

SW-HE24/6.0

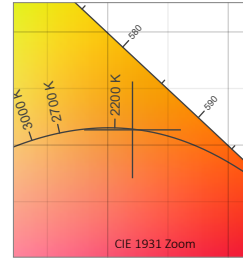
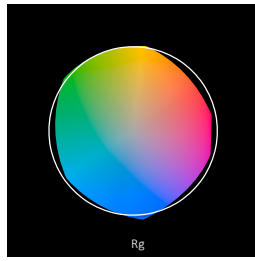
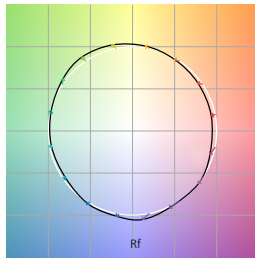
STRIP: Static White - COLOR DATA



2000K

2055 K

CRI: 92.5
 CRI R9: 58.8
 TM30 Rf: 90.7
 TM30 Rg: 101.3
 CQS: 81.4
 X: 0.521
 Y: 0.413
 U: 0.301
 V: 0.358
 Auv: -0.0003



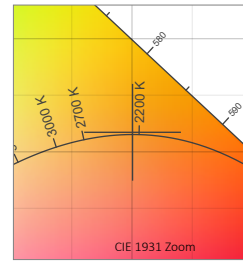
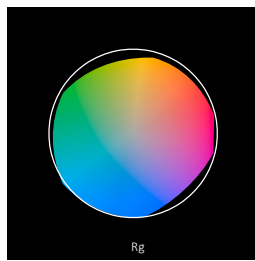
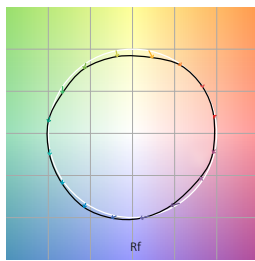
| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 93.1 | 96.6 | 97.1 | 93.1 | 92.5 | 97.3 | 90.5 | 79.8 | 58.8 | 90.0 | 94.9 | 88.3 | 94.2 | 96.6 | 87.9 | |
| Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 | Q9 | Q10 | Q11 | Q12 | Q13 | Q14 | Q15 | |
| 77.9 | 84.9 | 81.8 | 82.0 | 83.0 | 80.2 | 77.7 | 80.1 | 87.5 | 84.6 | 84.5 | 84.1 | 83.9 | 79.1 | 78.2 | |
| C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 |
| 90.4 | 89.4 | 88.4 | 92.2 | 93.7 | 91.1 | 90.3 | 93.4 | 94.7 | 92.7 | 91.0 | 89.7 | 90.3 | 74.8 | 88.1 | 86.0 |

| TM30 | | | |
|---------|----------------|--------|------|
| Hue Bin | R _f | Chroma | Hue |
| 1 | 90 | -5% | 0% |
| 2 | 89 | -4% | 4% |
| 3 | 88 | -2% | 6% |
| 4 | 92 | 2% | 5% |
| 5 | 94 | 5% | 4% |
| 6 | 91 | 6% | 1% |
| 7 | 90 | 3% | -6% |
| 8 | 93 | -1% | -5% |
| 9 | 95 | -2% | -1% |
| 10 | 93 | -3% | 3% |
| 11 | 91 | 1% | 5% |
| 12 | 90 | 3% | 3% |
| 13 | 90 | 5% | -9% |
| 14 | 75 | 0% | -14% |
| 15 | 88 | 0% | -8% |
| 16 | 86 | -4% | -9% |

2200K

2267 K

CRI: 96.0
 CRI R9: 87.8
 TM30 Rf: 91.5
 TM30 Rg: 97.1
 CQS: 88.0
 X: 0.500
 Y: 0.417
 U: 0.286
 V: 0.357
 Auv: 0.0006



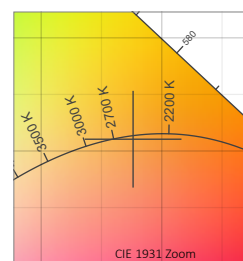
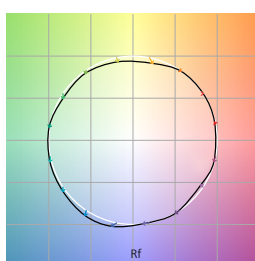
| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 97.3 | 97.4 | 98.9 | 96.1 | 96.2 | 92.6 | 95.1 | 93.9 | 87.8 | 95.9 | 92.0 | 87.5 | 96.7 | 98.2 | 97.8 | |
| Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 | Q9 | Q10 | Q11 | Q12 | Q13 | Q14 | Q15 | |
| 84.2 | 87.5 | 91.8 | 92.5 | 91.4 | 88.9 | 88.1 | 87.3 | 85.7 | 84.6 | 87.8 | 89.0 | 91.1 | 90.4 | 88.0 | |
| C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 |
| 93.6 | 95.7 | 93.3 | 87.5 | 92.3 | 91.2 | 88.3 | 91.3 | 90.1 | 92.9 | 92.6 | 90.5 | 90.7 | 84.5 | 92.7 | 91.5 |

| TM30 | | | |
|---------|----------------|--------|------|
| Hue Bin | R _f | Chroma | Hue |
| 1 | 94 | -1% | 2% |
| 2 | 96 | 0% | 0% |
| 3 | 93 | -1% | -3% |
| 4 | 87 | -7% | -6% |
| 5 | 92 | -7% | 0% |
| 6 | 91 | -4% | 5% |
| 7 | 88 | -4% | 6% |
| 8 | 91 | 1% | 6% |
| 9 | 90 | 2% | 6% |
| 10 | 93 | 3% | 3% |
| 11 | 93 | 5% | 1% |
| 12 | 91 | 3% | -5% |
| 13 | 91 | 1% | -10% |
| 14 | 84 | -3% | -10% |
| 15 | 93 | -4% | 1% |
| 16 | 91 | -2% | -4% |

2400K

2488 K

CRI: 95.8
 CRI R9: 93.0
 TM30 Rf: 92.2
 TM30 Rg: 98.9
 CQS: 92.8
 X: 0.476
 Y: 0.410
 U: 0.273
 V: 0.353
 Auv: -0.0011



| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 96.3 | 96.4 | 98.8 | 96.7 | 95.5 | 91.9 | 95.2 | 95.6 | 93.0 | 93.9 | 93.4 | 84.5 | 95.7 | 98.8 | 98.5 | |
| Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 | Q9 | Q10 | Q11 | Q12 | Q13 | Q14 | Q15 | |
| 87.8 | 92.1 | 95.5 | 94.4 | 93.0 | 92.4 | 94.9 | 95.8 | 94.5 | 94.7 | 94.6 | 94.9 | 95.9 | 92.1 | 90.8 | |
| C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 |
| 93.7 | 96.3 | 95.4 | 88.7 | 93.9 | 94.5 | 91.1 | 93.9 | 90.0 | 92.0 | 91.3 | 89.9 | 90.5 | 90.0 | 92.5 | 91.0 |

| 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% | -1% |
| 6 | 94 | -2% | 3% |
| 7 | 91 | -3% | 5% |
| 8 | 94 | 1% | 4% |
| 9 | 90 | 2% | 6% |
| 10 | 92 | 3% | 4% |
| 11 | 91 | 6% | 2% |
| 12 | 90 | 5% | -5% |
| 13 | 90 | -1% | -8% |
| 14 | 90 | 0% | -6% |
| 15 | 93 | -4% | 1% |
| 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

SW-HE24/6.0

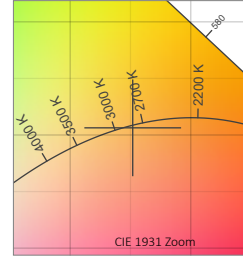
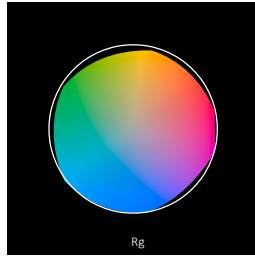
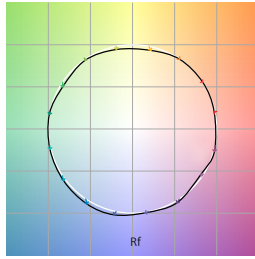
STRIP: Static White - COLOR DATA



2700K



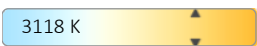
CRI: 97.4
 CRI R9: 93.5
 TM30 Rf: 93.7
 TM30 Rg: 99.6
 CQS: 95.0
 X: 0.452
 Y: 0.406
 U: 0.259
 V: 0.350
 Δuv: -0.0009



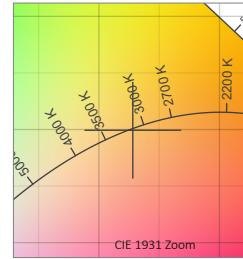
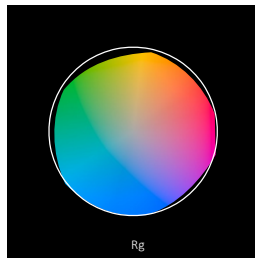
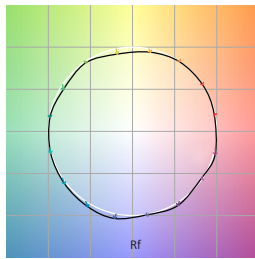
| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 97.6 | 98.3 | 98.6 | 98.3 | 97.6 | 95.6 | 96.8 | 96.6 | 93.5 | 98.3 | 96.0 | 85.7 | 97.4 | 97.9 | 98.5 | |
| Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 | Q9 | Q10 | Q11 | Q12 | Q13 | Q14 | Q15 | |
| 91.4 | 95.4 | 94.1 | 93.6 | 94.6 | 96.0 | 96.7 | 97.0 | 97.7 | 97.9 | 97.5 | 97.2 | 97.7 | 95.0 | 93.9 | |
| C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 |
| 95.0 | 97.3 | 96.5 | 92.4 | 95.2 | 96.9 | 91.5 | 96.4 | 92.6 | 91.0 | 91.9 | 92.2 | 93.3 | 92.6 | 92.8 | 90.6 |

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

3000K



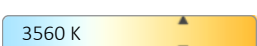
CRI: 97.8
 CRI R9: 94.6
 TM30 Rf: 92.9
 TM30 Rg: 99.4
 CQS: 94.9
 X: 0.428
 Y: 0.399
 U: 0.247
 V: 0.345
 Δuv: -0.0006



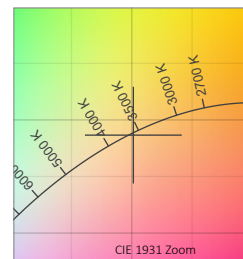
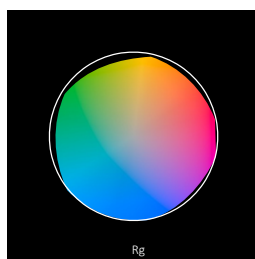
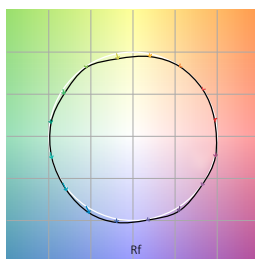
| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 98.3 | 98.9 | 98.1 | 98.7 | 97.9 | 96.7 | 97.0 | 96.8 | 94.6 | 99.9 | 98.2 | 81.3 | 98.3 | 97.9 | 97.9 | |
| Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 | Q9 | Q10 | Q11 | Q12 | Q13 | Q14 | Q15 | |
| 91.3 | 96.2 | 92.6 | 91.7 | 93.3 | 95.5 | 97.2 | 97.5 | 97.8 | 98.1 | 98.3 | 98.2 | 98.5 | 96.0 | 94.4 | |
| C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 |
| 94.6 | 97.1 | 96.7 | 92.8 | 92.4 | 96.7 | 90.3 | 95.8 | 91.1 | 88.2 | 90.2 | 91.6 | 94.2 | 92.4 | 91.0 | 89.9 |

| TM30 | | | |
|---------|----------------|--------|-----|
| Hue Bin | R _f | Chroma | Hue |
| 1 | 95 | -1% | 1% |
| 2 | 97 | 0% | 0% |
| 3 | 97 | 0% | 0% |
| 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 | 1% | -4% |
| 14 | 92 | 3% | -5% |
| 15 | 91 | -1% | -1% |
| 16 | 90 | 2% | -8% |

3500K



CRI: 97.6
 CRI R9: 94.0
 TM30 Rf: 92.2
 TM30 Rg: 99.2
 CQS: 95.2
 X: 0.401
 Y: 0.387
 U: 0.235
 V: 0.339
 Δuv: -0.0009



| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 98.7 | 99.6 | 97.5 | 97.8 | 97.3 | 96.6 | 96.9 | 96.4 | 94.0 | 98.1 | 98.6 | 76.6 | 99.2 | 97.7 | 97.2 | |
| Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 | Q9 | Q10 | Q11 | Q12 | Q13 | Q14 | Q15 | |
| 92.6 | 98.0 | 91.2 | 89.9 | 92.8 | 95.6 | 97.6 | 98.1 | 98.6 | 98.4 | 98.2 | 99.1 | 99.3 | 97.5 | 95.9 | |
| C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 |
| 94.1 | 96.8 | 96.2 | 93.0 | 91.5 | 96.8 | 92.2 | 94.1 | 90.4 | 86.4 | 87.6 | 92.0 | 94.9 | 92.0 | 90.6 | 90.2 |

| TM30 | | | |
|---------|----------------|--------|-----|
| Hue Bin | R _f | Chroma | Hue |
| 1 | 94 | -1% | 1% |
| 2 | 97 | 0% | 0% |
| 3 | 96 | 0% | 0% |
| 4 | 93 | -3% | -2% |
| 5 | 91 | -6% | -1% |
| 6 | 97 | -1% | 1% |
| 7 | 92 | -4% | 4% |
| 8 | 94 | -2% | 3% |
| 9 | 90 | 0% | 7% |
| 10 | 86 | 1% | 9% |
| 11 | 88 | 5% | 7% |
| 12 | 92 | 4% | 1% |
| 13 | 95 | 1% | -3% |
| 14 | 92 | 4% | -4% |
| 15 | 91 | 0% | -3% |
| 16 | 90 | 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

SW-HE24/6.0

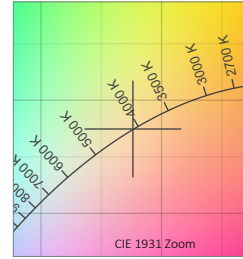
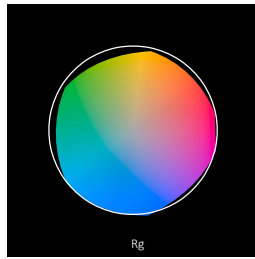
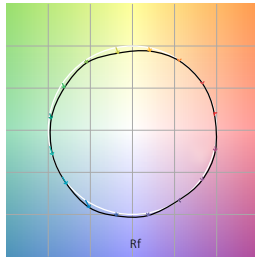
STRIP: Static White - COLOR DATA



4000K

4105 K

CRI: 97.0
CRI R9: 98.4
TM30 Rf: 91.1
TM30 Rg: 98.4
CQS: 94.1
X: 0.376
Y: 0.375
U: 0.223
V: 0.333
Δuv: 0.0002



| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 98.4 | 99.7 | 97.0 | 95.9 | 95.9 | 95.8 | 96.7 | 96.6 | 98.4 | 96.8 | 96.9 | 70.8 | 99.1 | 97.7 | 95.7 | |
| Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 | Q9 | Q10 | Q11 | Q12 | Q13 | Q14 | Q15 | |
| 91.1 | 97.7 | 90.0 | 87.4 | 90.4 | 92.8 | 97.7 | 98.2 | 98.3 | 98.4 | 98.2 | 99.4 | 99.8 | 98.3 | 95.7 | |
| C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 |
| 93.6 | 96.3 | 95.9 | 91.6 | 89.9 | 94.9 | 91.6 | 90.4 | 86.8 | 85.1 | 86.0 | 93.6 | 93.4 | 94.4 | 89.2 | 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% | 1% |
| 7 | 92 | -5% | 3% |
| 8 | 90 | -3% | 5% |
| 9 | 87 | -1% | 10% |
| 10 | 85 | 0% | 10% |
| 11 | 86 | 5% | 9% |
| 12 | 94 | 3% | 1% |
| 13 | 93 | 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