

## Photometric / Colorimetric / Electric Report

Fixture Model:

200-HD-WD-R-WD2-60-DIM1-2-HD-WD\_IC-WD-FLR-2-WW-20d

Trim Model:

FLR-2-WW-WH

Date:

2/25/2022



Light efficiency:

46 Lumen/Watt

Light quality:

CRI: 96.9

Color temperature:

2897 K

CIE 1931:

x: 0.442  
y: 0.401

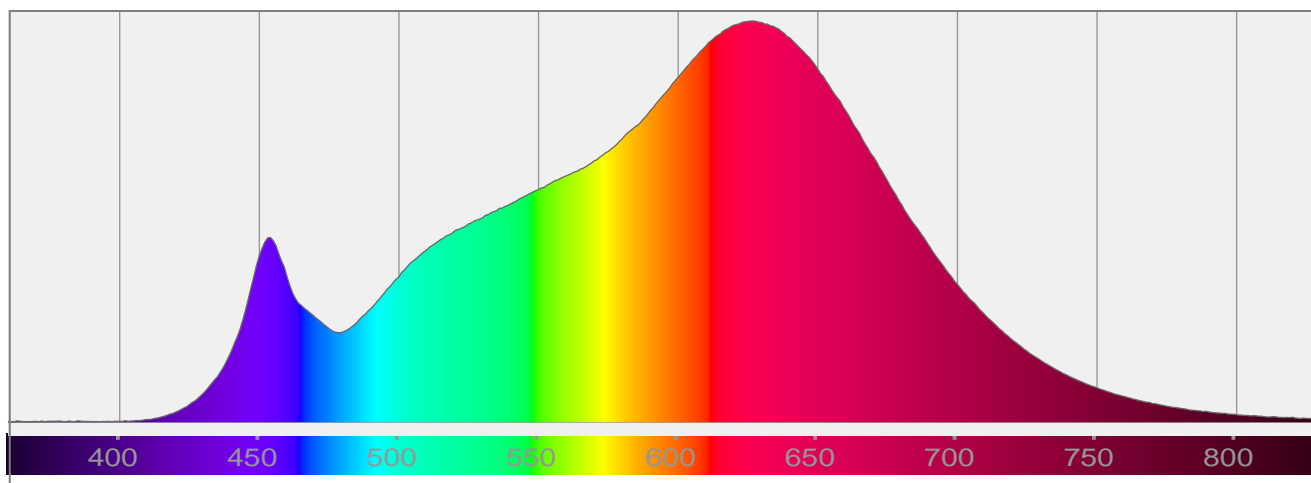
Output: 669 lm

Peak: 529 cd

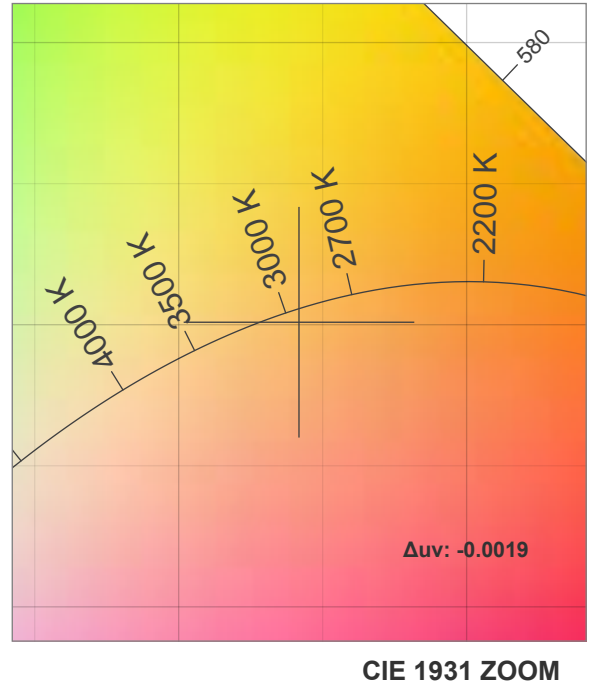
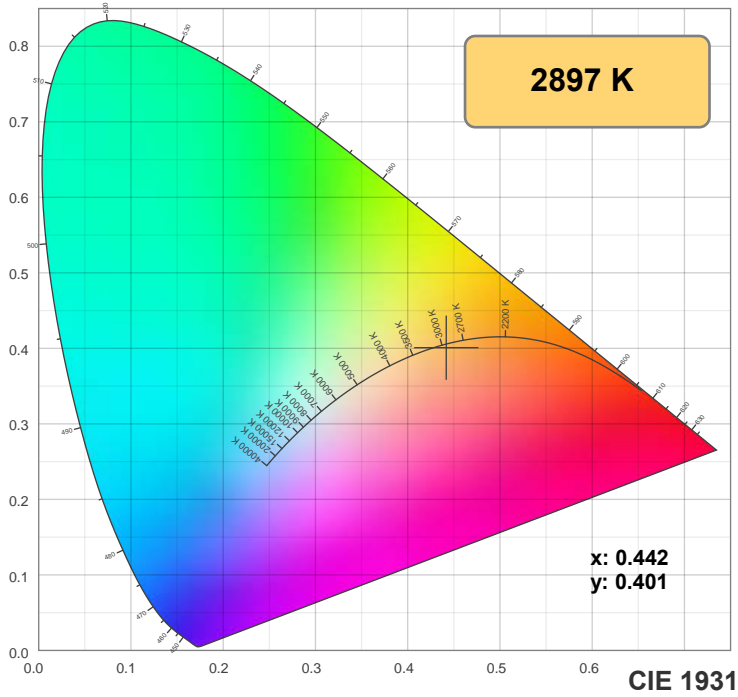
Power: 14.7 W

PF: 0.99

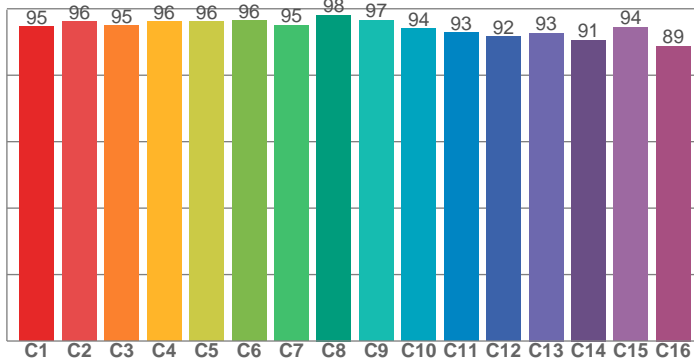
Spectra:



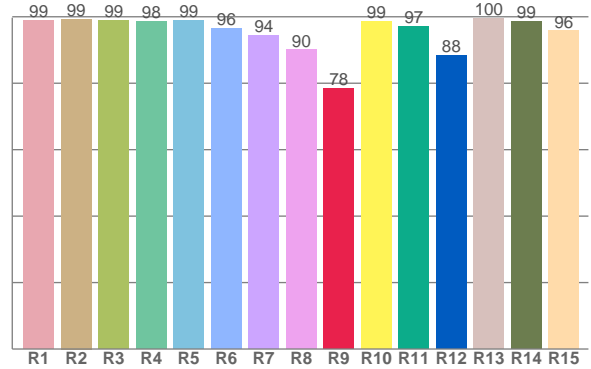
## Color Details



**TM-30: 94.4**



**CRI: 96.9 (R1-R8)**



**CRI R Values:**

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.8	99.3	98.9	98.5	99.0	96.4	94.5	90.0	78.4	98.6	97.0	88.4	99.5	98.6	95.7

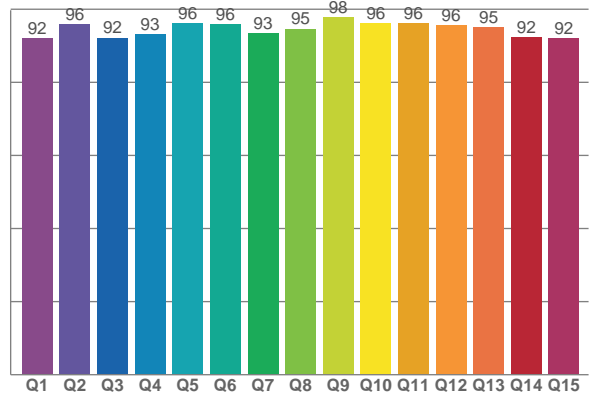
**TM30 C Values:**

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94.8	96.1	94.8	96.1	96.1	96.4	95.1	98.1	96.6	93.9	92.7	91.7	92.7	90.6	94.5	88.8

**CQS Q values:**

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
92.0	96.0	92.2	93.1	96.3	95.9	93.4	94.6	97.7	96.1	96.1	95.6	95.2	92.2	92.0

**CQS: 94.1**



**Color Parameters:**

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
2897 K	96.9	78.4	94.4	100.8	94.1	0.442	0.401	0.255	0.347	-0.0019

# TM-30 Details

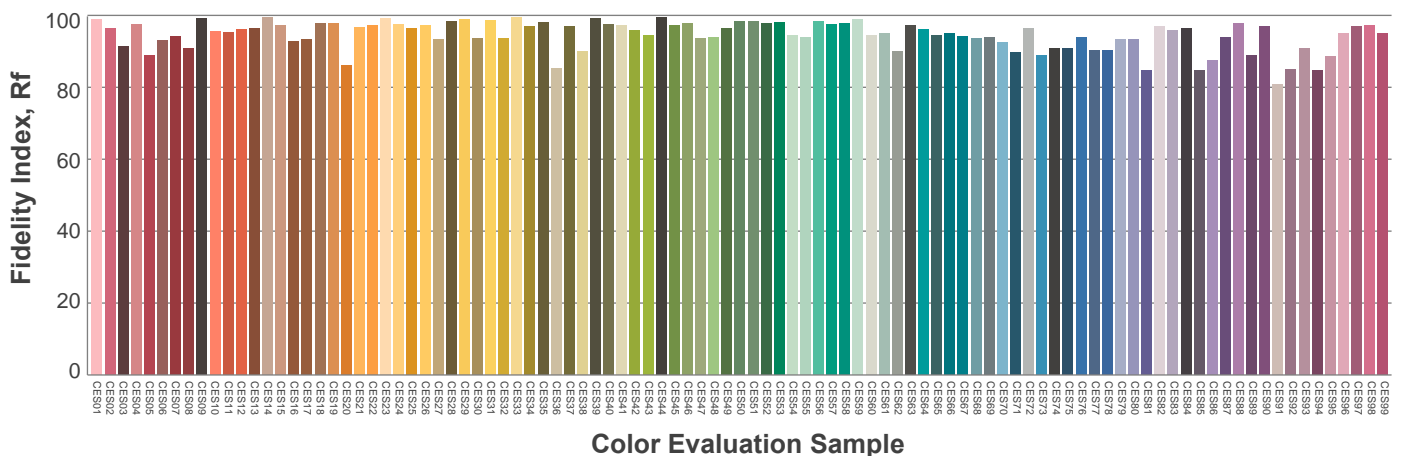
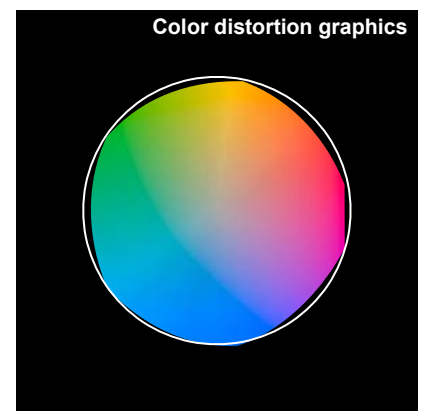
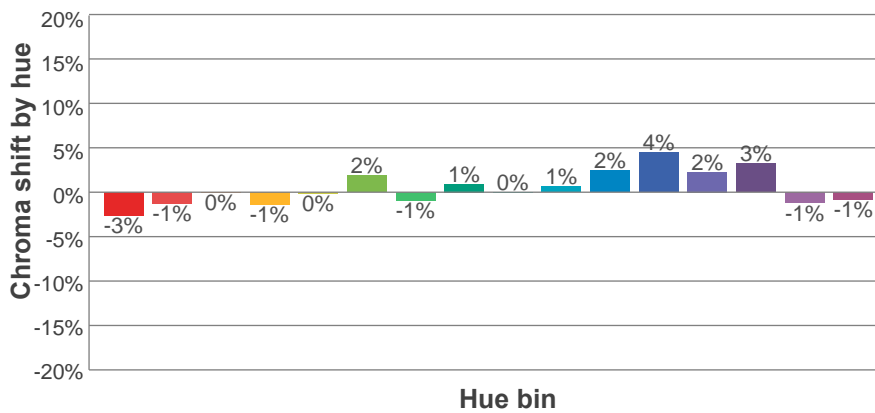
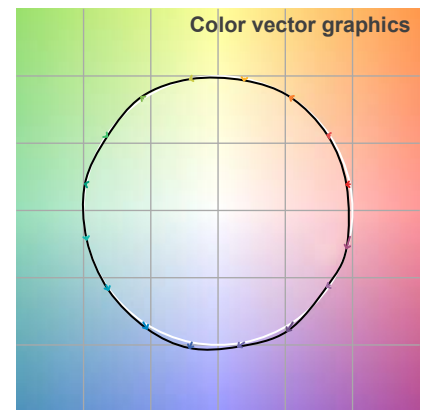
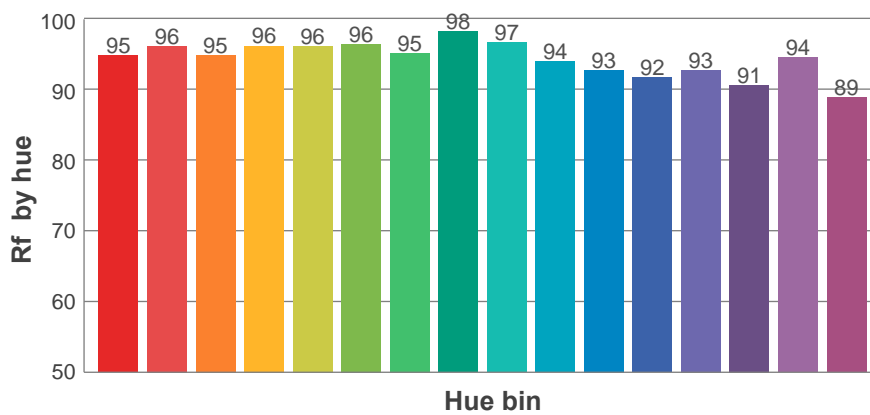
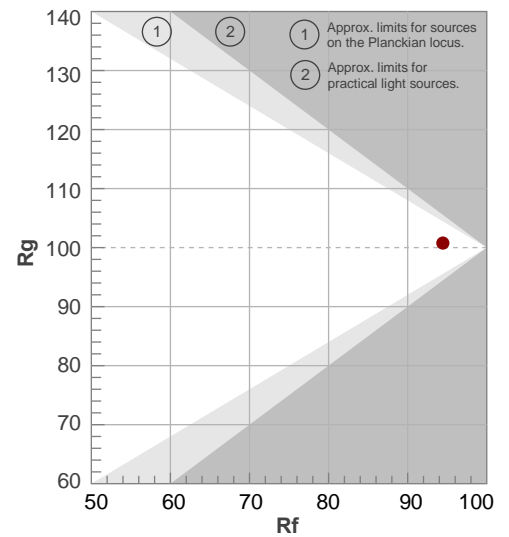
**Rf 94.4**

Fidelity index Rf

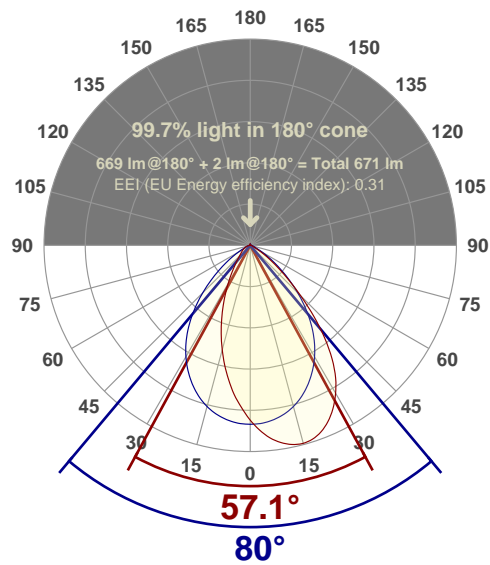
**Rg 100.8**

Gamut index Rg

Hue Bin	R <sub>f</sub>	Shifts (%)	
		Chroma	Hue
1	95	-3%	0%
2	96	-1%	1%
3	95	0%	2%
4	96	-1%	0%
5	96	0%	2%
6	96	2%	1%
7	95	-1%	0%
8	98	1%	0%
9	97	0%	2%
10	94	1%	4%
11	93	2%	5%
12	92	4%	-1%
13	93	2%	-5%
14	91	3%	-7%
15	94	-1%	-2%
16	89	-1%	-9%



## Angular Distribution Through 0° and 90° Planes



**Beam Angle: 80°W x 57.1°L**

## Beam Details

