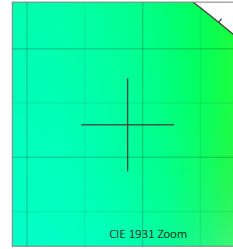
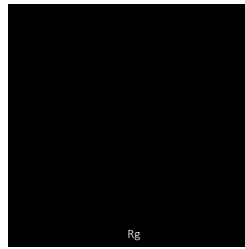
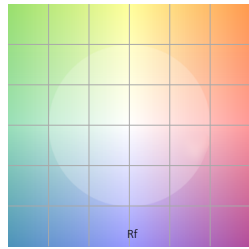


### GREEN



**CRI: 0.0**  
**CRI R9: 0.0**  
**TM30 Rf: 0.0**  
**TM30 Rg: 0.0**  
**CQS: 0.0**  
**X: 0.187**  
**Y: 0.630**  
**U: 0.073**  
**V: 0.371**  
**Auv: n/a**



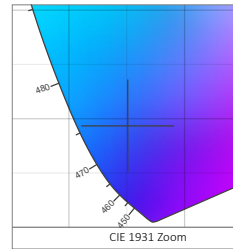
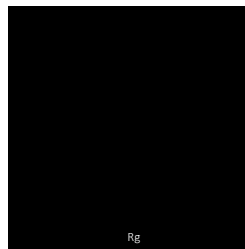
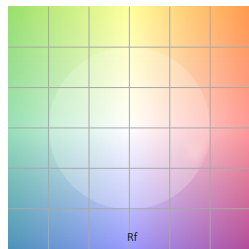
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TM30			
Hue Bin	R <sub>f</sub>	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%

### BLUE



**CRI: 0.0**  
**CRI R9: 0.0**  
**TM30 Rf: 0.0**  
**TM30 Rg: 0.0**  
**CQS: 0.0**  
**X: 0.151**  
**Y: 0.093**  
**U: 0.158**  
**V: 0.147**  
**Auv: n/a**



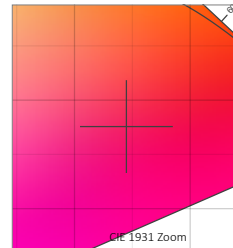
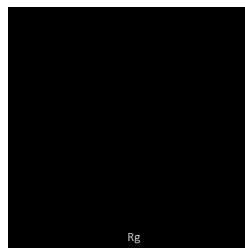
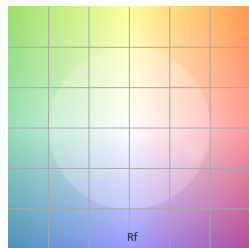
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TM30			
Hue Bin	R <sub>f</sub>	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%

### RED



**CRI: 44.0**  
**CRI R9: 44.3**  
**TM30 Rf: 0.0**  
**TM30 Rg: n/a**  
**CQS: n/a**  
**X: 0.545**  
**Y: 0.276**  
**U: 0.418**  
**V: 0.317**  
**Auv: -0.0400**



R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
64.9	50.6	49.7	66.7	36.0	-16.2	43.7	56.4	44.3	1.6	9.1	-165.7	48.2	79.8	92.3	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
9.8	21.4	30.5	30.0	30.6	24.2	0.9	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TM30			
Hue Bin	R <sub>f</sub>	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%

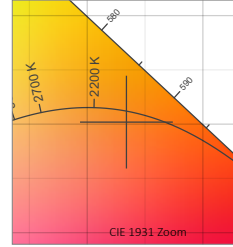
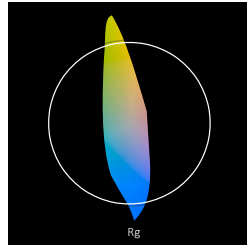
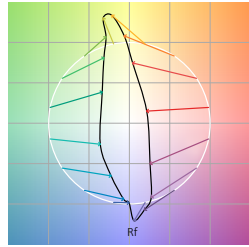
**NOTES:**

- 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

### AMBER

1876 K

- CRI: -17.5
- CRI R9: -396.6
- TM30 Rf: 12.3
- TM30 Rg: 34.9
- CQS: 11.9
- X: 0.534
- Y: 0.402
- U: 0.316
- V: 0.357
- $\Delta uv$ : -0.0029



R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
-32.8	55.6	18.4	-59.7	-32.2	47.0	-7.0	-129.3	-396.6	35.9	-81.5	14.4	-11.8	46.0	-65.6	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
2.1	69.6	53.4	21.8	17.6	9.9	5.1	17.6	50.0	61.5	40.1	15.9	5.6	0.0	0.2	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
0.1	0.3	0.8	31.1	70.2	56.0	18.2	12.4	2.2	6.7	21.3	53.2	68.6	51.5	14.6	2.1

TM30			
Hue Bin	R <sub>f</sub>	Chroma	Hue
1	0	-76%	10%
2	0	-55%	60%
3	1	-14%	65%
4	31	27%	47%
5	70	34%	6%
6	56	5%	-35%
7	18	-29%	-50%
8	12	-60%	-31%
9	2	-60%	19%
10	7	-45%	42%
11	21	-18%	47%
12	53	-3%	19%
13	69	20%	-18%
14	51	0%	-44%
15	15	-26%	-61%
16	2	-65%	-44%

**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