

Photometric Details



WURM-RGBW-WSCS-DRY-RGBW-27-SO-ENC-CL-S1-BW-NA

Product name:

WURM-RGBW-WSCS-DRY-RGBW-27-SO-ENC-CL-S1-BW-NA

Date:

8/9/2018

Powering product:

IQ-PH-80-120/24

Output: 107 lm/ft

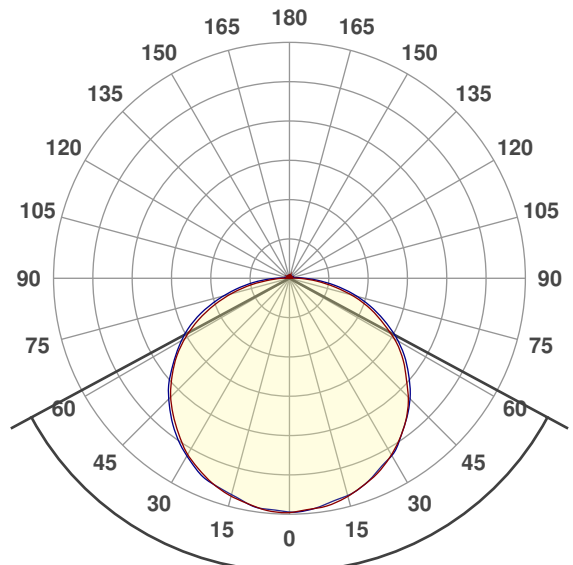
Peak: 32.2 cd

Power: 1.7 W/ft

PF: 1.0



Beam Angle



123.3°

CIE 1931
x: 0.440
y: 0.385



Light efficiency:



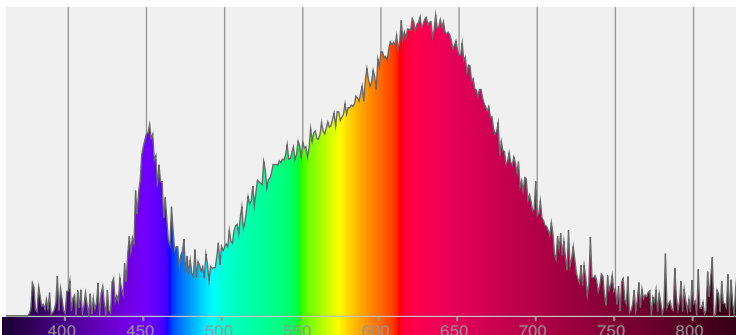
Light quality:



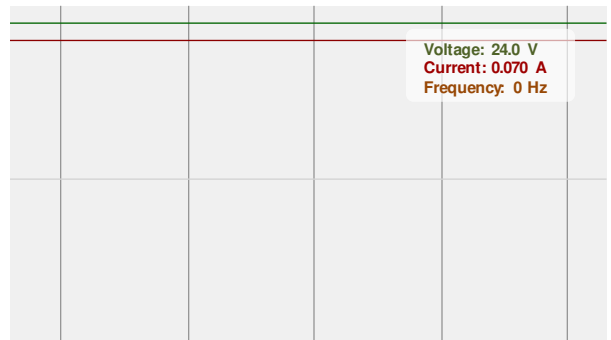
Color temperature:



Spectra

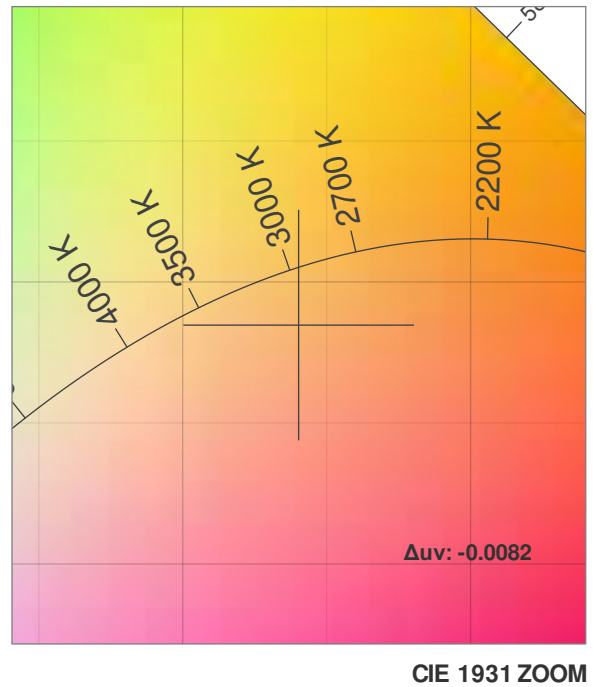
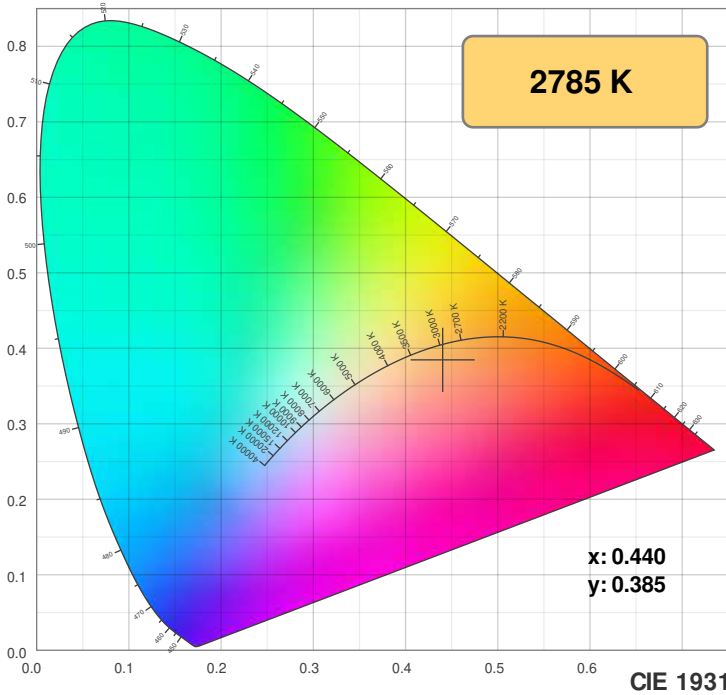


Power



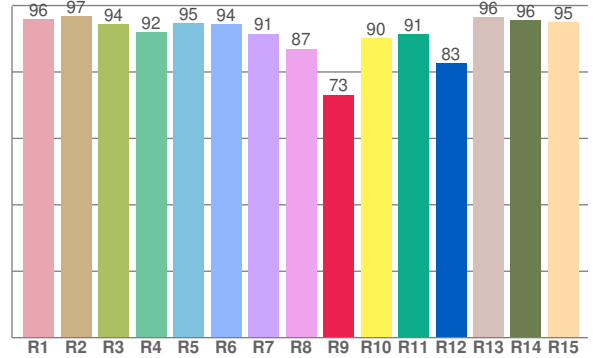
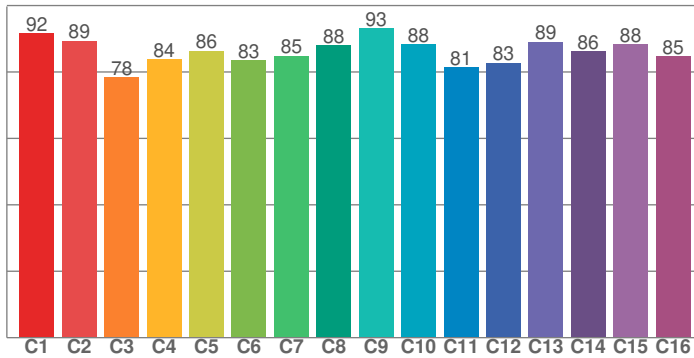
Color Details

WURM-RGBW-WSCS-DRY-RGBW-27-SO-ENC-CL-S1-BW-NA



TM30: 86.4

CRI: 93.3 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96.0	96.8	94.3	92.0	94.7	94.4	91.5	87.0	73.2	90.1	91.4	82.7	96.5	95.6	95.0

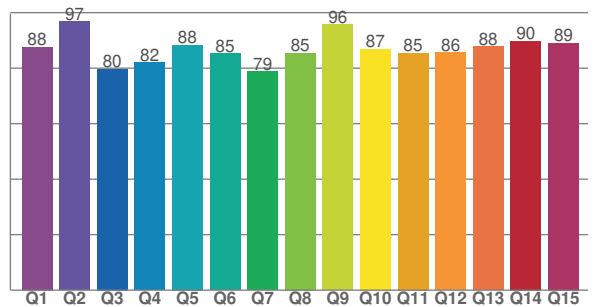
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
91.7	89.3	78.3	83.7	86.3	83.5	84.8	88.0	93.1	88.2	81.4	82.7	89.1	86.2	88.4	84.7

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
87.6	96.7	79.7	81.9	88.4	85.2	78.8	85.5	95.7	86.9	85.4	85.6	87.8	89.8	89.1

CQS: 86.0



Color parameters

Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Color coordinate cie 1931	Color coordinate cie 1931	Color coordinate	Color coordinate	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
2785 K	93.3	73.2	86.4	105.4	86.0	0.440	0.385	0.261	0.343	-0.0082

TM30 Details

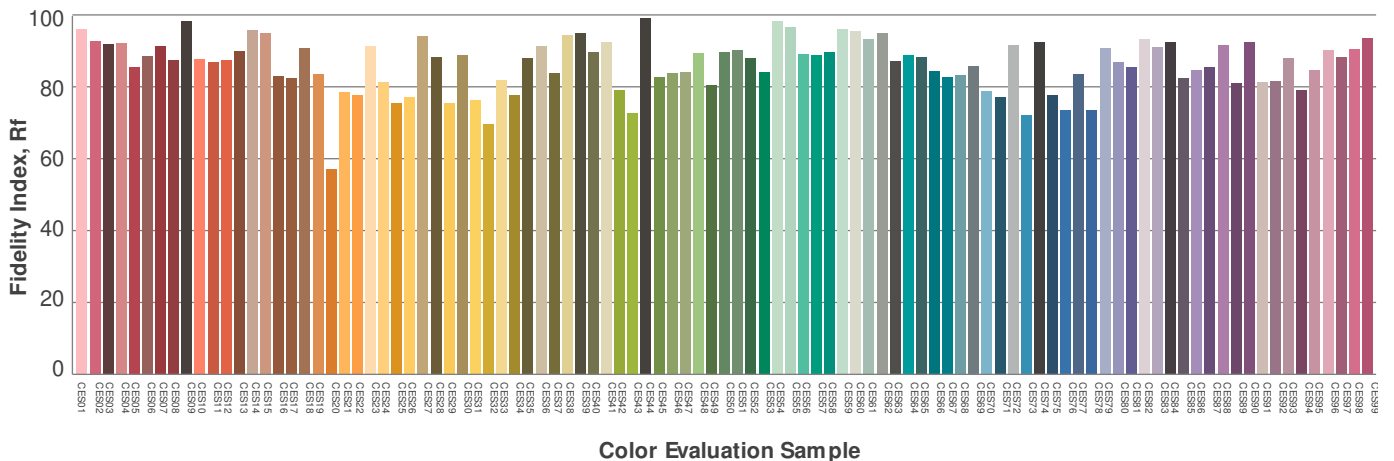
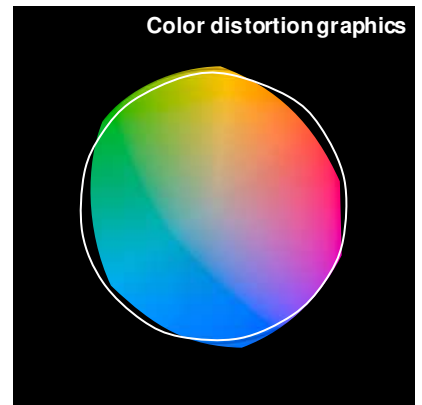
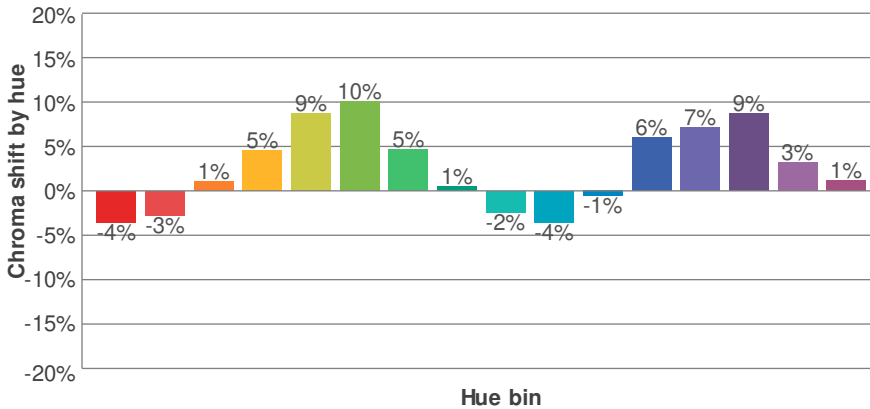
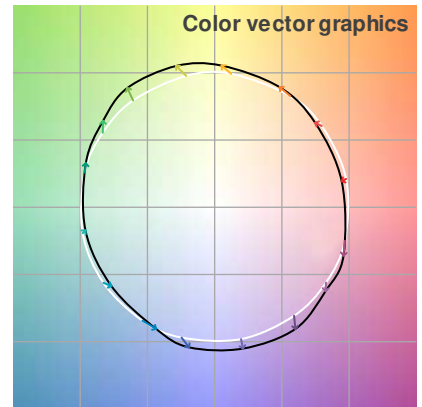
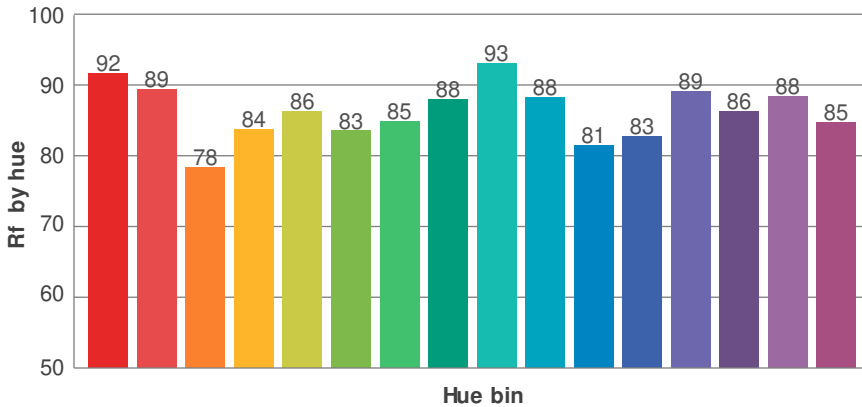
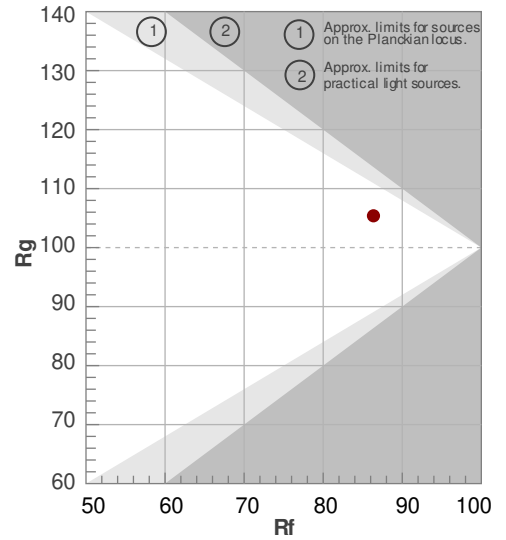
WURM-RGBW-WSCS-DRY-RGBW-27-SO-ENC-CL-S1-BW-NA



Rf 86.4
Fidelity index Rf

Rg 105.4
Gammut index Rg

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	92	-4%	-1%
2	89	-3%	5%
3	78	1%	10%
4	84	5%	8%
5	86	9%	6%
6	83	10%	-2%
7	85	5%	-7%
8	88	1%	-7%
9	93	-2%	-2%
10	88	-4%	5%
11	81	-1%	12%
12	83	6%	7%
13	89	7%	0%
14	86	9%	-5%
15	88	3%	-5%
16	85	1%	-11%



Photometric Details



WURM-RGBW-WSCS-DRY-RGBW-RD-SO-ENC-CL-S1-BW-NA

Product name:

WURM-RGBW-WSCS-DRY-RGBW-RD-SO-ENC-CL-S1-BW-NA

Date:

8/9/2018

Powering product:

IQ-PH-80-120/24

Output: 38.7 lm/ft

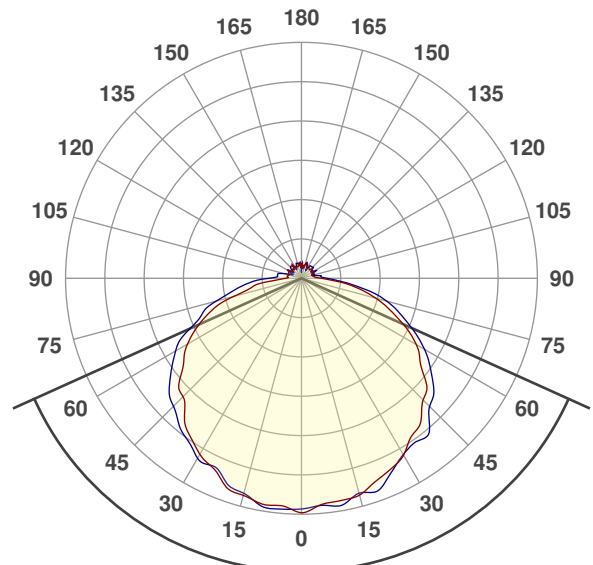
Peak: 9.88 cd

Power: 1.3 W/ft

PF: 1.0



Beam Angle



131.4°

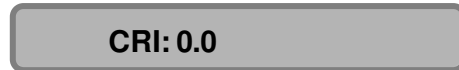
CIE 1931
x: 0.613
y: 0.291



Light efficiency:



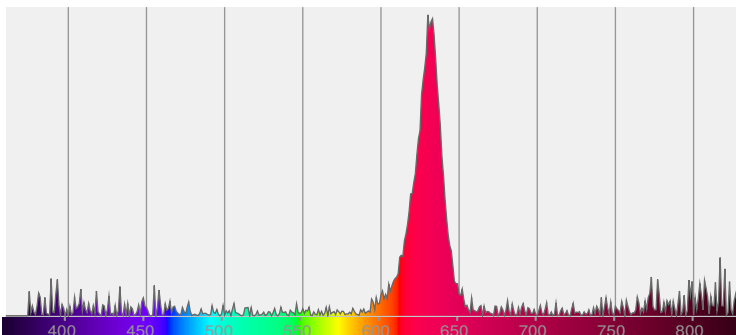
Light quality:



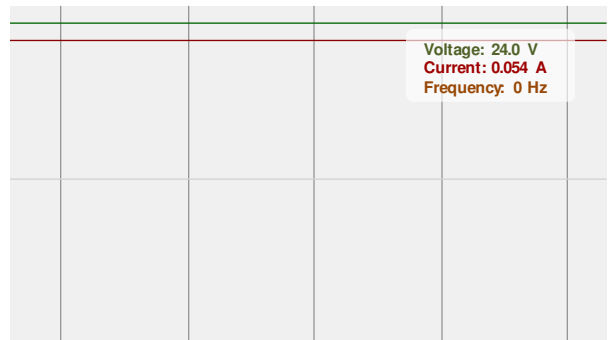
Color temperature:



Spectra



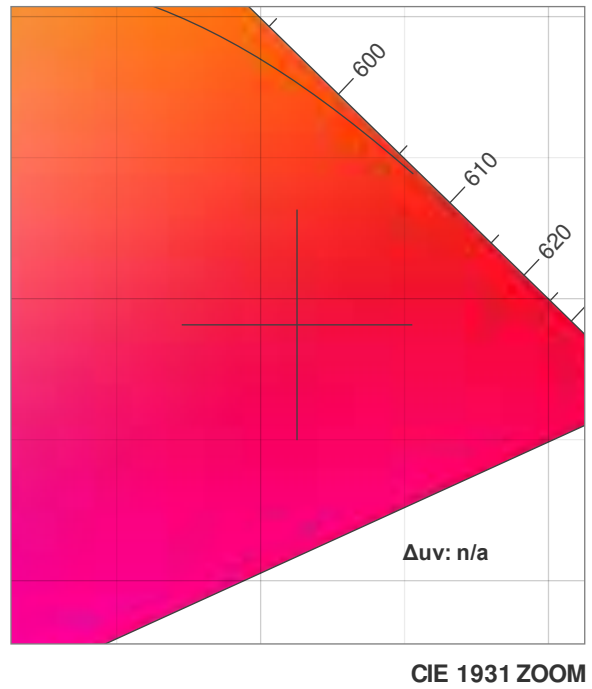
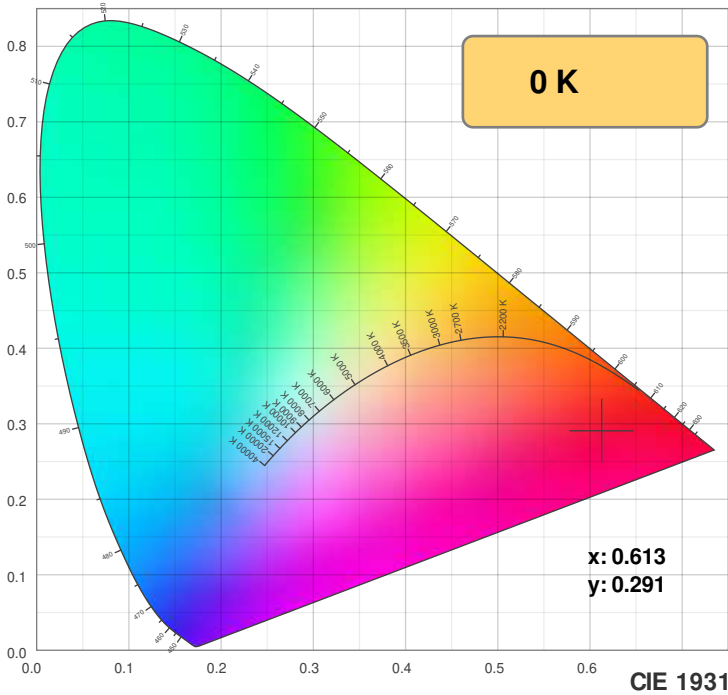
Power



Color Details



WURM-RGBW-WSCS-DRY-RGBW-RD-SO-ENC-CL-S1-BW-NA



TM30: 0.0

CRI: 0.0 (R1-R8)

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15		

CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TM30 C v values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CQS: 0.0

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15		

Color parameters

Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Color coordinate cie 1931	Color coordinate cie 1931	Color coordinate	Color coordinate	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
0 K	0.0	0.0	0.0	0.0	0.0	0.613	0.291	0.466	0.331	n/a

TM30 Details

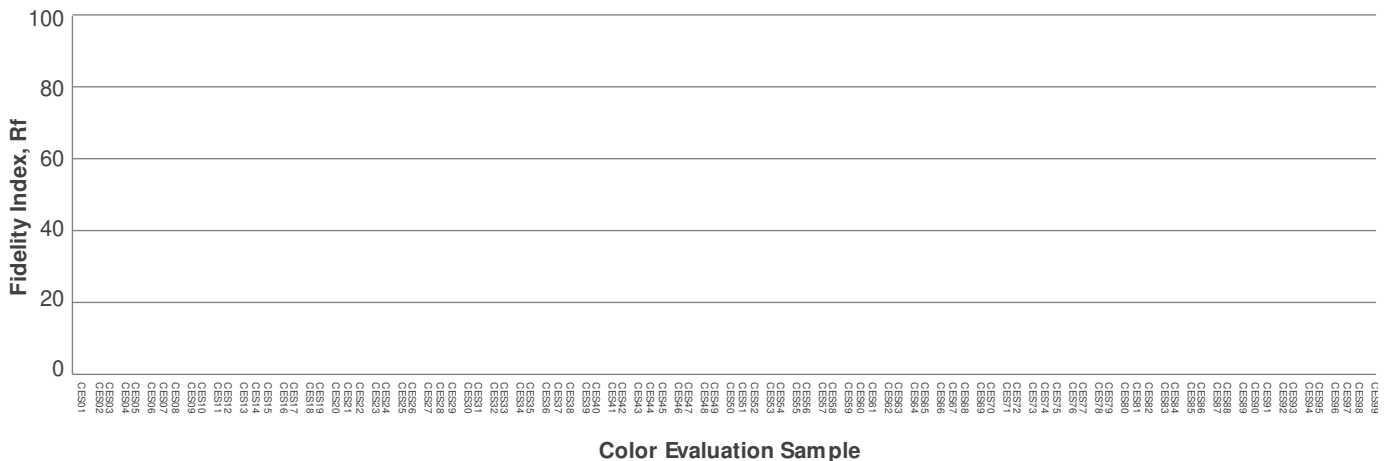
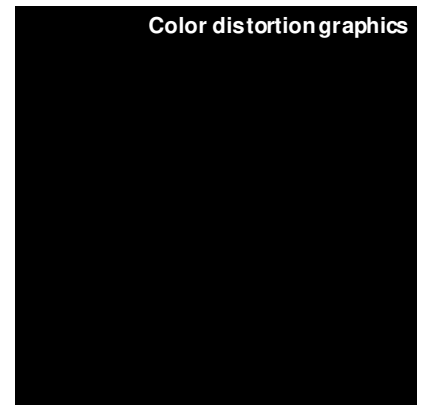
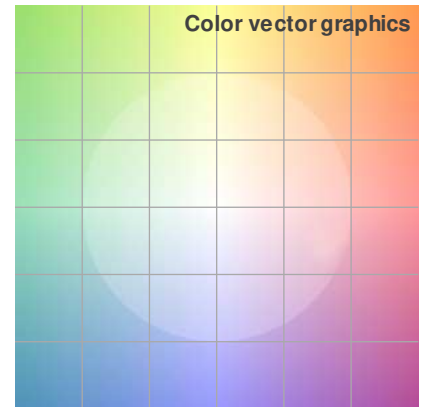
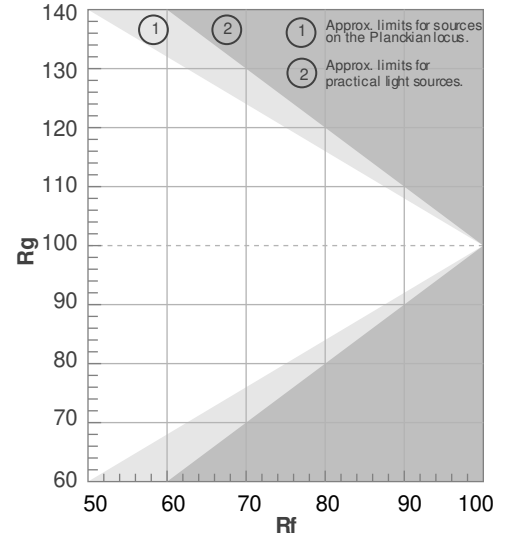
WURM-RGBW-WSCS-DRY-RGBW-RD-SO-ENC-CL-S1-BW-NA



Rf 0.0
Fidelity index Rf

Rg 0.0
Gammut index Rg

Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Photometric Details



WURM-RGBW-WSCS-DRY-RGBW-GR-SO-ENC-CL-S1-BW-NA

Product name:

WURM-RGBW-WSCS-DRY-RGBW-GR-SO-ENC-CL-S1-BW-NA

Date:

8/9/2018

Powering product:

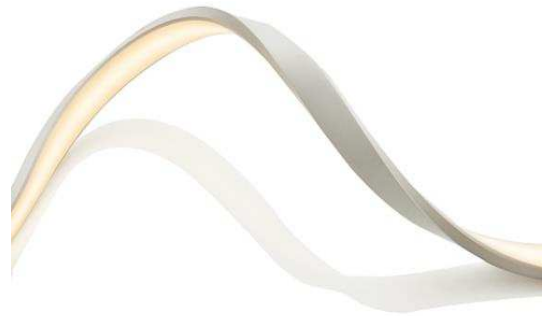
IQ-PH-80-120/24

Output: 120 lm/ft

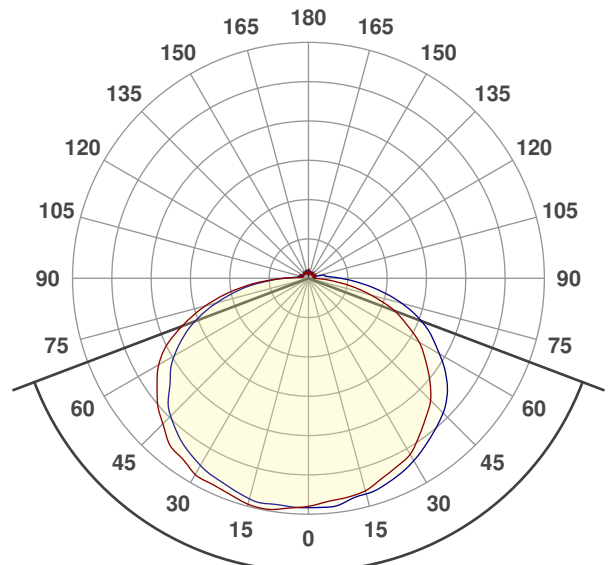
Peak: 29.9 cd

Power: 1.5 W/ft

PF: 1.0



Beam Angle



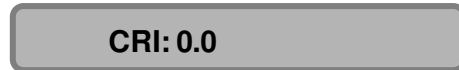
138.5°

CIE 1931
x: 0.145
y: 0.654

Light efficiency:



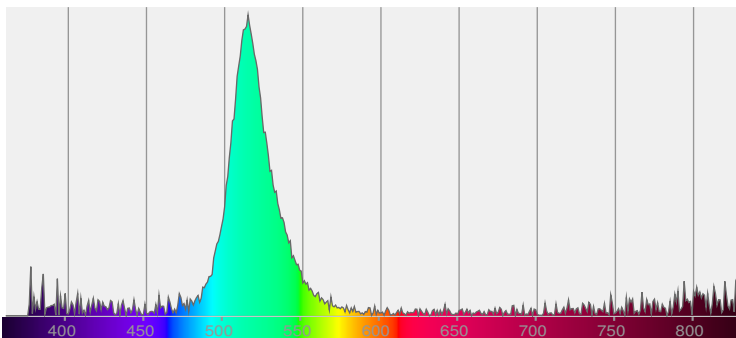
Light quality:



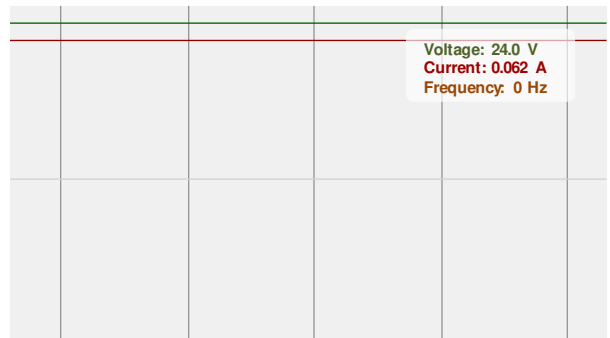
Color temperature:



Spectra

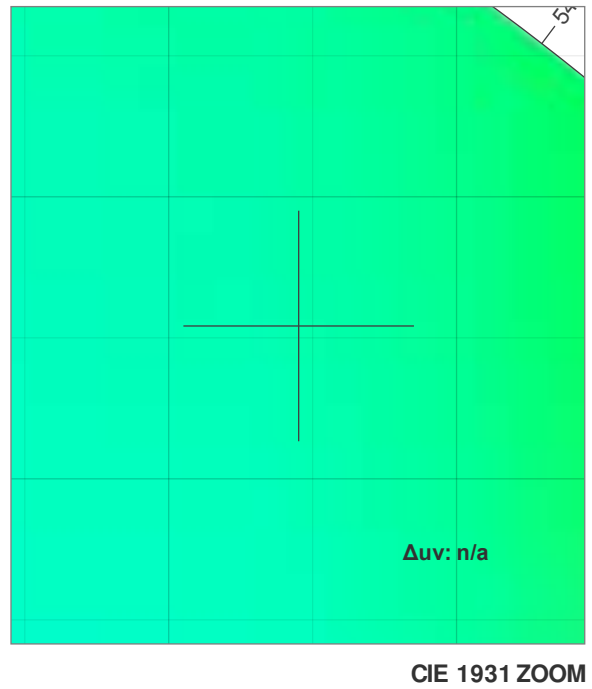
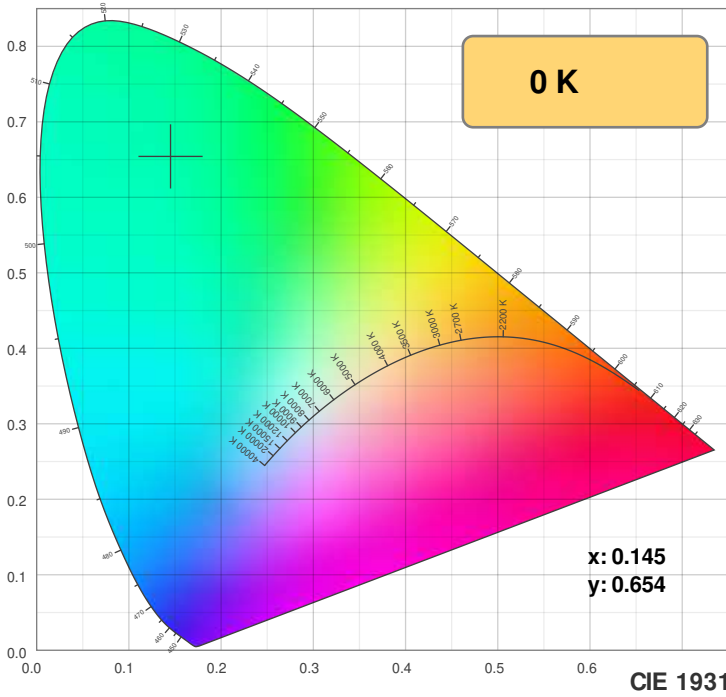


Power



Color Details

WURM-RGBW-WSCS-DRY-RGBW-GR-SO-ENC-CL-S1-BW-NA



TM30:0.0

CRI: 0.0 (R1-R8)

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	

CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TM30 C v values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CQS: 0.0

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	

Color parameters

Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Color coordinate cie 1931	Color coordinate cie 1931	Color coordinate	Color coordinate	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
0 K	0.0	0.0	0.0	0.0	0.0	0.145	0.654	0.055	0.372	n/a

TM30 Details

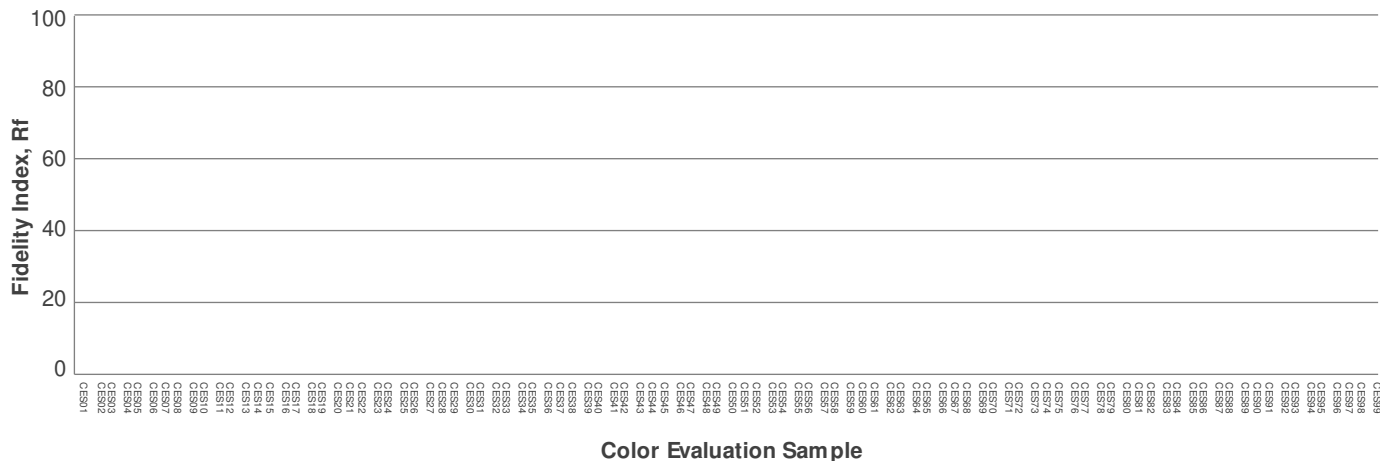
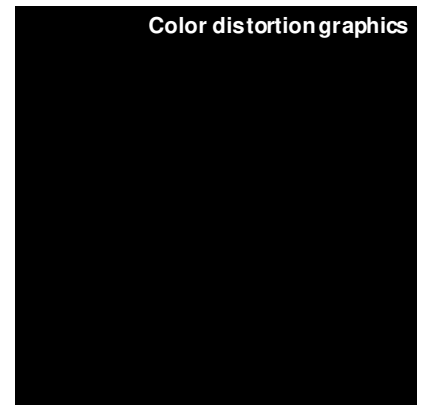
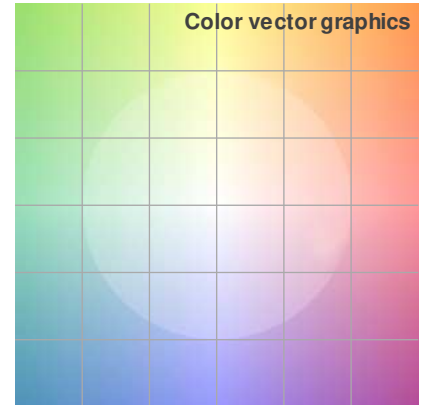
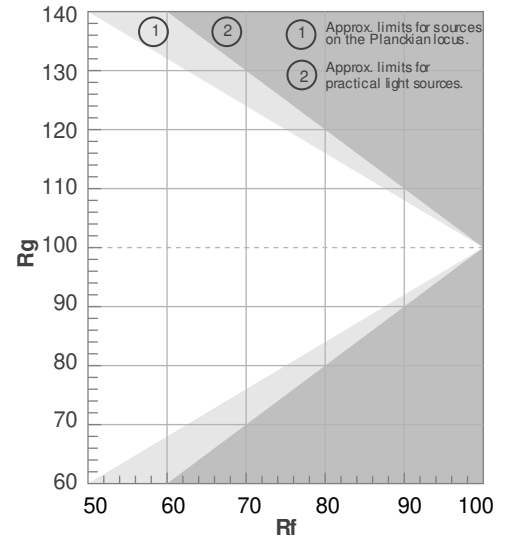
WURM-RGBW-WSCS-DRY-RGBW-GR-SO-ENC-CL-S1-BW-NA



Rf 0.0
Fidelity index Rf

Rg 0.0
Gammut index Rg

Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Photometric Details



WURM-RGBW-WSCS-DRY-RGBW-BL-SO-ENC-CL-S1-BW-NA

Product name:

WURM-RGBW-WSCS-DRY-RGBW-BL-SO-ENC-CL-S1-BW-NA

Date:

8/9/2018

Powering product:

IQ-PH-80-120/24

Output: 30.6 lm/ft

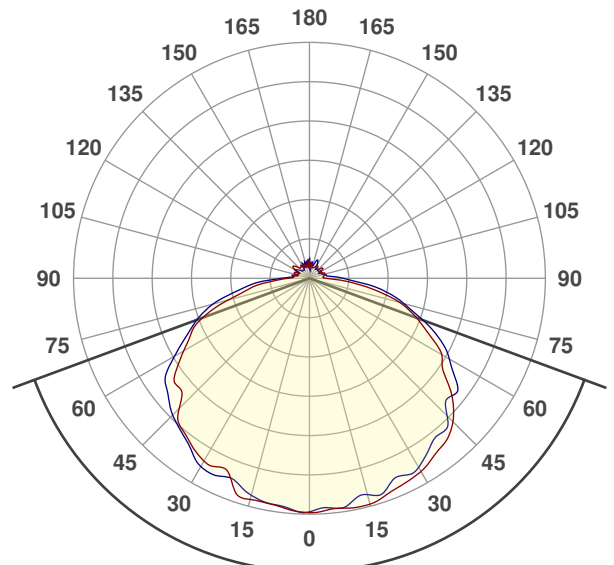
Peak: 7.21 cd

Power: 1.5 W/ft

PF: 1.0



Beam Angle



139.5°

CIE 1931
x: 0.140
y: 0.067



Light efficiency:



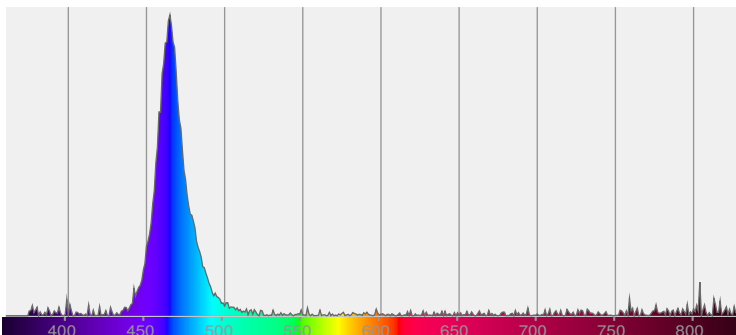
Light quality:



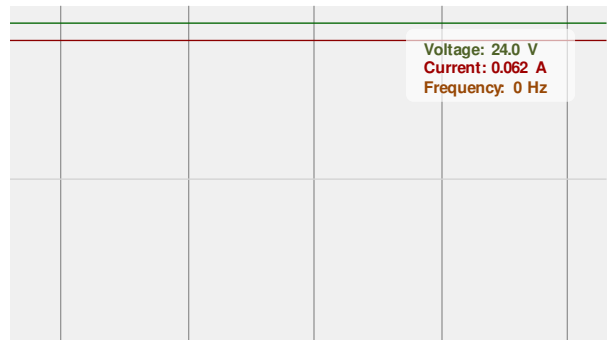
Color temperature:



Spectra

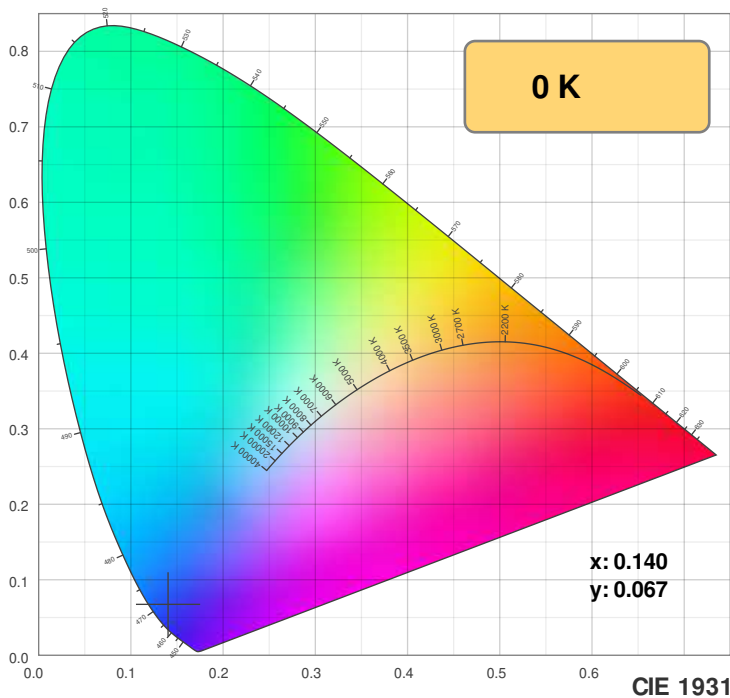


Power

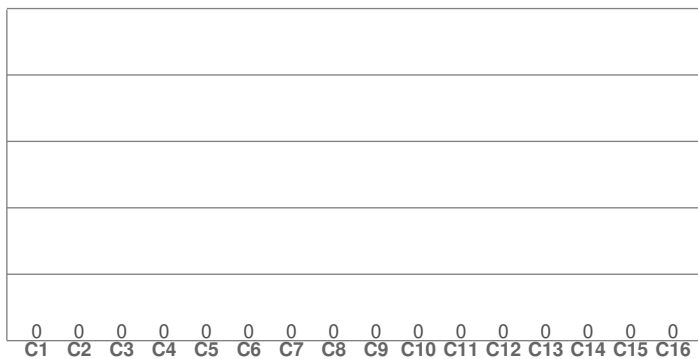


Color Details

WURM-RGBW-WSCS-DRY-RGBW-BL-SO-ENC-CL-S1-BW-NA



TM30:0.0



CRI R values, only R1-R8 are used to calculate final CRI value

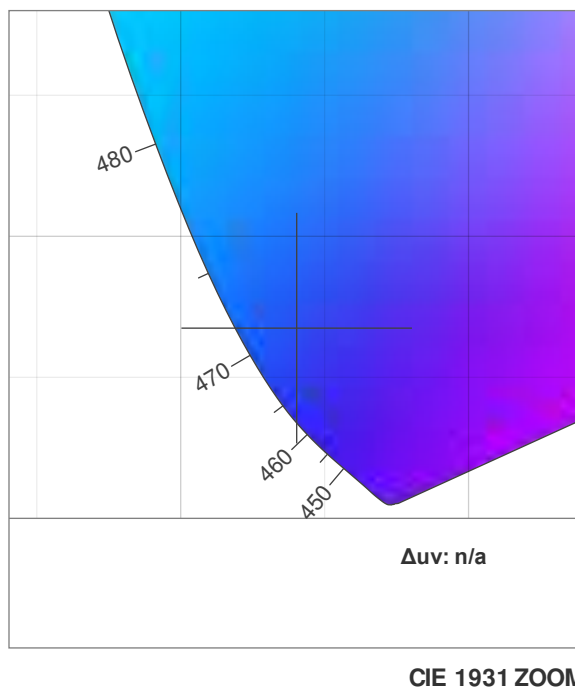
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TM30 C v values, 16 binned values out of total of 99 C v values

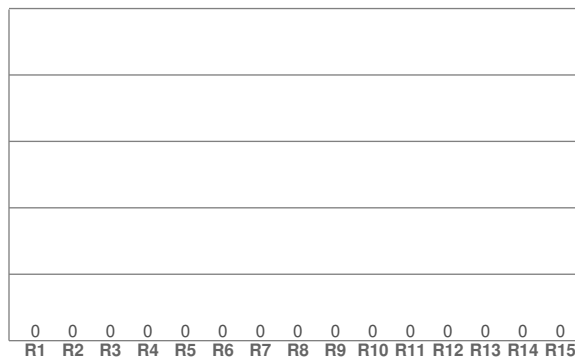
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CQS Q values

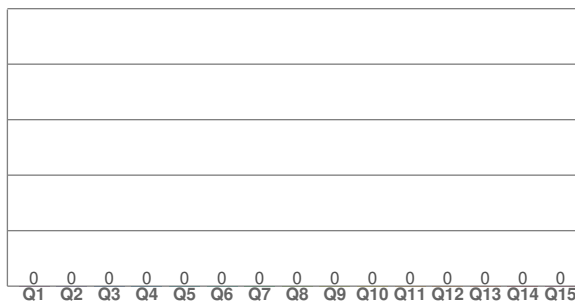
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



CRI: 0.0 (R1-R8)



CQS: 0.0



Color parameters

Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Color coordinate cie 1931	Color coordinate cie 1931	Color coordinate	Color coordinate	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
0 K	0.0	0.0	0.0	0.0	0.0	0.140	0.067	0.159	0.115	n/a

TM30 Details

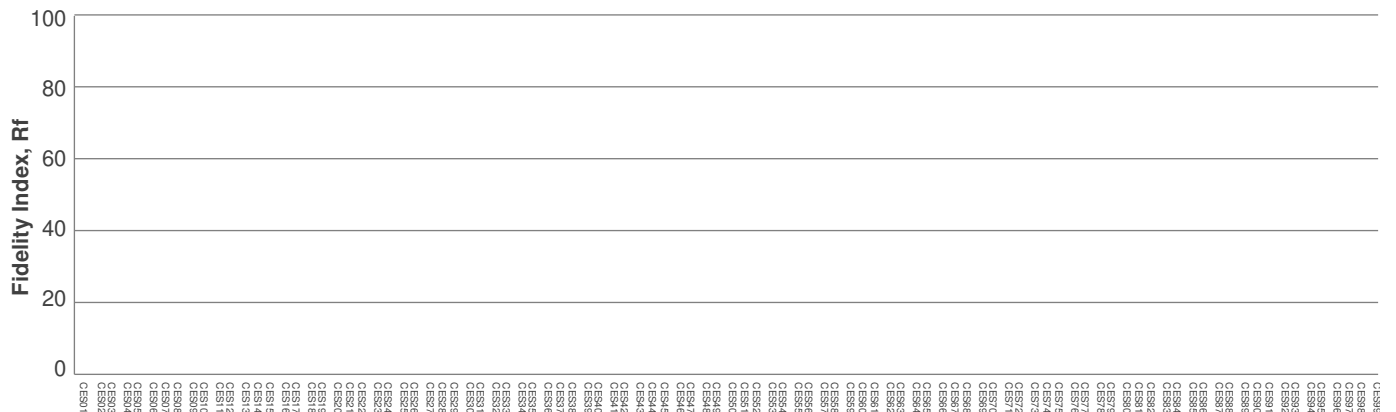
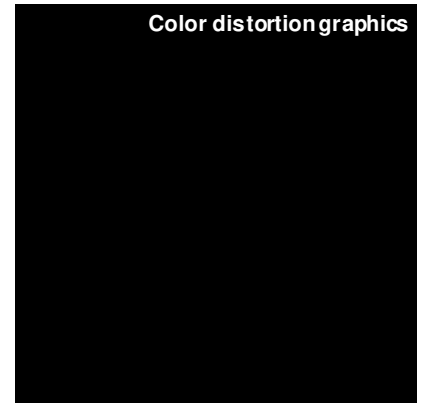
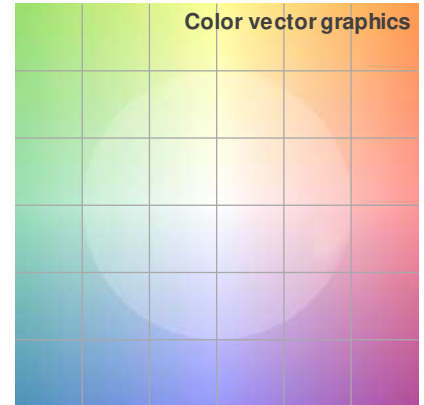
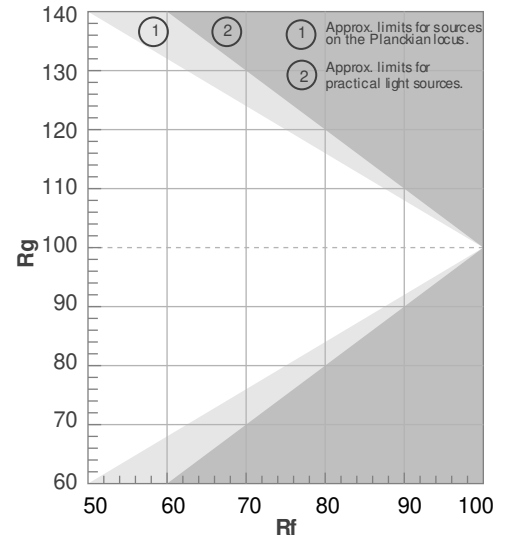
WURM-RGBW-WSCS-DRY-RGBW-BL-SO-ENC-CL-S1-BW-NA



Rf 0.0
Fidelity index Rf

Rg 0.0
Gammut index Rg

Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Evaluation Sample