

WURM-DW-HE

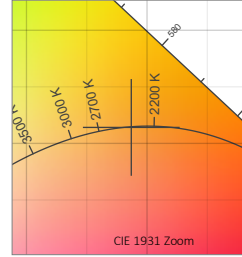
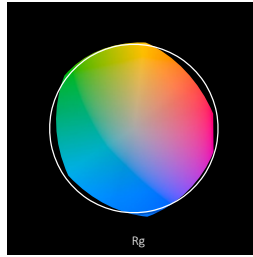
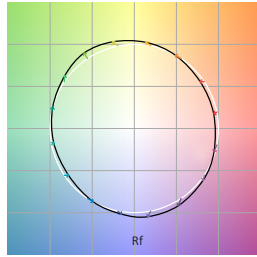
Q-CAP Flexible Fixtures - COLOR DATA



2400K-SO-ENC/CL

2390 K

CRI: 91.9
 CRI R9: 63.5
 TM30 Rf: 89.9
 TM30 Rg: 102.4
 CQS: 86.3
 X: 0.487
 Y: 0.414
 U: 0.278
 V: 0.355
 Δuv: -0.0003



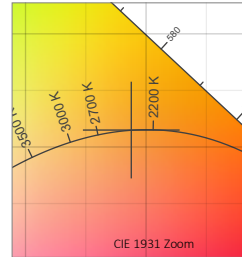
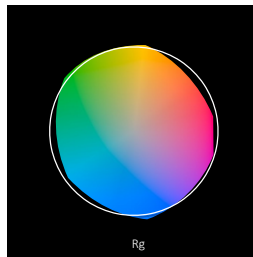
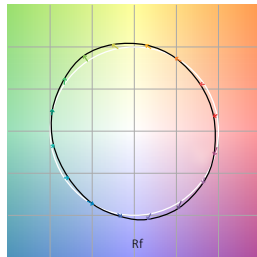
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
92.9	94.7	93.4	92.8	91.3	93.2	93.1	83.7	63.5	85.0	92.8	80.1	93.3	94.7	89.3	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
84.0	93.0	84.2	85.0	86.5	83.4	81.4	86.1	93.7	88.6	88.9	89.5	90.1	85.4	84.4	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
91.3	91.3	84.3	89.3	91.1	89.7	88.5	91.3	93.3	91.2	88.9	87.8	91.0	86.5	91.1	88.2

TM30			
Hue Bin	R _f	Chroma	Hue
1	91	-4%	-1%
2	91	-4%	3%
3	84	-1%	8%
4	89	3%	6%
5	91	6%	5%
6	90	8%	0%
7	89	3%	-6%
8	91	0%	-6%
9	93	-3%	-3%
10	91	-4%	3%
11	89	-1%	8%
12	88	3%	5%
13	91	6%	-5%
14	87	5%	-8%
15	91	2%	-6%
16	88	-2%	-9%

2400K-HO-ENC/CL

2387 K

CRI: 91.9
 CRI R9: 62.9
 TM30 Rf: 89.9
 TM30 Rg: 102.5
 CQS: 86.3
 X: 0.488
 Y: 0.415
 U: 0.279
 V: 0.355
 Δuv: 0.0002



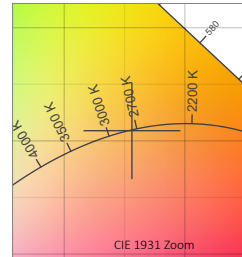
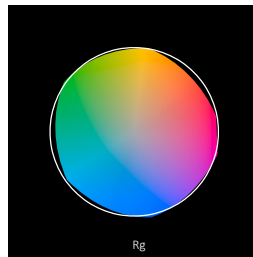
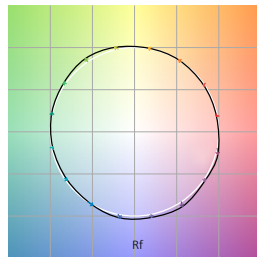
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
93.0	94.6	93.4	93.1	91.5	93.3	93.1	83.5	62.9	85.2	93.5	80.1	93.3	94.8	89.2	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
83.8	92.9	84.4	85.5	86.5	83.1	81.6	86.5	93.7	88.8	89.4	89.9	90.3	85.1	84.2	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
91.1	91.4	84.6	89.4	91.2	89.7	88.4	91.4	93.1	91.5	89.2	87.8	91.0	86.3	91.1	87.9

TM30			
Hue Bin	R _f	Chroma	Hue
1	91	-4%	-1%
2	91	-4%	3%
3	85	-1%	8%
4	89	3%	6%
5	91	6%	5%
6	90	8%	0%
7	88	4%	-6%
8	91	0%	-6%
9	93	-3%	-3%
10	92	-4%	3%
11	89	-1%	8%
12	88	3%	5%
13	91	6%	-5%
14	86	5%	-8%
15	91	2%	-6%
16	88	-2%	-9%

2700K-SO-ENC/CL

2744 K

CRI: 96.4
 CRI R9: 92.0
 TM30 Rf: 94.0
 TM30 Rg: 102.8
 CQS: 92.7
 X: 0.456
 Y: 0.409
 U: 0.261
 V: 0.351
 Δuv: -0.0003



R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
98.5	96.8	92.3	96.8	97.1	95.1	97.4	97.4	92.0	90.4	96.3	83.1	97.9	94.6	98.0	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
94.6	97.1	88.3	90.6	93.1	90.4	88.8	93.7	95.2	93.2	94.3	95.8	96.9	95.8	95.0	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96.6	97.4	92.7	93.8	94.2	93.0	94.7	95.0	96.7	94.1	90.3	90.9	95.1	93.1	94.8	91.2

TM30			
Hue Bin	R _f	Chroma	Hue
1	97	-1%	-1%
2	97	-1%	1%
3	93	0%	4%
4	94	1%	3%
5	94	3%	4%
6	93	5%	0%
7	95	2%	-3%
8	95	1%	-3%
9	97	-1%	-1%
10	94	-2%	3%
11	90	0%	7%
12	91	4%	4%
13	95	4%	0%
14	93	5%	-2%
15	95	2%	-2%
16	91	2%	-7%

NOTES:

- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

WURM-DW-HE

Q-CAP Flexible Fixtures - COLOR DATA



2700K-HO-ENC/CL

2755 K

CRI: 96.5

CRI R9: 90.8

TM30 Rf: 94.0

TM30 Rg: 102.6

CQS: 92.9

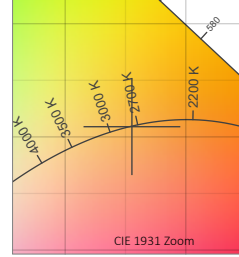
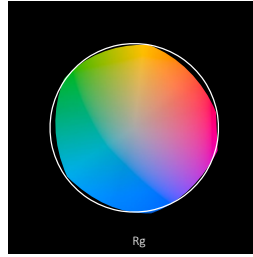
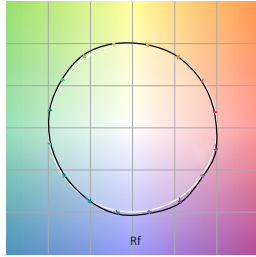
X: 0.455

Y: 0.409

U: 0.260

V: 0.351

Δuv : -0.0002



R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
98.4	96.9	92.7	97.0	97.1	95.2	97.6	97.0	90.8	90.7	96.3	82.5	97.9	94.8	97.7	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
94.9	97.1	88.3	90.5	93.4	91.0	89.2	93.9	95.3	93.4	94.5	95.9	96.9	95.5	95.0	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96.6	97.3	93.0	94.0	94.3	93.6	95.5	95.7	96.9	93.5	89.8	90.8	95.2	92.7	95.3	90.4

TM30			
Hue Bin	R _f	Chroma	Hue
1	97	-1%	-1%
2	97	-1%	1%
3	93	0%	3%
4	94	0%	3%
5	94	2%	3%
6	94	4%	0%
7	96	2%	-2%
8	96	1%	-3%
9	97	-1%	-1%
10	94	-2%	4%
11	90	0%	8%
12	91	4%	4%
13	95	3%	0%
14	93	5%	-2%
15	95	1%	-2%
16	90	2%	-7%

3000K-SO-ENC/CL

2925 K

CRI: 96.6

CRI R9: 92.5

TM30 Rf: 93.6

TM30 Rg: 102.7

CQS: 92.6

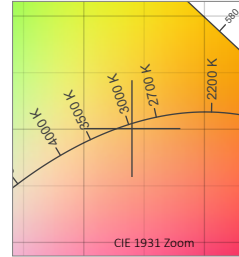
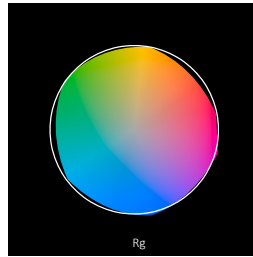
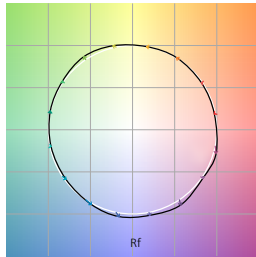
X: 0.440

Y: 0.401

U: 0.254

V: 0.347

Δuv : -0.0018



R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
98.5	97.3	93.2	96.7	97.2	95.2	97.4	97.3	92.5	91.5	95.9	81.9	98.2	95.1	98.6	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
95.8	97.6	87.1	88.8	93.2	91.9	88.9	93.4	95.6	92.9	93.3	94.7	96.1	96.1	95.9	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96.7	96.9	92.1	93.4	94.0	93.6	95.2	96.0	96.5	91.7	88.5	89.9	95.0	92.4	95.4	89.9

TM30			
Hue Bin	R _f	Chroma	Hue
1	97	-1%	-1%
2	97	-1%	1%
3	92	0%	4%
4	93	0%	3%
5	94	2%	3%
6	94	4%	0%
7	95	1%	-2%
8	96	0%	-3%
9	97	-1%	1%
10	92	-2%	5%
11	88	1%	9%
12	90	4%	4%
13	95	4%	0%
14	92	6%	-2%
15	95	1%	-2%
16	90	3%	-8%

3000K-HO-ENC/CL

2934 K

CRI: 96.8

CRI R9: 93.1

TM30 Rf: 93.5

TM30 Rg: 102.7

CQS: 92.8

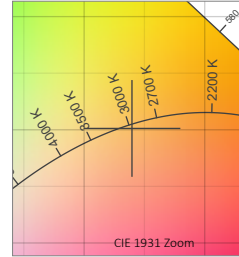
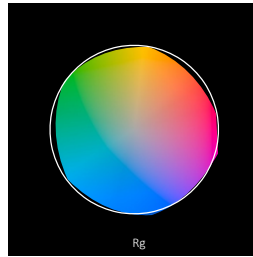
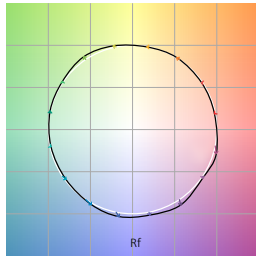
X: 0.440

Y: 0.401

U: 0.254

V: 0.347

Δuv : -0.0015



R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
98.9	97.3	93.1	96.9	97.5	95.2	97.6	97.7	93.1	91.6	95.9	80.8	98.5	95.1	98.7	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
96.2	97.6	87.0	88.9	93.5	92.2	89.2	93.7	95.5	93.2	93.8	95.2	96.6	96.3	96.2	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96.7	97.1	92.6	93.4	93.9	93.8	94.8	96.3	96.5	91.3	88.1	89.7	95.1	92.2	95.4	89.3

TM30			
Hue Bin	R _f	Chroma	Hue
1	97	-1%	-1%
2	97	-1%	1%
3	93	0%	4%
4	93	0%	2%
5	94	2%	3%
6	94	4%	0%
7	95	1%	-1%
8	96	0%	-2%
9	97	-1%	1%
10	91	-1%	5%
11	88	1%	9%
12	90	4%	5%
13	95	4%	0%
14	92	6%	-2%
15	95	1%	-2%
16	89	3%	-8%

- NOTES:**
- CRI R values, only R1-R8 are used to calculate RA CRI values
 - TM30 C values, 16 binned values out of total of 99 C values
 - CQS Q values
 - Data subject to change, all data has +/- 5% tolerance

WURM-DW-HE

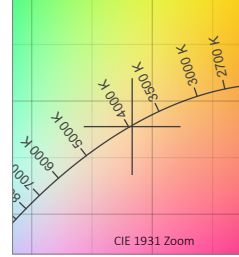
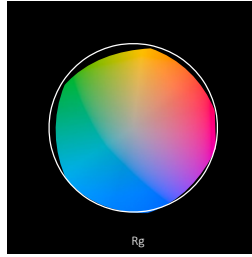
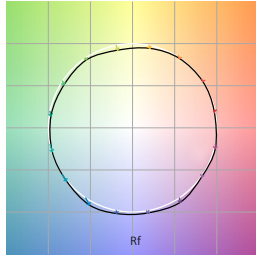
Q-CAP Flexible Fixtures - COLOR DATA



4000K-SO-ENC/CL

3932 K

CRI: 97.3
 CRI R9: 95.5
 TM30 Rf: 91.6
 TM30 Rg: 98.9
 CQS: 94.5
 X: 0.383
 Y: 0.377
 U: 0.227
 V: 0.335
 Δuv: -0.0005



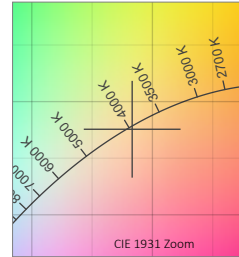
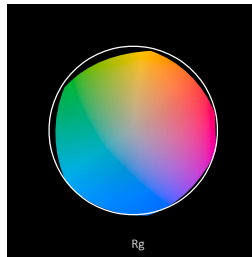
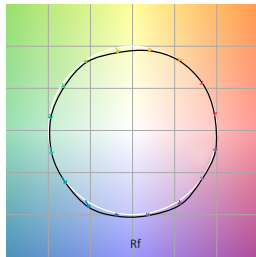
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
98.5	99.7	97.0	96.9	96.5	96.0	97.0	96.6	95.5	96.9	97.7	72.9	99.5	97.6	96.4	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
92.0	98.2	89.9	88.1	91.4	94.2	97.5	98.0	98.3	98.1	97.8	98.9	99.4	97.9	95.9	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
93.8	96.6	96.0	92.3	90.8	95.6	92.7	91.4	87.9	86.3	86.6	92.6	93.4	94.3	90.4	89.6

TM30			
Hue Bin	R _f	Chroma	Hue
1	94	-1%	1%
2	97	0%	0%
3	96	-1%	0%
4	92	-3%	-2%
5	91	-6%	-1%
6	96	-3%	1%
7	93	-4%	3%
8	91	-2%	5%
9	88	-1%	9%
10	86	0%	9%
11	87	5%	8%
12	93	3%	1%
13	93	3%	-3%
14	94	5%	-2%
15	90	1%	-3%
16	90	1%	-5%

4000K-HO-ENC/CL

3920 K

CRI: 97.5
 CRI R9: 97.1
 TM30 Rf: 91.9
 TM30 Rg: 99.2
 CQS: 94.8
 X: 0.383
 Y: 0.376
 U: 0.227
 V: 0.334
 Δuv: -0.0014



R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
98.3	99.4	97.5	97.5	96.9	96.1	97.0	96.9	97.1	98.5	98.4	74.6	98.9	97.9	96.5	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
92.4	98.2	90.4	88.8	92.1	95.0	97.7	98.2	98.4	98.3	97.9	98.8	99.2	97.8	96.0	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94.1	96.6	96.2	92.6	91.1	95.8	93.1	91.7	88.3	87.1	87.1	92.6	93.4	94.5	90.6	89.9

TM30			
Hue Bin	R _f	Chroma	Hue
1	94	-1%	1%
2	97	0%	0%
3	96	0%	0%
4	93	-3%	-2%
5	91	-6%	-1%
6	96	-2%	1%
7	93	-4%	3%
8	92	-2%	5%
9	88	-1%	9%
10	87	1%	8%
11	87	5%	8%
12	93	3%	1%
13	93	3%	-3%
14	94	5%	-2%
15	91	1%	-3%
16	90	1%	-5%

NOTES:

- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance