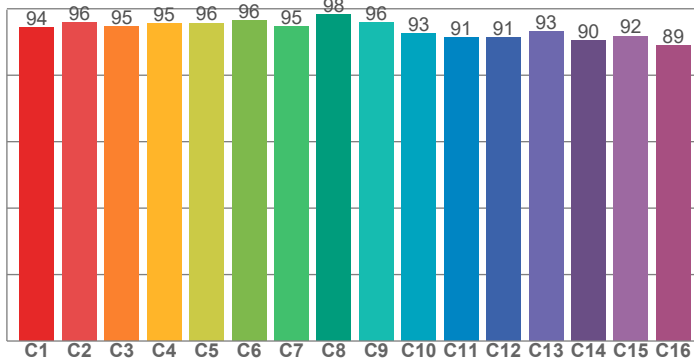
Spectra:



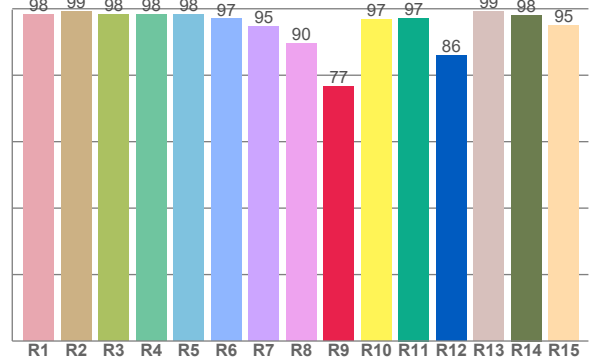
Color Details



TM-30: 94.0



CRI: 96.7 (R1-R8)



CRI R Values:

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.4	99.1	98.3	98.2	98.2	96.9	94.7	89.6	76.6	96.9	97.2	85.9	99.1	98.1	95.1

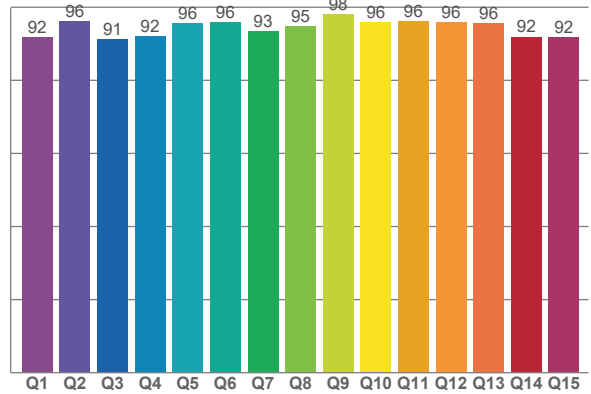
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94.3	95.8	94.5	95.5	95.7	96.4	94.7	98.3	95.9	92.6	91.4	91.4	93.0	90.5	91.8	88.8

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
91.8	96.3	91.3	92.1	95.5	96.0	93.4	94.9	98.2	95.8	96.1	95.9	95.6	91.9	91.8

CQS: 93.9



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3003 K	96.7	76.6	94.0	100.6	93.9	0.435	0.400	0.251	0.346	-0.0014

TM-30 Details

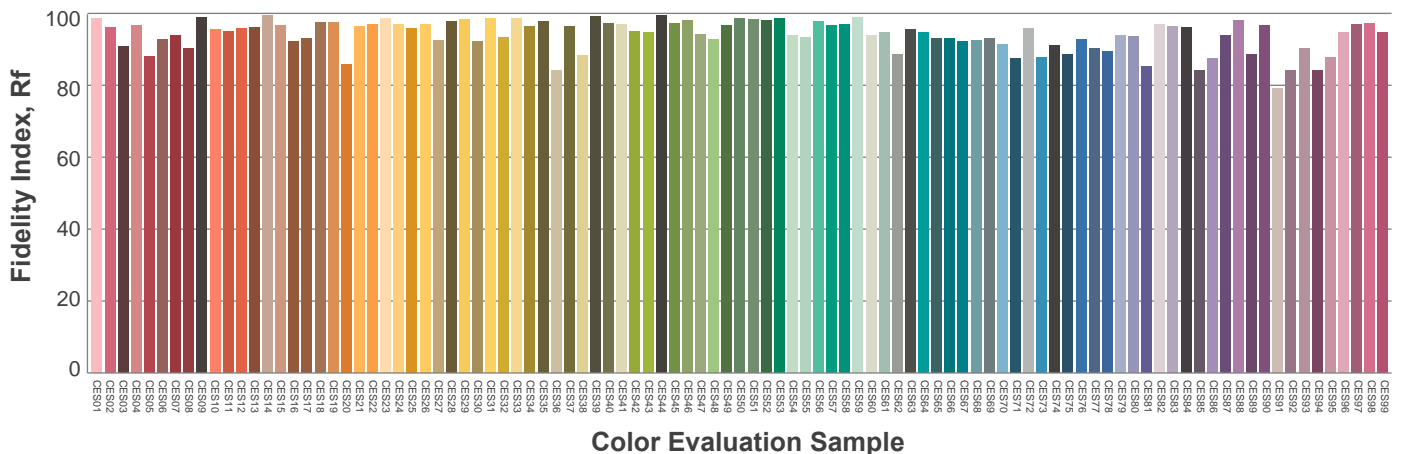
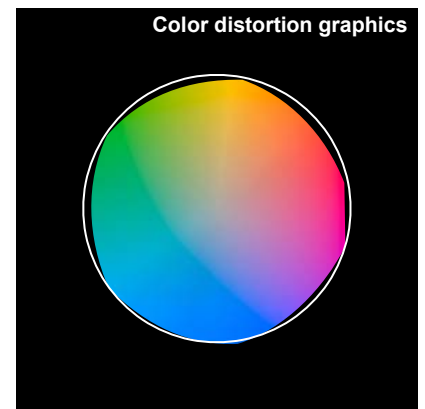
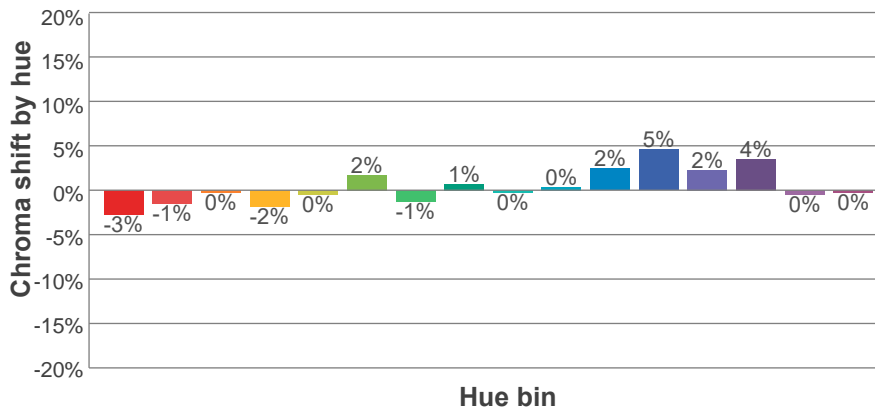
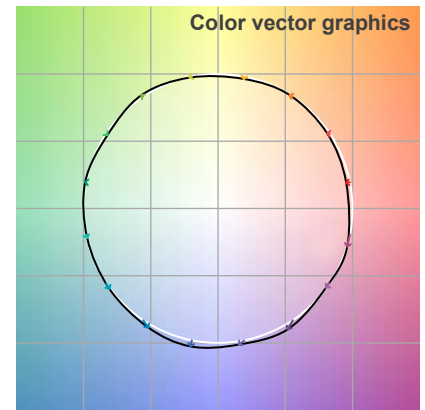
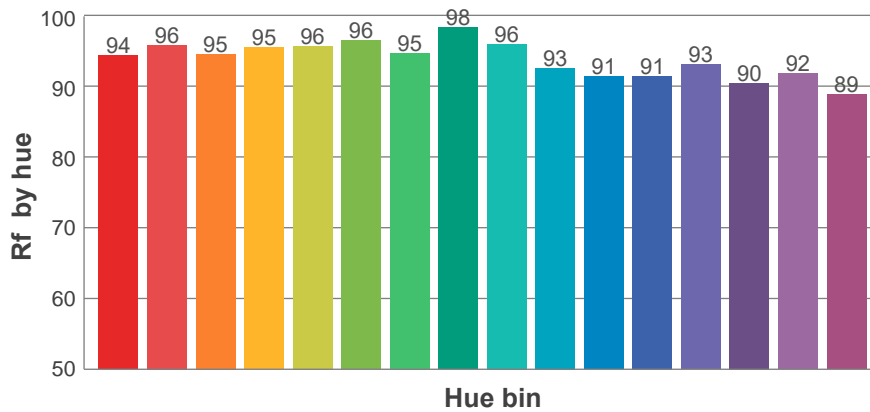
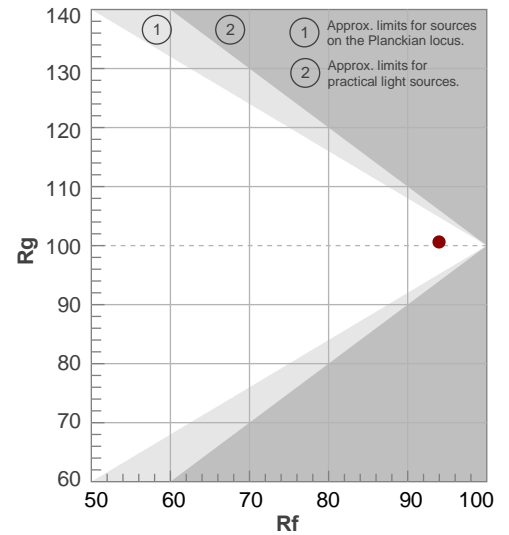
Rf 94.0

Fidelity index Rf

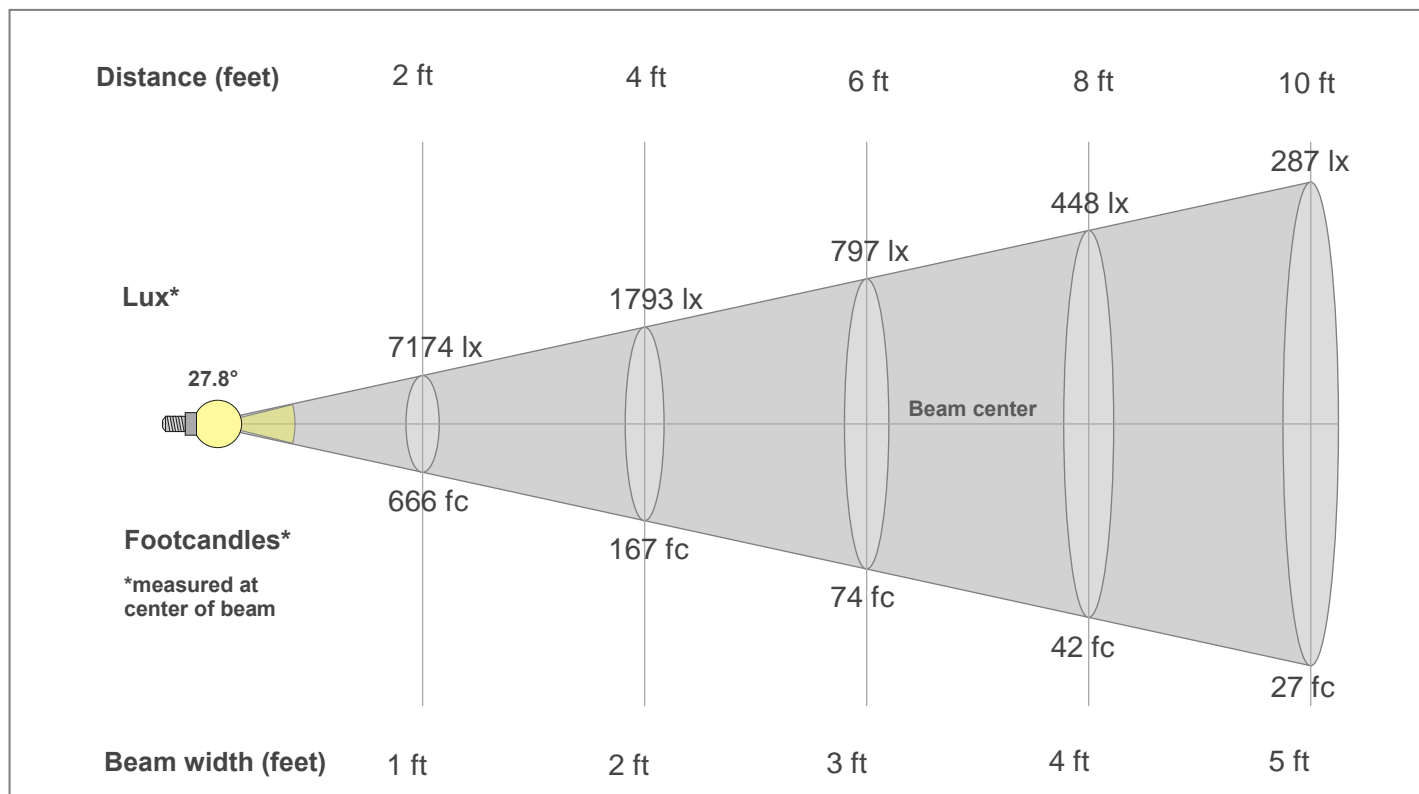
Rg 100.6

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	94	-3%	0%
2	96	-1%	1%
3	95	0%	3%
4	95	-2%	0%
5	96	0%	2%
6	96	2%	1%
7	95	-1%	0%
8	98	1%	0%
9	96	0%	2%
10	93	0%	5%
11	91	2%	6%
12	91	5%	0%
13	93	2%	-5%
14	90	4%	-7%
15	92	0%	-4%
16	89	0%	-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
2666lx	666lx	296lx	167lx	107lx	74lx	54lx	42lx	33lx	27lx	22lx	19lx	16lx	14lx	12lx	10lx	9lx	8lx	7lx	7lx
247.7fc	61.9fc	27.5fc	15.5fc	9.9fc	6.9fc	5.1fc	3.9fc	3.1fc	2.5fc	2fc	1.7fc	1.5fc	1.3fc	1.1fc	1fc	0.9fc	0.8fc	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°
2666	2629	2513	2332	2108	1858	1593	1327	1076	856	666	511	391	301	234	182	141	106	76	51
100%	99%	94%	87%	79%	70%	60%	50%	40%	32%	25%	19%	15%	11%	9%	7%	5%	4%	3%	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°
2666	2624	2509	2328	2106	1854	1585	1315	1062	841	650	497	376	288	224	175	137	104	74	50
100%	98%	94%	87%	79%	70%	59%	49%	40%	32%	24%	19%	14%	11%	8%	7%	5%	4%	3%	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°
2666	2629	2513	2332	2108	1858	1593	1327	1076	856	666	511	391	301	234	182	141	106	76	51
100%	99%	94%	87%	79%	70%	60%	50%	40%	32%	25%	19%	15%	11%	9%	7%	5%	4%	3%	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°
2666	2624	2509	2328	2106	1854	1585	1315	1062	841	650	497	376	288	224	175	137	104	74	50
100%	98%	94%	87%	79%	70%	59%	49%	40%	32%	24%	19%	14%	11%	8%	7%	5%	4%	3%	2%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
27.8°	53.6°	73.3°	99.5%	98.8%