

Photometric / Colorimetric / Electric Report

Fixture Model:

202-S-WD-6-15-NSP-PR1-2-FLS-2

Trim Model:

Date:

8/11/2026



Light efficiency:

52 Lumen/Watt

Light quality:

CRI: 92.2

Color temperature:

2781 K

CIE 1931:

**x: 0.454
y: 0.409**

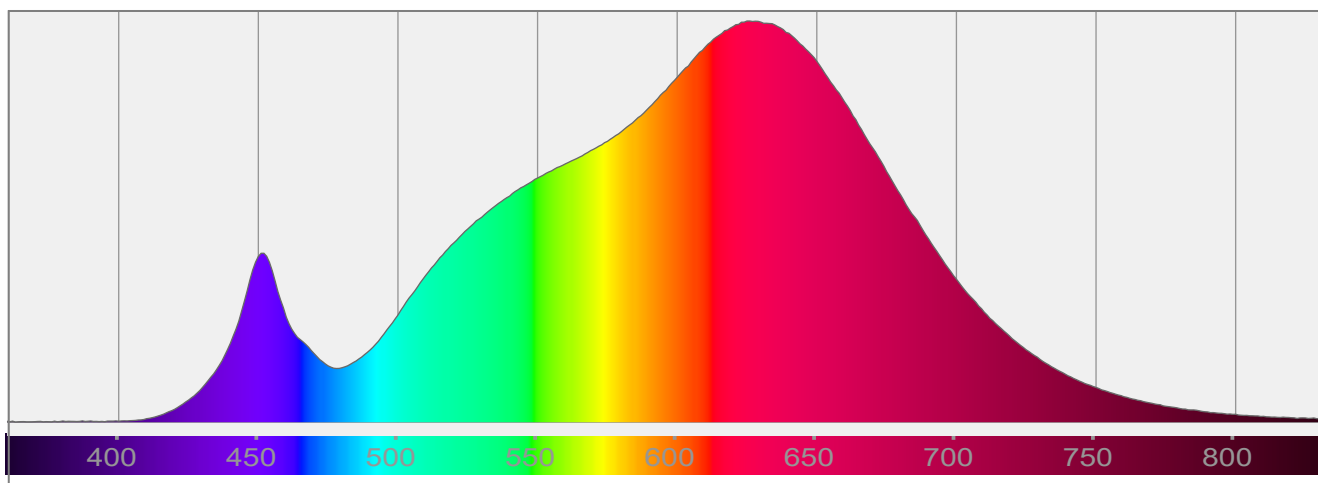
Output: 708 lm

Peak: 4790 cd

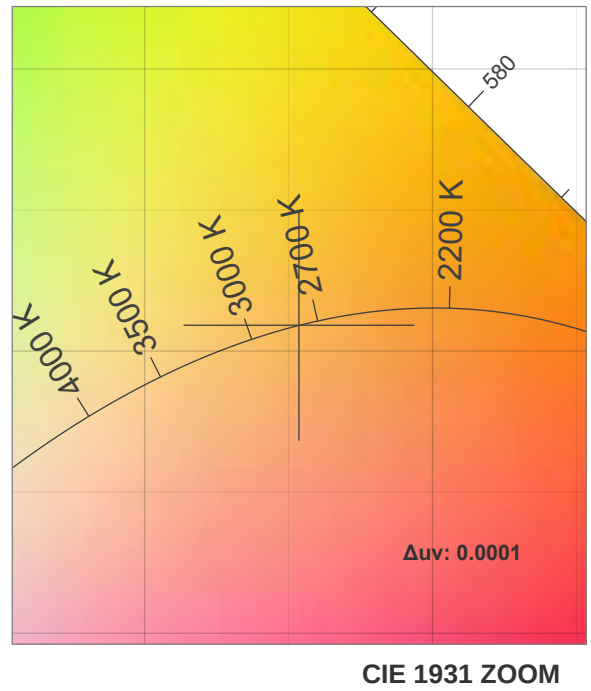
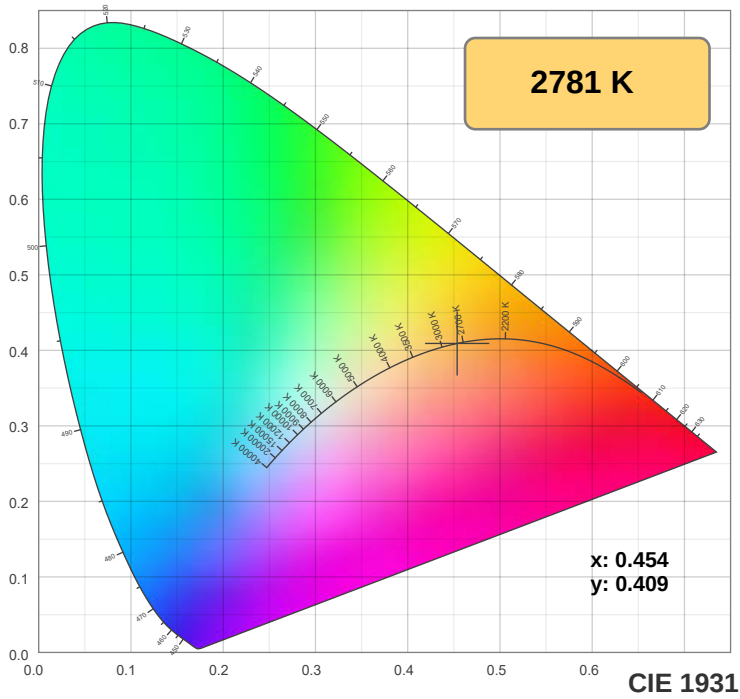
Power: 13.5 W

PF: 0.99

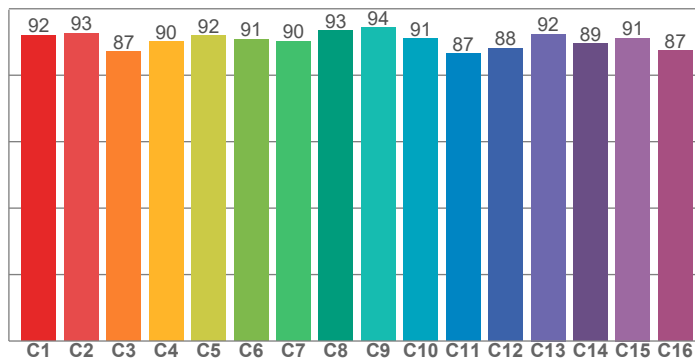
Spectra:



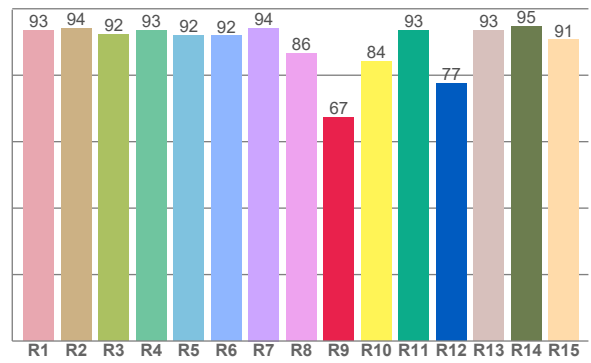
Color Details



TM-30: 90.6



CRI: 92.2 (R1-R8)



CRI R Values:

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93.4	94.1	92.3	93.4	91.9	91.8	94.2	86.5	67.2	84.2	93.3	77.4	93.4	94.6	90.6

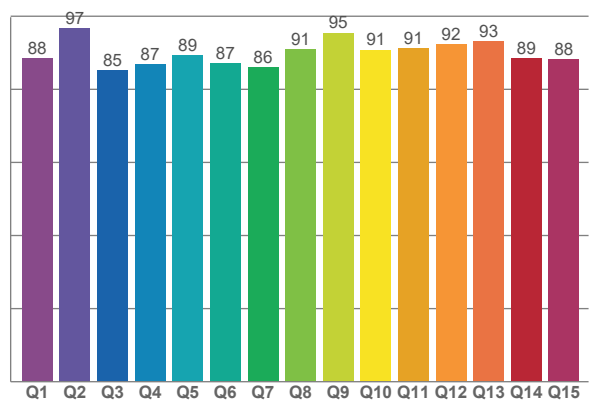
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92.1	92.7	87.0	90.2	92.0	90.9	90.3	93.4	94.2	90.9	86.5	88.1	92.4	89.5	91.2	87.4

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
88.5	96.7	85.3	86.8	89.3	87.0	85.9	90.9	95.5	90.8	91.4	92.4	93.1	88.6	88.2

CQS: 89.4



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
2781 K	92.2	67.2	90.6	102.0	89.4	0.454	0.409	0.259	0.351	0.0001

TM-30 Details

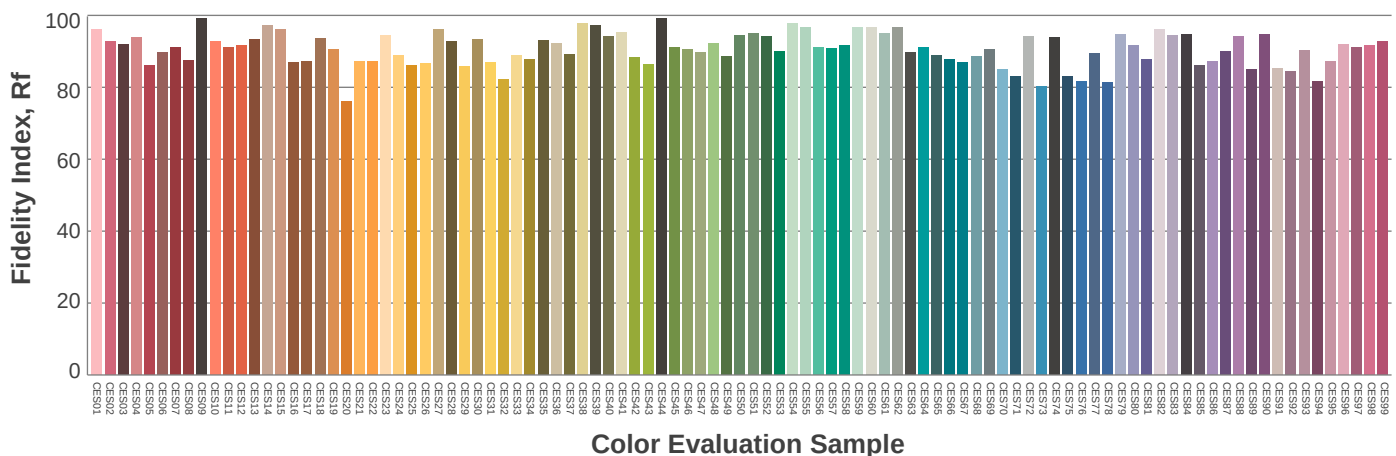
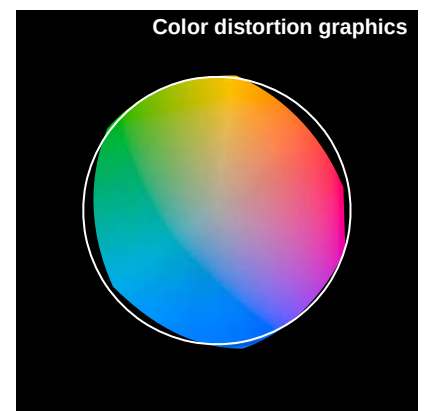
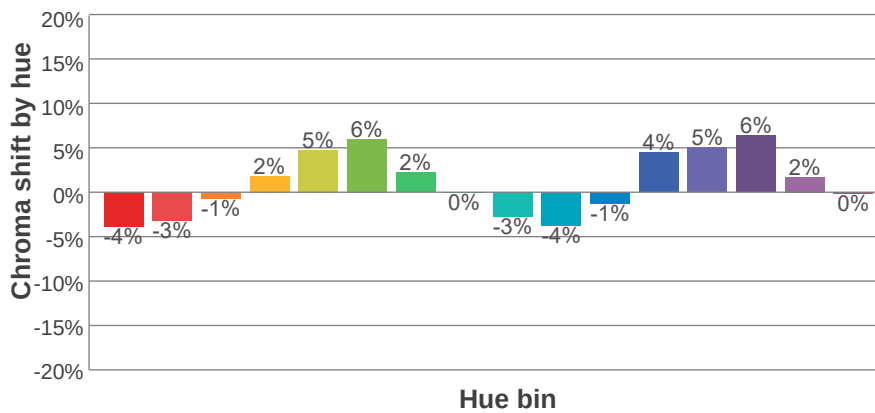
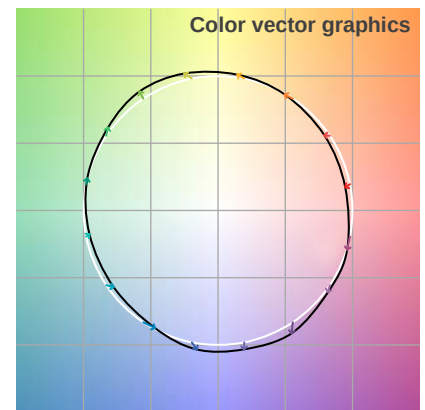
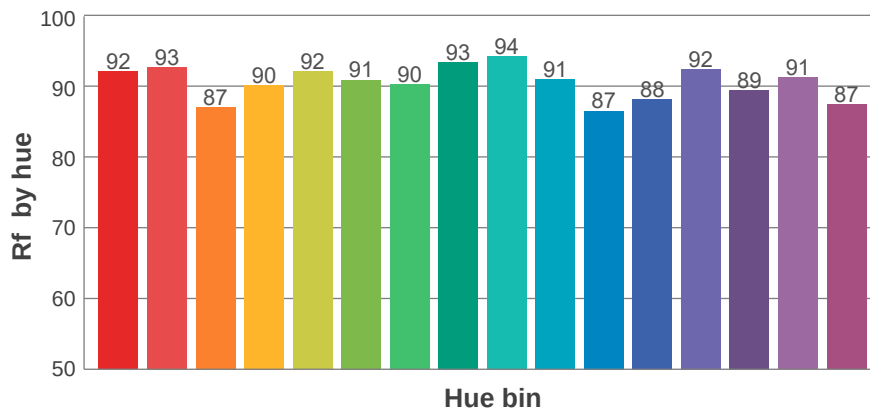
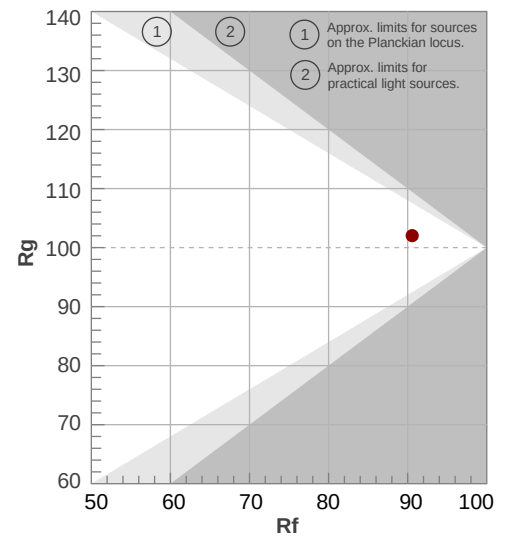
Rf 90.6

Fidelity index Rf

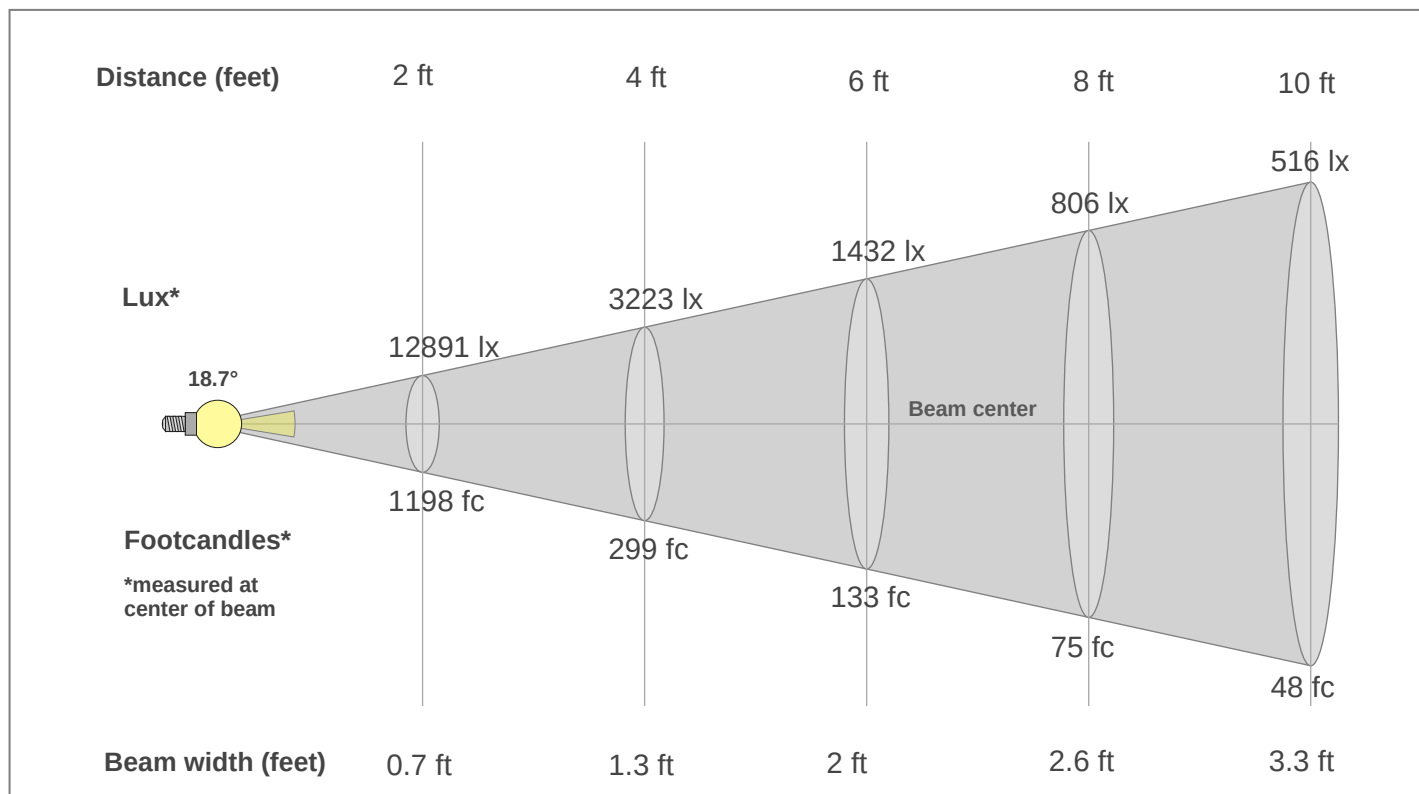
Rg 102.0

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	92	-4%	-2%
2	93	-3%	3%
3	87	-1%	7%
4	90	2%	6%
5	92	5%	5%
6	91	6%	-1%
7	90	2%	-6%
8	93	0%	-4%
9	94	-3%	-1%
10	91	-4%	4%
11	87	-1%	10%
12	88	4%	5%
13	92	5%	-1%
14	89	6%	-5%
15	91	2%	-5%
16	87	0%	-10%



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
4790lx	1198lx	532lx	299lx	192lx	133lx	98lx	75lx	59lx	48lx	40lx	33lx	28lx	24lx	21lx	19lx	17lx	15lx	13lx	12lx
445fc	111.3fc	49.4fc	27.8fc	17.8fc	12.4fc	9.1fc	7fc	5.5fc	4.5fc	3.7fc	3.1fc	2.6fc	2.3fc	2fc	1.7fc	1.5fc	1.4fc	1.2fc	1.1fc

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°
4790	4752	4636	4446	4198	3905	3576	3225	2866	2511	2173	1859	1574	1321	1100	911	750	617	508	420
100%	99%	97%	93%	88%	82%	75%	67%	60%	52%	45%	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°
4790	4752	4636	4446	4198	3905	3576	3225	2866	2511	2173	1859	1574	1321	1100	911	750	617	508	420
100%	99%	97%	93%	88%	82%	75%	67%	60%	52%	45%	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°
4790	4752	4636	4446	4198	3905	3576	3225	2866	2511	2173	1859	1574	1321	1100	911	750	617	508	420
100%	99%	97%	93%	88%	82%	75%	67%	60%	52%	45%	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°
4790	4752	4636	4446	4198	3905	3576	3225	2866	2511	2173	1859	1574	1321	1100	911	750	617	508	420
100%	99%	97%	93%	88%	82%	75%	67%	60%	52%	45%	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°	36.6°	54.6°	99.1%	98.3%