

Photometric / Colorimetric / Electric Report

Fixture Model:

200-HD-WD-S-WD2-40-DIM1-2-350-FLS-2-WW-20d

Trim Model:

FLS-2-WW-WH

Date:

3/16/2022



Light efficiency:

47 Lumen/Watt

Light quality:

CRI: 96.7

Color temperature:

2902 K

CIE 1931:

x: 0.441
y: 0.400

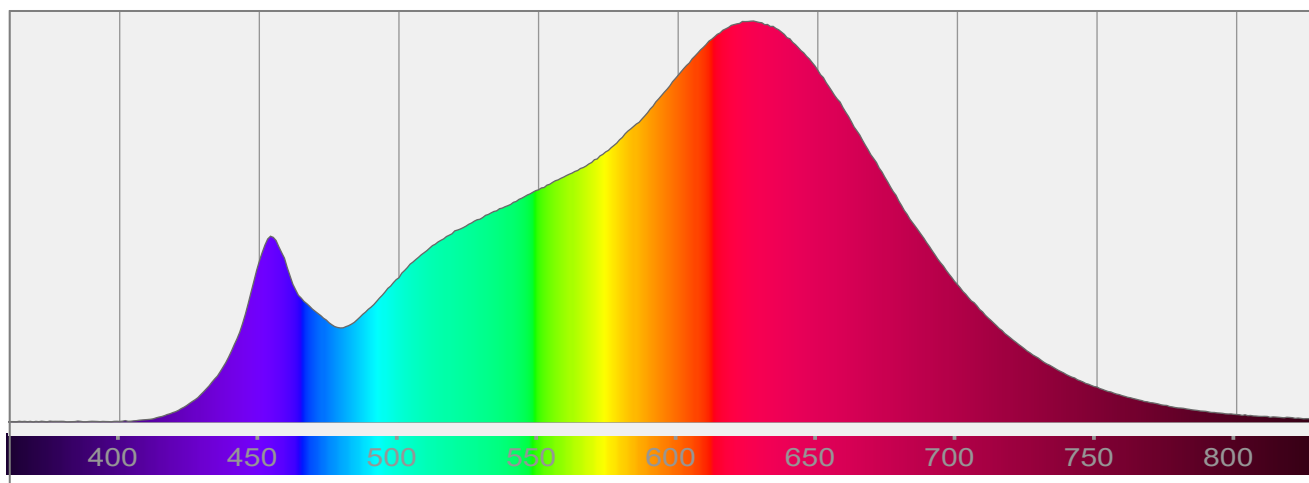
Output: 685 lm

Peak: 673 cd

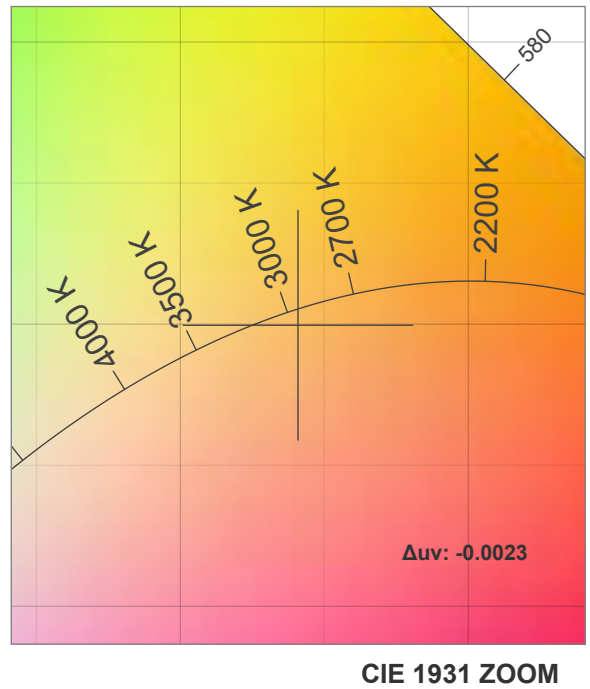
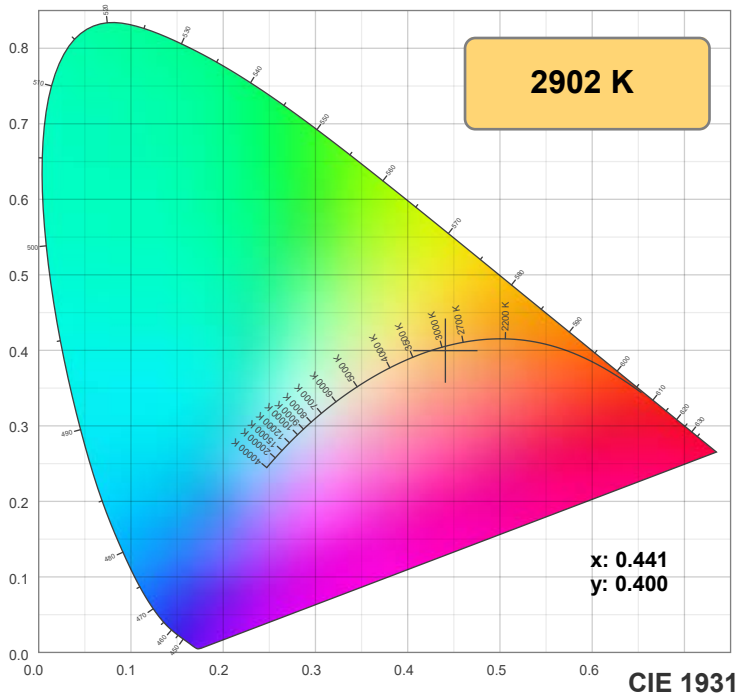
Power: 14.6 W

PF: 1.0

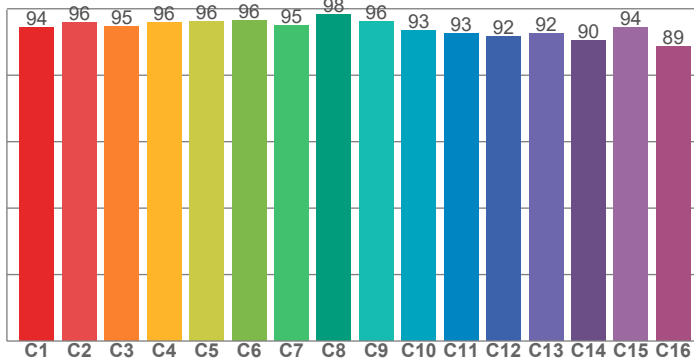
Spectra:



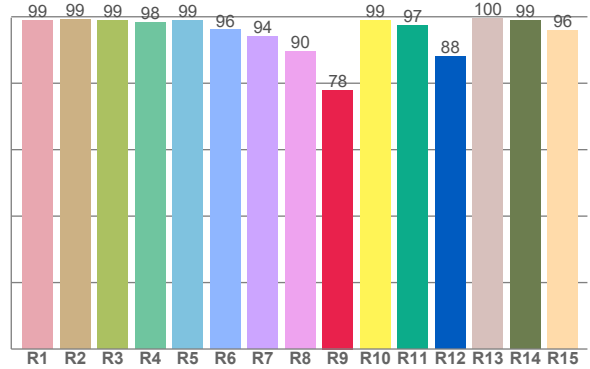
Color Details



TM-30: 94.3



CRI: 96.7 (R1-R8)



CRI R Values:

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.8	99.2	99.0	98.4	98.9	96.0	94.0	89.6	78.0	99.0	97.3	88.2	99.5	98.9	95.8

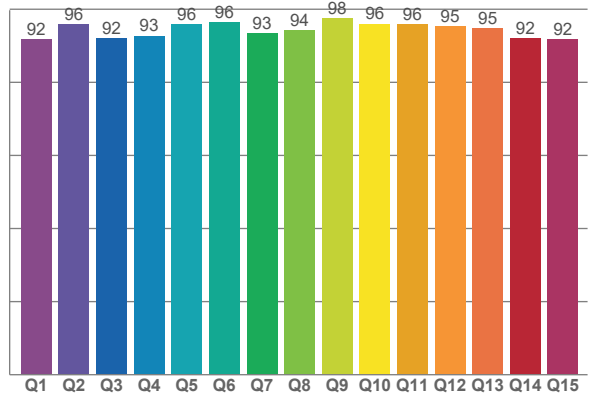
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94.5	95.9	94.7	96.0	96.1	96.5	94.9	98.3	96.0	93.4	92.5	91.6	92.5	90.4	94.2	88.7

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
91.8	95.9	92.2	92.7	95.8	96.4	93.4	94.4	97.6	96.0	95.8	95.2	94.8	92.0	91.8

CQS: 94.0



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
2902 K	96.7	78.0	94.3	100.6	94.0	0.441	0.400	0.255	0.347	-0.0023

TM-30 Details

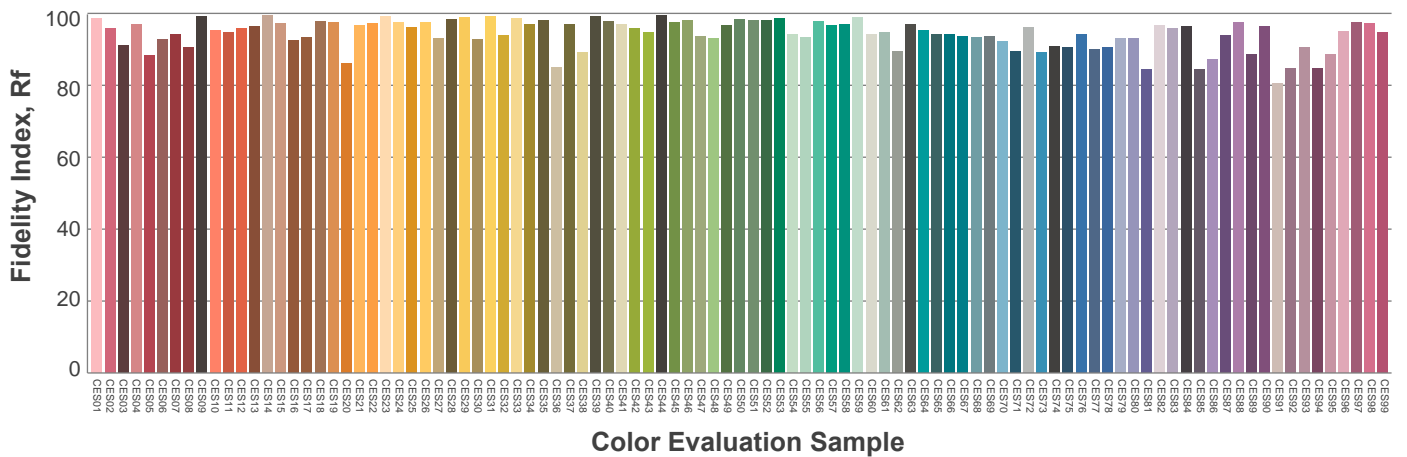
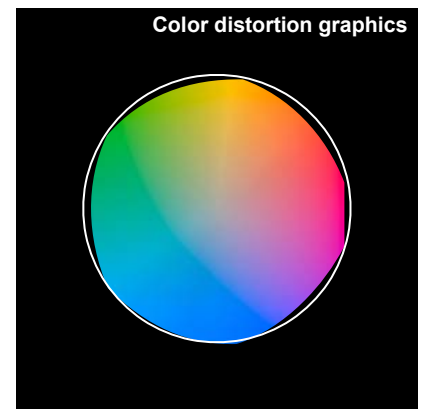
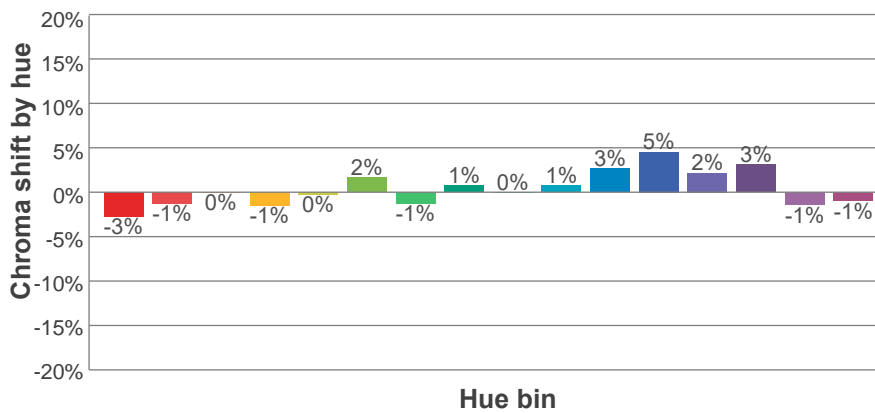
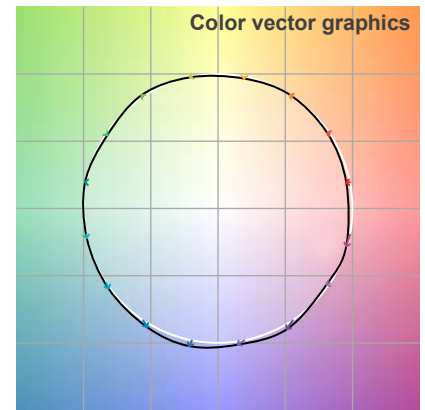
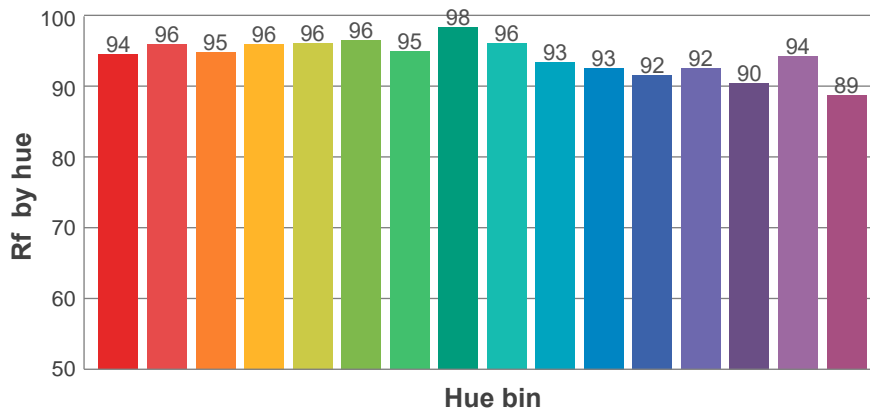
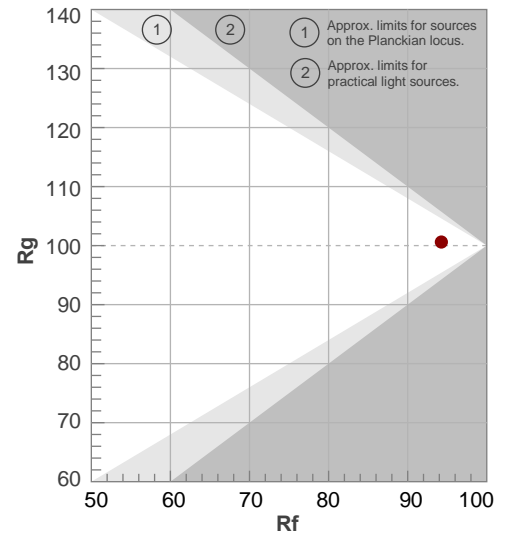
Rf 94.3

Fidelity index Rf

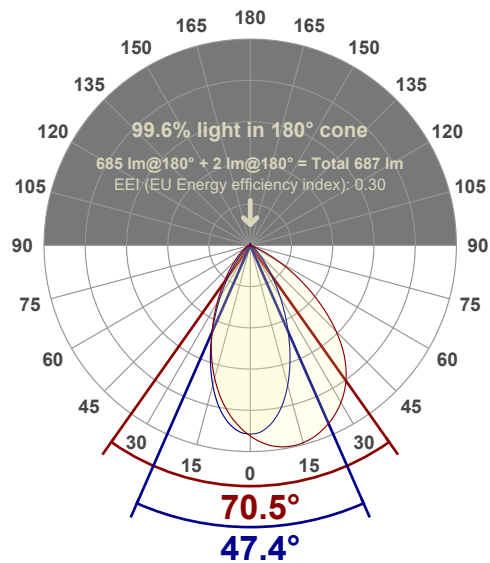
Rg 100.6

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	94	-3%	0%
2	96	-1%	1%
3	95	0%	2%
4	96	-1%	0%
5	96	0%	1%
6	96	2%	0%
7	95	-1%	0%
8	98	1%	0%
9	96	0%	2%
10	93	1%	4%
11	93	3%	5%
12	92	5%	-1%
13	92	2%	-5%
14	90	3%	-7%
15	94	-1%	-2%
16	89	-1%	-9%



Angular Distribution Through 0° and 90° Planes



Beam Angle: 47.4°W x 70.5°L

Beam Details

