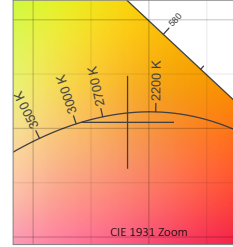
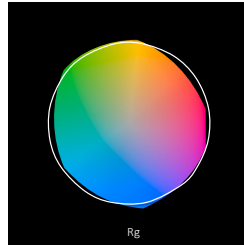
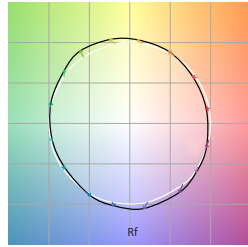


2400K ENC/CL

2389 K

CRI: 93.7
 CRI R9: 68.2
 TM30 Rf: 88.9
 TM30 Rg: 104.1
 CQS: 86.2
 X: 0.482
 Y: 0.406
 U: 0.279
 V: 0.352
 Δuv: -0.0030



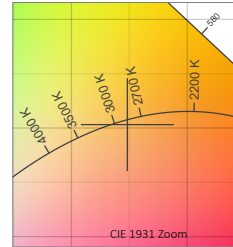
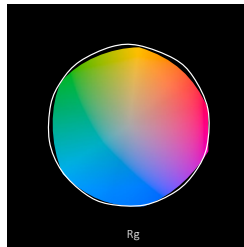
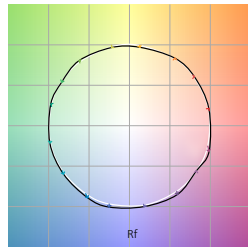
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
95.3	97.2	95.9	93.9	94.4	96.4	92.1	84.8	68.2	91.1	94.3	86.3	96.1	96.2	92.0	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
84.9	92.8	84.2	85.3	88.7	85.0	79.7	84.0	94.1	88.4	87.6	87.2	87.9	87.1	86.0	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
91.4	90.8	81.5	88.1	90.1	87.3	87.1	90.1	94.5	91.5	87.9	86.8	88.9	83.6	90.5	85.7

TM30			
Hue Bin	R _f	Chroma	Hue
1	91	-4%	-1%
2	91	-3%	4%
3	82	1%	8%
4	88	3%	6%
5	90	7%	5%
6	87	9%	-1%
7	87	4%	-6%
8	90	1%	-6%
9	95	-2%	-2%
10	92	-3%	3%
11	88	1%	8%
12	87	4%	4%
13	89	7%	-6%
14	84	6%	-8%
15	91	2%	-6%
16	86	-1%	-10%

2700K ENC/CL

2813 K

CRI: 97.5
 CRI R9: 94.8
 TM30 Rf: 94.9
 TM30 Rg: 102.1
 CQS: 95.3
 X: 0.448
 Y: 0.403
 U: 0.258
 V: 0.348
 Δuv: -0.0017



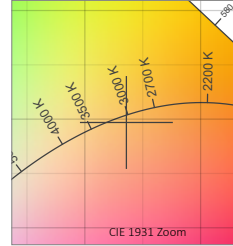
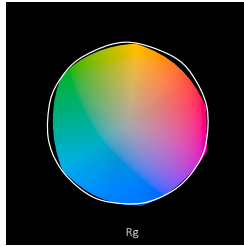
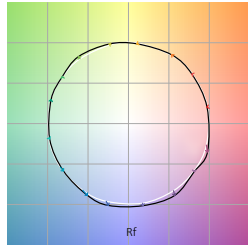
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
96.8	98.9	96.0	96.9	97.5	97.2	99.6	97.3	94.8	99.3	94.5	87.4	97.1	96.6	96.8	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
95.2	97.1	92.2	93.5	96.6	96.1	93.4	96.2	96.5	96.4	97.3	97.8	97.5	95.9	95.9	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96.7	97.8	96.6	94.9	95.2	96.1	93.2	97.9	95.8	92.8	91.6	92.8	96.3	94.3	94.8	90.9

TM30			
Hue Bin	R _f	Chroma	Hue
1	97	0%	0%
2	98	1%	0%
3	97	1%	0%
4	95	-2%	-1%
5	95	-1%	1%
6	96	2%	1%
7	93	0%	2%
8	98	1%	0%
9	96	1%	2%
10	93	1%	4%
11	92	3%	5%
12	93	4%	1%
13	96	2%	-2%
14	94	4%	-2%
15	95	0%	0%
16	91	3%	-6%

3000K ENC/CL

2962 K

CRI: 97.8
 CRI R9: 96.2
 TM30 Rf: 93.2
 TM30 Rg: 102.5
 CQS: 93.1
 X: 0.436
 Y: 0.397
 U: 0.253
 V: 0.346
 Δuv: -0.0027



R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
99.5	98.6	94.6	97.6	98.7	96.5	98.1	98.6	96.2	94.6	96.3	82.9	99.6	95.9	99.4	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
96.9	97.8	87.7	88.9	93.9	93.9	90.0	93.8	95.9	93.6	93.9	94.9	96.1	96.3	96.9	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96.6	96.9	92.7	93.3	93.4	94.2	93.6	96.9	95.9	89.9	87.4	89.5	95.2	92.0	95.2	88.7

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

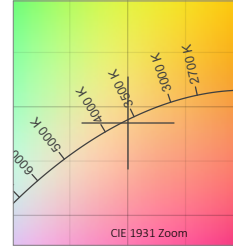
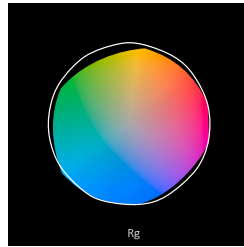
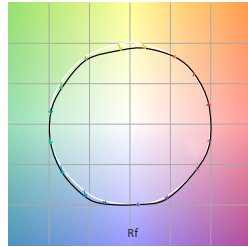
NOTES:

- 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

3500K ENC/CL

3571 K

CRI: 96.3
 CRI R9: 91.8
 TM30 Rf: 90.2
 TM30 Rg: 98.8
 CQS: 95.3
 X: 0.400
 Y: 0.385
 U: 0.235
 V: 0.339
 Δuv: -0.0014



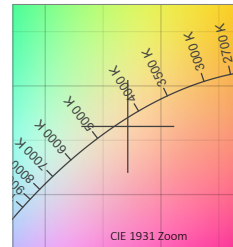
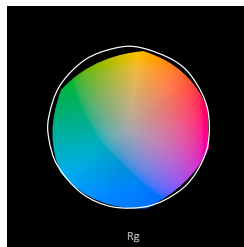
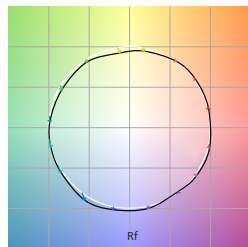
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
95.6	96.9	99.1	96.7	95.8	95.2	95.8	95.4	91.8	95.6	97.9	77.8	95.5	98.4	94.2	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
90.3	96.4	94.5	92.4	93.0	94.3	99.5	99.8	98.4	98.6	99.0	98.2	98.6	97.1	94.2	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92.7	95.0	94.2	89.5	87.8	93.3	88.1	91.1	87.2	84.4	87.7	91.8	93.5	92.1	89.3	89.1

TM30			
Hue Bin	R _f	Chroma	Hue
1	93	0%	2%
2	95	1%	-1%
3	94	0%	-2%
4	90	-4%	-4%
5	88	-8%	-2%
6	93	-4%	2%
7	88	-5%	6%
8	91	-1%	5%
9	87	1%	8%
10	84	3%	9%
11	88	5%	5%
12	92	4%	-1%
13	94	0%	-4%
14	92	3%	-3%
15	89	0%	-1%
16	89	1%	-3%

4000K ENC/CL

4164 K

CRI: 96.1
 CRI R9: 90.0
 TM30 Rf: 90.0
 TM30 Rg: 99.5
 CQS: 94.5
 X: 0.371
 Y: 0.363
 U: 0.225
 V: 0.329
 Δuv: -0.0040



R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
95.4	96.5	98.7	96.9	95.4	94.4	95.8	95.4	90.0	95.4	98.6	74.2	95.3	98.5	92.9	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
91.3	97.9	90.9	88.7	91.3	94.4	98.8	98.9	98.2	99.2	98.5	99.2	99.2	96.7	94.6	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92.2	94.7	95.1	90.5	88.6	94.4	90.6	88.6	84.9	84.7	85.5	92.7	92.4	93.6	88.3	88.0

TM30			
Hue Bin	R _f	Chroma	Hue
1	92	0%	2%
2	95	1%	0%
3	95	0%	-1%
4	91	-4%	-3%
5	89	-7%	-2%
6	94	-3%	1%
7	91	-4%	4%
8	89	-2%	6%
9	85	0%	10%
10	85	2%	9%
11	86	5%	7%
12	93	3%	0%
13	92	3%	-2%
14	94	-1%	0%
15	88	2%	-3%
16	88	2%	-4%

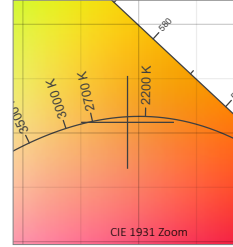
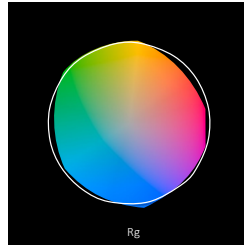
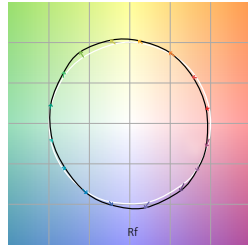
NOTES:

- 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

2400K ENC/TL

2321 K

CRI: 93.6
 CRI R9: 66.8
 TM30 Rf: 89.6
 TM30 Rg: 103.3
 CQS: 86.1
 X: 0.490
 Y: 0.410
 U: 0.283
 V: 0.354
 Δuv: -0.0017



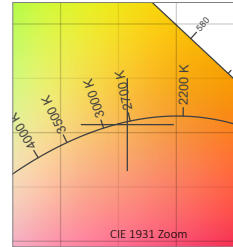
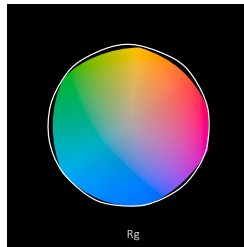
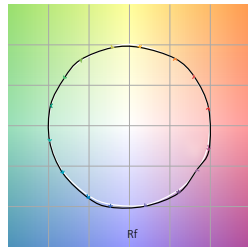
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
94.7	96.9	96.0	94.0	93.9	96.4	92.3	84.3	66.8	90.4	94.7	86.1	95.5	96.2	91.1	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
84.3	91.5	84.5	85.3	88.1	85.0	80.6	84.2	93.3	88.4	87.9	87.6	88.1	86.0	85.0	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
91.2	91.0	83.1	89.6	91.4	88.8	88.6	91.4	94.8	91.6	88.6	87.9	88.8	83.9	91.1	86.2

TM30			
Hue Bin	R _f	Chroma	Hue
1	91	-4%	0%
2	91	-3%	3%
3	83	0%	8%
4	90	3%	5%
5	91	6%	5%
6	89	8%	0%
7	89	3%	-6%
8	91	0%	-5%
9	95	-2%	-1%
10	92	-3%	3%
11	89	1%	7%
12	88	4%	4%
13	89	6%	-7%
14	84	5%	-9%
15	91	1%	-6%
16	86	-2%	-9%

2700K ENC/TL

2709 K

CRI: 97.8
 CRI R9: 96.3
 TM30 Rf: 95.2
 TM30 Rg: 101.7
 CQS: 95.3
 X: 0.458
 Y: 0.407
 U: 0.263
 V: 0.351
 Δuv: -0.0010



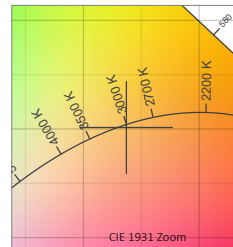
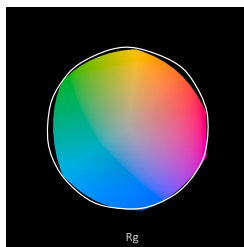
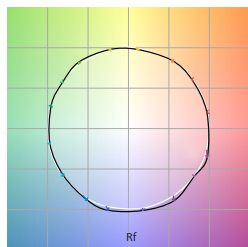
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
97.3	99.2	95.9	97.2	97.8	97.6	99.7	97.7	96.3	99.4	94.9	88.2	97.6	96.5	97.5	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
94.6	96.5	92.6	93.6	96.3	96.1	93.8	96.3	96.3	96.4	97.3	97.1	96.8	95.8	95.6	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96.9	97.9	96.9	95.1	95.4	96.0	95.2	98.1	96.0	93.4	92.3	93.1	96.1	94.6	94.9	91.6

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

3000K ENC/TL

2978 K

CRI: 97.2
 CRI R9: 93.4
 TM30 Rf: 93.1
 TM30 Rg: 101.7
 CQS: 93.3
 X: 0.437
 Y: 0.401
 U: 0.252
 V: 0.347
 Δuv: -0.0011



R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
98.8	97.8	93.8	97.7	97.5	95.7	98.5	97.9	93.4	92.5	96.7	80.5	98.7	95.5	98.6	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
96.2	97.7	87.9	88.9	93.4	93.9	90.9	94.5	95.7	93.9	94.5	95.8	96.9	96.5	96.5	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96.3	96.9	93.1	93.3	93.6	95.1	93.6	97.6	95.3	89.0	86.8	89.5	95.4	92.1	95.1	88.5

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

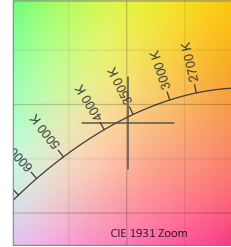
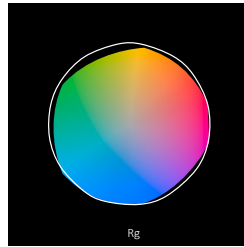
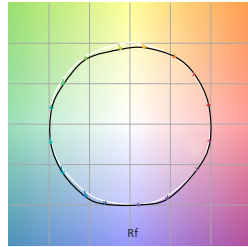
NOTES:

- 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

3500K ENC/TL

3535 K

CRI: 96.6
 CRI R9: 92.6
 TM30 Rf: 91.0
 TM30 Rg: 99.4
 CQS: 95.6
 X: 0.401
 Y: 0.383
 U: 0.236
 V: 0.338
 Δuv: -0.0025



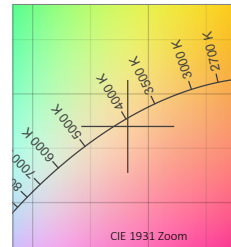
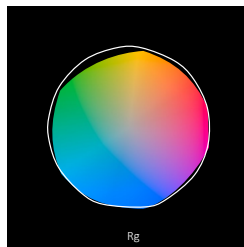
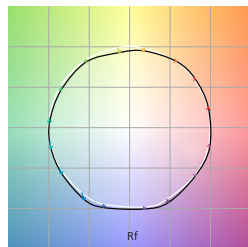
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
95.8	96.8	99.0	97.5	96.0	95.0	96.4	96.1	92.6	95.7	97.8	78.4	95.7	98.4	94.4	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
91.5	97.4	93.5	91.9	93.3	95.4	99.3	99.2	98.9	99.8	99.9	99.4	99.5	96.9	94.7	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
93.2	95.4	95.2	91.0	89.3	94.6	88.9	92.3	88.3	85.3	87.7	91.7	94.0	92.2	89.8	89.5

TM30			
Hue Bin	R _f	Chroma	Hue
1	93	0%	1%
2	95	1%	-1%
3	95	0%	-1%
4	91	-4%	-3%
5	89	-7%	-2%
6	95	-3%	1%
7	89	-4%	5%
8	92	-1%	5%
9	88	1%	7%
10	85	3%	9%
11	88	5%	6%
12	92	4%	0%
13	94	0%	-4%
14	92	3%	-3%
15	90	0%	-1%
16	89	1%	-3%

4000K ENC/TL

3906 K

CRI: 96.4
 CRI R9: 90.3
 TM30 Rf: 90.9
 TM30 Rg: 99.9
 CQS: 95.1
 X: 0.382
 Y: 0.370
 U: 0.229
 V: 0.333
 Δuv: -0.0037



R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
95.5	96.7	98.4	97.6	95.8	94.8	96.5	95.6	90.3	95.9	98.3	76.4	95.5	98.2	93.4	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
92.0	98.2	91.6	89.9	92.4	95.4	98.6	99.0	98.2	99.1	98.7	99.5	99.5	96.8	94.9	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92.9	95.2	95.5	91.3	89.6	94.9	91.7	89.8	86.3	86.1	86.3	91.5	93.0	94.7	89.8	89.1

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

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