

Photometric / Colorimetric / Electric Report

Fixture Model:

202-S-HI-30-25-PR1-2-FLS-2

Trim Model:

Date:

7/31/2026



Light efficiency:

66 Lumen/Watt

Light quality:

CRI: 93.3

Color temperature:

3046 K

CIE 1931:

x: 0.433
y: 0.402

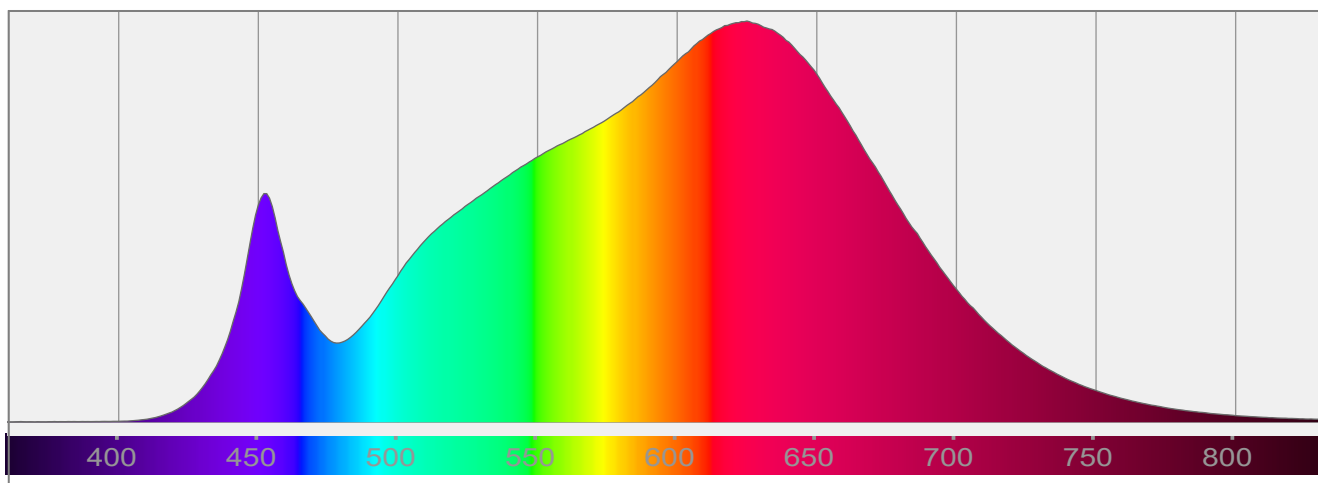
Output: 873 lm

Peak: 3369 cd

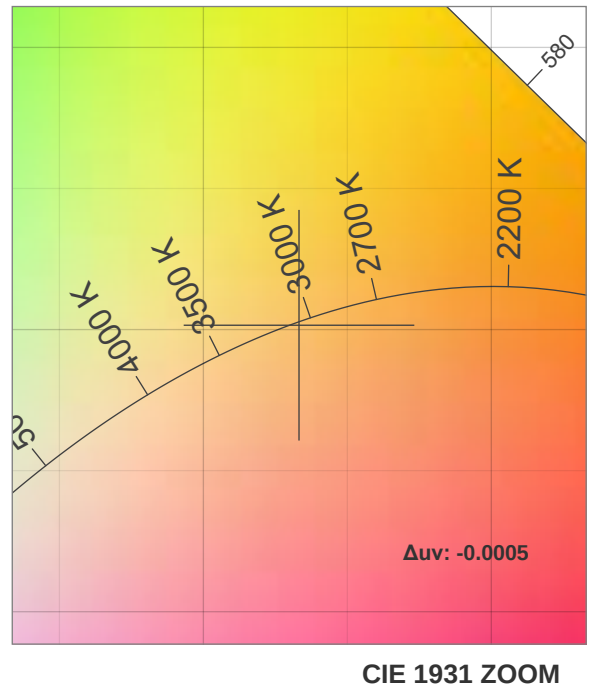
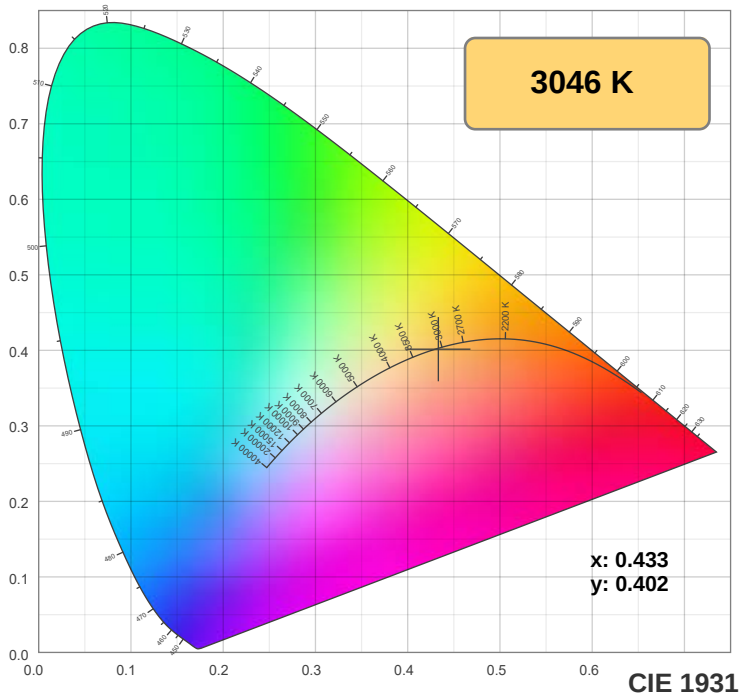
Power: 13.3 W

PF: 0.99

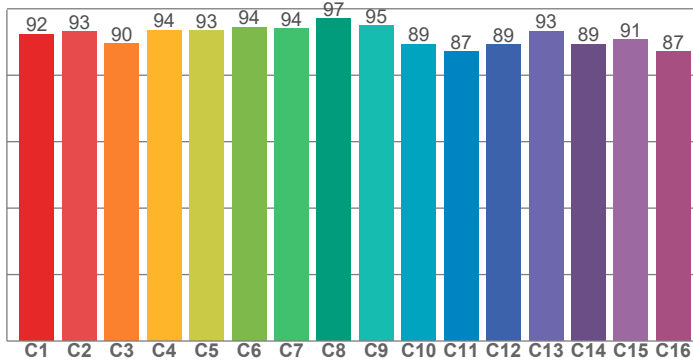
Spectra:



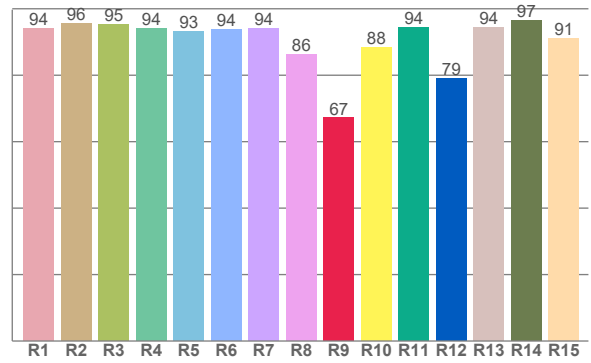
Color Details



TM-30: 91.9



CRI: 93.3 (R1-R8)



CRI R Values:

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
94.0	95.6	95.3	94.1	93.1	93.9	94.2	86.2	67.1	88.3	94.3	79.0	94.4	96.6	91.1

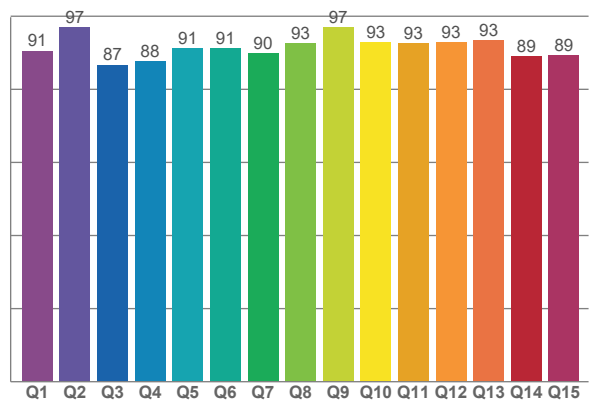
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92.4	93.3	89.5	93.6	93.3	94.5	94.0	97.1	94.9	89.4	87.2	89.3	93.3	89.4	90.8	87.1

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
90.5	97.1	86.7	87.6	91.3	91.2	89.9	92.7	97.0	92.8	92.6	92.9	93.3	89.1	89.4

CQS: 91.0



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3046 K	93.3	67.1	91.9	100.7	91.0	0.433	0.402	0.249	0.347	-0.0005

TM-30 Details

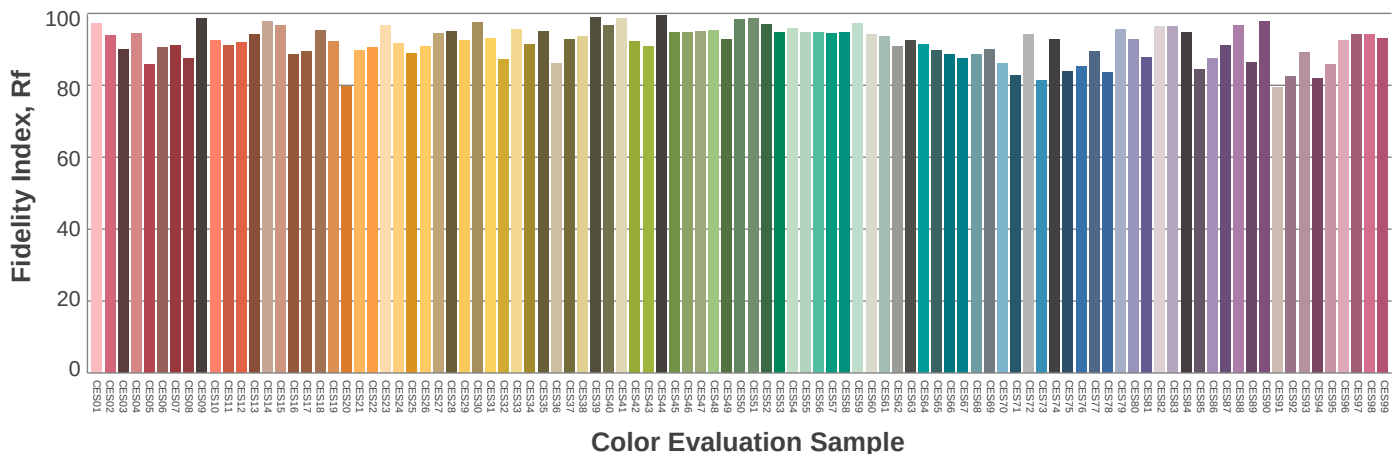
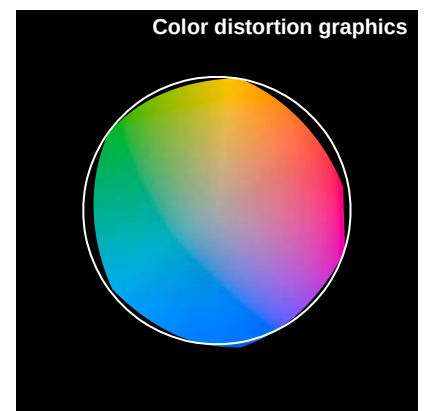
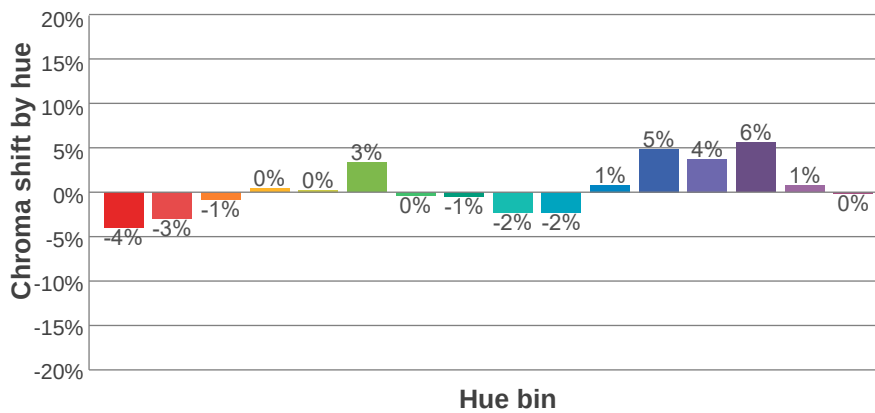
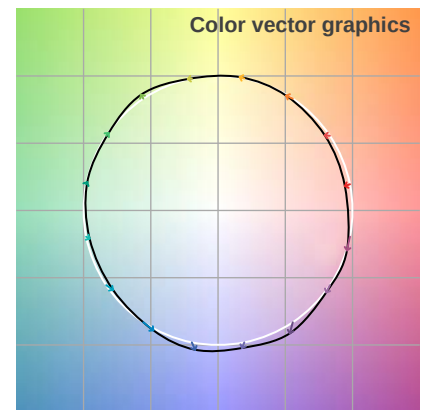
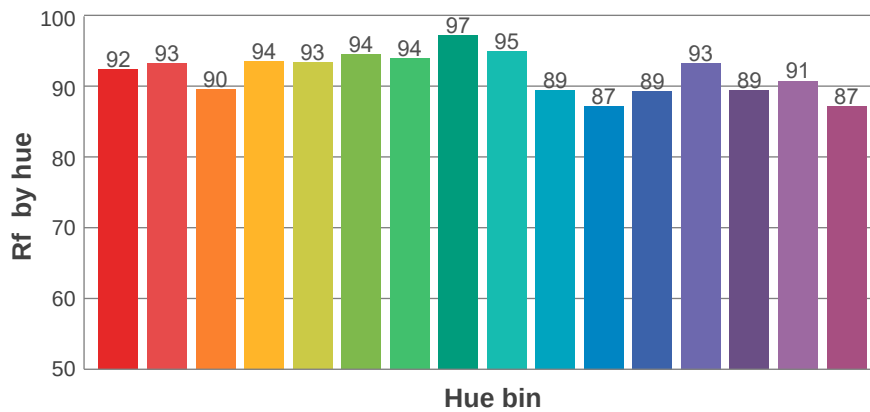
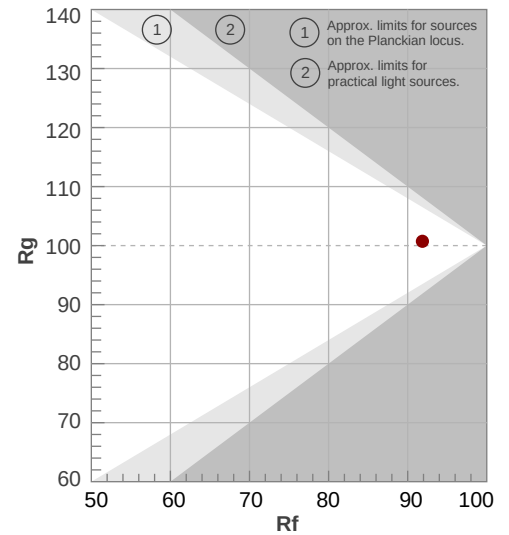
Rf 91.9

Fidelity index Rf

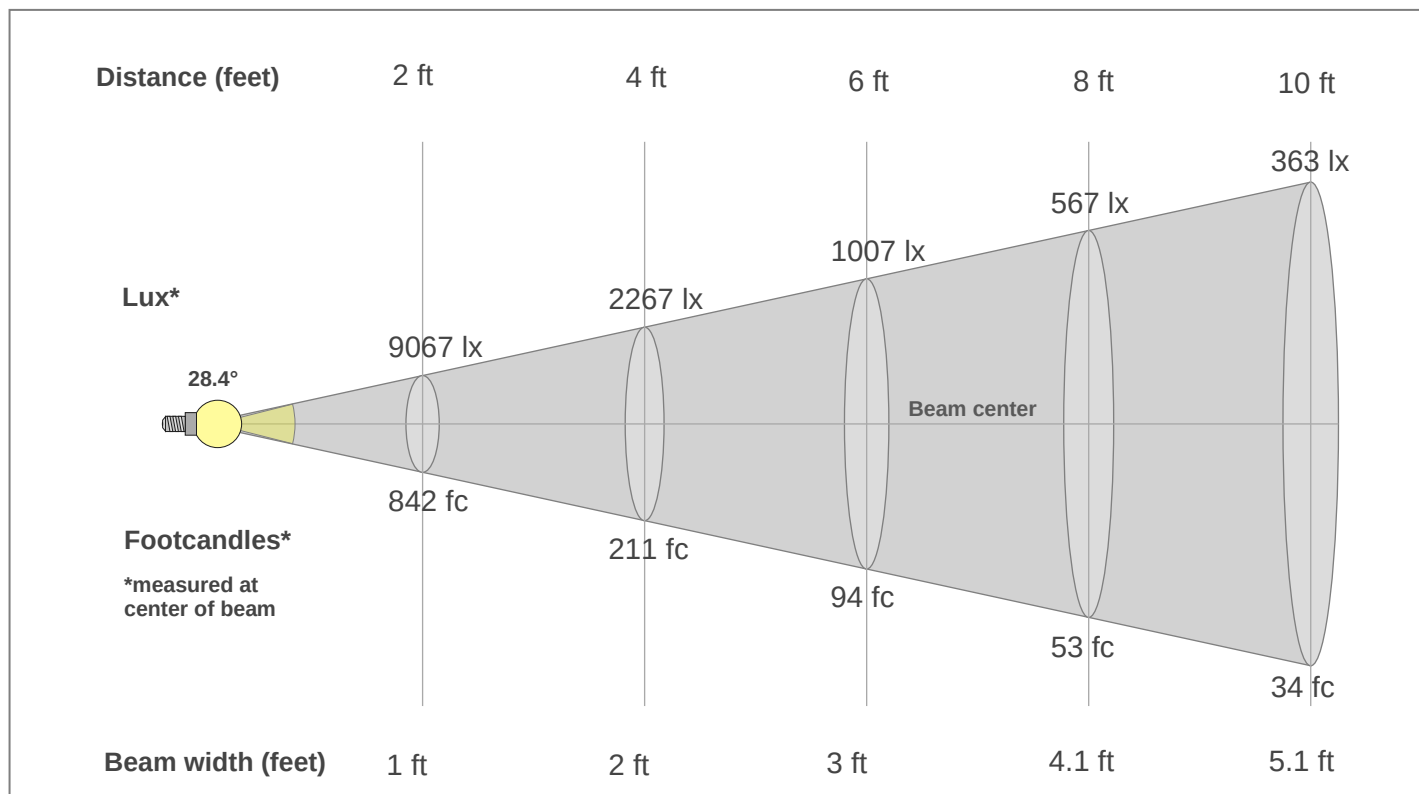
Rg 100.7

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	92	-4%	-1%
2	93	-3%	2%
3	90	-1%	5%
4	94	0%	4%
5	93	0%	3%
6	94	3%	0%
7	94	0%	-3%
8	97	-1%	-2%
9	95	-2%	2%
10	89	-2%	6%
11	87	1%	9%
12	89	5%	3%
13	93	4%	-2%
14	89	6%	-6%
15	91	1%	-6%
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
3369lx	842lx	374lx	211lx	135lx	94lx	69lx	53lx	42lx	34lx	28lx	23lx	20lx	17lx	15lx	13lx	12lx	10lx	9lx	8lx
313fc	78.3fc	34.8fc	19.6fc	12.5fc	8.7fc	6.4fc	4.9fc	3.9fc	3.1fc	2.6fc	2.2fc	1.9fc	1.6fc	1.4fc	1.2fc	1.1fc	1fc	0.9fc	0.8fc

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°
3369	3338	3226	3033	2782	2486	2130	1731	1320	931	624	425	303	223	167	127	96	74	57	43
100%	99%	96%	90%	83%	74%	63%	51%	39%	28%	19%	13%	9%	7%	5%	4%	3%	2%	2%	1%

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°
3369	3338	3226	3033	2782	2486	2130	1731	1320	931	624	425	303	223	167	127	96	74	57	43
100%	99%	96%	90%	83%	74%	63%	51%	39%	28%	19%	13%	9%	7%	5%	4%	3%	2%	2%	1%

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°
3369	3338	3226	3033	2782	2486	2130	1731	1320	931	624	425	303	223	167	127	96	74	57	43
100%	99%	96%	90%	83%	74%	63%	51%	39%	28%	19%	13%	9%	7%	5%	4%	3%	2%	2%	1%

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°
3369	3338	3226	3033	2782	2486	2130	1731	1320	931	624	425	303	223	167	127	96	74	57	43
100%	99%	96%	90%	83%	74%	63%	51%	39%	28%	19%	13%	9%	7%	5%	4%	3%	2%	2%	1%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
28.4°	46.7°	66°	99.4%	98.8%