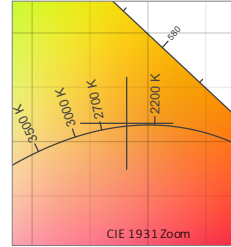
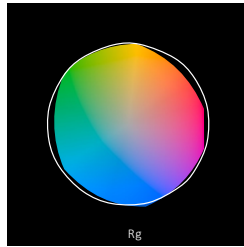
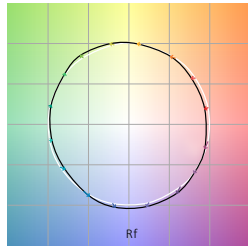


2400K ENC/CL

2470 K

CRI: 91.9
 CRI R9: 62.3
 TM30 Rf: 90.3
 TM30 Rg: 100.5
 CQS: 88.3
 X: 0.482
 Y: 0.417
 U: 0.274
 V: 0.355
 Δuv: 0.0009



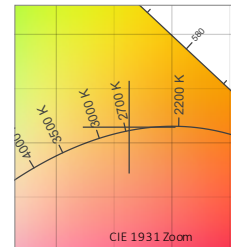
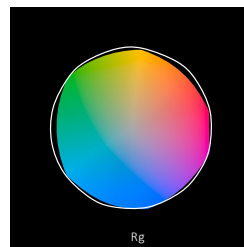
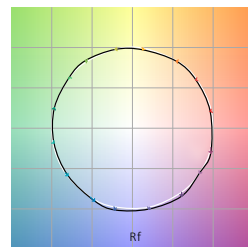
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
92.5	94.7	94.2	92.8	91.1	93.2	93.5	83.4	62.3	85.3	92.7	78.3	93.0	95.4	88.8	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
86.9	93.7	85.7	85.7	88.2	87.3	86.2	89.4	94.3	90.7	90.6	91.0	91.1	85.6	85.9	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
90.6	90.6	87.0	91.6	93.0	92.9	92.6	94.9	94.0	88.6	86.5	88.0	91.3	85.6	92.4	86.2

TM30			
Hue Bin	Rr	Chroma	Hue
1	91	-4%	0%
2	91	-4%	3%
3	87	-1%	6%
4	92	0%	4%
5	93	2%	4%
6	93	4%	1%
7	93	1%	-4%
8	95	-1%	-3%
9	94	-3%	0%
10	89	-3%	5%
11	86	1%	9%
12	88	4%	4%
13	91	4%	-4%
14	86	4%	-8%
15	92	1%	-5%
16	86	-2%	-9%

2700K ENC/CL

2689 K

CRI: 96.7
 CRI R9: 88.7
 TM30 Rf: 94.1
 TM30 Rg: 100.8
 CQS: 93.6
 X: 0.463
 Y: 0.414
 U: 0.263
 V: 0.353
 Δuv: 0.0012



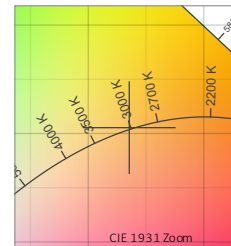
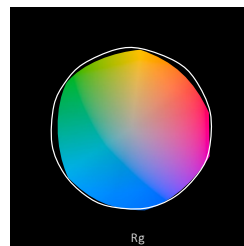
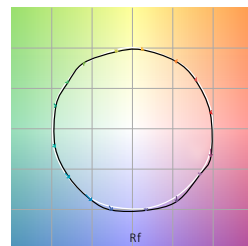
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
97.9	96.9	93.6	98.2	96.6	95.7	98.8	96.2	88.7	91.0	97.9	82.3	97.5	95.3	96.6	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
94.5	96.5	89.9	90.9	93.7	93.4	92.2	95.2	95.2	94.6	94.2	95.1	95.9	94.6	94.7	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96.0	96.9	94.3	94.3	94.7	95.6	95.8	98.5	96.3	91.6	89.4	91.3	95.6	92.9	95.4	90.2

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

3000K ENC/CL

3038 K

CRI: 95.9
 CRI R9: 87.7
 TM30 Rf: 92.4
 TM30 Rg: 100.6
 CQS: 93.1
 X: 0.436
 Y: 0.405
 U: 0.249
 V: 0.348
 Δuv: 0.0007



R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
96.8	96.3	93.6	96.8	95.2	94.0	98.5	95.7	87.7	89.5	96.1	76.8	96.6	95.5	96.0	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
94.9	97.6	87.8	88.1	92.1	93.3	92.2	95.0	95.7	94.2	94.7	95.7	96.5	95.2	95.3	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94.9	95.9	92.9	93.9	92.0	96.1	93.2	97.5	93.4	86.3	85.5	89.1	95.5	91.6	92.3	88.1

TM30			
Hue Bin	Rr	Chroma	Hue
1	95	-2%	0%
2	96	-2%	1%
3	93	-1%	3%
4	94	-2%	2%
5	92	-3%	2%
6	96	2%	1%
7	93	-2%	1%
8	97	-1%	0%
9	93	-2%	4%
10	86	-1%	7%
11	85	2%	10%
12	89	4%	4%
13	96	2%	0%
14	92	5%	-3%
15	92	1%	-3%
16	88	2%	-9%

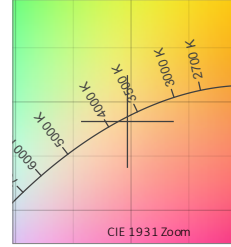
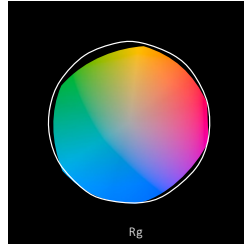
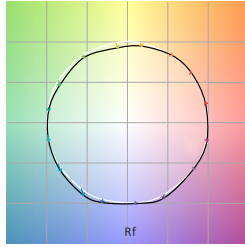
NOTES:

- 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

3625 K

CRI: 97.1
CRI R9: 97.9
TM30 Rf: 91.1
TM30 Rg: 99.1
CQS: 95.4
X: 0.397
Y: 0.382
U: 0.234
V: 0.338
Δuv: -0.0020



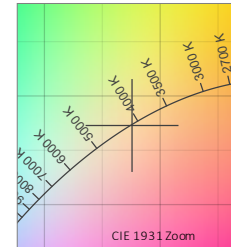
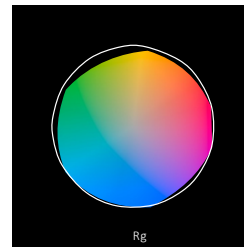
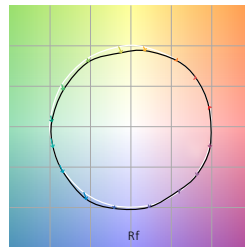
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
97.2	97.8	98.9	97.6	96.8	95.8	96.2	96.8	97.9	97.6	99.2	77.9	97.1	98.5	95.9	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
91.8	97.5	92.8	91.0	92.8	95.2	98.9	98.7	99.0	99.5	99.2	99.8	99.6	97.2	95.4	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
93.4	95.9	96.0	91.5	89.8	94.8	90.0	92.4	88.4	85.0	87.3	91.6	93.9	91.7	89.7	89.3

TM30			
Hue Bin	R _f	Chroma	Hue
1	93	0%	1%
2	96	0%	-1%
3	96	0%	-1%
4	92	-4%	-3%
5	90	-7%	-1%
6	95	-3%	1%
7	90	-4%	4%
8	92	-1%	4%
9	88	0%	7%
10	85	2%	9%
11	87	5%	6%
12	92	4%	0%
13	94	0%	-4%
14	92	3%	-4%
15	90	0%	-2%
16	89	1%	-4%

4000K ENC/CL

4109 K

CRI: 96.8
CRI R9: 98.1
TM30 Rf: 89.6
TM30 Rg: 98.0
CQS: 94.3
X: 0.376
Y: 0.373
U: 0.224
V: 0.333
Δuv: -0.0005



R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
97.9	98.6	98.6	95.5	96.0	96.2	95.4	95.8	98.1	99.4	97.8	72.7	98.2	98.4	95.2	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
90.1	96.5	91.7	88.7	90.4	92.5	98.4	98.6	98.6	98.8	99.1	99.9	99.9	97.7	94.9	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92.4	95.5	95.6	89.9	87.7	93.1	89.2	87.8	84.2	83.5	85.6	92.8	91.6	93.4	87.6	87.8

TM30			
Hue Bin	R _f	Chroma	Hue
1	92	-1%	2%
2	96	0%	0%
3	96	-1%	-1%
4	90	-4%	-3%
5	88	-8%	-2%
6	93	-4%	1%
7	89	-5%	4%
8	88	-3%	6%
9	84	-1%	11%
10	84	1%	9%
11	86	5%	7%
12	93	3%	0%
13	92	2%	-4%
14	93	-1%	-1%
15	88	1%	-4%
16	88	1%	-4%

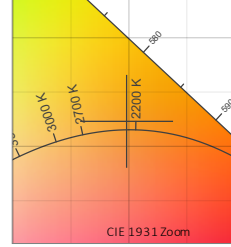
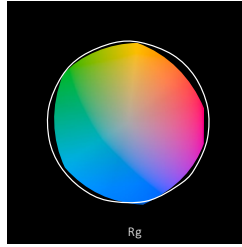
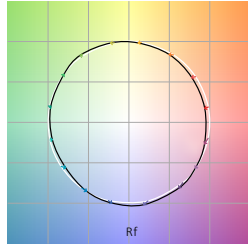
NOTES:

- 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

2400K ENC/TL

2332 K

CRI: 91.3
 CRI R9: 59.5
 TM30 Rf: 91.2
 TM30 Rg: 98.7
 CQS: 86.0
 X: 0.498
 Y: 0.423
 U: 0.281
 V: 0.358
 Δuv: 0.0025



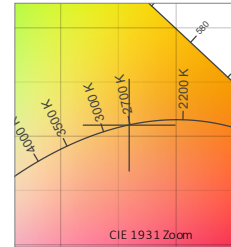
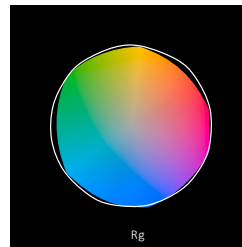
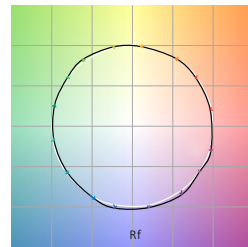
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
91.7	93.9	93.7	92.7	90.1	92.6	93.7	82.2	59.5	83.8	92.6	77.8	92.0	95.0	87.3	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
85.1	91.8	86.2	85.7	86.6	86.0	87.4	90.9	90.6	86.3	83.0	85.3	87.1	81.9	83.6	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
89.7	90.9	87.8	92.9	94.0	94.6	94.4	96.2	94.0	89.3	88.8	88.6	91.1	86.7	92.9	87.5

TM30			
Hue Bin	Rr	Chroma	Hue
1	90	-5%	-1%
2	91	-5%	2%
3	88	-3%	5%
4	93	-1%	3%
5	94	1%	4%
6	95	3%	2%
7	94	0%	-3%
8	96	-1%	-2%
9	94	-3%	0%
10	89	-4%	4%
11	89	0%	7%
12	89	2%	5%
13	91	4%	-6%
14	87	3%	-7%
15	93	0%	-4%
16	87	-3%	-8%

2700K ENC/TL

2707 K

CRI: 96.5
 CRI R9: 88.6
 TM30 Rf: 93.6
 TM30 Rg: 101.5
 CQS: 93.0
 X: 0.459
 Y: 0.410
 U: 0.262
 V: 0.351
 Δuv: -0.0002



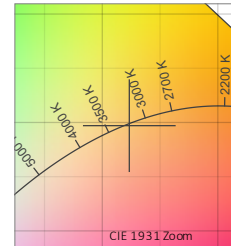
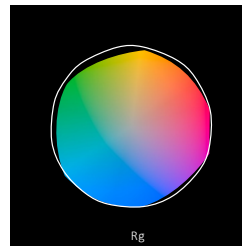
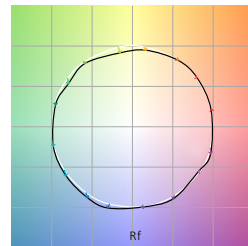
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
97.7	97.1	94.0	97.4	96.5	95.6	98.1	95.7	88.6	91.4	97.0	82.8	97.5	95.5	96.8	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
94.8	96.8	88.8	89.8	93.1	92.5	90.2	93.6	95.6	93.7	94.3	95.3	96.1	94.7	94.6	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96.0	96.4	92.7	93.9	94.2	94.6	95.0	97.0	96.4	91.4	88.7	90.5	95.2	92.4	95.5	90.0

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

3000K ENC/TL

3187 K

CRI: 97.4
 CRI R9: 98.4
 TM30 Rf: 92.1
 TM30 Rg: 99.3
 CQS: 95.1
 X: 0.423
 Y: 0.397
 U: 0.245
 V: 0.344
 Δuv: -0.0008



R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
97.0	98.0	98.5	97.9	97.1	96.1	96.9	97.3	98.4	97.9	97.4	82.2	96.9	98.0	96.8	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
90.9	95.9	94.0	92.8	93.5	94.9	98.4	98.4	97.6	98.1	98.1	97.4	97.8	96.1	94.3	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94.0	96.4	95.7	91.6	90.6	95.7	88.0	94.7	89.7	87.1	89.9	91.2	93.7	92.7	90.4	89.9

TM30			
Hue Bin	Rr	Chroma	Hue
1	94	0%	2%
2	96	1%	-1%
3	96	0%	-1%
4	92	-4%	-3%
5	91	-7%	-1%
6	96	-2%	1%
7	88	-4%	5%
8	95	-1%	3%
9	90	1%	7%
10	87	2%	7%
11	90	4%	5%
12	91	5%	-1%
13	94	0%	-4%
14	93	2%	-4%
15	90	-1%	0%
16	90	2%	-7%

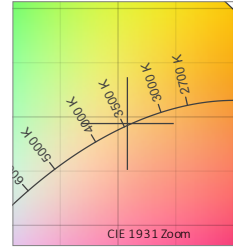
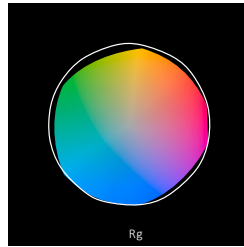
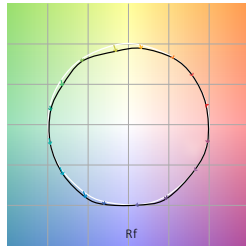
NOTES:

- 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

3469 K

CRI: 97.7
CRI R9: 96.1
TM30 Rf: 91.3
TM30 Rg: 98.1
CQS: 95.4
X: 0.408
Y: 0.394
U: 0.236
V: 0.342
Δuv: 0.0008



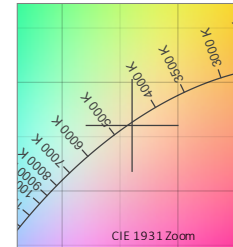
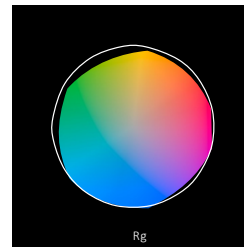
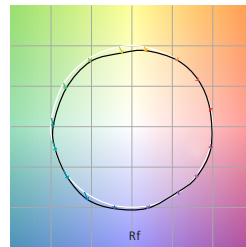
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
98.9	99.6	97.9	97.0	97.2	97.6	96.6	96.6	96.1	98.2	98.9	78.5	99.1	97.9	97.0	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
91.4	96.7	93.8	91.6	92.6	94.2	98.7	99.2	97.9	97.5	99.1	99.0	99.2	98.1	95.6	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
93.5	96.4	96.4	91.1	89.7	94.9	88.7	92.0	88.6	85.0	88.1	92.5	94.1	92.2	90.0	89.8

TM30			
Hue Bin	R _f	Chroma	Hue
1	93	-1%	1%
2	96	0%	-1%
3	96	-1%	-1%
4	91	-4%	-3%
5	90	-8%	-1%
6	95	-3%	1%
7	89	-5%	5%
8	92	-2%	4%
9	89	0%	7%
10	85	2%	9%
11	88	4%	6%
12	93	3%	0%
13	94	0%	-4%
14	92	3%	-4%
15	90	0%	-2%
16	90	0%	-3%

4000K ENC/TL

4498 K

CRI: 96.1
CRI R9: 97.7
TM30 Rf: 88.4
TM30 Rg: 97.7
CQS: 93.1
X: 0.360
Y: 0.360
U: 0.218
V: 0.327
Δuv: -0.0015



R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	
97.7	98.5	98.4	94.0	95.0	95.3	94.7	95.1	97.7	99.4	95.8	69.3	98.4	98.6	94.4	
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	
89.6	96.7	89.8	85.7	88.2	90.6	97.1	97.8	98.6	98.8	97.5	98.4	98.8	97.5	94.7	
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
91.1	94.5	95.1	89.2	86.9	92.6	88.0	84.3	82.7	80.8	83.5	92.3	91.0	92.8	86.6	86.5

TM30			
Hue Bin	R _f	Chroma	Hue
1	91	-1%	2%
2	94	0%	-1%
3	95	-1%	-1%
4	89	-4%	-3%
5	87	-8%	-2%
6	93	-5%	0%
7	88	-6%	4%
8	84	-4%	9%
9	83	-2%	12%
10	81	1%	11%
11	83	5%	8%
12	92	4%	0%
13	91	3%	-3%
14	93	-1%	-1%
15	87	1%	-4%
16	86	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