

SW-HE24/3.0

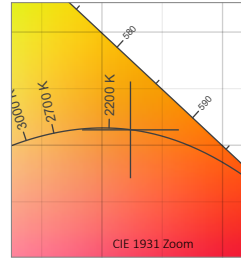
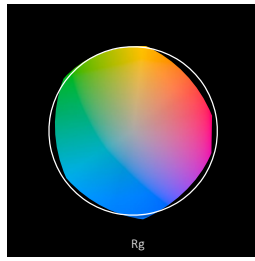
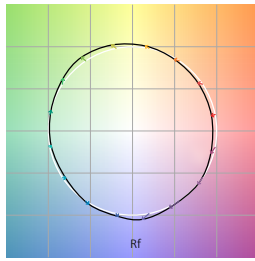
STRIP: Static White - COLOR DATA



2000K



CRI: 93.0
 CRI R9: 60.9
 TM30 Rf: 91.0
 TM30 Rg: 101.4
 CQS: 81.0
 X: 0.524
 Y: 0.414
 U: 0.303
 V: 0.359
 Δuv: -0.0002



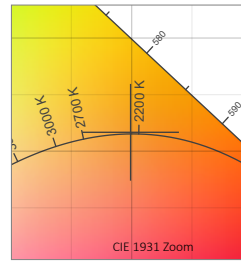
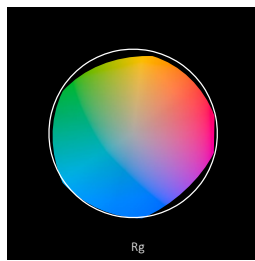
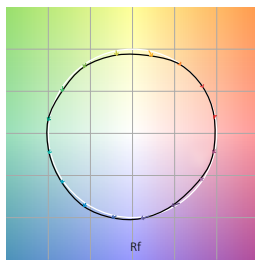
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
93.7	96.7	96.6	93.9	93.1	97.5	91.1	81.0	60.9	90.2	95.8	88.9	94.7	96.2	88.5	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
77.6	84.2	81.5	81.9	82.5	79.5	77.3	79.9	87.0	84.2	84.4	84.2	83.9	78.9	78.0	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
90.8	90.0	89.0	92.5	93.7	91.0	90.4	93.3	94.8	93.3	91.7	90.1	90.3	75.2	87.6	88.0

TM30			
Hue Bin	R _f	Chroma	Hue
1	91	-5%	0%
2	90	-4%	4%
3	89	-2%	6%
4	92	2%	5%
5	94	5%	4%
6	91	6%	2%
7	90	3%	-6%
8	93	0%	-5%
9	95	-2%	-2%
10	93	-3%	2%
11	92	1%	5%
12	90	3%	3%
13	90	5%	-9%
14	75	0%	-14%
15	88	0%	-9%
16	88	-4%	-8%

2200K



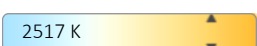
CRI: 96.3
 CRI R9: 90.4
 TM30 Rf: 93.3
 TM30 Rg: 98.4
 CQS: 89.4
 X: 0.499
 Y: 0.417
 U: 0.285
 V: 0.357
 Δuv: 0.0005



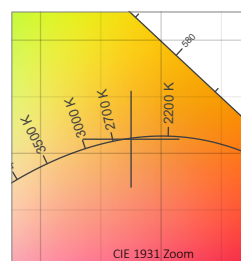
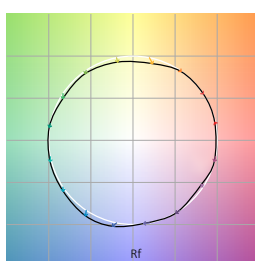
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
97.0	97.6	98.6	95.8	96.1	93.2	96.2	95.5	90.4	96.5	91.5	88.9	96.5	97.7	98.6	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
86.2	89.0	92.5	92.5	92.8	91.4	90.2	89.5	87.8	86.9	88.9	89.7	91.3	91.0	89.2	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95.1	96.4	94.7	90.2	94.1	93.3	91.5	93.5	92.8	94.9	93.8	92.0	91.7	86.2	94.2	92.8

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

2400K



CRI: 96.5
 CRI R9: 94.2
 TM30 Rf: 92.4
 TM30 Rg: 98.8
 CQS: 92.9
 X: 0.475
 Y: 0.412
 U: 0.272
 V: 0.354
 Δuv: -0.0004



R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
96.6	97.2	99.2	96.7	96.1	93.5	96.1	96.5	94.2	95.8	93.8	86.0	96.2	98.2	98.4	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
87.9	92.3	95.4	94.4	93.3	92.6	94.8	95.5	93.5	93.7	94.4	94.3	95.3	93.2	91.4	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94.0	96.4	95.3	88.6	93.8	94.2	90.9	93.7	90.2	92.3	91.1	90.8	91.4	91.0	92.8	91.3

TM30			
Hue Bin	R _f	Chroma	Hue
1	94	-1%	2%
2	96	0%	0%
3	95	0%	-2%
4	89	-6%	-5%
5	94	-5%	0%
6	94	-3%	3%
7	91	-3%	5%
8	94	1%	4%
9	90	1%	6%
10	92	3%	4%
11	91	6%	3%
12	91	5%	-4%
13	91	-1%	-7%
14	91	0%	-6%
15	93	-3%	1%
16	91	0%	-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-HE24/3.0

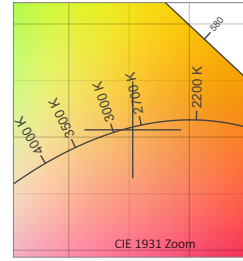
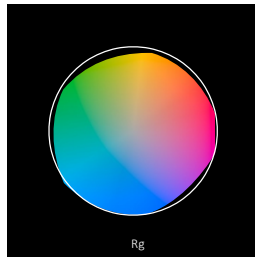
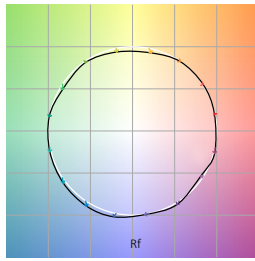
STRIP: Static White - COLOR DATA



2700K



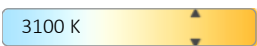
CRI: 97.1
 CRI R9: 96.0
 TM30 Rf: 93.3
 TM30 Rg: 99.5
 CQS: 94.9
 X: 0.453
 Y: 0.406
 U: 0.260
 V: 0.350
 Auv: -0.0010



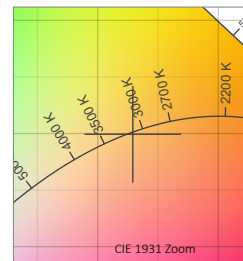
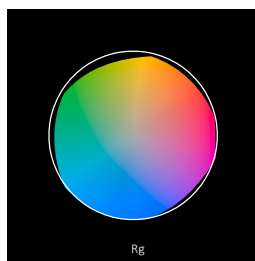
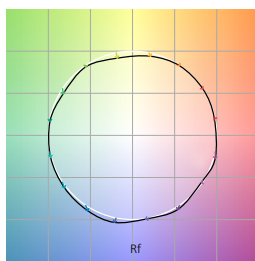
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
96.9	97.7	98.8	97.6	96.8	94.8	96.8	97.3	96.0	97.0	95.2	84.9	96.6	98.0	98.0	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
90.7	95.0	94.5	94.0	94.5	95.5	97.3	97.4	97.5	97.4	97.0	96.6	97.3	94.8	93.5	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94.8	97.1	96.0	91.3	94.6	96.4	90.1	95.7	91.5	91.0	91.8	91.9	93.1	92.8	92.3	90.7

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

3000K



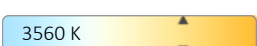
CRI: 97.8
 CRI R9: 96.0
 TM30 Rf: 92.9
 TM30 Rg: 99.5
 CQS: 94.9
 X: 0.429
 Y: 0.399
 U: 0.248
 V: 0.346
 Auv: -0.0008



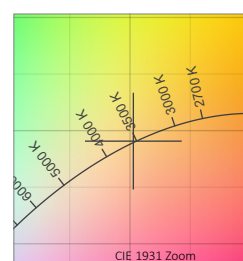
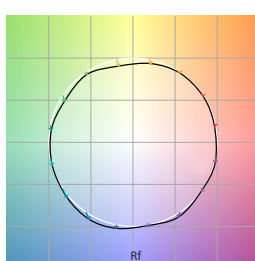
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
98.0	98.7	98.2	98.7	97.8	96.5	97.0	97.1	96.0	99.4	98.0	81.4	98.0	97.9	97.8	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
91.2	96.1	92.8	91.8	93.3	95.5	97.2	97.5	97.8	98.2	98.4	98.1	98.4	95.9	94.4	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94.6	97.1	96.6	92.7	92.4	96.7	90.2	95.8	91.0	88.3	90.3	91.6	94.2	92.6	91.1	90.1

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

3500K



CRI: 97.2
 CRI R9: 93.5
 TM30 Rf: 91.2
 TM30 Rg: 98.2
 CQS: 94.7
 X: 0.403
 Y: 0.391
 U: 0.234
 V: 0.341
 Auv: 0.0006



R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
98.7	99.8	97.6	96.5	96.5	96.8	96.3	95.7	93.5	97.3	98.2	74.1	99.3	97.8	96.5	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
90.7	97.0	91.8	89.6	91.6	93.8	98.3	98.5	98.5	98.2	99.0	99.6	99.9	97.7	95.2	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
93.3	96.4	96.3	91.7	89.8	95.5	90.0	92.4	88.7	84.6	87.1	92.1	94.4	91.6	89.7	89.4

TM30			
Hue Bin	R _f	Chroma	Hue
1	93	-1%	1%
2	96	0%	-1%
3	96	-1%	-1%
4	92	-4%	-3%
5	90	-8%	-1%
6	96	-3%	1%
7	90	-5%	5%
8	92	-2%	4%
9	89	-1%	8%
10	85	1%	11%
11	87	5%	8%
12	92	4%	0%
13	94	0%	-4%
14	92	4%	-5%
15	90	0%	-3%
16	89	0%	-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-HE24/3.0

STRIP: Static White - COLOR DATA



4000K

4114 K

CRI: 96.8

CRI R9: 97.4

TM30 Rf: 91.1

TM30 Rg: 98.4

CQS: 94.0

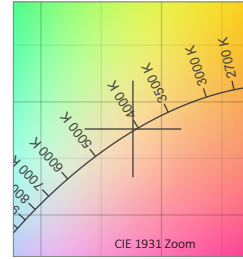
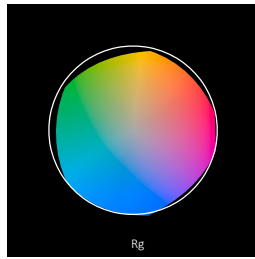
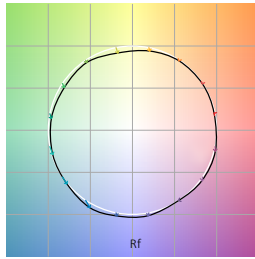
X: 0.376

Y: 0.376

U: 0.223

V: 0.334

$\Delta u v$: 0.0009



R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
98.3	99.0	96.4	95.8	95.5	95.3	97.1	96.8	97.4	95.2	96.5	69.6	98.8	97.4	95.7	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
91.3	98.0	89.5	87.2	90.4	92.9	97.3	98.1	98.1	98.1	98.0	99.0	99.6	98.5	96.0	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
93.7	96.4	95.8	91.7	90.1	95.1	91.9	90.8	87.1	85.1	85.6	93.4	93.6	94.3	89.1	89.3

TM30			
Hue Bin	R _f	Chroma	Hue
1	94	-1%	1%
2	96	0%	0%
3	96	-1%	0%
4	92	-4%	-2%
5	90	-7%	-1%
6	95	-3%	0%
7	92	-5%	3%
8	91	-3%	5%
9	87	-2%	10%
10	85	0%	10%
11	86	5%	9%
12	93	3%	2%
13	94	3%	-2%
14	94	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