

Photometric / Colorimetric / Electric Report

Fixture Model:

202-S-WD-7-15-NSP-PR1-2-FLS-2

Trim Model:

Date:

8/11/2026



Light efficiency:

56 Lumen/Watt

Light quality:

CRI: 91.8

Color temperature:

2946 K

CIE 1931:

**x: 0.438
y: 0.400**

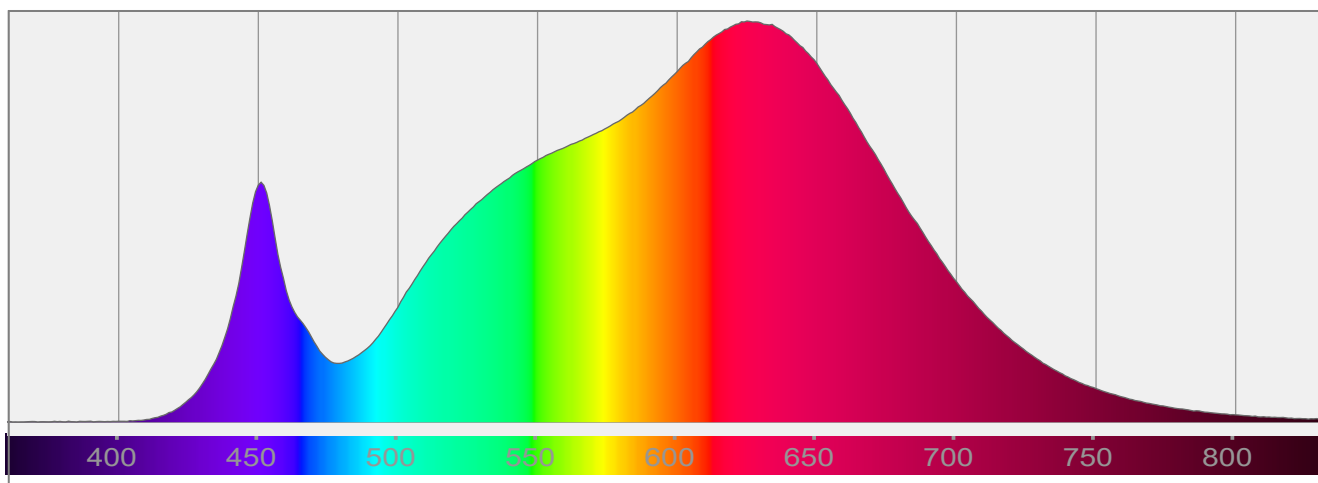
Output: 763 lm

Peak: 5120 cd

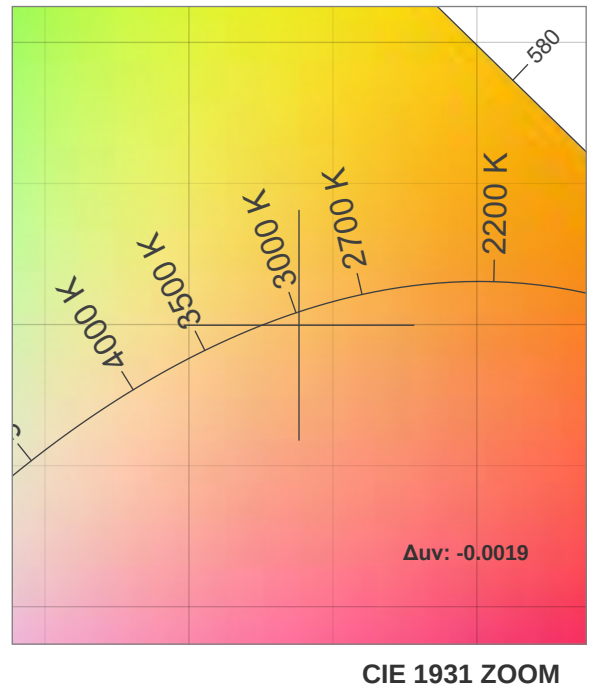
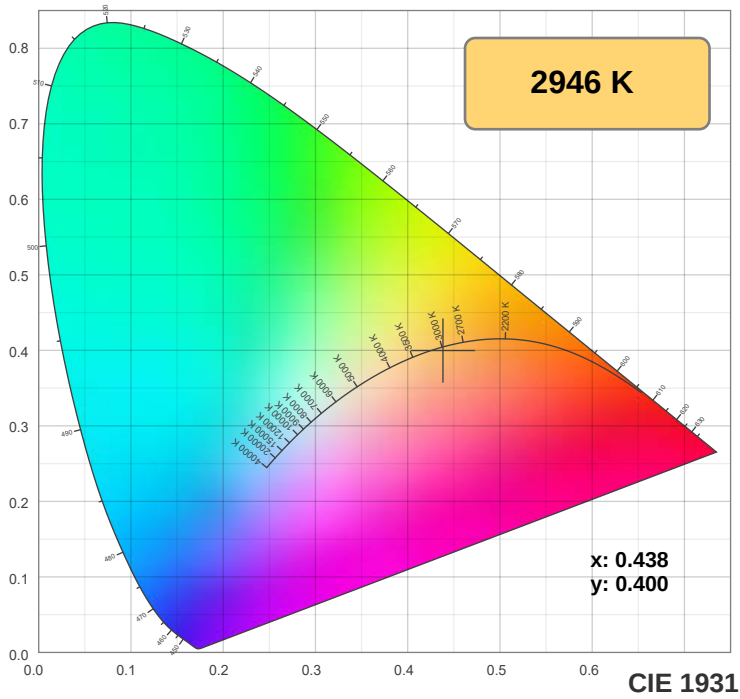
Power: 13.6 W

PF: 0.99

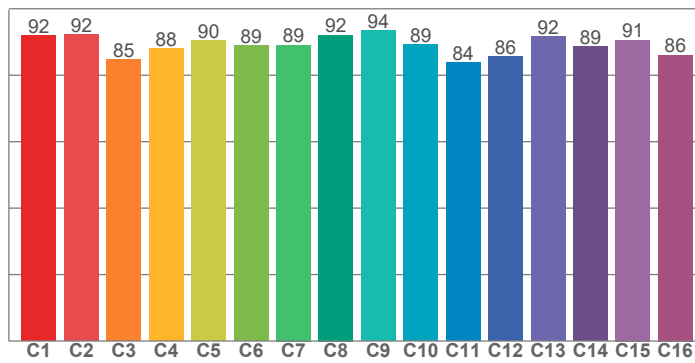
Spectra:



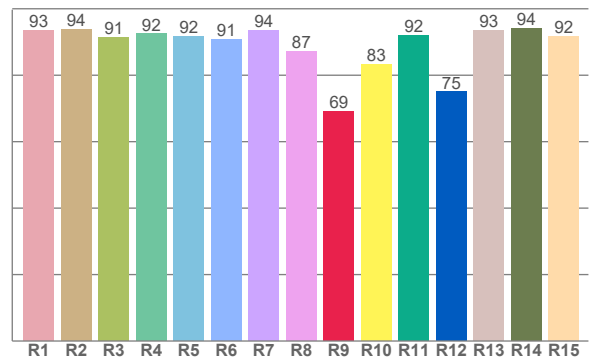
Color Details



TM-30: 89.2



CRI: 91.8 (R1-R8)



CRI R Values:

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93.5	93.8	91.4	92.4	91.8	90.8	93.6	87.2	69.1	83.3	92.0	75.0	93.4	94.1	91.6

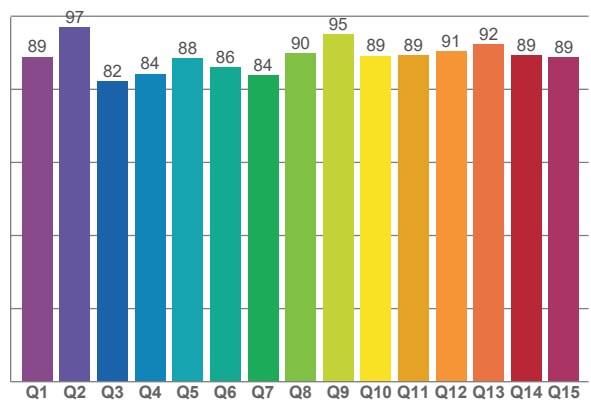
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92.0	92.1	84.6	88.0	90.5	88.9	89.1	92.1	93.6	89.2	83.7	85.7	91.6	88.6	90.6	86.1

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
88.9	97.1	82.2	84.3	88.5	86.0	83.8	89.9	95.1	89.2	89.3	90.5	92.3	89.4	88.8

CQS: 88.2



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
2946 K	91.8	69.1	89.2	103.1	88.2	0.438	0.400	0.253	0.347	-0.0019

TM-30 Details

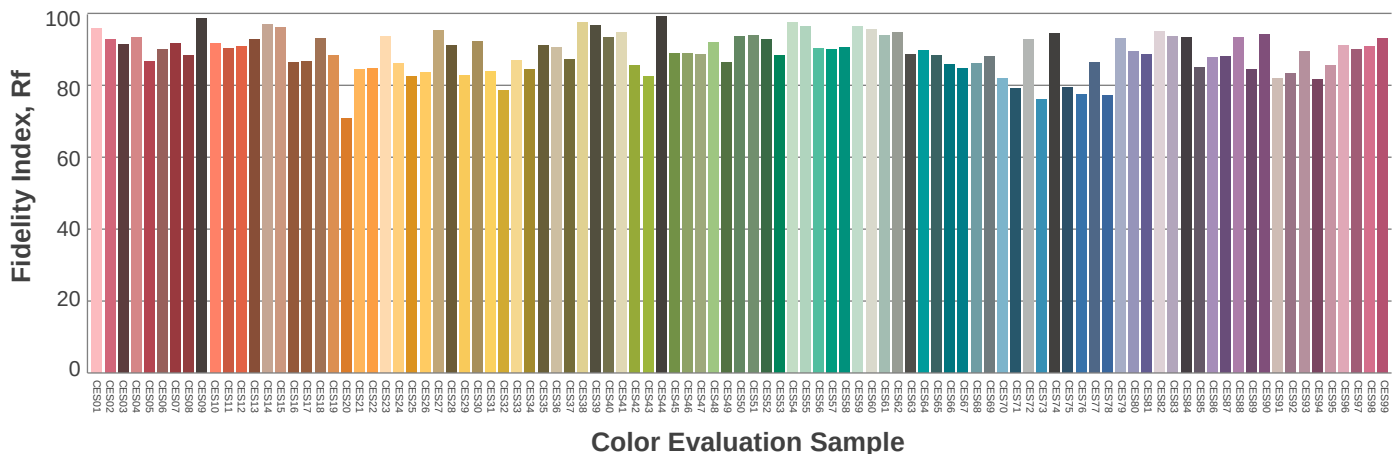
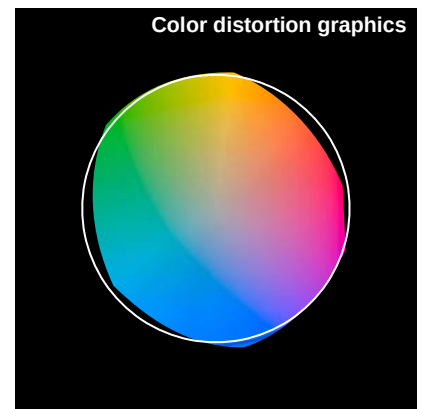
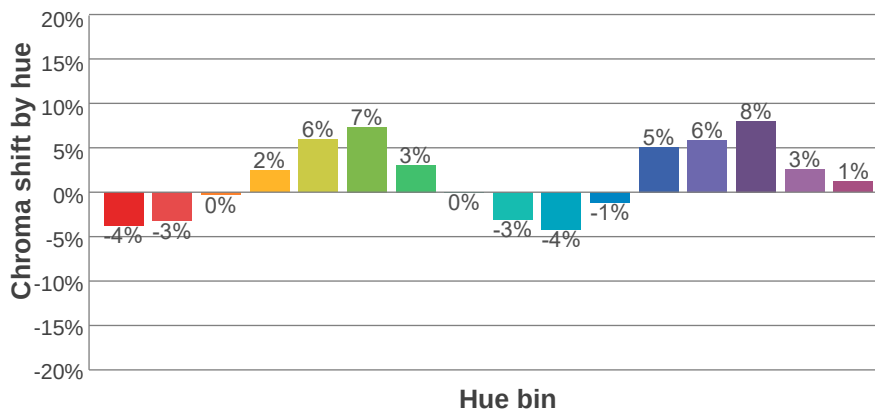
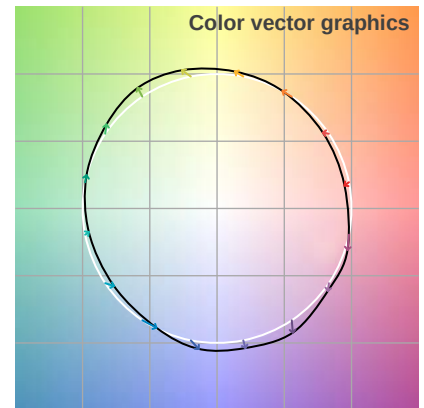
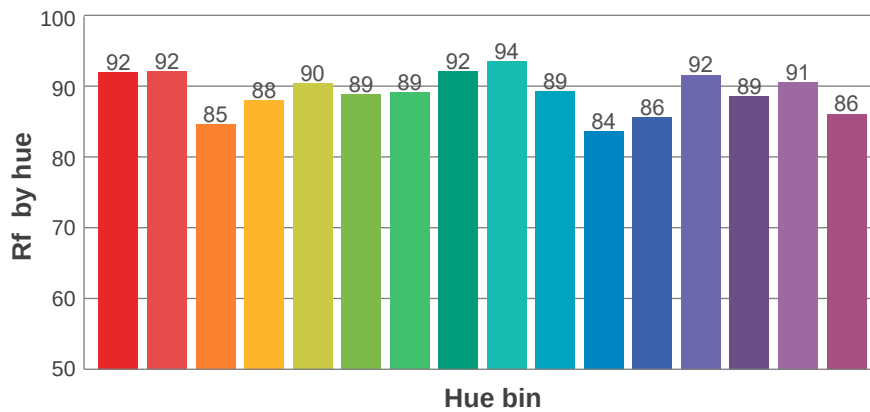
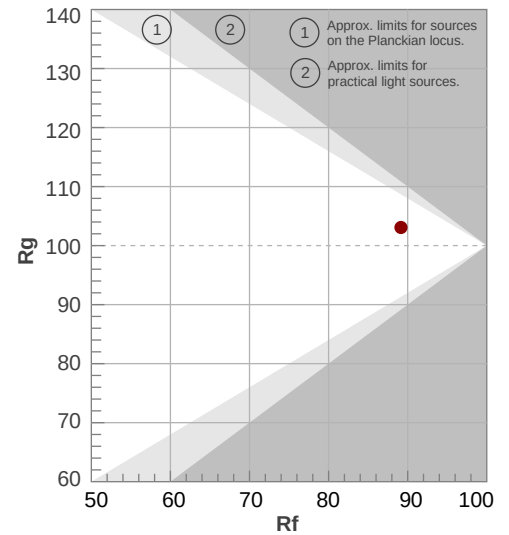
Rf 89.2

Fidelity index Rf

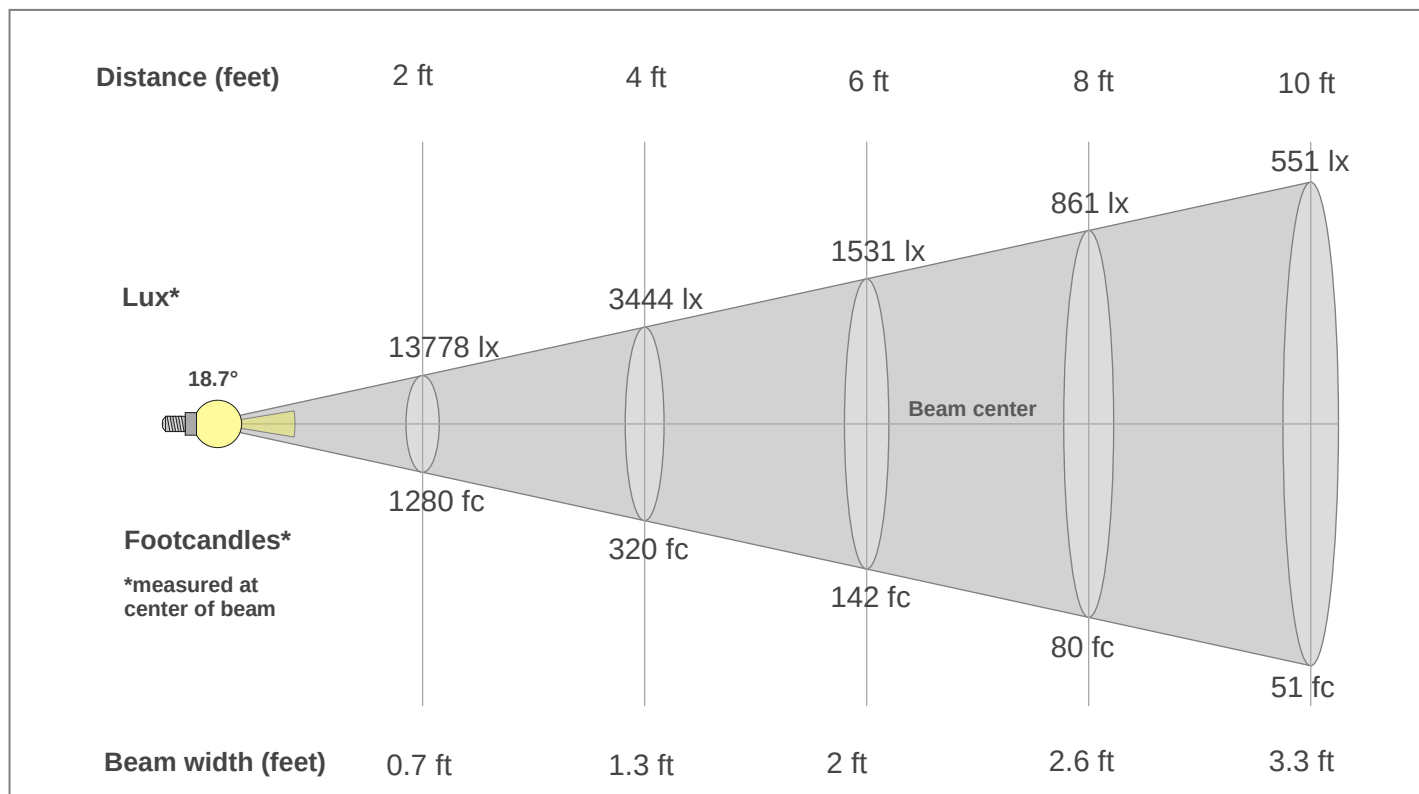
Rg 103.1

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	92	-4%	-2%
2	92	-3%	3%
3	85	0%	8%
4	88	2%	7%
5	90	6%	5%
6	89	7%	-1%
7	89	3%	-6%
8	92	0%	-5%
9	94	-3%	-1%
10	89	-4%	5%
11	84	-1%	12%
12	86	5%	7%
13	92	6%	0%
14	89	8%	-4%
15	91	3%	-5%
16	86	1%	-11%



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
5120lx	1280lx	569lx	320lx	205lx	142lx	104lx	80lx	63lx	51lx	42lx	36lx	30lx	26lx	23lx	20lx	18lx	16lx	14lx	13lx
475.7fc	118.9fc	52.9fc	29.7fc	19fc	13.2fc	9.7fc	7.4fc	5.9fc	4.8fc	3.9fc	3.3fc	2.8fc	2.4fc	2.1fc	1.9fc	1.6fc	1.5fc	1.3fc	1.2fc

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°
5120	5078	4951	4753	4489	4173	3823	3452	3071	2696	2336	2002	1699	1430	1194	992	820	677	560	464
100%	99%	97%	93%	88%	82%	75%	67%	60%	53%	46%	39%	33%	28%	23%	19%	16%	13%	11%	9%

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°
5120	5078	4951	4753	4489	4173	3823	3452	3071	2696	2336	2002	1699	1430	1194	992	820	677	560	464
100%	99%	97%	93%	88%	82%	75%	67%	60%	53%	46%	39%	33%	28%	23%	19%	16%	13%	11%	9%

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°
5120	5078	4951	4753	4489	4173	3823	3452	3071	2696	2336	2002	1699	1430	1194	992	820	677	560	464
100%	99%	97%	93%	88%	82%	75%	67%	60%	53%	46%	39%	33%	28%	23%	19%	16%	13%	11%	9%

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°
5120	5078	4951	4753	4489	4173	3823	3452	3071	2696	2336	2002	1699	1430	1194	992	820	677	560	464
100%	99%	97%	93%	88%	82%	75%	67%	60%	53%	46%	39%	33%	28%	23%	19%	16%	13%	11%	9%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
18.7°	37°	54.9°	99.5%	98.8%