

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: IRiS

Report Number: P1254933

Luminaire Tested: P3A17R129035DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254933
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R129035DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 3500K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

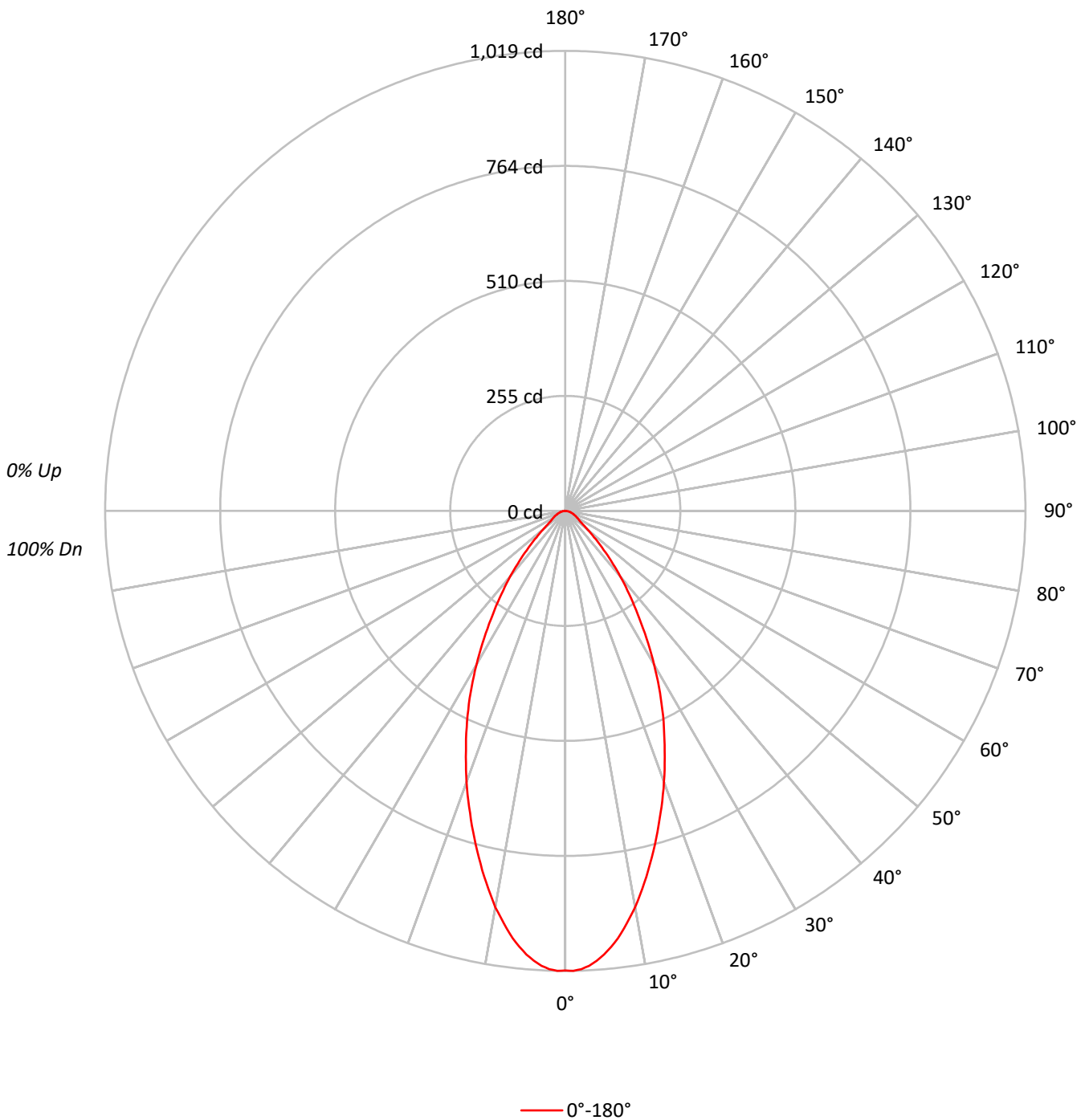
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 885.0 lumens
Efficiency: N/A
Efficacy: 38.6 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 22.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P1254933
CATALOG NUMBER: P3A17R129035DE010 E3DLD1MW

Luminous Intensity Polar Plot





TEST NUMBER: P1254933

CATALOG NUMBER: P3A17R129035DE010 E3DLD1MW

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|-----|
| RF | 20 | | | | 20 | | | | 20 | | | | 20 | | | | 20 | | | | 20 | |
| RC | 80 | | | | 70 | | | | 50 | | | | 30 | | | | 10 | | | | 0 | |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 | |
| RCR | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 | | | | 100 |
| 1 | 113 | 109 | 107 | 104 | 110 | 107 | 105 | 102 | 103 | 101 | 99 | 99 | 98 | 96 | 96 | 95 | 93 | 91 | | | | 91 |
| 2 | 106 | 100 | 96 | 92 | 104 | 99 | 95 | 91 | 95 | 92 | 89 | 92 | 90 | 87 | 90 | 87 | 85 | 83 | | | | 83 |
| 3 | 100 | 93 | 87 | 83 | 98 | 91 | 86 | 82 | 89 | 84 | 81 | 86 | 82 | 79 | 84 | 81 | 78 | 76 | | | | 76 |
| 4 | 94 | 86 | 80 | 75 | 92 | 85 | 79 | 74 | 82 | 77 | 73 | 80 | 76 | 73 | 78 | 75 | 72 | 70 | | | | 70 |
| 5 | 89 | 80 | 73 | 68 | 87 | 79 | 73 | 68 | 77 | 72 | 67 | 75 | 71 | 67 | 74 | 69 | 66 | 65 | | | | 65 |
| 6 | 84 | 74 | 68 | 63 | 83 | 73 | 67 | 63 | 72 | 66 | 62 | 70 | 66 | 62 | 69 | 65 | 61 | 60 | | | | 60 |
| 7 | 80 | 69 | 63 | 58 | 78 | 69 | 63 | 58 | 67 | 62 | 58 | 66 | 61 | 57 | 65 | 61 | 57 | 56 | | | | 56 |
| 8 | 76 | 65 | 59 | 54 | 74 | 65 | 58 | 54 | 63 | 58 | 54 | 62 | 57 | 54 | 61 | 57 | 53 | 52 | | | | 52 |
| 9 | 72 | 61 | 55 | 51 | 71 | 61 | 55 | 51 | 60 | 54 | 50 | 59 | 54 | 50 | 58 | 53 | 50 | 49 | | | | 49 |
| 10 | 68 | 58 | 52 | 48 | 67 | 57 | 51 | 47 | 57 | 51 | 47 | 56 | 51 | 47 | 55 | 50 | 47 | 46 | | | | 46 |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|--------|
| | 0° |
| 0° | 223228 |
| 5° | 217169 |
| 10° | 198460 |
| 15° | 173826 |
| 20° | 149136 |
| 25° | 124507 |
| 30° | 99636 |
| 35° | 74740 |
| 40° | 54244 |
| 45° | 35477 |
| 50° | 22174 |
| 55° | 14986 |
| 60° | 13288 |
| 65° | 12193 |
| 70° | 11476 |
| 75° | 10421 |
| 80° | 9850 |
| 85° | 8554 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 35477 cd/sqm



TEST NUMBER: P1254933
 CATALOG NUMBER: P3A17R129035DE010 E3DLD1MW

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 91.0 | 10.3 |
| 10°-20° | 213.4 | 24.1 |
| 20°-30° | 235.1 | 26.6 |
| 30°-40° | 176.1 | 19.9 |
| 40°-50° | 91.2 | 10.3 |
| 50°-60° | 37.8 | 4.3 |
| 60°-70° | 23.4 | 2.6 |
| 70°-80° | 13.1 | 1.5 |
| 80°-90° | 3.8 | 0.4 |
| 90°-100° | 0.0 | 0.0 |
| 100°-110° | 0.0 | 0.0 |
| 110°-120° | 0.0 | 0.0 |
| 120°-130° | 0.0 | 0.0 |
| 130°-140° | 0.0 | 0.0 |
| 140°-150° | 0.0 | 0.0 |
| 150°-160° | 0.0 | 0.0 |
| 160°-170° | 0.0 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-30° | 539.5 | 61.0 |
| 0°-40° | 715.5 | 80.9 |
| 0°-60° | 844.6 | 95.4 |
| 0°-90° | 885.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 885.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|------|------|
| 0° | 1018 | |
| 5° | 987 | 91 |
| 15° | 766 | 213 |
| 25° | 515 | 235 |
| 35° | 279 | 176 |
| 45° | 114 | 91 |
| 55° | 39 | 38 |
| 65° | 24 | 23 |
| 75° | 12 | 13 |
| 85° | 3 | 4 |
| 90° | 0 | |



TEST NUMBER: P1254933
CATALOG NUMBER: P3A17R129035DE010 E3DLD1MW

CANDELA DISTRIBUTION (FULL):

| 0° | |
|-------|--------|
| 0° | 1018.0 |
| 1° | 1019.1 |
| 2° | 1015.8 |
| 3° | 1009.0 |
| 4° | 998.9 |
| 5° | 986.6 |
| 6° | 970.9 |
| 7° | 954.1 |
| 8° | 933.9 |
| 9° | 912.6 |
| 10° | 891.3 |
| 12.5° | 829.7 |
| 15° | 765.7 |
| 17.5° | 701.8 |
| 20° | 639.1 |
| 22.5° | 575.2 |
| 25° | 514.6 |
| 27.5° | 454.1 |
| 30° | 393.5 |
| 32.5° | 334.1 |
| 35° | 279.2 |
| 37.5° | 232.1 |
| 40° | 189.5 |
| 42.5° | 150.2 |
| 45° | 114.4 |
| 47.5° | 86.3 |
| 50° | 65.0 |
| 52.5° | 48.2 |
| 55° | 39.2 |
| 57.5° | 34.8 |
| 60° | 30.3 |
| 62.5° | 26.9 |
| 65° | 23.5 |
| 67.5° | 20.2 |
| 70° | 17.9 |
| 72.5° | 14.6 |
| 75° | 12.3 |
| 77.5° | 10.1 |
| 80° | 7.8 |
| 82.5° | 5.6 |
| 85° | 3.4 |
| 87.5° | 1.1 |
| 90° | 0.0 |

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

IRiS

Report Number: SP1-2504-409-24

Test Date: 05/15/2025

Luminaire Tested: LD3A17R159035D010 E3D1WH

Data in this report applies to families of products including LD3A

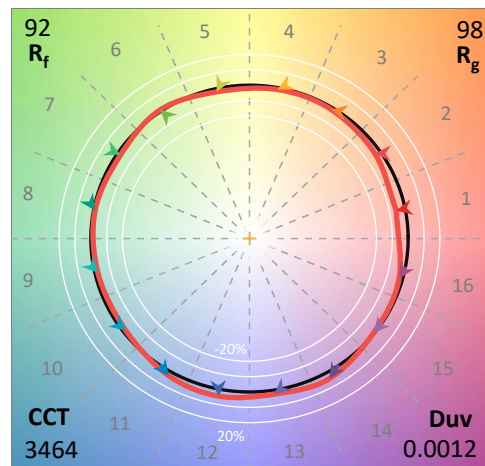
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2504-409-24
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP1 - 76IN SPHERE
 Measurement Geometry: 4π
 Issue Date: 09/15/2025
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: IRiS
 Catalog Number: **LD3A17R159035D010 E3D1WH**
 Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 90CRI LEADS, E3D1WH TRIM

Spectral Parameters

CCT (K): 3464
 CIE u': 0.2361
 CIE v': 0.5136
 Duv: 0.0012
 CIE x: 0.4086
 CIE y: 0.3951
 CIE z: 0.1963
 Peak Wavelength (nm): 614
 Dominant Wavelength (nm): 580
 Purity: 41.2143
 Rf: 91.8
 Rg: 98.4

| | | | |
|-----------|------|------|------|
| CRI (Ra): | 92.8 | | |
| R1: | 93.1 | R9: | 53.9 |
| R2: | 95.9 | R10: | 89.9 |
| R3: | 98.0 | R11: | 95.7 |
| R4: | 94.1 | R12: | 78.6 |
| R5: | 92.9 | R13: | 94.0 |
| R6: | 95.0 | R14: | 98.5 |
| R7: | 92.5 | R15: | 88.0 |
| R8: | 81.1 | | |



Test Conditions

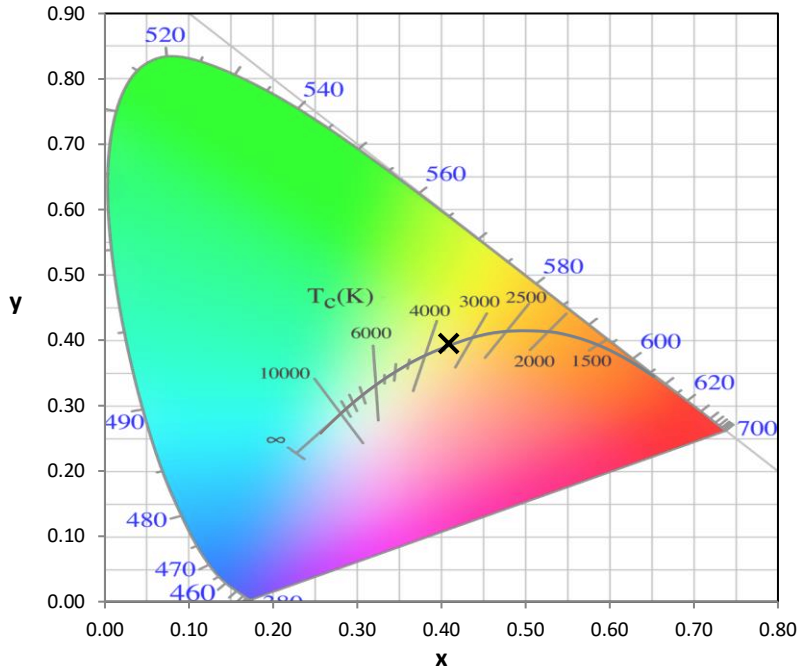
Stabilization Time: 62M
 Operation Time: 2H 2M
 Sphere Temperature (°C): 25.0

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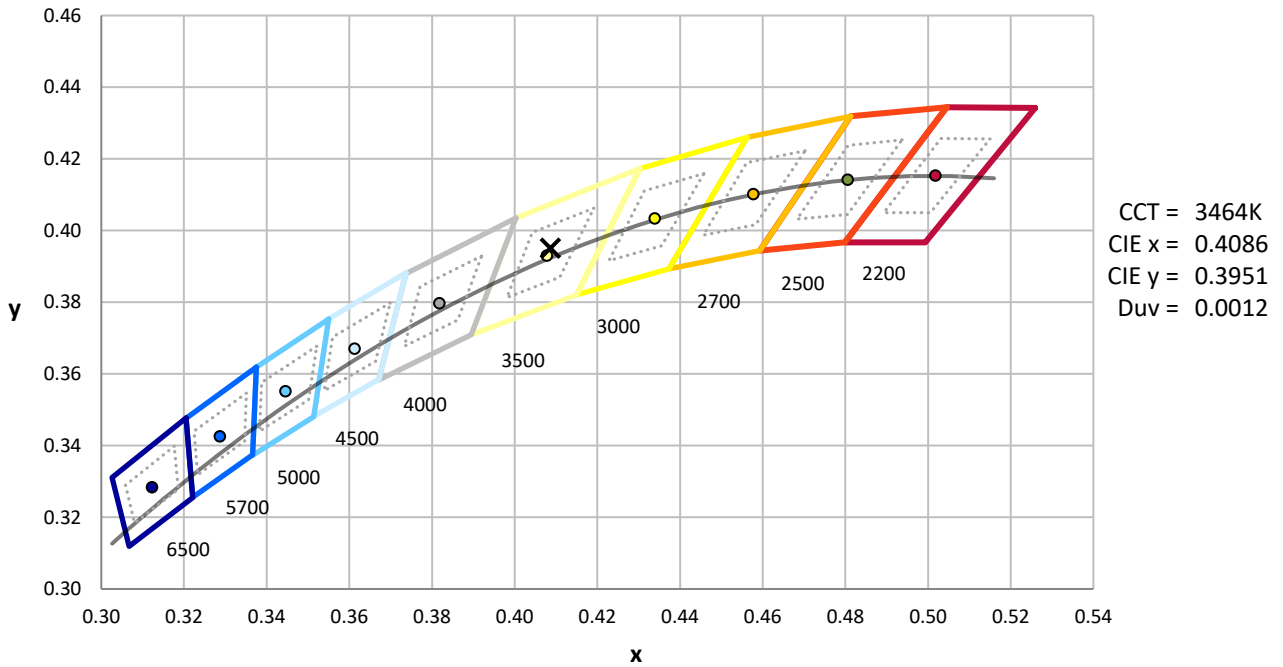
| Measurement and Test Equipment | | | |
|--------------------------------|-----------------------|------------------|----------------------|
| Instrument | Identification Number | Calibration Date | Calibration Due Date |
| Photometer | 76INCH SPHERE IN0058 | 6/16/2025 | 12/16/2025 |
| Power Meter | XITRON INXT2011004 | 1/21/2025 | 1/21/2026 |
| AC Power Source | CHROMA 61603 IN0063 | 10/22/2024 | 10/22/2025 |
| DC Power Source | AGILENT E3634A IN0208 | 10/22/2024 | 10/22/2025 |
| Sphere Thermometer | ONSET IN0085 | 10/22/2024 | 10/22/2025 |
| Room Thermometer | ONSET IN0046 | 10/22/2024 | 10/22/2025 |

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CIE 1931 Chromaticity Diagram



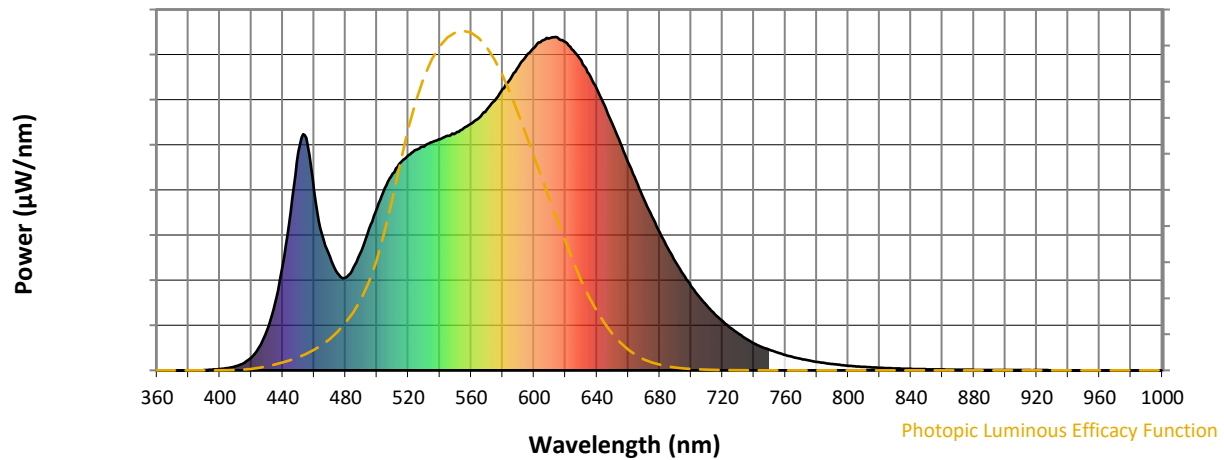
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 4-step quadrangle

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Photopic Flux vs. Wavelength

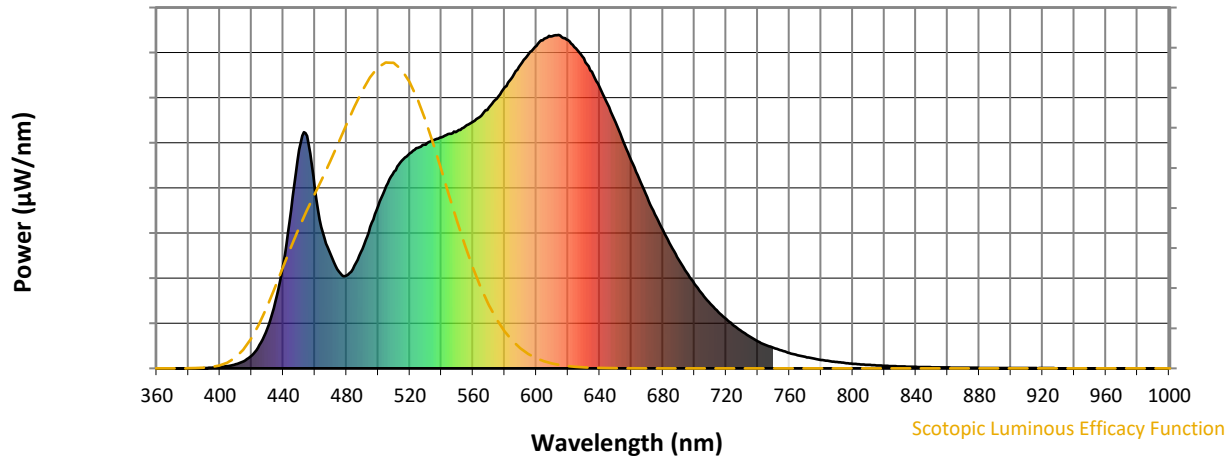


Photopic Lumens: NR

| λ (nm) | Power W [^] /nm | Lumens (ϕ /nm) | λ (nm) | Power W [^] /nm | Lumens (ϕ /nm) | λ (nm) | Power W [^] /nm | Lumens (ϕ /nm) | λ (nm) | Power W [^] /nm | Lumens (ϕ /nm) | λ (nm) | Power W [^] /nm | Lumens (ϕ /nm) |
|-------------------|-----------------------------|-------------------------|-------------------|-----------------------------|-------------------------|-------------------|-----------------------------|-------------------------|-------------------|-----------------------------|-------------------------|-------------------|-----------------------------|-------------------------|
| 360 | 0 | NR | 490 | 358 | NR | 620 | 985 | NR | 750 | 62 | NR | 880 | 1 | NR |
| 365 | 0 | NR | 495 | 424 | NR | 625 | 960 | NR | 755 | 53 | NR | 885 | 1 | NR |
| 370 | 0 | NR | 500 | 486 | NR | 630 | 930 | NR | 760 | 46 | NR | 890 | 1 | NR |
| 375 | 0 | NR | 505 | 547 | NR | 635 | 889 | NR | 765 | 40 | NR | 895 | 1 | NR |
| 380 | 0 | NR | 510 | 590 | NR | 640 | 844 | NR | 770 | 34 | NR | 900 | 1 | NR |
| 385 | 0 | NR | 515 | 623 | NR | 645 | 792 | NR | 775 | 30 | NR | 905 | 1 | NR |
| 390 | 1 | NR | 520 | 645 | NR | 650 | 738 | NR | 780 | 25 | NR | 910 | 1 | NR |
| 395 | 2 | NR | 525 | 662 | NR | 655 | 681 | NR | 785 | 22 | NR | 915 | 1 | NR |
| 400 | 4 | NR | 530 | 671 | NR | 660 | 623 | NR | 790 | 19 | NR | 920 | 1 | NR |
| 405 | 7 | NR | 535 | 685 | NR | 665 | 568 | NR | 795 | 16 | NR | 925 | 1 | NR |
| 410 | 12 | NR | 540 | 693 | NR | 670 | 513 | NR | 800 | 14 | NR | 930 | 0 | NR |
| 415 | 22 | NR | 545 | 704 | NR | 675 | 461 | NR | 805 | 12 | NR | 935 | 0 | NR |
| 420 | 39 | NR | 550 | 712 | NR | 680 | 414 | NR | 810 | 10 | NR | 940 | 0 | NR |
| 425 | 70 | NR | 555 | 726 | NR | 685 | 368 | NR | 815 | 9 | NR | 945 | 0 | NR |
| 430 | 120 | NR | 560 | 740 | NR | 690 | 326 | NR | 820 | 8 | NR | 950 | 0 | NR |
| 435 | 200 | NR | 565 | 757 | NR | 695 | 288 | NR | 825 | 7 | NR | 955 | 0 | NR |
| 440 | 315 | NR | 570 | 782 | NR | 700 | 253 | NR | 830 | 6 | NR | 960 | 0 | NR |
| 445 | 475 | NR | 575 | 809 | NR | 705 | 222 | NR | 835 | 5 | NR | 965 | 0 | NR |
| 450 | 656 | NR | 580 | 844 | NR | 710 | 194 | NR | 840 | 4 | NR | 970 | 0 | NR |
| 455 | 697 | NR | 585 | 874 | NR | 715 | 169 | NR | 845 | 4 | NR | 975 | 0 | NR |
| 460 | 539 | NR | 590 | 911 | NR | 720 | 148 | NR | 850 | 3 | NR | 980 | 0 | NR |
| 465 | 408 | NR | 595 | 943 | NR | 725 | 128 | NR | 855 | 3 | NR | 985 | 0 | NR |
| 470 | 341 | NR | 600 | 968 | NR | 730 | 111 | NR | 860 | 2 | NR | 990 | 0 | NR |
| 475 | 291 | NR | 605 | 988 | NR | 735 | 95 | NR | 865 | 2 | NR | 995 | 0 | NR |
| 480 | 278 | NR | 610 | 996 | NR | 740 | 81 | NR | 870 | 2 | NR | 1000 | 0 | NR |
| 485 | 308 | NR | 615 | 998 | NR | 745 | 70 | NR | 875 | 2 | NR | | | |

REPORT NUMBER: SP1-2504-409-24

Scotopic Flux vs. Wavelength



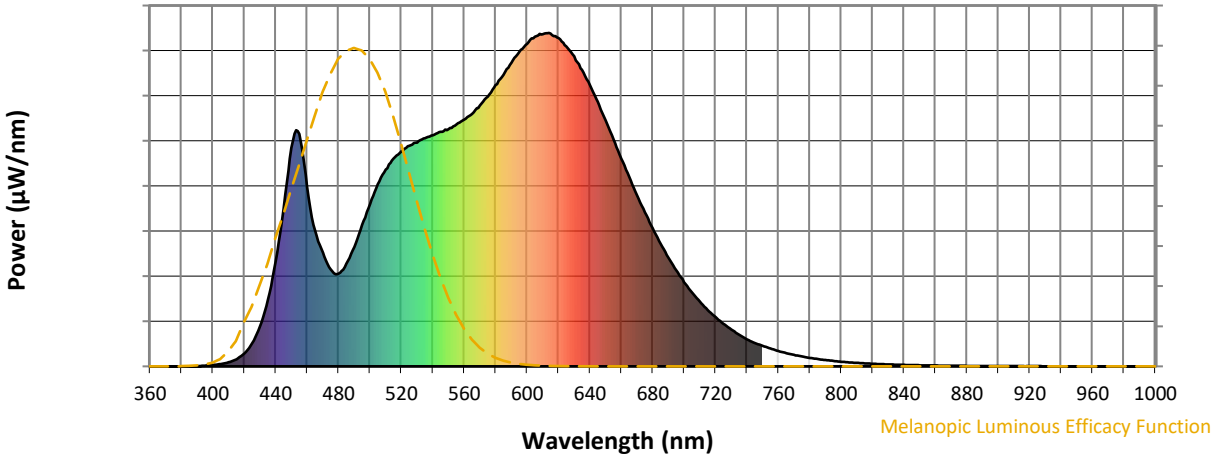
Scotopic Lumens: NR

S/P: 1.6

| λ (nm) | Power W [^] /nm | Lumens (ϕ /nm) | λ (nm) | Power W [^] /nm | Lumens (ϕ /nm) | λ (nm) | Power W [^] /nm | Lumens (ϕ /nm) | λ (nm) | Power W [^] /nm | Lumens (ϕ /nm) | λ (nm) | Power W [^] /nm | Lumens (ϕ /nm) |
|-------------------|-----------------------------|-------------------------|-------------------|-----------------------------|-------------------------|-------------------|-----------------------------|-------------------------|-------------------|-----------------------------|-------------------------|-------------------|-----------------------------|-------------------------|
| 360 | 0 | NR | 490 | 358 | NR | 620 | 985 | NR | 750 | 62 | NR | 880 | 1 | NR |
| 365 | 0 | NR | 495 | 424 | NR | 625 | 960 | NR | 755 | 53 | NR | 885 | 1 | NR |
| 370 | 0 | NR | 500 | 486 | NR | 630 | 930 | NR | 760 | 46 | NR | 890 | 1 | NR |
| 375 | 0 | NR | 505 | 547 | NR | 635 | 889 | NR | 765 | 40 | NR | 895 | 1 | NR |
| 380 | 0 | NR | 510 | 590 | NR | 640 | 844 | NR | 770 | 34 | NR | 900 | 1 | NR |
| 385 | 0 | NR | 515 | 623 | NR | 645 | 792 | NR | 775 | 30 | NR | 905 | 1 | NR |
| 390 | 1 | NR | 520 | 645 | NR | 650 | 738 | NR | 780 | 25 | NR | 910 | 1 | NR |
| 395 | 2 | NR | 525 | 662 | NR | 655 | 681 | NR | 785 | 22 | NR | 915 | 1 | NR |
| 400 | 4 | NR | 530 | 671 | NR | 660 | 623 | NR | 790 | 19 | NR | 920 | 1 | NR |
| 405 | 7 | NR | 535 | 685 | NR | 665 | 568 | NR | 795 | 16 | NR | 925 | 1 | NR |
| 410 | 12 | NR | 540 | 693 | NR | 670 | 513 | NR | 800 | 14 | NR | 930 | 0 | NR |
| 415 | 22 | NR | 545 | 704 | NR | 675 | 461 | NR | 805 | 12 | NR | 935 | 0 | NR |
| 420 | 39 | NR | 550 | 712 | NR | 680 | 414 | NR | 810 | 10 | NR | 940 | 0 | NR |
| 425 | 70 | NR | 555 | 726 | NR | 685 | 368 | NR | 815 | 9 | NR | 945 | 0 | NR |
| 430 | 120 | NR | 560 | 740 | NR | 690 | 326 | NR | 820 | 8 | NR | 950 | 0 | NR |
| 435 | 200 | NR | 565 | 757 | NR | 695 | 288 | NR | 825 | 7 | NR | 955 | 0 | NR |
| 440 | 315 | NR | 570 | 782 | NR | 700 | 253 | NR | 830 | 6 | NR | 960 | 0 | NR |
| 445 | 475 | NR | 575 | 809 | NR | 705 | 222 | NR | 835 | 5 | NR | 965 | 0 | NR |
| 450 | 656 | NR | 580 | 844 | NR | 710 | 194 | NR | 840 | 4 | NR | 970 | 0 | NR |
| 455 | 697 | NR | 585 | 874 | NR | 715 | 169 | NR | 845 | 4 | NR | 975 | 0 | NR |
| 460 | 539 | NR | 590 | 911 | NR | 720 | 148 | NR | 850 | 3 | NR | 980 | 0 | NR |
| 465 | 408 | NR | 595 | 943 | NR | 725 | 128 | NR | 855 | 3 | NR | 985 | 0 | NR |
| 470 | 341 | NR | 600 | 968 | NR | 730 | 111 | NR | 860 | 2 | NR | 990 | 0 | NR |
| 475 | 291 | NR | 605 | 988 | NR | 735 | 95 | NR | 865 | 2 | NR | 995 | 0 | NR |
| 480 | 278 | NR | 610 | 996 | NR | 740 | 81 | NR | 870 | 2 | NR | 1000 | 0 | NR |
| 485 | 308 | NR | 615 | 998 | NR | 745 | 70 | NR | 875 | 2 | NR | | | |

REPORT NUMBER: SP1-2504-409-24

Melanopic Flux vs. Wavelength



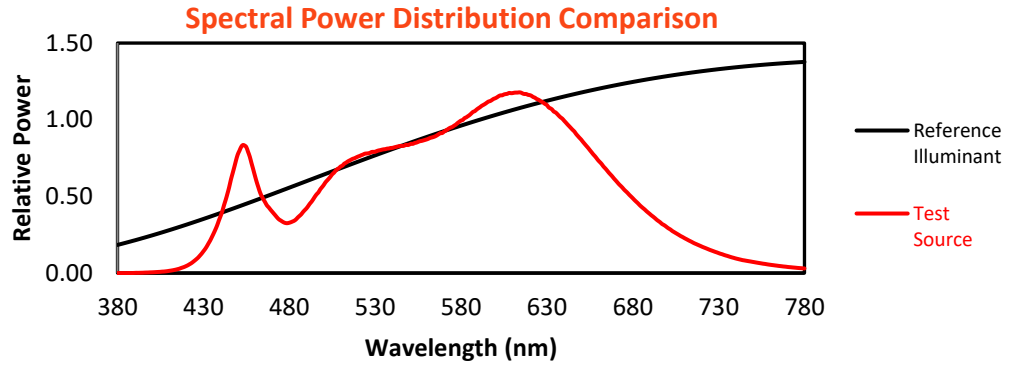
Melanopic Lumens: NR

M/P: 3.22

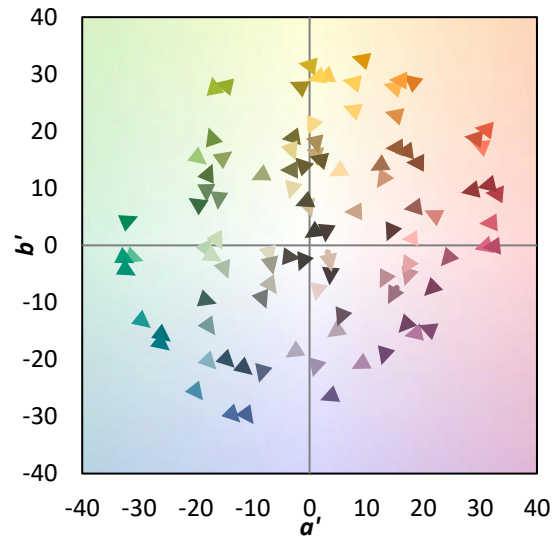
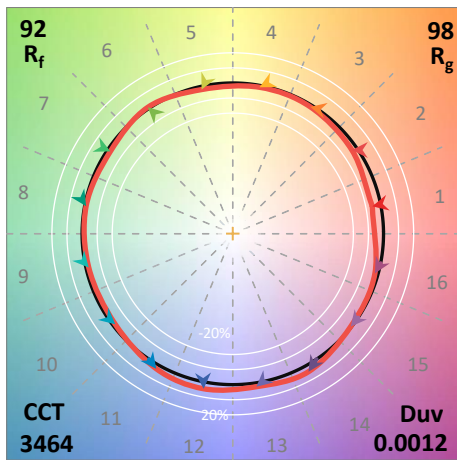
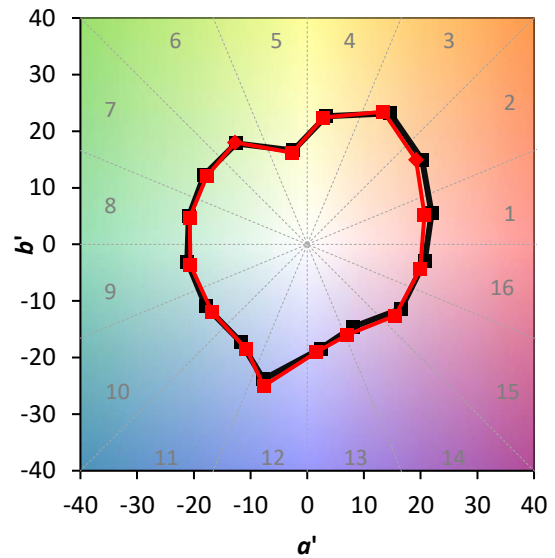
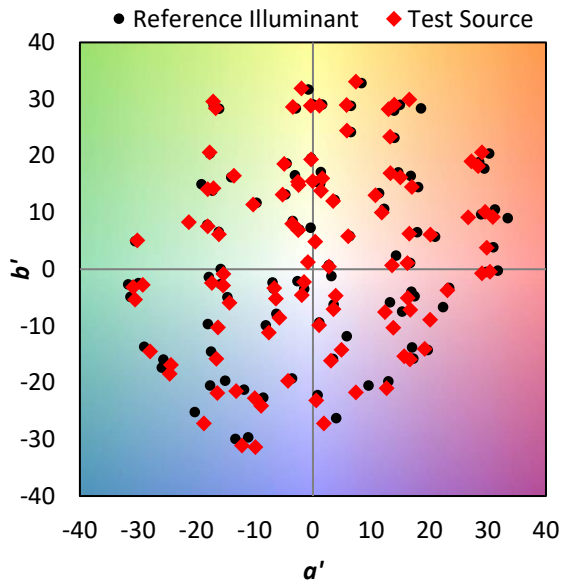
| λ (nm) | Power W [^] /nm | Lumens (φ/nm) | λ (nm) | Power W [^] /nm | Lumens (φ/nm) | λ (nm) | Power W [^] /nm | Lumens (φ/nm) | λ (nm) | Power W [^] /nm | Lumens (φ/nm) | λ (nm) | Power W [^] /nm | Lumens (φ/nm) |
|--------|--------------------------|---------------|--------|--------------------------|---------------|--------|--------------------------|---------------|--------|--------------------------|---------------|--------|--------------------------|---------------|
| 360 | 0 | NR | 490 | 358 | NR | 620 | 985 | NR | 750 | 62 | NR | 880 | 1 | NR |
| 365 | 0 | NR | 495 | 424 | NR | 625 | 960 | NR | 755 | 53 | NR | 885 | 1 | NR |
| 370 | 0 | NR | 500 | 486 | NR | 630 | 930 | NR | 760 | 46 | NR | 890 | 1 | NR |
| 375 | 0 | NR | 505 | 547 | NR | 635 | 889 | NR | 765 | 40 | NR | 895 | 1 | NR |
| 380 | 0 | NR | 510 | 590 | NR | 640 | 844 | NR | 770 | 34 | NR | 900 | 1 | NR |
| 385 | 0 | NR | 515 | 623 | NR | 645 | 792 | NR | 775 | 30 | NR | 905 | 1 | NR |
| 390 | 1 | NR | 520 | 645 | NR | 650 | 738 | NR | 780 | 25 | NR | 910 | 1 | NR |
| 395 | 2 | NR | 525 | 662 | NR | 655 | 681 | NR | 785 | 22 | NR | 915 | 1 | NR |
| 400 | 4 | NR | 530 | 671 | NR | 660 | 623 | NR | 790 | 19 | NR | 920 | 1 | NR |
| 405 | 7 | NR | 535 | 685 | NR | 665 | 568 | NR | 795 | 16 | NR | 925 | 1 | NR |
| 410 | 12 | NR | 540 | 693 | NR | 670 | 513 | NR | 800 | 14 | NR | 930 | 0 | NR |
| 415 | 22 | NR | 545 | 704 | NR | 675 | 461 | NR | 805 | 12 | NR | 935 | 0 | NR |
| 420 | 39 | NR | 550 | 712 | NR | 680 | 414 | NR | 810 | 10 | NR | 940 | 0 | NR |
| 425 | 70 | NR | 555 | 726 | NR | 685 | 368 | NR | 815 | 9 | NR | 945 | 0 | NR |
| 430 | 120 | NR | 560 | 740 | NR | 690 | 326 | NR | 820 | 8 | NR | 950 | 0 | NR |
| 435 | 200 | NR | 565 | 757 | NR | 695 | 288 | NR | 825 | 7 | NR | 955 | 0 | NR |
| 440 | 315 | NR | 570 | 782 | NR | 700 | 253 | NR | 830 | 6 | NR | 960 | 0 | NR |
| 445 | 475 | NR | 575 | 809 | NR | 705 | 222 | NR | 835 | 5 | NR | 965 | 0 | NR |
| 450 | 656 | NR | 580 | 844 | NR | 710 | 194 | NR | 840 | 4 | NR | 970 | 0 | NR |
| 455 | 697 | NR | 585 | 874 | NR | 715 | 169 | NR | 845 | 4 | NR | 975 | 0 | NR |
| 460 | 539 | NR | 590 | 911 | NR | 720 | 148 | NR | 850 | 3 | NR | 980 | 0 | NR |
| 465 | 408 | NR | 595 | 943 | NR | 725 | 128 | NR | 855 | 3 | NR | 985 | 0 | NR |
| 470 | 341 | NR | 600 | 968 | NR | 730 | 111 | NR | 860 | 2 | NR | 990 | 0 | NR |
| 475 | 291 | NR | 605 | 988 | NR | 735 | 95 | NR | 865 | 2 | NR | 995 | 0 | NR |
| 480 | 278 | NR | 610 | 996 | NR | 740 | 81 | NR | 870 | 2 | NR | 1000 | 0 | NR |
| 485 | 308 | NR | 615 | 998 | NR | 745 | 70 | NR | 875 | 2 | NR | | | |

Summary

$R_f = 91.8$
 $R_g = 98.4$
 $CIE R_a = 92.8$
 $R_9 = 53.9$

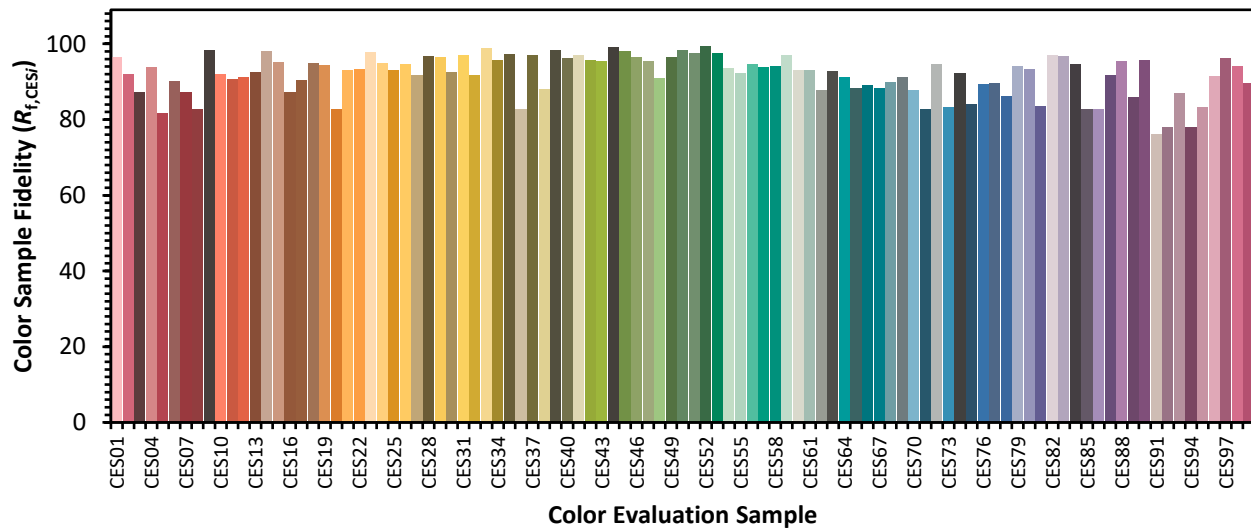


Color Vector Graphics

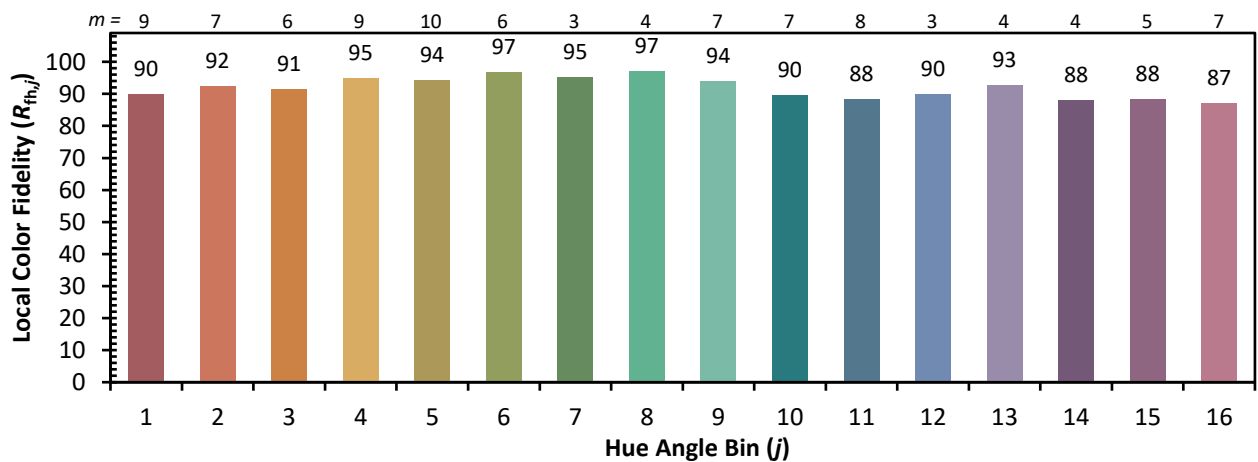
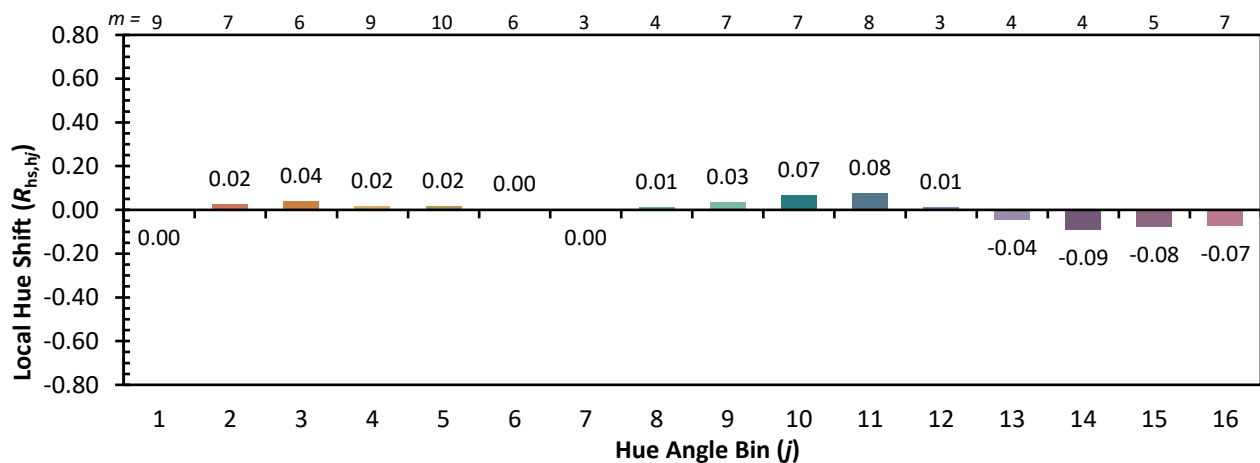
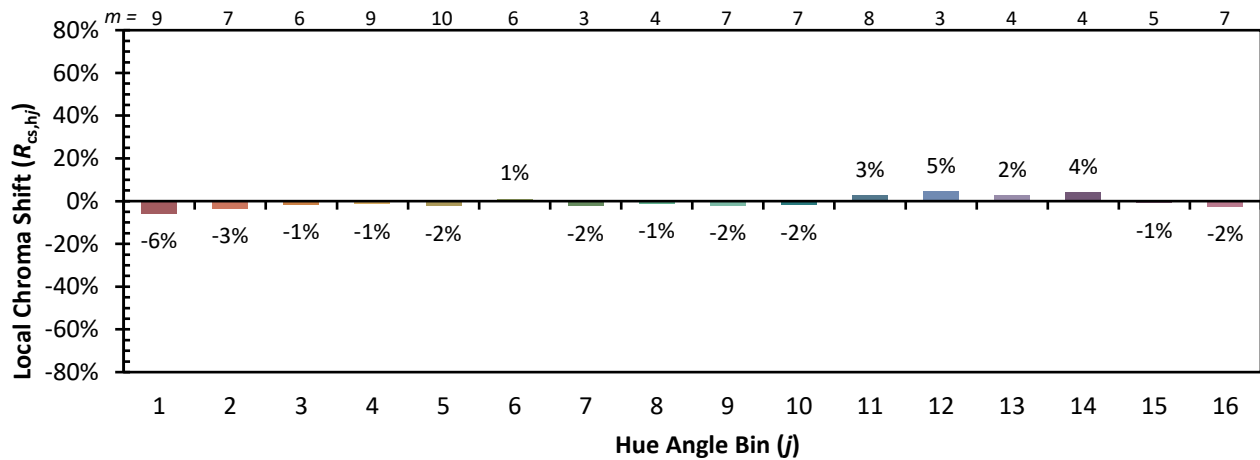


Individual Sample Fidelity Index ($R_{f,i}$)

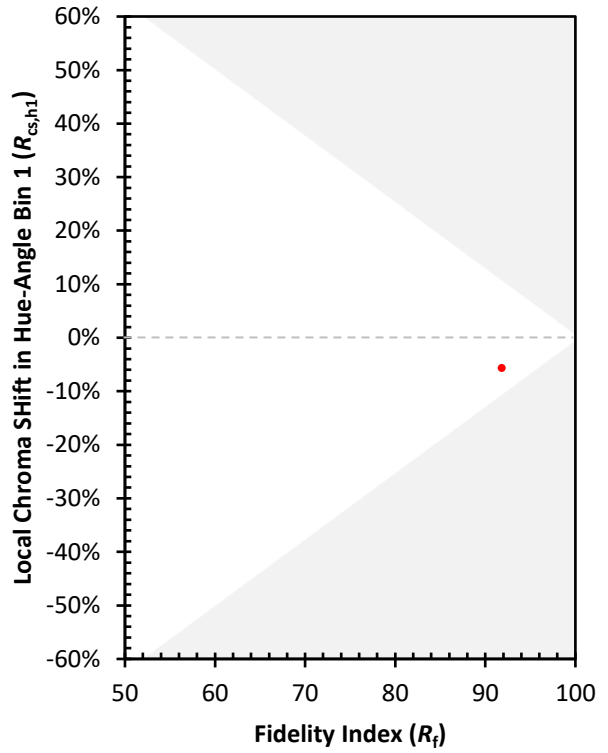
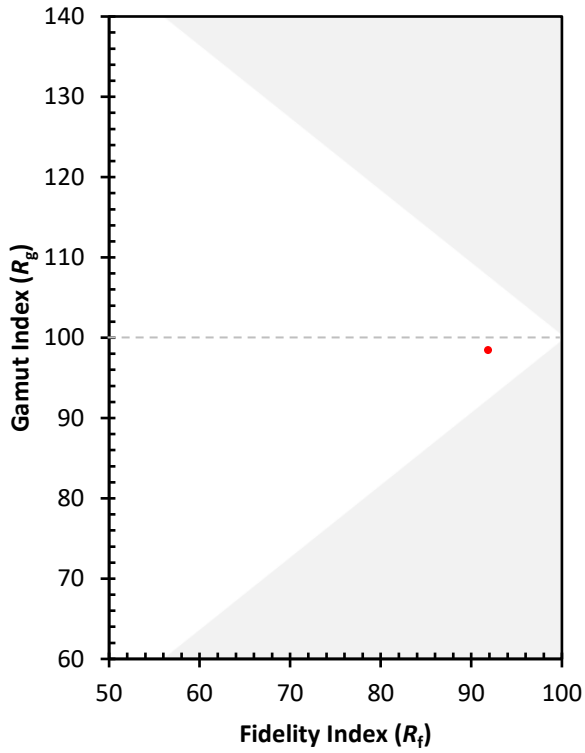
| | | | |
|------------|------------|------------|------------|
| CES01 = 86 | CES26 = 95 | CES51 = 98 | CES76 = 89 |
| CES02 = 62 | CES27 = 92 | CES52 = 99 | CES77 = 90 |
| CES03 = 31 | CES28 = 97 | CES53 = 98 | CES78 = 86 |
| CES04 = 70 | CES29 = 97 | CES54 = 93 | CES79 = 94 |
| CES05 = 49 | CES30 = 93 | CES55 = 92 | CES80 = 93 |
| CES06 = 51 | CES31 = 97 | CES56 = 95 | CES81 = 84 |
| CES07 = 42 | CES32 = 92 | CES57 = 94 | CES82 = 97 |
| CES08 = 41 | CES33 = 99 | CES58 = 94 | CES83 = 97 |
| CES09 = 29 | CES34 = 96 | CES59 = 97 | CES84 = 95 |
| CES10 = 75 | CES35 = 97 | CES60 = 93 | CES85 = 83 |
| CES11 = 58 | CES36 = 83 | CES61 = 93 | CES86 = 83 |
| CES12 = 64 | CES37 = 97 | CES62 = 88 | CES87 = 92 |
| CES13 = 43 | CES38 = 88 | CES63 = 93 | CES88 = 96 |
| CES14 = 74 | CES39 = 98 | CES64 = 91 | CES89 = 86 |
| CES15 = 71 | CES40 = 96 | CES65 = 88 | CES90 = 96 |
| CES16 = 47 | CES41 = 97 | CES66 = 89 | CES91 = 76 |
| CES17 = 49 | CES42 = 96 | CES67 = 88 | CES92 = 78 |
| CES18 = 56 | CES43 = 96 | CES68 = 90 | CES93 = 87 |
| CES19 = 71 | CES44 = 99 | CES69 = 91 | CES94 = 78 |
| CES20 = 66 | CES45 = 98 | CES70 = 88 | CES95 = 83 |
| CES21 = 86 | CES46 = 97 | CES71 = 83 | CES96 = 91 |
| CES22 = 78 | CES47 = 95 | CES72 = 95 | CES97 = 96 |
| CES23 = 91 | CES48 = 91 | CES73 = 83 | CES98 = 94 |
| CES24 = 90 | CES49 = 96 | CES74 = 92 | CES99 = 90 |
| CES25 = 71 | CES50 = 98 | CES75 = 84 | |



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)