

Photometric / Colorimetric / Electric Report

Fixture Model:

202-S-WD-6-40-NSP-PR1-2-FLS-2

Trim Model:

Date:

8/11/2026



Light efficiency:

60 Lumen/Watt

Light quality:

CRI: 92.2

Color temperature:

2774 K

CIE 1931:

x: 0.454
y: 0.408

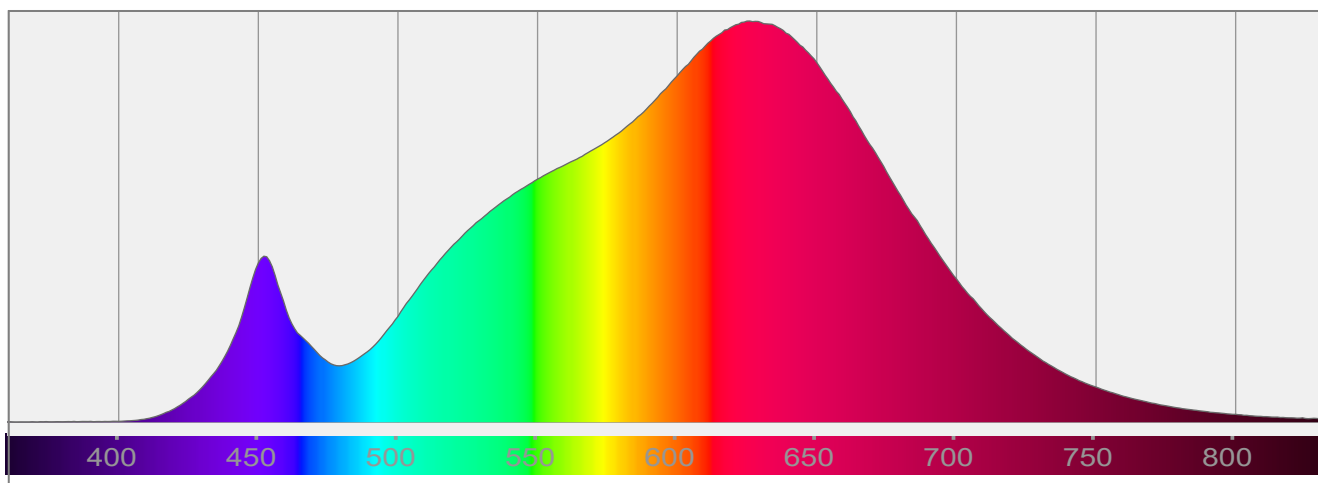
Output: 810 lm

Peak: 2004 cd

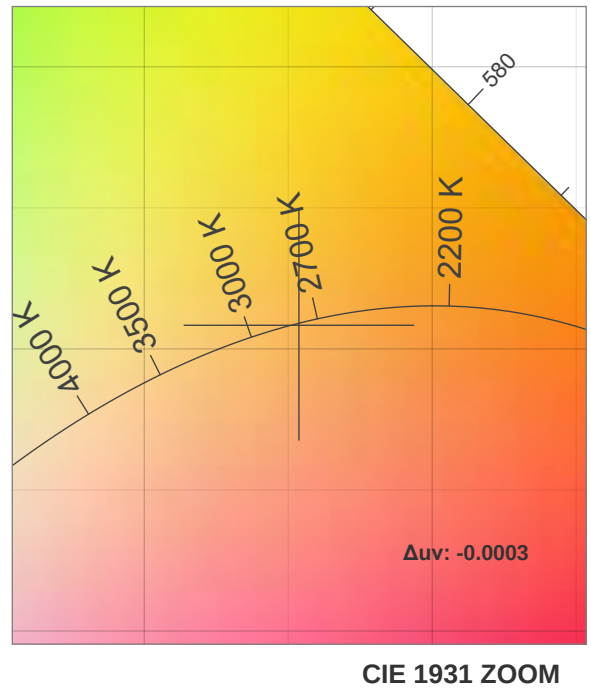
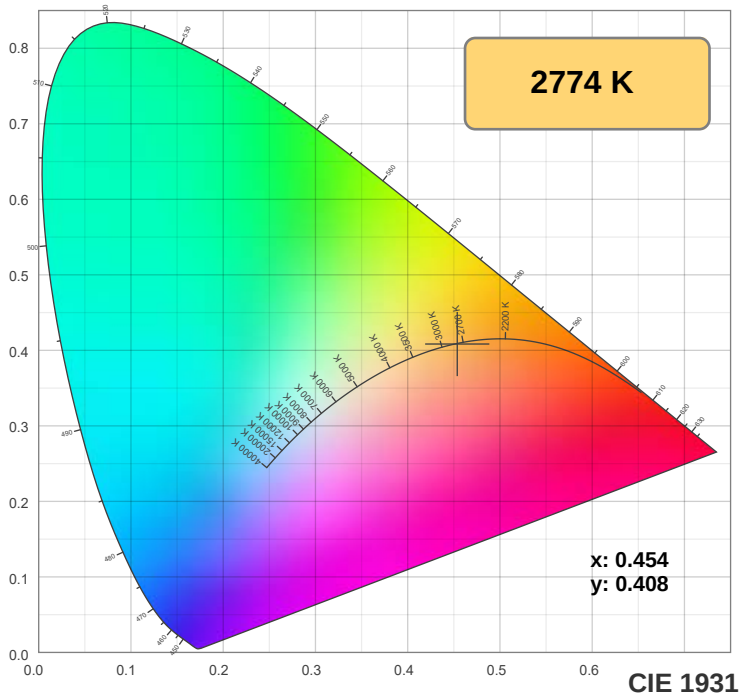
Power: 13.5 W

PF: 0.99

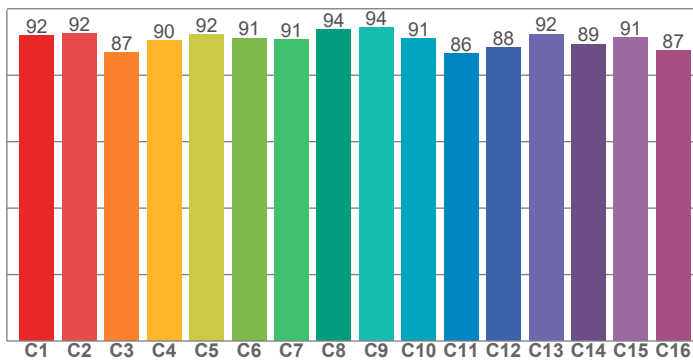
Spectra:



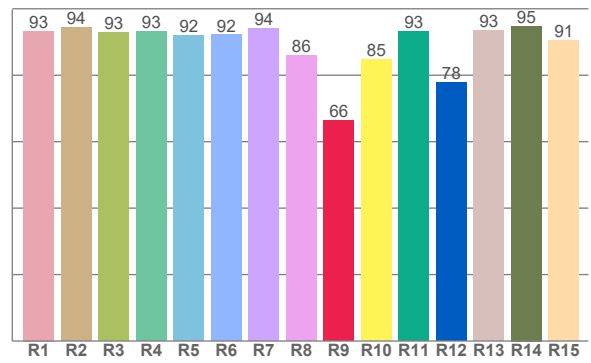
Color Details



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
93.3	94.3	92.8	93.3	91.8	92.1	94.0	85.9	66.5	84.6	93.1	77.9	93.4	94.8	90.5

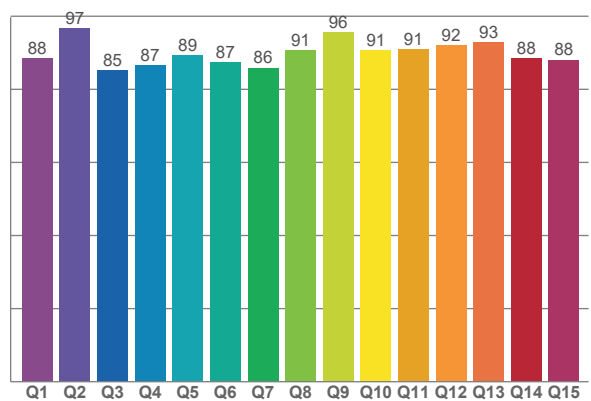
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92.0	92.5	86.9	90.4	92.3	91.2	90.7	93.6	94.4	91.1	86.5	88.2	92.4	89.4	91.4	87.3

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
88.5	96.6	85.2	86.5	89.4	87.4	85.9	90.6	95.6	90.8	91.1	92.0	92.8	88.4	88.1

CQS: 89.3



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
2774 K	92.2	66.5	90.6	101.9	89.3	0.454	0.408	0.260	0.350	-0.0003

TM-30 Details

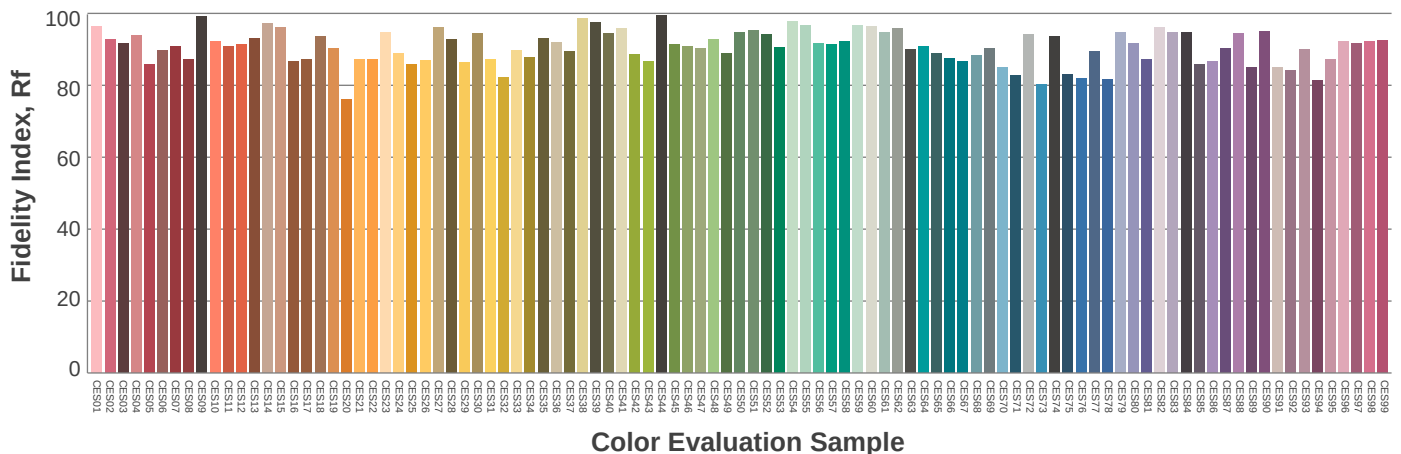
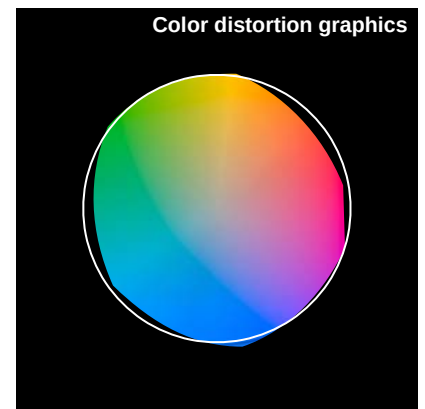
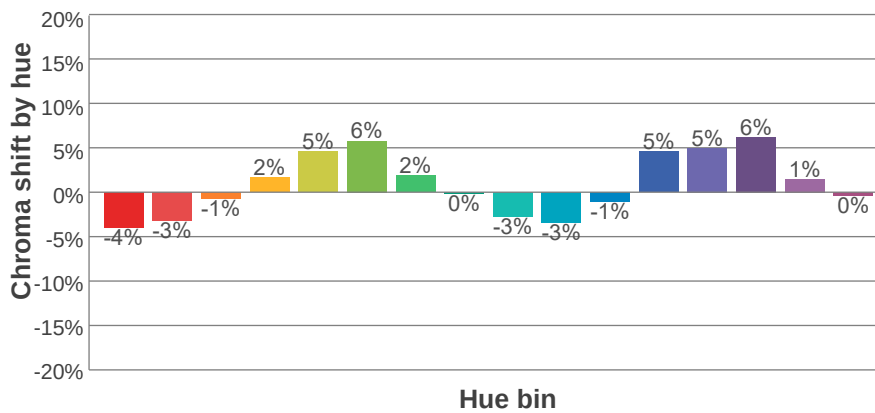
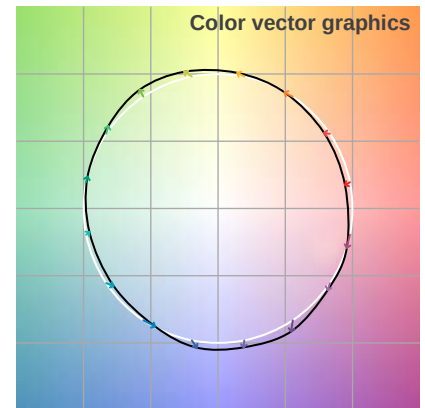
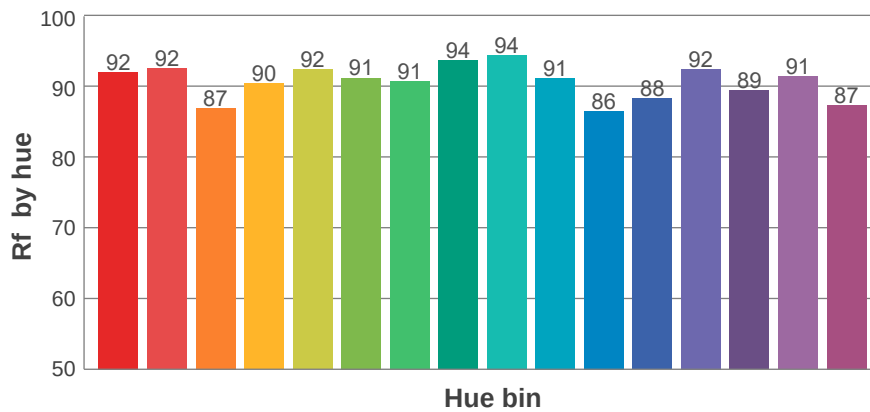
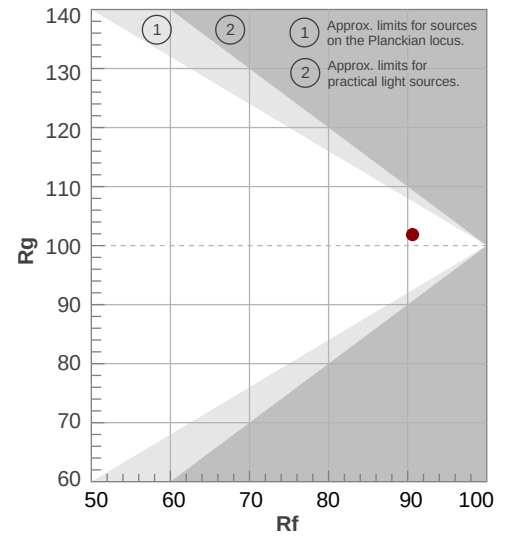
Rf 90.6

Fidelity index Rf

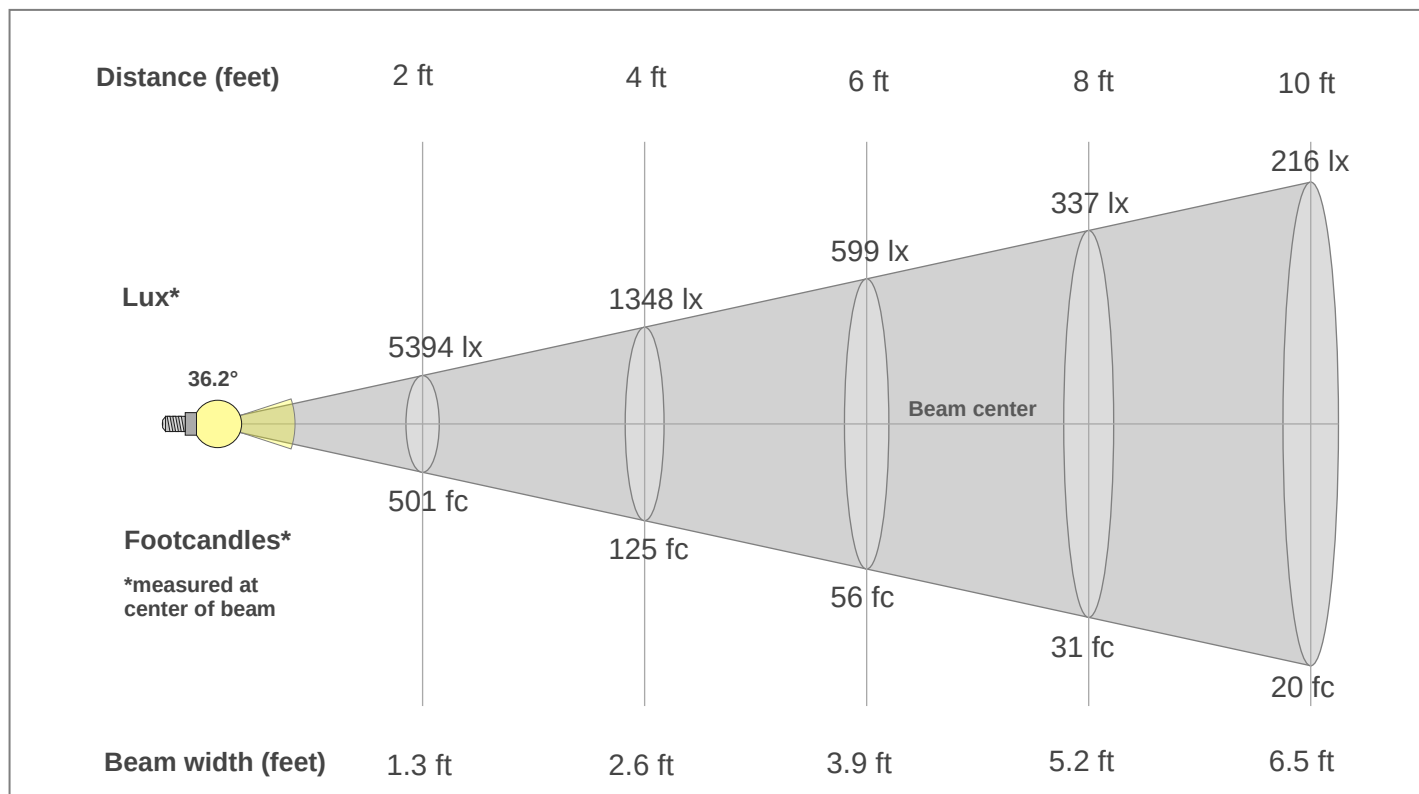
Rg 101.9

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	92	-4%	-1%
2	92	-3%	3%
3	87	-1%	7%
4	90	2%	6%
5	92	5%	5%
6	91	6%	-1%
7	91	2%	-5%
8	94	0%	-4%
9	94	-3%	-1%
10	91	-3%	5%
11	86	-1%	10%
12	88	5%	5%
13	92	5%	-1%
14	89	6%	-6%
15	91	1%	-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
2004lx	501lx	223lx	125lx	80lx	56lx	41lx	31lx	25lx	20lx	17lx	14lx	12lx	10lx	9lx	8lx	7lx	6lx	6lx	5lx
186.2fc	46.6fc	20.7fc	11.6fc	7.4fc	5.2fc	3.8fc	2.9fc	2.3fc	1.9fc	1.5fc	1.3fc	1.1fc	1fc	0.8fc	0.7fc	0.6fc	0.6fc	0.5fc	0.5fc

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°
2004	1992	1964	1913	1830	1714	1569	1396	1207	1012	823	647	491	365	265	192	142	105	78	55
100%	99%	98%	95%	91%	86%	78%	70%	60%	50%	41%	32%	25%	18%	13%	10%	7%	5%	4%	3%

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°
2004	1992	1964	1913	1830	1714	1569	1396	1207	1012	823	647	491	365	265	192	142	105	78	55
100%	99%	98%	95%	91%	86%	78%	70%	60%	50%	41%	32%	25%	18%	13%	10%	7%	5%	4%	3%

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°
2004	1992	1964	1913	1830	1714	1569	1396	1207	1012	823	647	491	365	265	192	142	105	78	55
100%	99%	98%	95%	91%	86%	78%	70%	60%	50%	41%	32%	25%	18%	13%	10%	7%	5%	4%	3%

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°
2004	1992	1964	1913	1830	1714	1569	1396	1207	1012	823	647	491	365	265	192	142	105	78	55
100%	99%	98%	95%	91%	86%	78%	70%	60%	50%	41%	32%	25%	18%	13%	10%	7%	5%	4%	3%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
36.2°	59.4°	77°	99.5%	98.7%