

# SD-SW24/4.0

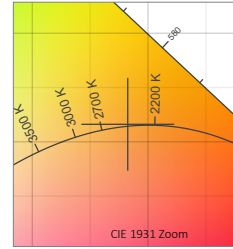
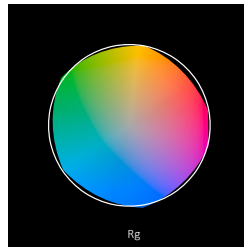
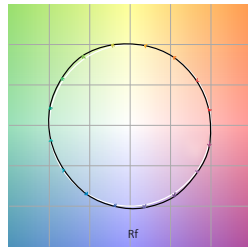
## STRIP: Static White - COLOR DATA



### 2400K

2455 K

CRI: 97.5  
 CRI R9: 90.0  
 TM30 Rf: 95.3  
 TM30 Rg: 102.5  
 CQS: 92.3  
 X: 0.483  
 Y: 0.416  
 U: 0.275  
 V: 0.355  
 Δuv: 0.0006



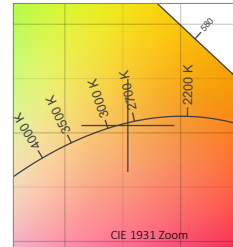
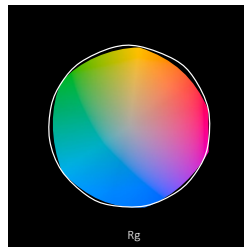
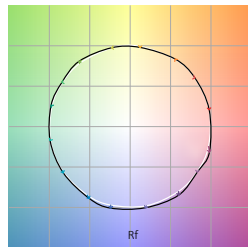
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
99.8	98.1	93.6	97.1	98.9	98.0	98.1	96.6	90.0	93.7	95.2	90.1	99.4	95.1	97.7	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
92.0	94.5	90.7	93.1	91.9	88.9	89.9	94.0	94.2	93.7	93.5	93.9	94.6	93.3	92.7	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96.7	97.5	94.9	95.6	95.7	93.8	94.7	95.5	96.7	96.8	94.8	93.5	94.2	92.1	95.8	91.9

TM30			
Hue Bin	R <sub>f</sub>	Chroma	Hue
1	97	-1%	-1%
2	98	-1%	0%
3	95	0%	2%
4	96	0%	2%
5	96	2%	3%
6	94	4%	2%
7	95	3%	-2%
8	96	2%	-2%
9	97	0%	-2%
10	97	-1%	0%
11	95	1%	3%
12	93	2%	2%
13	94	3%	-4%
14	92	4%	-4%
15	96	1%	-2%
16	92	1%	-6%

### 2700K

2751 K

CRI: 97.9  
 CRI R9: 98.9  
 TM30 Rf: 95.4  
 TM30 Rg: 102.4  
 CQS: 95.2  
 X: 0.454  
 Y: 0.407  
 U: 0.261  
 V: 0.350  
 Δuv: -0.0010



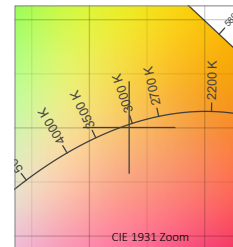
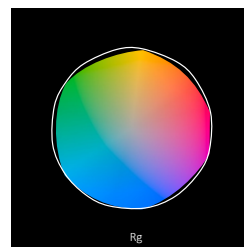
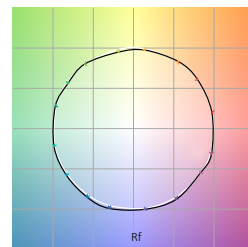
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
97.7	99.6	95.1	96.7	98.5	98.0	99.1	98.9	98.9	98.0	94.5	89.0	98.1	96.1	98.3	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
96.4	96.8	92.1	94.1	97.3	94.1	93.0	96.2	96.3	96.0	97.0	97.5	97.1	96.2	96.8	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
97.3	98.1	96.6	96.1	95.5	95.3	94.6	97.3	97.9	95.0	92.6	92.4	95.6	93.5	95.4	90.5

TM30			
Hue Bin	R <sub>f</sub>	Chroma	Hue
1	97	0%	0%
2	98	0%	0%
3	97	0%	1%
4	96	-1%	0%
5	95	0%	2%
6	95	3%	1%
7	95	1%	1%
8	97	1%	-1%
9	98	1%	1%
10	95	1%	3%
11	93	2%	5%
12	92	4%	1%
13	96	2%	-2%
14	93	4%	-2%
15	95	0%	-1%
16	91	2%	-6%

### 3000K

3015 K

CRI: 97.8  
 CRI R9: 95.0  
 TM30 Rf: 95.3  
 TM30 Rg: 100.9  
 CQS: 96.7  
 X: 0.434  
 Y: 0.400  
 U: 0.251  
 V: 0.346  
 Δuv: -0.0012



R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
97.8	98.5	99.1	97.7	97.7	96.0	97.8	97.6	95.0	97.5	94.8	90.1	97.8	98.7	99.0	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
94.7	96.6	95.4	96.5	98.3	97.1	97.1	97.9	98.0	98.2	97.8	97.9	98.2	96.2	95.8	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96.7	98.0	96.7	96.2	95.3	97.7	94.7	97.1	95.4	95.1	94.1	92.7	93.9	92.7	92.9	90.9

TM30			
Hue Bin	R <sub>f</sub>	Chroma	Hue
1	97	-1%	0%
2	98	0%	0%
3	97	0%	0%
4	96	-1%	-2%
5	95	-3%	0%
6	98	0%	1%
7	95	-1%	2%
8	97	1%	1%
9	95	1%	3%
10	95	1%	2%
11	94	3%	3%
12	93	4%	-1%
13	94	1%	-4%
14	93	3%	-4%
15	93	0%	-2%
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

# SD-SW24/4.0

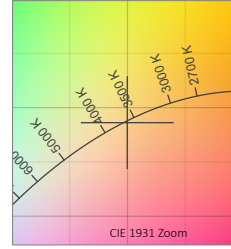
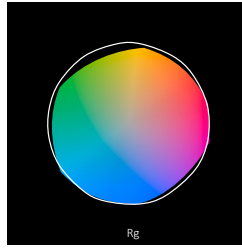
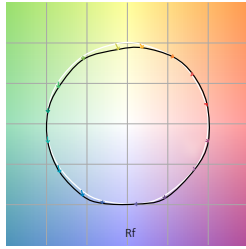
STRIP: Static White - COLOR DATA



## 3500K

3591 K

**CRI:** 95.9  
**CRI R9:** 83.8  
**TM30 Rf:** 91.0  
**TM30 Rg:** 99.6  
**CQS:** 95.8  
**X:** 0.400  
**Y:** 0.386  
**U:** 0.234  
**V:** 0.339  
 **$\Delta uv$ :** -0.0008



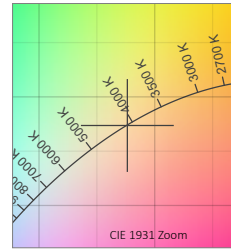
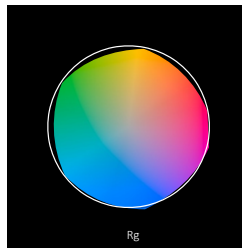
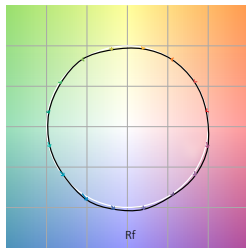
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
94.8	97.1	97.8	96.5	95.6	96.1	96.4	92.7	83.8	95.9	96.3	79.4	95.1	97.8	92.7	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
90.9	97.2	95.0	93.9	94.8	95.8	99.3	99.0	97.9	98.0	98.1	96.9	97.1	97.5	94.2	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92.9	94.3	93.5	90.1	88.7	94.1	89.4	92.3	88.9	86.4	88.7	92.8	95.3	93.0	90.5	89.9

TM30			
Hue Bin	R <sub>f</sub>	Chroma	Hue
1	93	1%	1%
2	94	2%	-2%
3	93	0%	-3%
4	90	-4%	-4%
5	89	-7%	-2%
6	94	-3%	2%
7	89	-4%	5%
8	92	-1%	4%
9	89	1%	7%
10	86	3%	8%
11	89	5%	5%
12	93	3%	0%
13	95	0%	-3%
14	93	3%	-2%
15	91	1%	0%
16	90	2%	-3%

## 4000K

4097 K

**CRI:** 97.6  
**CRI R9:** 98.2  
**TM30 Rf:** 93.3  
**TM30 Rg:** 100.8  
**CQS:** 95.0  
**X:** 0.376  
**Y:** 0.374  
**U:** 0.224  
**V:** 0.333  
 **$\Delta uv$ :** -0.0003



R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
98.9	98.0	94.1	98.6	97.4	94.7	99.4	99.6	98.2	93.3	96.8	74.6	99.1	96.1	97.6	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
96.0	99.5	88.5	89.0	94.2	96.7	96.0	98.4	97.0	96.5	97.1	98.7	99.6	99.1	98.1	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95.9	97.7	95.7	94.2	93.1	96.6	96.1	95.3	92.3	89.5	86.5	91.7	94.9	95.1	90.8	90.2

TM30			
Hue Bin	R <sub>f</sub>	Chroma	Hue
1	96	-1%	0%
2	98	0%	0%
3	96	0%	1%
4	94	-2%	0%
5	93	-3%	1%
6	97	0%	1%
7	96	-2%	1%
8	95	-1%	2%
9	92	-1%	6%
10	89	-1%	7%
11	87	3%	9%
12	92	3%	4%
13	95	4%	0%
14	95	2%	0%
15	91	3%	-4%
16	90	3%	-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