

SW-HE24/9.0

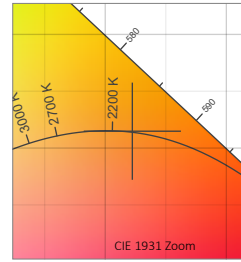
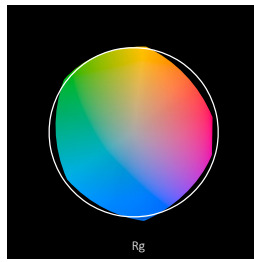
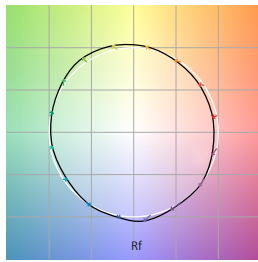
STRIP: Static White - COLOR DATA



2000K

2048 K

CRI: 91.8
 CRI R9: 56.6
 TM30 Rf: 90.3
 TM30 Rg: 100.9
 CQS: 80.8
 X: 0.522
 Y: 0.415
 U: 0.301
 V: 0.359
 Δuv: 0.0003



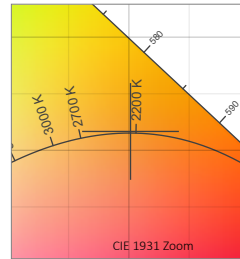
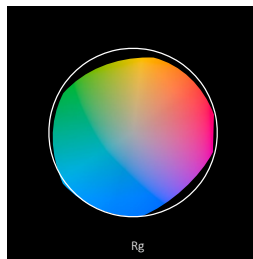
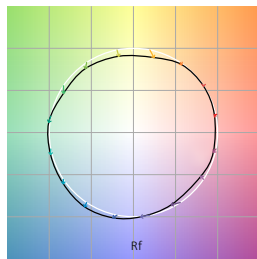
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
92.2	95.8	96.5	92.4	91.4	96.4	90.5	78.9	56.6	88.2	93.9	86.7	93.2	96.2	86.9	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
76.8	84.8	81.6	81.7	81.6	78.8	77.5	80.4	87.6	84.4	84.5	84.3	83.8	77.7	77.0	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
89.8	89.1	87.9	91.6	93.1	90.9	89.9	92.5	93.7	92.4	91.1	89.4	90.6	74.9	87.0	87.3

TM30			
Hue Bin	R _f	Chroma	Hue
1	90	-5%	-1%
2	89	-4%	4%
3	88	-2%	6%
4	92	2%	5%
5	93	5%	5%
6	91	6%	1%
7	90	3%	-6%
8	92	-1%	-5%
9	94	-2%	-2%
10	92	-4%	2%
11	91	0%	5%
12	89	2%	4%
13	91	5%	-8%
14	75	0%	-14%
15	87	0%	-10%
16	87	-4%	-8%

2200K

2255 K

CRI: 95.6
 CRI R9: 86.8
 TM30 Rf: 90.5
 TM30 Rg: 96.5
 CQS: 87.4
 X: 0.501
 Y: 0.417
 U: 0.287
 V: 0.357
 Δuv: 0.0005



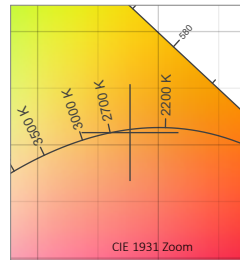
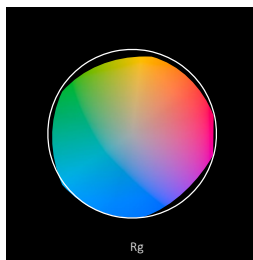
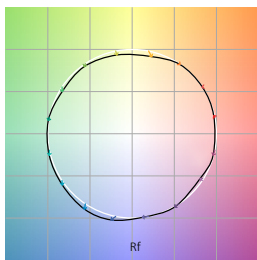
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
97.4	97.1	98.7	96.2	96.1	91.9	94.4	93.1	86.8	95.1	92.4	85.9	96.6	98.5	97.5	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
82.8	86.6	91.4	92.5	90.1	87.2	87.2	86.7	85.3	84.6	88.2	89.4	91.3	89.8	87.0	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92.6	95.2	92.9	86.1	91.4	90.2	86.6	90.4	88.5	91.6	91.8	90.0	89.2	83.4	91.8	90.7

TM30			
Hue Bin	R _f	Chroma	Hue
1	93	-2%	2%
2	95	0%	0%
3	93	-1%	-3%
4	86	-8%	-7%
5	91	-8%	-1%
6	90	-5%	5%
7	87	-5%	7%
8	90	1%	8%
9	88	2%	6%
10	92	3%	4%
11	92	6%	1%
12	90	4%	-4%
13	89	0%	-11%
14	83	-4%	-10%
15	92	-5%	1%
16	91	-2%	-4%

2400K

2487 K

CRI: 96.1
 CRI R9: 91.6
 TM30 Rf: 92.4
 TM30 Rg: 98.9
 CQS: 92.8
 X: 0.477
 Y: 0.411
 U: 0.273
 V: 0.353
 Δuv: -0.0010



R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
96.8	96.8	99.1	97.2	96.1	92.5	95.2	95.1	91.6	94.8	94.1	85.1	96.2	98.7	98.6	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
87.9	92.2	95.1	93.9	92.8	92.4	95.2	95.9	94.6	94.9	94.8	95.1	96.0	92.2	90.9	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
93.7	96.3	95.7	89.1	94.1	94.7	91.4	94.1	90.2	91.9	91.3	90.2	90.6	90.0	92.6	90.8

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

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

SW-HE24/9.0

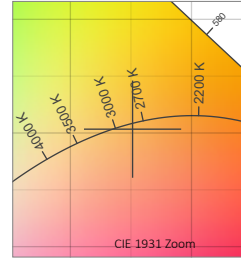
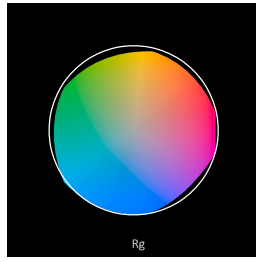
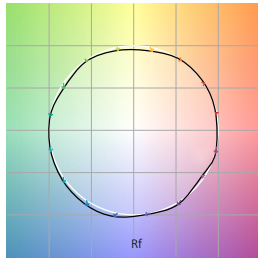
STRIP: Static White - COLOR DATA



2700K

2768 K

CRI: 96.8
 CRI R9: 93.1
 TM30 Rf: 93.4
 TM30 Rg: 99.6
 CQS: 94.8
 X: 0.451
 Y: 0.403
 U: 0.260
 V: 0.349
 Δuv: -0.0020



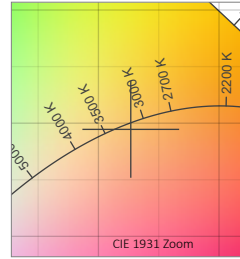
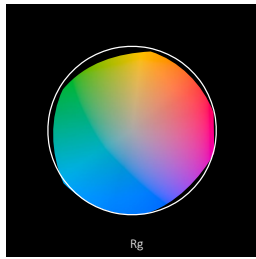
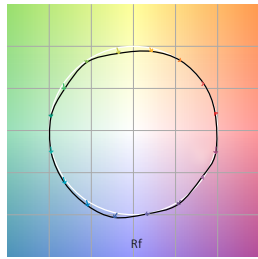
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
97.2	97.2	99.3	98.4	96.9	93.9	95.7	95.8	93.1	95.9	96.3	85.3	96.7	98.7	98.4	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
91.2	95.0	94.5	93.6	94.1	95.3	96.6	96.3	97.4	97.8	97.7	97.7	97.0	94.1	93.4	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94.6	97.0	96.5	92.0	95.1	96.7	91.0	96.2	91.6	91.1	91.9	91.6	92.4	92.1	92.4	90.4

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

3000K

3102 K

CRI: 96.8
 CRI R9: 95.8
 TM30 Rf: 92.5
 TM30 Rg: 99.3
 CQS: 94.7
 X: 0.427
 Y: 0.395
 U: 0.248
 V: 0.344
 Δuv: -0.0024



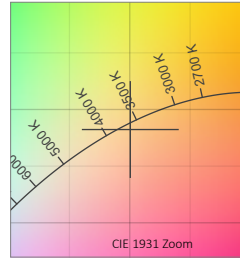
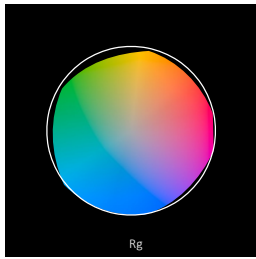
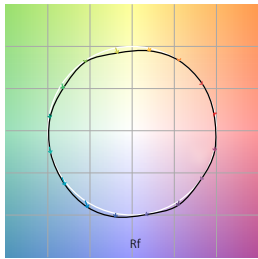
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
97.1	97.1	99.2	98.1	96.8	94.4	95.5	96.2	95.8	95.9	98.1	82.3	96.7	99.0	97.3	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
90.8	95.6	93.7	92.0	92.7	94.3	97.5	96.9	98.4	98.5	98.0	98.0	97.6	95.0	93.8	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94.0	96.5	96.5	92.1	92.2	96.3	89.3	95.2	90.2	88.0	90.8	91.1	93.0	92.2	90.7	90.1

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

3500K

3544 K

CRI: 97.3
 CRI R9: 96.5
 TM30 Rf: 92.3
 TM30 Rg: 99.3
 CQS: 95.3
 X: 0.400
 Y: 0.382
 U: 0.236
 V: 0.338
 Δuv: -0.0027



R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
97.7	98.0	98.7	97.9	97.2	95.7	96.2	96.6	96.5	98.4	98.8	78.6	97.7	98.5	96.8	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
92.6	97.9	92.0	90.3	92.7	95.6	97.9	98.0	98.9	98.6	98.0	98.5	98.6	97.0	95.7	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94.0	96.5	96.4	93.1	91.6	96.7	91.5	93.8	90.1	86.8	88.3	92.0	94.4	92.0	90.7	90.3

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

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

SW-HE24/9.0

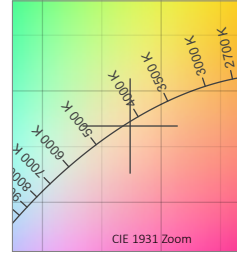
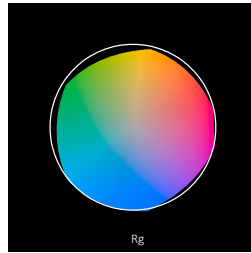
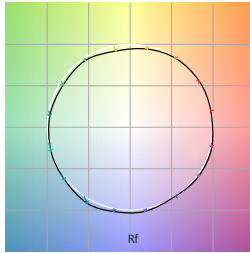
STRIP: Static White - COLOR DATA



4000K

4131 K

CRI: 96.9
CRI R9: 97.3
TM30 Rf: 91.3
TM30 Rg: 98.9
CQS: 94.2
X: 0.374
Y: 0.368
U: 0.224
V: 0.331
 Δuv : -0.0019



R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.8	98.6	98.1	96.3	96.2	95.7	96.2	96.5	97.3	99.4	97.7	72.9	98.2	98.2	95.3
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
91.5	98.0	90.2	87.5	90.5	93.2	98.1	98.2	98.3	98.5	97.7	98.6	99.0	97.6	95.5
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C16
93.5	95.9	96.0	92.0	90.3	95.2	91.8	90.4	86.9	85.7	86.5	93.5	93.3	94.5	89.4

TM30			
Hue Bin	R _f	Chroma	Hue
1	94	-1%	1%
2	96	0%	0%
3	96	0%	0%
4	92	-3%	-2%
5	90	-7%	-1%
6	95	-3%	0%
7	92	-5%	3%
8	90	-2%	6%
9	87	-1%	10%
10	86	1%	9%
11	86	5%	8%
12	93	4%	1%
13	93	3%	-2%
14	95	0%	-1%
15	89	2%	-4%
16	89	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