

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: P1248121

Luminaire Tested: P3A02R409027DE010 E3D1WH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248121
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-12)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R409027DE010 E3D1WH
Description: 3in Adjustable LED luminaire with, R40 optic, 2700K CCT AND, 90CRI , E3D1WH TRIM
Light Source: -
Ballast/Driver: -

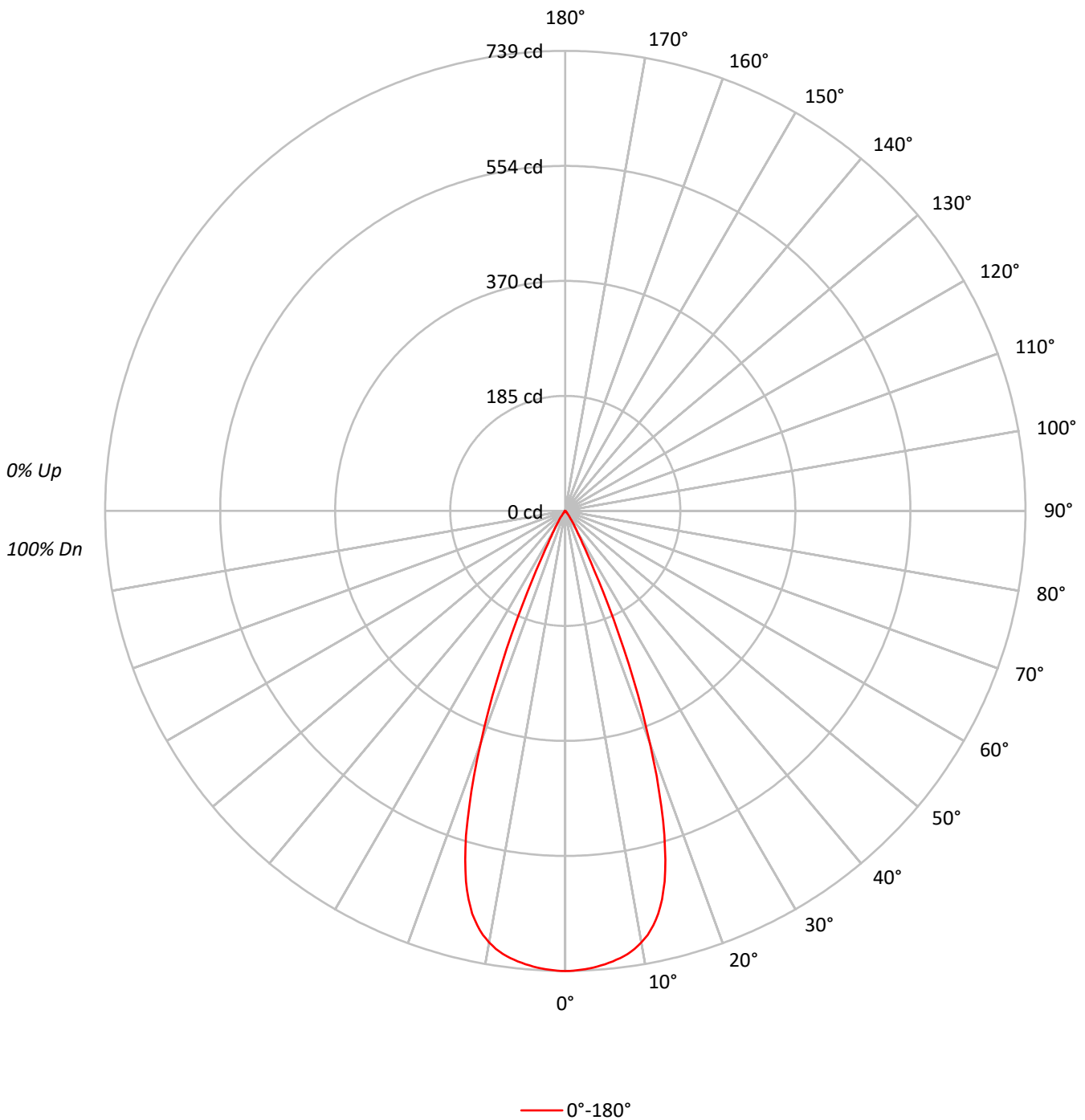
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 318.0 lumens
Efficiency: N/A
Efficacy: 88.3 lumens/watt
Spacing Criteria (0/90/45): 0.7 / 0.7 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
Input Voltage (V): NR
Input Current (A_{in}): 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: P1248121
CATALOG NUMBER: P3A02R409027DE010 E3D1WH

Luminous Intensity Polar Plot





TEST NUMBER: P1248121
 CATALOG NUMBER: P3A02R409027DE010 E3D1WH

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|-----|
| RF | 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 | 115 | 112 | 110 | 109 | 112 | 110 | 109 | 107 | 106 | 105 | 104 | 103 | 102 | 101 | 99 | 98 | 98 | 96 | | | 96 |
| 2 | 111 | 107 | 104 | 101 | 109 | 105 | 102 | 100 | 102 | 100 | 98 | 99 | 97 | 96 | 96 | 95 | 94 | 92 | | | 92 |
| 3 | 107 | 102 | 98 | 95 | 105 | 100 | 97 | 94 | 98 | 95 | 93 | 96 | 93 | 91 | 93 | 91 | 90 | 88 | | | 88 |
| 4 | 103 | 97 | 93 | 90 | 101 | 96 | 92 | 89 | 94 | 91 | 88 | 92 | 89 | 87 | 90 | 88 | 86 | 85 | | | 85 |
| 5 | 99 | 93 | 89 | 85 | 98 | 92 | 88 | 85 | 91 | 87 | 84 | 89 | 86 | 84 | 88 | 85 | 83 | 82 | | | 82 |
| 6 | 96 | 89 | 85 | 81 | 95 | 89 | 84 | 81 | 87 | 83 | 81 | 86 | 83 | 80 | 85 | 82 | 80 | 79 | | | 79 |
| 7 | 93 | 86 | 81 | 78 | 92 | 85 | 81 | 78 | 84 | 80 | 77 | 83 | 80 | 77 | 82 | 79 | 77 | 76 | | | 76 |
| 8 | 90 | 83 | 78 | 75 | 89 | 82 | 78 | 75 | 81 | 77 | 75 | 80 | 77 | 74 | 79 | 76 | 74 | 73 | | | 73 |
| 9 | 87 | 80 | 75 | 72 | 86 | 79 | 75 | 72 | 78 | 75 | 72 | 78 | 74 | 72 | 77 | 74 | 71 | 70 | | | 70 |
| 10 | 84 | 77 | 72 | 70 | 83 | 77 | 72 | 69 | 76 | 72 | 69 | 75 | 72 | 69 | 75 | 71 | 69 | 68 | | | 68 |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|--------|
| | 0° |
| 0° | 162092 |
| 5° | 160928 |
| 10° | 156711 |
| 15° | 139978 |
| 20° | 92828 |
| 25° | 34768 |
| 30° | 9293 |
| 35° | 3641 |
| 40° | 1317 |
| 45° | 620 |
| 50° | 205 |
| 55° | 76 |
| 60° | 44 |
| 65° | 52 |
| 70° | 0 |
| 75° | 0 |
| 80° | 0 |
| 85° | 0 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 620 cd/sqm



TEST NUMBER: P1248121
 CATALOG NUMBER: P3A02R409027DE010 E3D1WH

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 69.0 | 21.7 |
| 10°-20° | 163.4 | 51.4 |
| 20°-30° | 74.1 | 23.3 |
| 30°-40° | 9.6 | 3.0 |
| 40°-50° | 1.7 | 0.5 |
| 50°-60° | 0.2 | 0.1 |
| 60°-70° | 0.1 | 0.0 |
| 70°-80° | 0.0 | 0.0 |
| 80°-90° | 0.0 | 0.0 |
| 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° | 306.5 | 96.4 |
| 0°-40° | 316.1 | 99.4 |
| 0°-60° | 317.9 | 100.0 |
| 0°-90° | 318.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 318.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|-----|------|
| 0° | 739 | |
| 5° | 731 | 69 |
| 15° | 617 | 163 |
| 25° | 144 | 74 |
| 35° | 14 | 10 |
| 45° | 2 | 2 |
| 55° | 0 | 0 |
| 65° | 0 | 0 |
| 75° | 0 | 0 |
| 85° | 0 | 0 |
| 90° | 0 | |



TEST NUMBER: P1248121
CATALOG NUMBER: P3A02R409027DE010 E3D1WH

CANDELA DISTRIBUTION (FULL):

| 0° | |
|-------|-------|
| 0° | 739.2 |
| 1° | 738.8 |
| 2° | 737.6 |
| 3° | 736.0 |
| 4° | 733.9 |
| 5° | 731.1 |
| 6° | 727.8 |
| 7° | 723.8 |
| 8° | 718.9 |
| 9° | 712.3 |
| 10° | 703.8 |
| 11° | 693.9 |
| 12° | 680.6 |
| 13° | 664.3 |
| 14° | 642.9 |
| 15° | 616.6 |
| 16° | 583.1 |
| 17° | 544.9 |
| 18° | 499.1 |
| 19° | 450.6 |
| 20° | 397.8 |
| 21° | 344.9 |
| 22° | 292.8 |
| 23° | 240.9 |
| 24° | 189.9 |
| 25° | 143.7 |
| 26° | 106.4 |
| 27° | 77.9 |
| 28° | 58.6 |
| 29° | 45.5 |
| 30° | 36.7 |
| 31° | 30.4 |
| 32° | 25.4 |
| 32.5° | 23.2 |
| 33° | 20.9 |
| 34° | 17.0 |
| 35° | 13.6 |
| 36° | 10.7 |
| 37° | 8.5 |
| 37.5° | 7.6 |
| 38° | 6.7 |
| 39° | 5.6 |
| 40° | 4.6 |
| 42.5° | 3.0 |
| 45° | 2.0 |



TEST NUMBER: P1248121
CATALOG NUMBER: P3A02R409027DE010 E3D1WH

CANDELA DISTRIBUTION (continued):

| | 0° |
|-------|-----|
| 47.5° | 1.2 |
| 50° | 0.6 |
| 52.5° | 0.2 |
| 55° | 0.2 |
| 57.5° | 0.1 |
| 60° | 0.1 |
| 62.5° | 0.1 |
| 65° | 0.1 |
| 67.5° | 0.0 |
| 70° | 0.0 |
| 72.5° | 0.0 |
| 75° | 0.0 |
| 77.5° | 0.0 |
| 80° | 0.0 |
| 82.5° | 0.0 |
| 85° | 0.0 |
| 87.5° | 0.0 |
| 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: SP1-2504-409-27

Test Date: 05/16/2025

Luminaire Tested: LD3A13R159027D010 E3D1H

Data in this report applies to families of products including LD3A

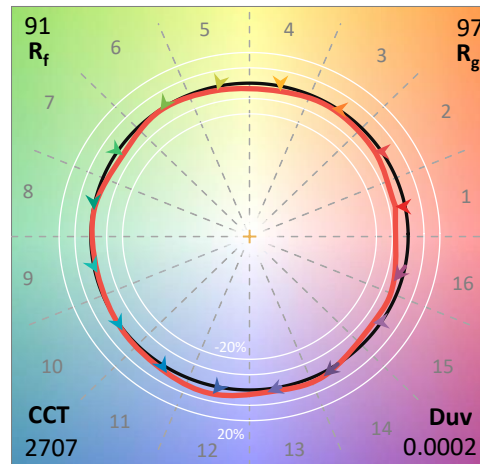
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2504-409-27
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP1 - 76IN SPHERE
 Measurement Geometry: 4π
 Issue Date: 01/06/2026
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: IRiS
 Catalog Number: **LD3A13R159027D010 E3D1H**
 Description: 3in Adjustable LED luminaire with, R15 optic, 2700K CCT AND, 90CRI LEDS, E3D1H TRIM

Spectral Parameters

CCT (K): 2707
 CIE u': 0.2622
 CIE v': 0.5275
 Duv: 0.0002
 CIE x: 0.4597
 CIE y: 0.4111
 CIE z: 0.1292
 Peak Wavelength (nm): 618
 Dominant Wavelength (nm): 584
 Purity: 61.37764
 Rf: 91.2
 Rg: 97.1

CRI (Ra): 92.2
 R1: 93.3
 R2: 98.1
 R3: 97.1
 R4: 93.2
 R5: 93.7
 R6: 97.0
 R7: 88.8
 R8: 76.6
 R9: 50.2
 R10: 95.3
 R11: 96.2
 R12: 85.7
 R13: 94.9
 R14: 99.3
 R15: 87.0



Test Conditions

Stabilization Time: 48M
 Operation Time: 1H 48M
 Sphere Temperature (°C): 25.0

REPORT NUMBER: SP1-2504-409-27

| Measurement and Test Equipment | | | |
|--------------------------------|-----------------------|------------------|----------------------|
| Instrument | Identification Number | Calibration Date | Calibration Due Date |
| Photometer | 76INCH SPHERE IN0058 | 12/16/2024 | 6/16/2025 |
| 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



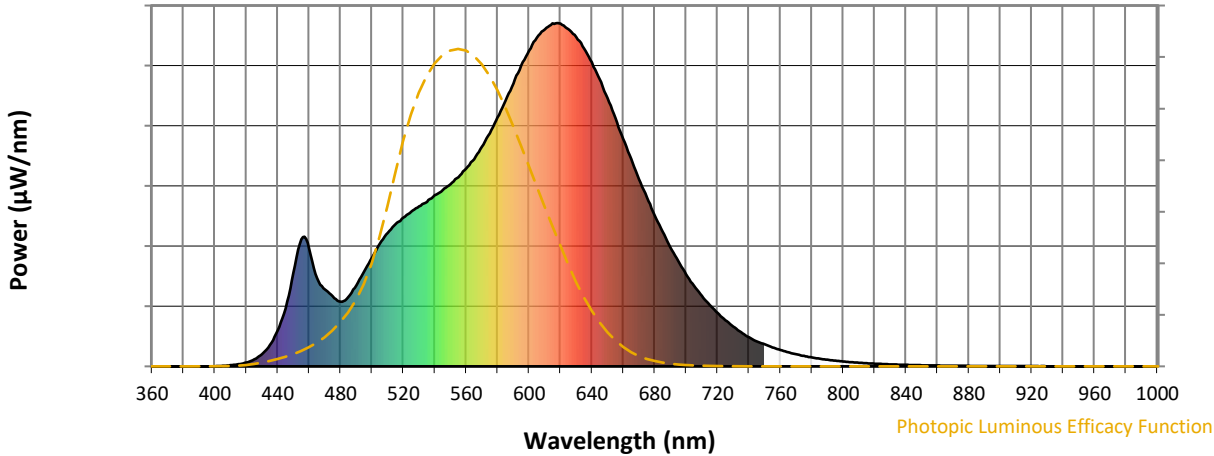
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2504-409-27

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 | 236 | NR | 620 | 998 | NR | 750 | 64 | NR | 880 | 1 | NR |
| 365 | 0 | NR | 495 | 276 | NR | 625 | 983 | NR | 755 | 55 | NR | 885 | 1 | NR |
| 370 | 0 | NR | 500 | 317 | NR | 630 | 960 | NR | 760 | 48 | NR | 890 | 1 | NR |
| 375 | 0 | NR | 505 | 357 | NR | 635 | 927 | NR | 765 | 41 | NR | 895 | 1 | NR |
| 380 | 0 | NR | 510 | 389 | NR | 640 | 885 | NR | 770 | 35 | NR | 900 | 1 | NR |
| 385 | 0 | NR | 515 | 414 | NR | 645 | 836 | NR | 775 | 30 | NR | 905 | 1 | NR |
| 390 | 0 | NR | 520 | 434 | NR | 650 | 781 | NR | 780 | 26 | NR | 910 | 1 | NR |
| 395 | 0 | NR | 525 | 450 | NR | 655 | 723 | NR | 785 | 22 | NR | 915 | 1 | NR |
| 400 | 1 | NR | 530 | 466 | NR | 660 | 662 | NR | 790 | 19 | NR | 920 | 1 | NR |
| 405 | 2 | NR | 535 | 480 | NR | 665 | 604 | NR | 795 | 16 | NR | 925 | 0 | NR |
| 410 | 3 | NR | 540 | 498 | NR | 670 | 546 | NR | 800 | 14 | NR | 930 | 0 | NR |
| 415 | 6 | NR | 545 | 514 | NR | 675 | 492 | NR | 805 | 12 | NR | 935 | 0 | NR |
| 420 | 11 | NR | 550 | 530 | NR | 680 | 440 | NR | 810 | 10 | NR | 940 | 0 | NR |
| 425 | 20 | NR | 555 | 551 | NR | 685 | 393 | NR | 815 | 9 | NR | 945 | 0 | NR |
| 430 | 35 | NR | 560 | 577 | NR | 690 | 347 | NR | 820 | 8 | NR | 950 | 0 | NR |
| 435 | 62 | NR | 565 | 604 | NR | 695 | 306 | NR | 825 | 7 | NR | 955 | 0 | NR |
| 440 | 104 | NR | 570 | 640 | NR | 700 | 268 | NR | 830 | 6 | NR | 960 | 0 | NR |
| 445 | 168 | NR | 575 | 679 | NR | 705 | 235 | NR | 835 | 5 | NR | 965 | 0 | NR |
| 450 | 272 | NR | 580 | 726 | NR | 710 | 205 | NR | 840 | 4 | NR | 970 | 0 | NR |
| 455 | 370 | NR | 585 | 774 | NR | 715 | 179 | NR | 845 | 4 | NR | 975 | 0 | NR |
| 460 | 344 | NR | 590 | 824 | NR | 720 | 156 | NR | 850 | 3 | NR | 980 | 0 | NR |
| 465 | 257 | NR | 595 | 877 | NR | 725 | 134 | NR | 855 | 3 | NR | 985 | 0 | NR |
| 470 | 224 | NR | 600 | 920 | NR | 730 | 116 | NR | 860 | 2 | NR | 990 | 0 | NR |
| 475 | 204 | NR | 605 | 957 | NR | 735 | 100 | NR | 865 | 2 | NR | 995 | 0 | NR |
| 480 | 188 | NR | 610 | 982 | NR | 740 | 85 | NR | 870 | 2 | NR | 1000 | 0 | NR |
| 485 | 202 | NR | 615 | 999 | NR | 745 | 73 | NR | 875 | 2 | NR | | | |

REPORT NUMBER: SP1-2504-409-27

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.31

| 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 | 236 | NR | 620 | 998 | NR | 750 | 64 | NR | 880 | 1 | NR |
| 365 | 0 | NR | 495 | 276 | NR | 625 | 983 | NR | 755 | 55 | NR | 885 | 1 | NR |
| 370 | 0 | NR | 500 | 317 | NR | 630 | 960 | NR | 760 | 48 | NR | 890 | 1 | NR |
| 375 | 0 | NR | 505 | 357 | NR | 635 | 927 | NR | 765 | 41 | NR | 895 | 1 | NR |
| 380 | 0 | NR | 510 | 389 | NR | 640 | 885 | NR | 770 | 35 | NR | 900 | 1 | NR |
| 385 | 0 | NR | 515 | 414 | NR | 645 | 836 | NR | 775 | 30 | NR | 905 | 1 | NR |
| 390 | 0 | NR | 520 | 434 | NR | 650 | 781 | NR | 780 | 26 | NR | 910 | 1 | NR |
| 395 | 0 | NR | 525 | 450 | NR | 655 | 723 | NR | 785 | 22 | NR | 915 | 1 | NR |
| 400 | 1 | NR | 530 | 466 | NR | 660 | 662 | NR | 790 | 19 | NR | 920 | 1 | NR |
| 405 | 2 | NR | 535 | 480 | NR | 665 | 604 | NR | 795 | 16 | NR | 925 | 0 | NR |
| 410 | 3 | NR | 540 | 498 | NR | 670 | 546 | NR | 800 | 14 | NR | 930 | 0 | NR |
| 415 | 6 | NR | 545 | 514 | NR | 675 | 492 | NR | 805 | 12 | NR | 935 | 0 | NR |
| 420 | 11 | NR | 550 | 530 | NR | 680 | 440 | NR | 810 | 10 | NR | 940 | 0 | NR |
| 425 | 20 | NR | 555 | 551 | NR | 685 | 393 | NR | 815 | 9 | NR | 945 | 0 | NR |
| 430 | 35 | NR | 560 | 577 | NR | 690 | 347 | NR | 820 | 8 | NR | 950 | 0 | NR |
| 435 | 62 | NR | 565 | 604 | NR | 695 | 306 | NR | 825 | 7 | NR | 955 | 0 | NR |
| 440 | 104 | NR | 570 | 640 | NR | 700 | 268 | NR | 830 | 6 | NR | 960 | 0 | NR |
| 445 | 168 | NR | 575 | 679 | NR | 705 | 235 | NR | 835 | 5 | NR | 965 | 0 | NR |
| 450 | 272 | NR | 580 | 726 | NR | 710 | 205 | NR | 840 | 4 | NR | 970 | 0 | NR |
| 455 | 370 | NR | 585 | 774 | NR | 715 | 179 | NR | 845 | 4 | NR | 975 | 0 | NR |
| 460 | 344 | NR | 590 | 824 | NR | 720 | 156 | NR | 850 | 3 | NR | 980 | 0 | NR |
| 465 | 257 | NR | 595 | 877 | NR | 725 | 134 | NR | 855 | 3 | NR | 985 | 0 | NR |
| 470 | 224 | NR | 600 | 920 | NR | 730 | 116 | NR | 860 | 2 | NR | 990 | 0 | NR |
| 475 | 204 | NR | 605 | 957 | NR | 735 | 100 | NR | 865 | 2 | NR | 995 | 0 | NR |
| 480 | 188 | NR | 610 | 982 | NR | 740 | 85 | NR | 870 | 2 | NR | 1000 | 0 | NR |
| 485 | 202 | NR | 615 | 999 | NR | 745 | 73 | NR | 875 | 2 | NR | | | |

REPORT NUMBER: SP1-2504-409-27

Melanopic Flux vs. Wavelength



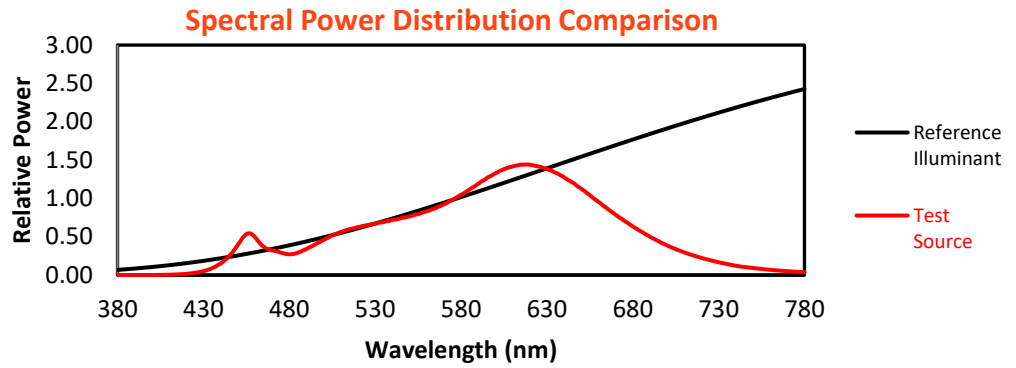
Melanopic Lumens: NR

M/P: 2.5

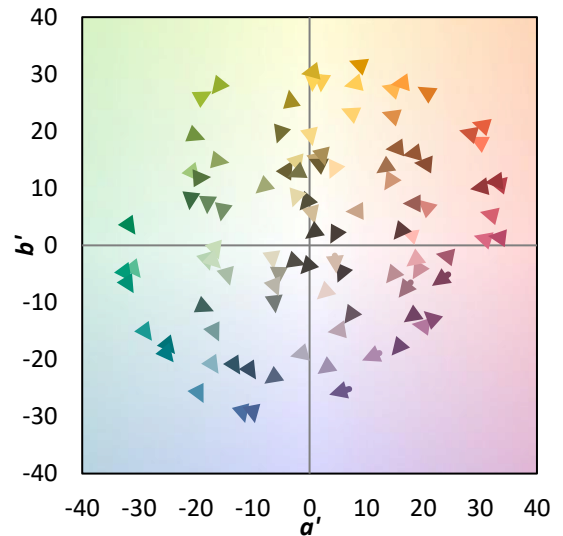
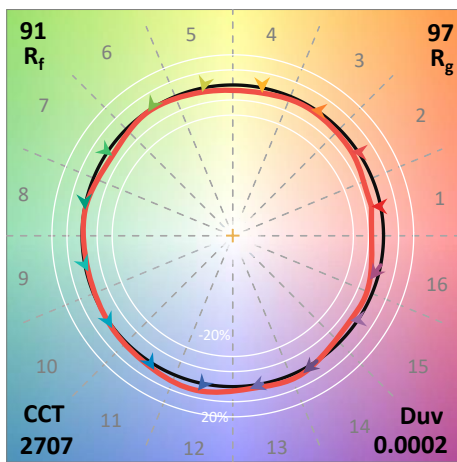
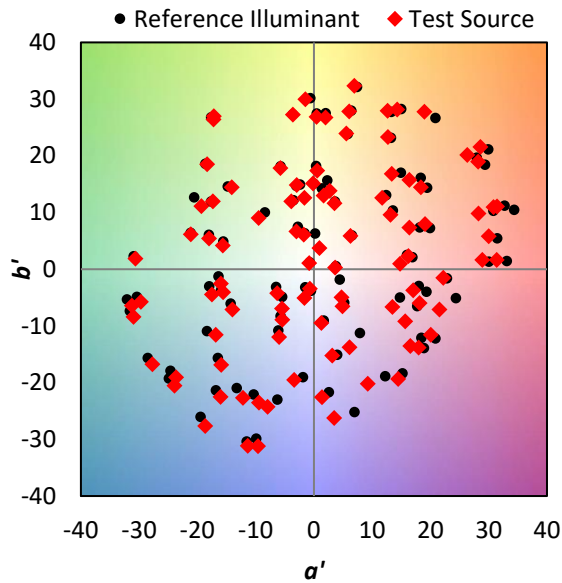
| λ (nm) | Power W [^] /nm | Lumens (φ/nm) | λ (nm) | Power W [^] /nm | Lumens (φ/nm) | λ (nm) | Power W [^] /nm | Lumens (φ/nm) | λ (nm) | Power W [^] /nm | Lumens (φ/nm) | λ (nm) | Power W [^] /nm | Lumens (φ/nm) |
|--------|--------------------------|---------------|--------|--------------------------|---------------|--------|--------------------------|---------------|--------|--------------------------|---------------|--------|--------------------------|---------------|
| 360 | 0 | NR | 490 | 236 | NR | 620 | 998 | NR | 750 | 64 | NR | 880 | 1 | NR |
| 365 | 0 | NR | 495 | 276 | NR | 625 | 983 | NR | 755 | 55 | NR | 885 | 1 | NR |
| 370 | 0 | NR | 500 | 317 | NR | 630 | 960 | NR | 760 | 48 | NR | 890 | 1 | NR |
| 375 | 0 | NR | 505 | 357 | NR | 635 | 927 | NR | 765 | 41 | NR | 895 | 1 | NR |
| 380 | 0 | NR | 510 | 389 | NR | 640 | 885 | NR | 770 | 35 | NR | 900 | 1 | NR |
| 385 | 0 | NR | 515 | 414 | NR | 645 | 836 | NR | 775 | 30 | NR | 905 | 1 | NR |
| 390 | 0 | NR | 520 | 434 | NR | 650 | 781 | NR | 780 | 26 | NR | 910 | 1 | NR |
| 395 | 0 | NR | 525 | 450 | NR | 655 | 723 | NR | 785 | 22 | NR | 915 | 1 | NR |
| 400 | 1 | NR | 530 | 466 | NR | 660 | 662 | NR | 790 | 19 | NR | 920 | 1 | NR |
| 405 | 2 | NR | 535 | 480 | NR | 665 | 604 | NR | 795 | 16 | NR | 925 | 0 | NR |
| 410 | 3 | NR | 540 | 498 | NR | 670 | 546 | NR | 800 | 14 | NR | 930 | 0 | NR |
| 415 | 6 | NR | 545 | 514 | NR | 675 | 492 | NR | 805 | 12 | NR | 935 | 0 | NR |
| 420 | 11 | NR | 550 | 530 | NR | 680 | 440 | NR | 810 | 10 | NR | 940 | 0 | NR |
| 425 | 20 | NR | 555 | 551 | NR | 685 | 393 | NR | 815 | 9 | NR | 945 | 0 | NR |
| 430 | 35 | NR | 560 | 577 | NR | 690 | 347 | NR | 820 | 8 | NR | 950 | 0 | NR |
| 435 | 62 | NR | 565 | 604 | NR | 695 | 306 | NR | 825 | 7 | NR | 955 | 0 | NR |
| 440 | 104 | NR | 570 | 640 | NR | 700 | 268 | NR | 830 | 6 | NR | 960 | 0 | NR |
| 445 | 168 | NR | 575 | 679 | NR | 705 | 235 | NR | 835 | 5 | NR | 965 | 0 | NR |
| 450 | 272 | NR | 580 | 726 | NR | 710 | 205 | NR | 840 | 4 | NR | 970 | 0 | NR |
| 455 | 370 | NR | 585 | 774 | NR | 715 | 179 | NR | 845 | 4 | NR | 975 | 0 | NR |
| 460 | 344 | NR | 590 | 824 | NR | 720 | 156 | NR | 850 | 3 | NR | 980 | 0 | NR |
| 465 | 257 | NR | 595 | 877 | NR | 725 | 134 | NR | 855 | 3 | NR | 985 | 0 | NR |
| 470 | 224 | NR | 600 | 920 | NR | 730 | 116 | NR | 860 | 2 | NR | 990 | 0 | NR |
| 475 | 204 | NR | 605 | 957 | NR | 735 | 100 | NR | 865 | 2 | NR | 995 | 0 | NR |
| 480 | 188 | NR | 610 | 982 | NR | 740 | 85 | NR | 870 | 2 | NR | 1000 | 0 | NR |
| 485 | 202 | NR | 615 | 999 | NR | 745 | 73 | NR | 875 | 2 | NR | | | |

Summary

$R_f = 91.2$
 $R_g = 97.1$
 $CIE R_a = 92.2$
 $R_9 = 50.2$

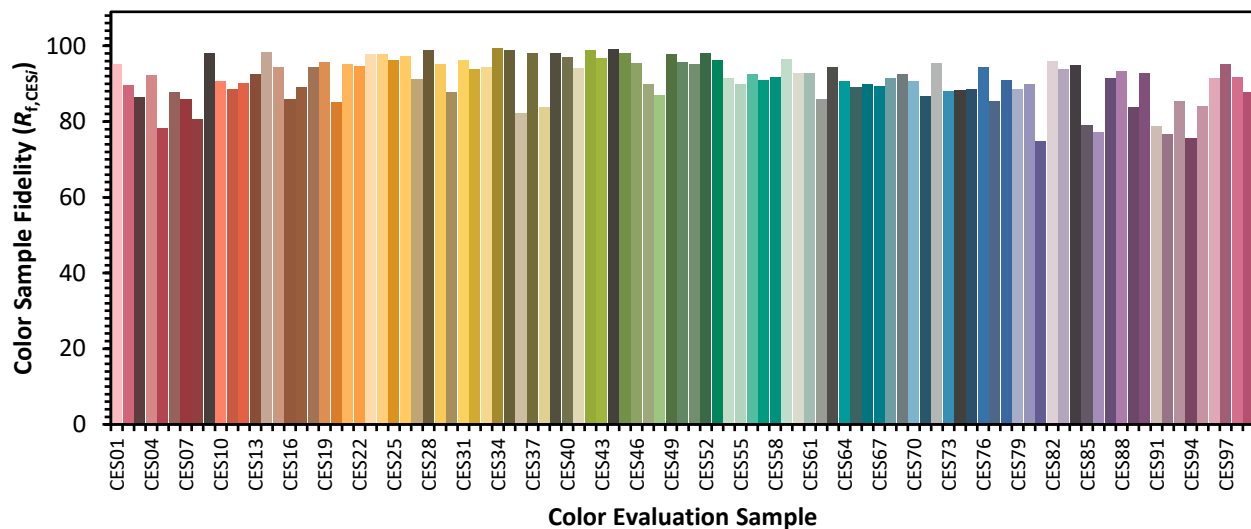


Color Vector Graphics

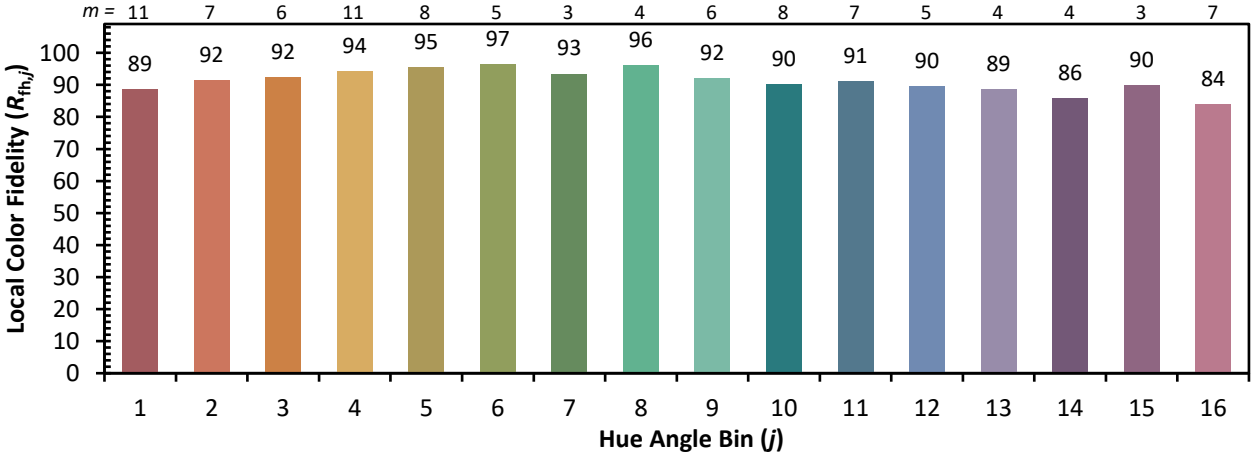


Individual Sample Fidelity Index ($R_{f,i}$)

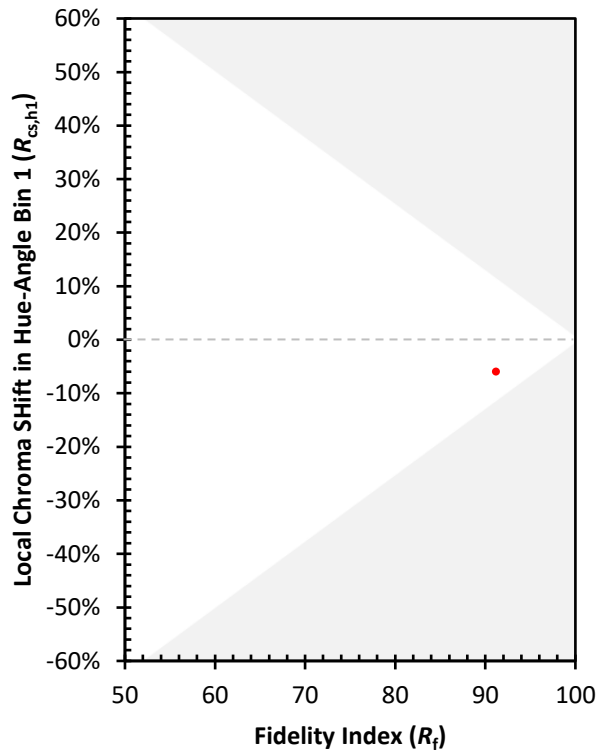
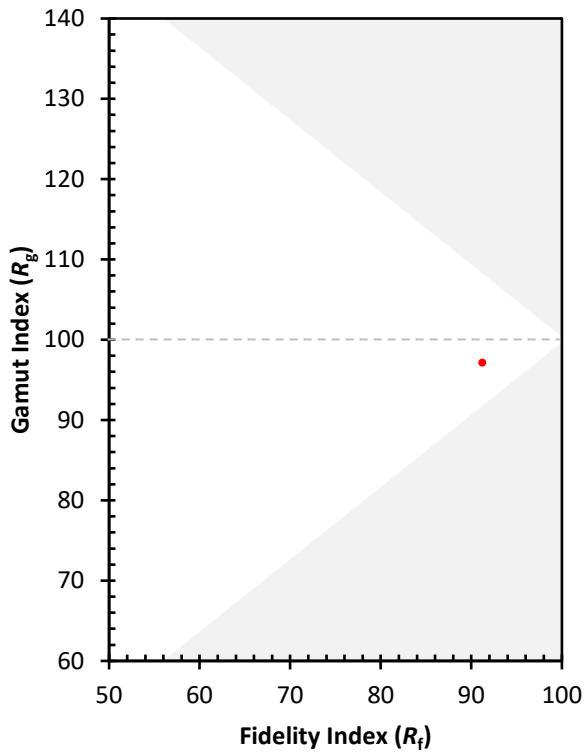
| | | | |
|------------|------------|------------|------------|
| CES01 = 86 | CES26 = 97 | CES51 = 95 | CES76 = 94 |
| CES02 = 64 | CES27 = 91 | CES52 = 98 | CES77 = 85 |
| CES03 = 32 | CES28 = 99 | CES53 = 96 | CES78 = 91 |
| CES04 = 71 | CES29 = 95 | CES54 = 91 | CES79 = 89 |
| CES05 = 51 | CES30 = 88 | CES55 = 90 | CES80 = 90 |
| CES06 = 52 | CES31 = 96 | CES56 = 93 | CES81 = 75 |
| CES07 = 44 | CES32 = 94 | CES57 = 91 | CES82 = 96 |
| CES08 = 43 | CES33 = 94 | CES58 = 92 | CES83 = 94 |
| CES09 = 29 | CES34 = 99 | CES59 = 97 | CES84 = 95 |
| CES10 = 77 | CES35 = 99 | CES60 = 93 | CES85 = 79 |
| CES11 = 59 | CES36 = 82 | CES61 = 93 | CES86 = 77 |
| CES12 = 66 | CES37 = 98 | CES62 = 86 | CES87 = 91 |
| CES13 = 44 | CES38 = 84 | CES63 = 94 | CES88 = 93 |
| CES14 = 74 | CES39 = 98 | CES64 = 91 | CES89 = 84 |
| CES15 = 72 | CES40 = 97 | CES65 = 89 | CES90 = 93 |
| CES16 = 48 | CES41 = 94 | CES66 = 90 | CES91 = 79 |
| CES17 = 50 | CES42 = 99 | CES67 = 89 | CES92 = 77 |
| CES18 = 57 | CES43 = 97 | CES68 = 91 | CES93 = 86 |
| CES19 = 72 | CES44 = 99 | CES69 = 93 | CES94 = 76 |
| CES20 = 68 | CES45 = 98 | CES70 = 91 | CES95 = 84 |
| CES21 = 87 | CES46 = 96 | CES71 = 87 | CES96 = 91 |
| CES22 = 79 | CES47 = 90 | CES72 = 96 | CES97 = 95 |
| CES23 = 92 | CES48 = 87 | CES73 = 88 | CES98 = 92 |
| CES24 = 91 | CES49 = 98 | CES74 = 88 | CES99 = 88 |
| CES25 = 72 | CES50 = 96 | CES75 = 89 | |



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)