

Photometric / Colorimetric / Electric Report

Fixture Model:

202-R-WD-5-15-NSP-PR1-2-FLR-2

Trim Model:

Date:

7/14/2026



Light efficiency:

50 Lumen/Watt

Light quality:

CRI: 94.3

Color temperature:

2993 K

CIE 1931:

x: 0.433
y: 0.395

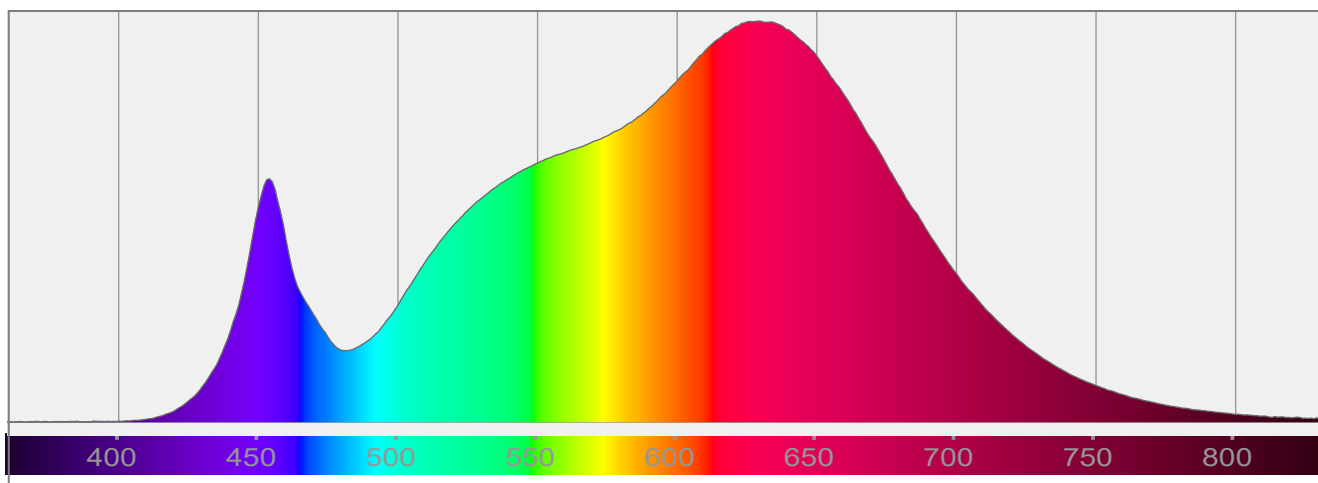
Output: 674 lm

Peak: 5309 cd

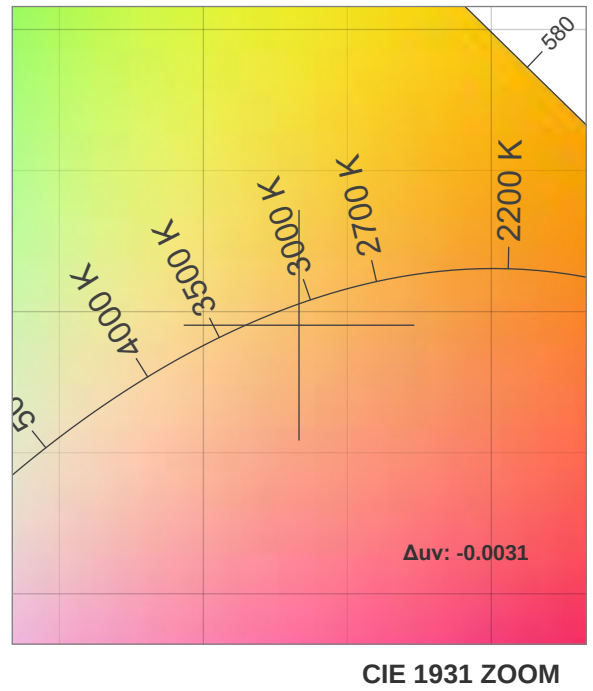
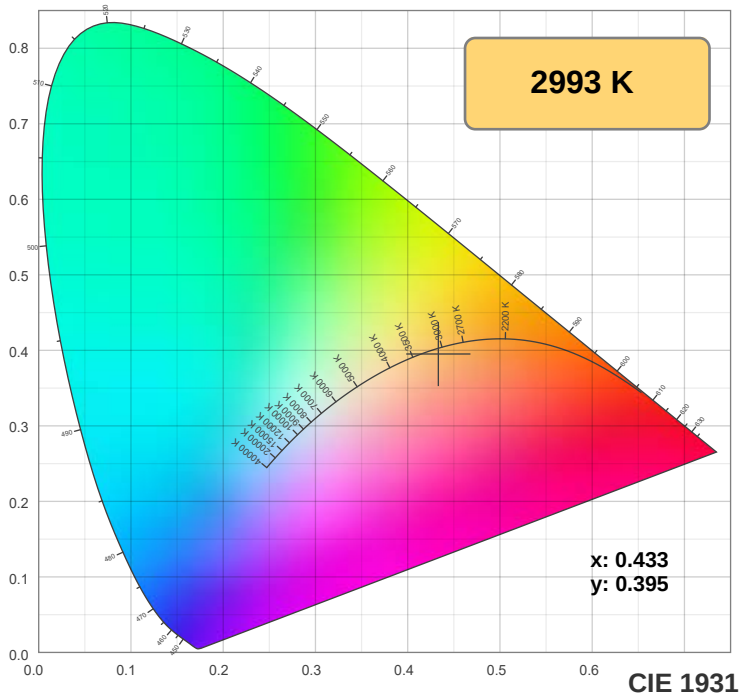
Power: 13.5 W

PF: 0.99

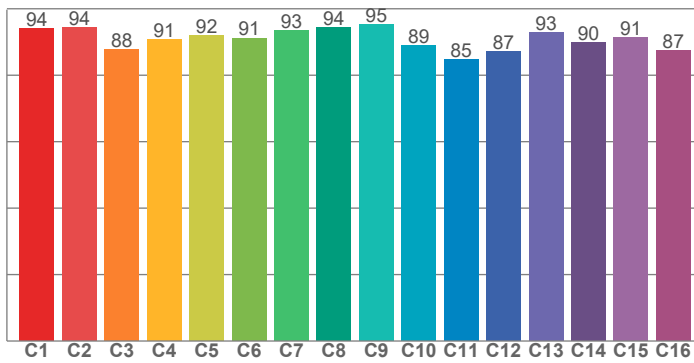
Spectra:



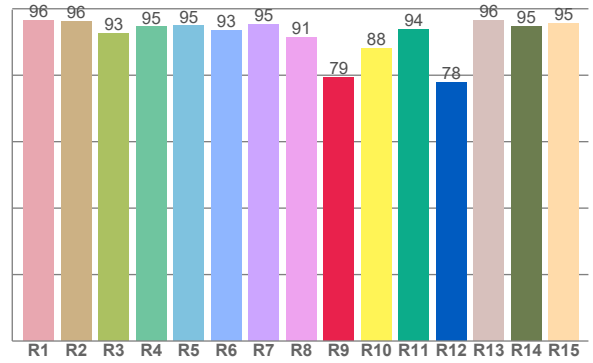
Color Details



TM-30: 91.0



CRI: 94.3 (R1-R8)



CRI R Values:

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96.4	96.1	92.5	94.5	94.8	93.5	95.2	91.4	79.2	88.0	93.8	77.8	96.4	94.6	95.5

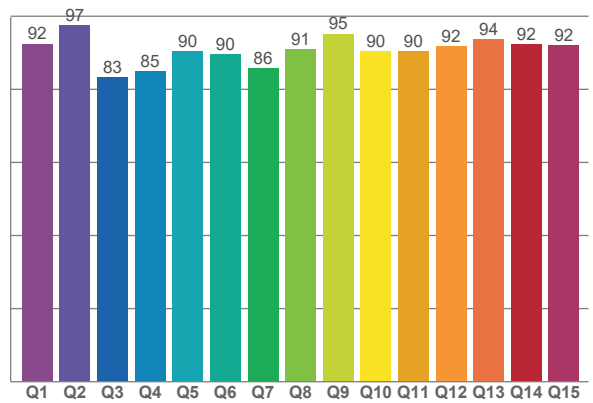
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94.1	94.2	87.8	90.8	92.0	91.2	93.5	94.3	95.2	88.9	84.8	87.1	93.0	89.8	91.3	87.4

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
92.5	97.4	83.3	85.0	90.5	89.5	85.8	91.1	95.2	90.4	90.5	91.8	93.6	92.4	92.2

CQS: 89.9



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
2993 K	94.3	79.2	91.0	103.1	89.9	0.433	0.395	0.252	0.345	-0.0031

TM-30 Details

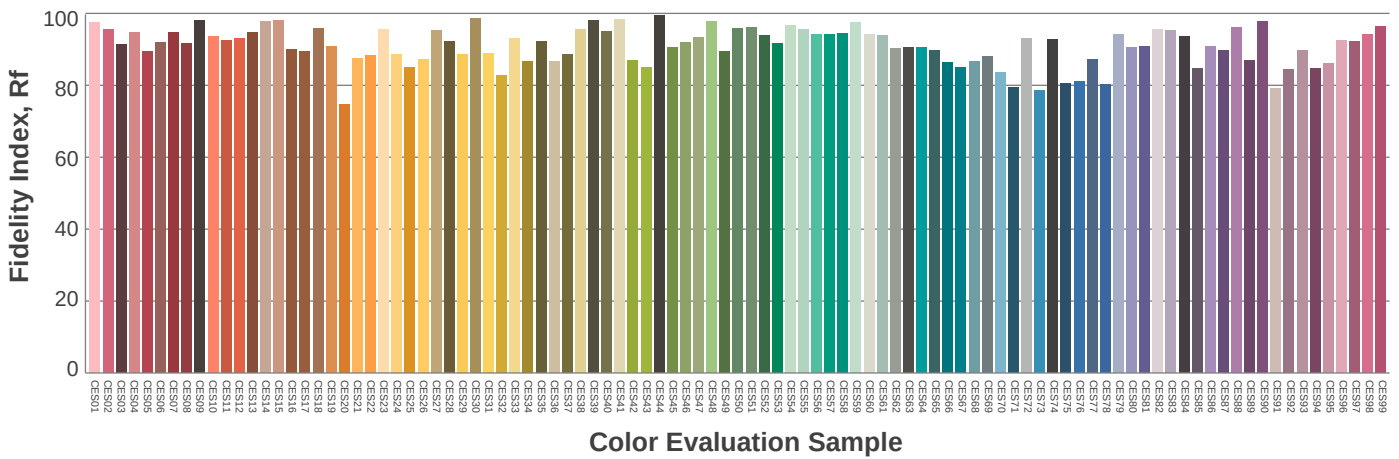
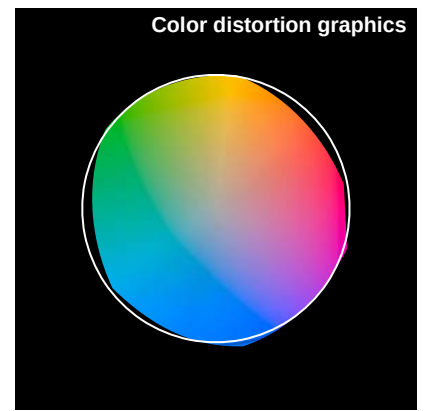
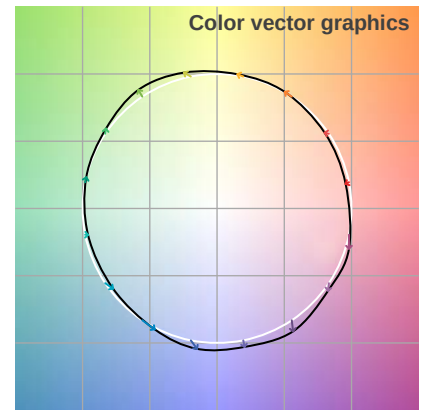
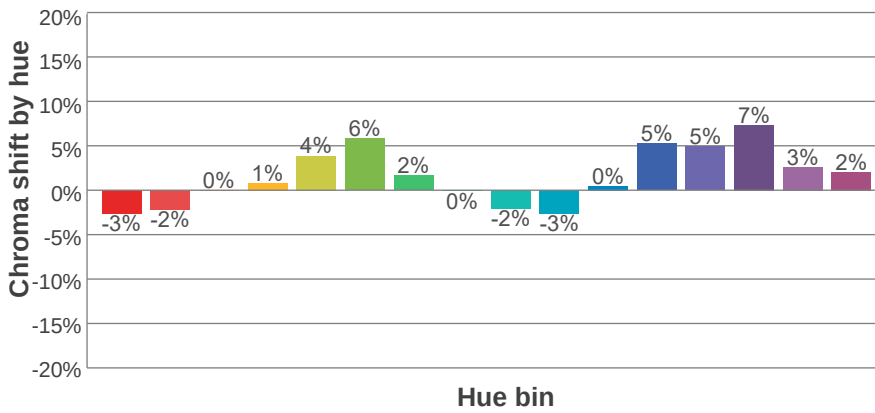
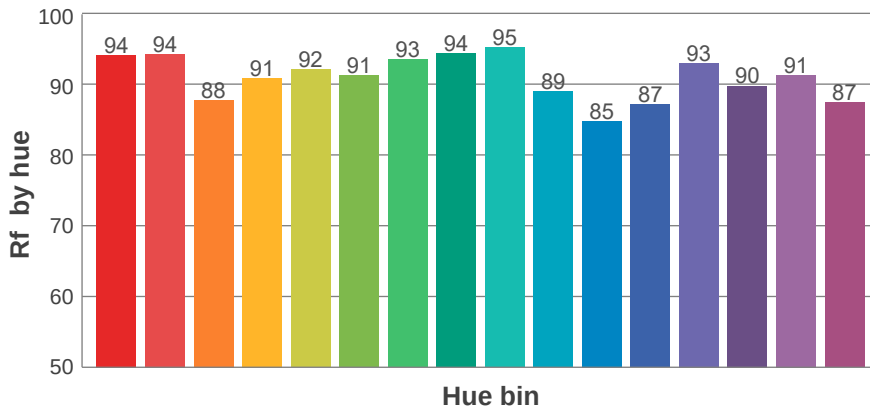
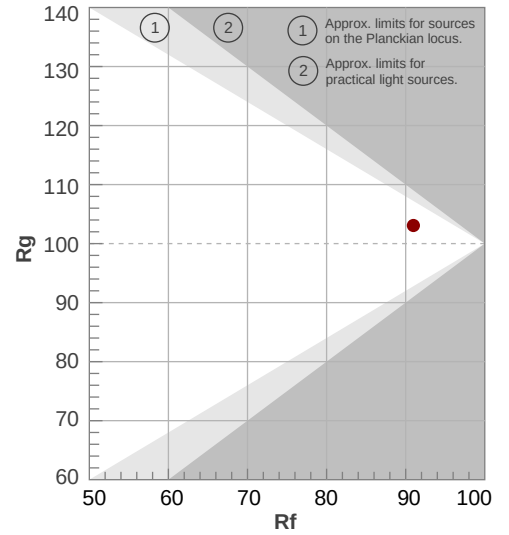
Rf 91.0

Fidelity index R_f

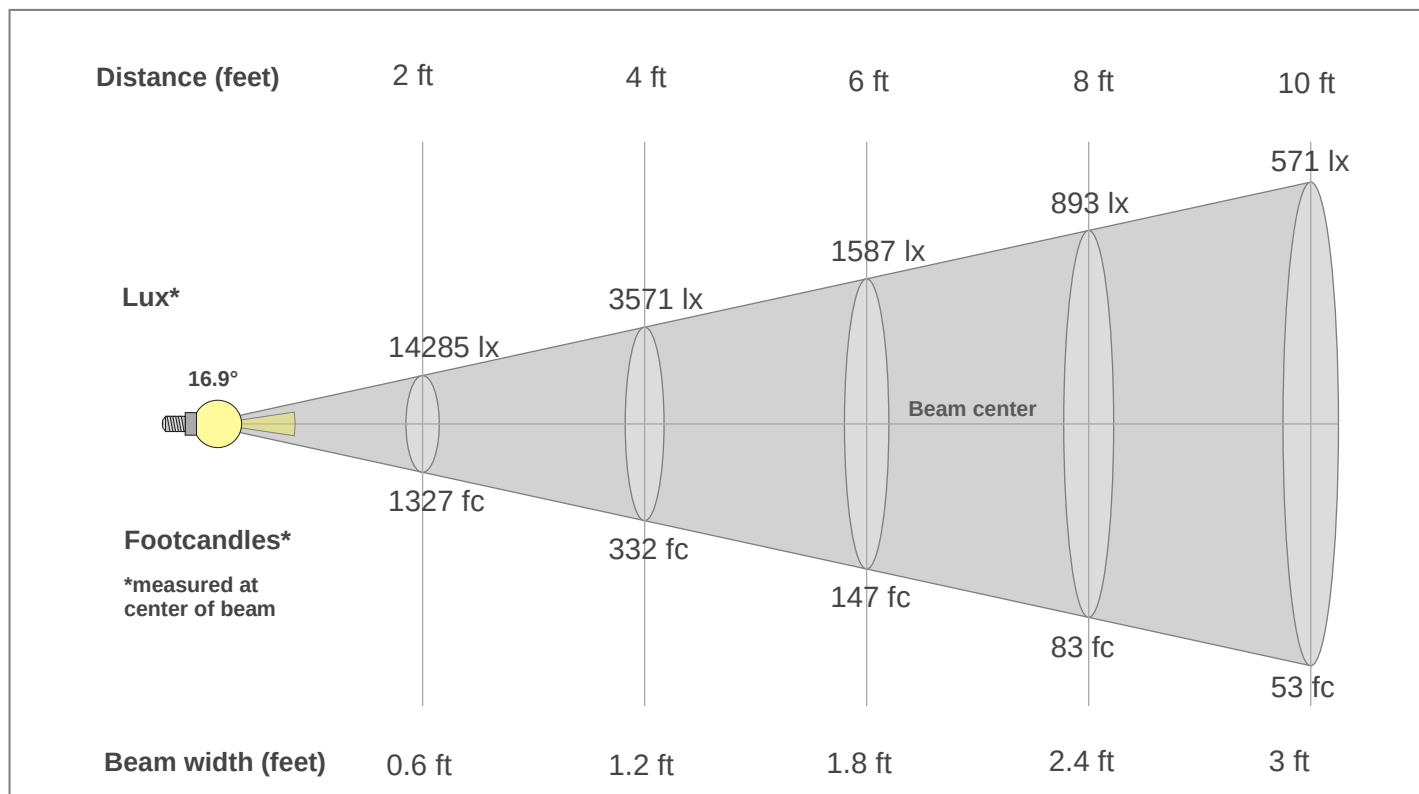
Rg 103.1

Gamut index Rg

		Shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	94	-3%	-1%
2	94	-2%	2%
3	88	0%	6%
4	91	1%	5%
5	92	4%	4%
6	91	6%	0%
7	93	2%	-3%
8	94	0%	-4%
9	95	-2%	1%
10	89	-3%	7%
11	85	0%	11%
12	87	5%	6%
13	93	5%	0%
14	90	7%	-4%
15	91	3%	-5%
16	87	2%	-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
5309lx	1327lx	590lx	332lx	212lx	147lx	108lx	83lx	66lx	53lx	44lx	37lx	31lx	27lx	24lx	21lx	18lx	16lx	15lx	13lx
493.2fc	123.3fc	54.8fc	30.8fc	19.7fc	13.7fc	10.1fc	7.7fc	6.1fc	4.9fc	4.1fc	3.4fc	2.9fc	2.5fc	2.2fc	1.9fc	1.7fc	1.5fc	1.4fc	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°
5309	5246	5059	4776	4426	4033	3624	3219	2827	2452	2107	1797	1518	1272	1056	869	712	582	475	389
100%	99%	95%	90%	83%	76%	68%	61%	53%	46%	40%	34%	29%	24%	20%	16%	13%	11%	9%	7%

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°
5309	5246	5059	4776	4426	4033	3624	3219	2827	2452	2107	1797	1518	1272	1056	869	712	582	475	389
100%	99%	95%	90%	83%	76%	68%	61%	53%	46%	40%	34%	29%	24%	20%	16%	13%	11%	9%	7%

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°
5309	5246	5059	4776	4426	4033	3624	3219	2827	2452	2107	1797	1518	1272	1056	869	712	582	475	389
100%	99%	95%	90%	83%	76%	68%	61%	53%	46%	40%	34%	29%	24%	20%	16%	13%	11%	9%	7%

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°
5309	5246	5059	4776	4426	4033	3624	3219	2827	2452	2107	1797	1518	1272	1056	869	712	582	475	389
100%	99%	95%	90%	83%	76%	68%	61%	53%	46%	40%	34%	29%	24%	20%	16%	13%	11%	9%	7%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
16.9°	34.9°	50.4°	99.4%	99.0%