

Signify Classified - Internal
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: STREETWORKS

Report Number: P1063846

Luminaire Tested: **GLAN-SA3B-950-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1063846
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA3B-950-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 3xLight Square PACKAGE
90CRI 5000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (42) 5000K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11093 lumens
Efficiency: N/A
Efficacy: 104.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 106.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



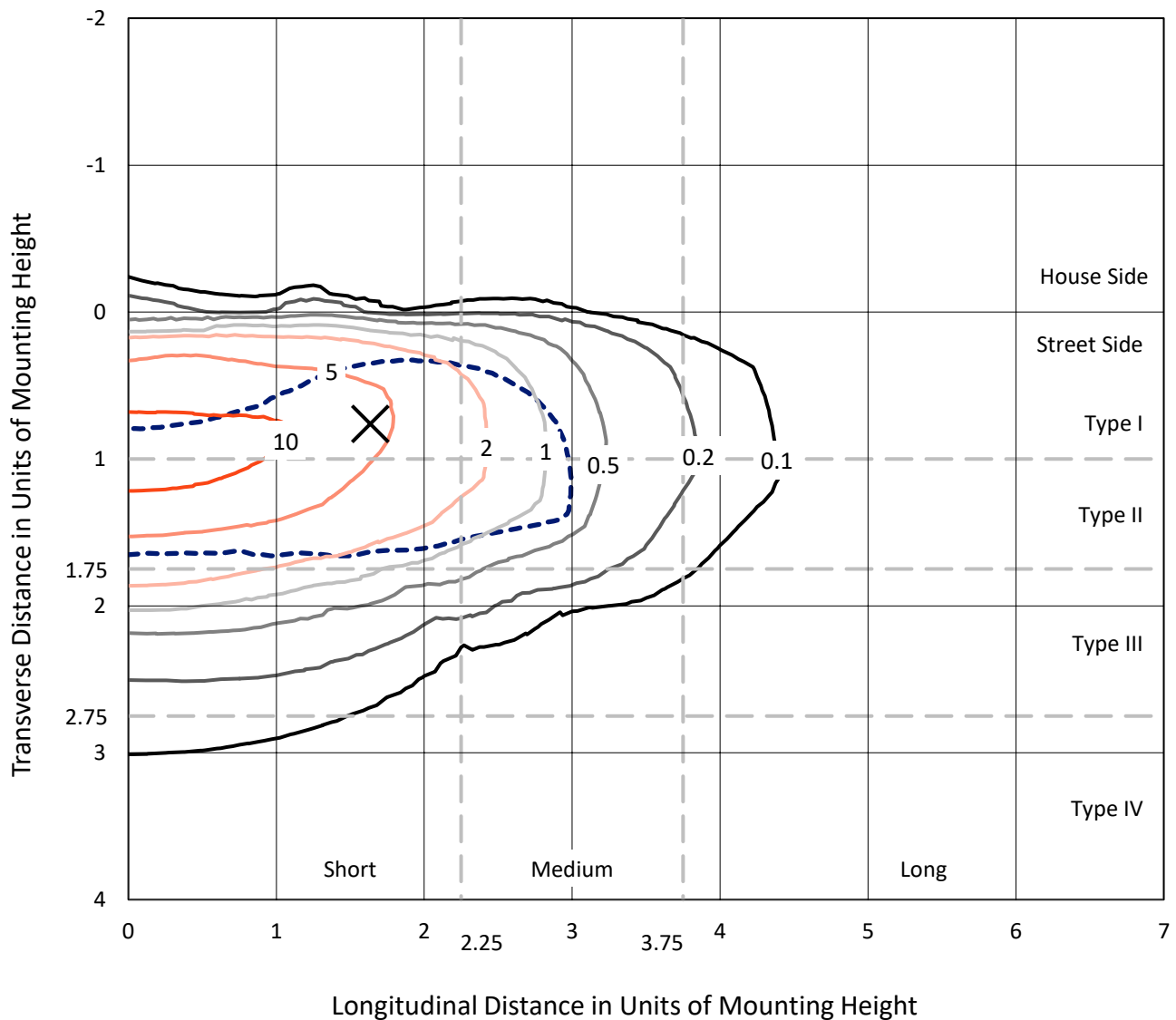
REPORT NUMBER: P1063846

CATALOG NUMBER: GLAN-SA3B-950-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

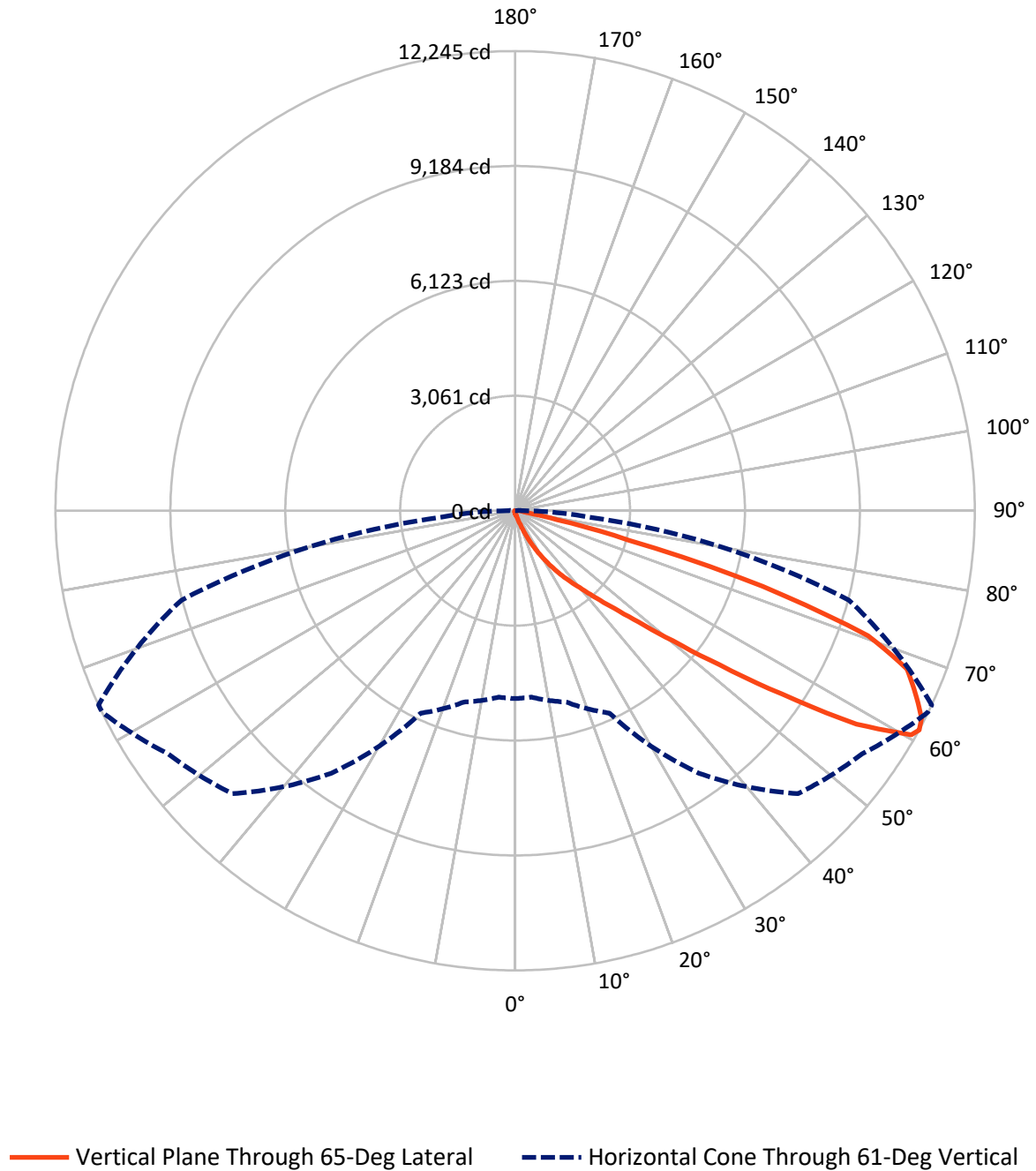


Based on 15 foot mounting height. Maximum calculated value = 14.7 fc
 Type II - Short - N/A

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CATALOG NUMBER: GLAN-SA3B-950-U-T2BC

Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	47.4	0.0	47.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	11045.6	0.0	11045.6
	% Fixture	99.6	0.0	99.6
Total	Lumens	11093.0	0.0	11093.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.6	0.1
10°-20°	91.2	0.8
20°-30°	327.4	3.0
30°-40°	871.6	7.9
40°-50°	2289.7	20.6
50°-60°	3547.1	32.0
60°-70°	2974.2	26.8
70°-80°	875.3	7.9
80°-90°	108.0	1.0
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°-90°	11093.0	100.0
0°-180°	11093.0	100.0



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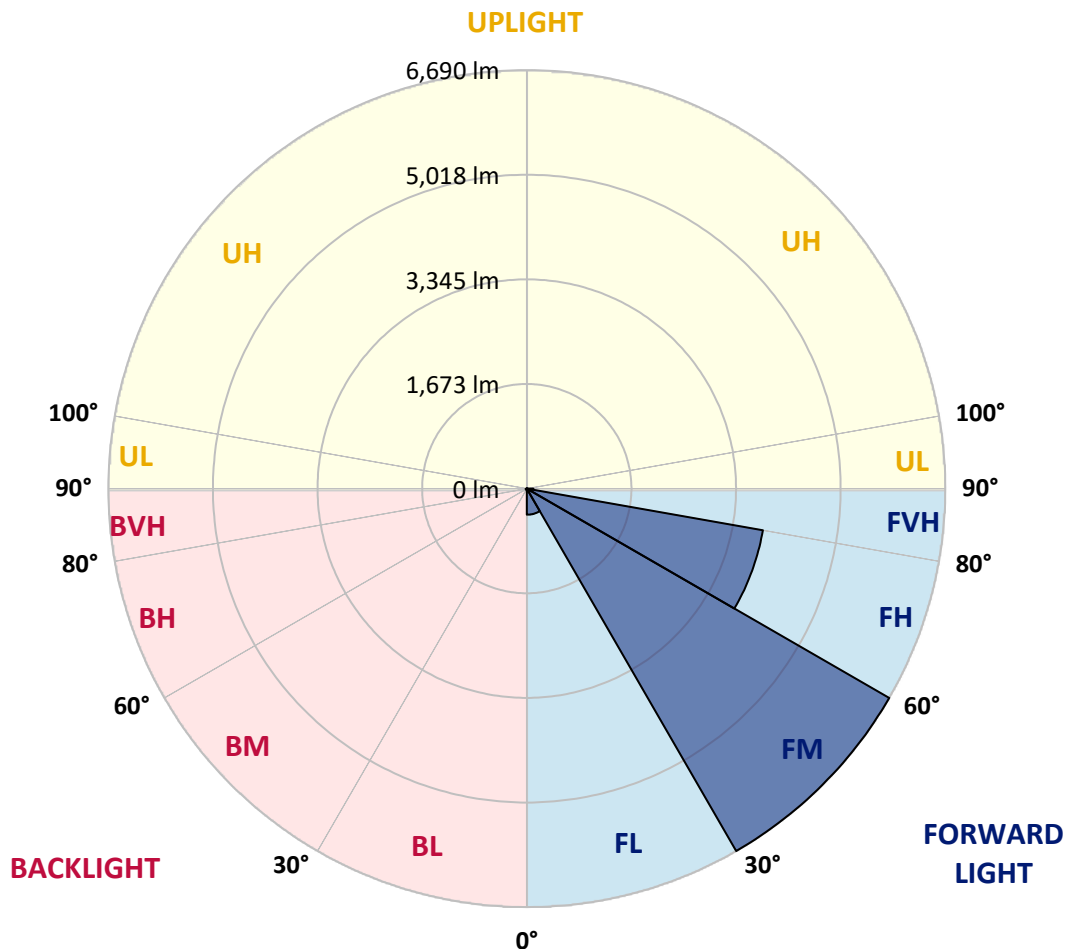
CATALOG NUMBER: GLAN-SA3B-950-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	416.6	3.8			
FM	(30°-60°)	6690.3	60.3			
FH	(60°-80°)	3832.7	34.6			G2/5000
FVH	(80°-90°)	106.0	1.0			G2/225
BL	(0°-30°)	10.6	0.1	B0/110		
BM	(30°-60°)	18.0	0.2	B0/220		
BH	(60°-80°)	16.7	0.2	B0/110		G0/110
BVH	(80°-90°)	2.0	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G2

Type II Short



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CATALOG NUMBER: GLAN-SA3B-950-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
2.5°	82.4	83.2	81.6	78.6	76.3	76.3	75.5	73.3	73.3	71.0	69.4
5°	115.2	113.7	110.6	104.5	99.2	93.9	88.5	83.2	82.4	75.5	71.0
7.5°	188.5	190.0	180.1	161.0	145.0	124.4	105.3	93.9	92.3	80.9	71.7
10°	413.6	402.1	379.3	305.2	251.1	189.2	140.4	109.1	107.6	87.0	73.3
12.5°	753.9	744.8	702.8	626.5	486.8	338.8	205.3	135.1	130.5	92.3	74.0
15°	1086.6	1072.1	1049.2	972.2	808.9	607.4	335.8	184.7	172.5	100.0	73.3
17.5°	1298.8	1301.0	1280.4	1247.6	1142.3	898.9	579.9	275.5	251.8	113.7	71.7
20°	1484.2	1478.8	1490.3	1472.7	1398.7	1221.7	844.0	436.5	396.0	135.8	72.5
22.5°	1697.8	1710.8	1719.2	1715.4	1633.8	1482.7	1143.9	653.2	602.1	176.3	74.8
25°	1984.0	1982.5	1983.2	1973.3	1894.0	1726.1	1444.5	922.6	870.7	241.9	80.1
27.5°	2283.9	2293.1	2296.9	2261.0	2157.2	1992.4	1723.0	1217.1	1156.1	347.2	87.0
30°	2693.7	2686.0	2668.5	2595.2	2469.3	2264.8	1997.7	1526.2	1462.1	494.5	97.7
32.5°	3246.1	3237.7	3149.2	2987.5	2799.0	2548.7	2274.0	1836.0	1758.1	678.4	112.2
35°	4156.5	4169.5	3952.0	3533.1	3195.0	2889.8	2580.0	2144.3	2075.6	905.0	132.0
37.5°	5550.6	5479.7	5184.4	4444.2	3716.2	3315.6	2872.2	2455.6	2396.1	1184.3	158.0
40°	6905.1	6834.9	6749.4	6048.2	4622.0	3784.9	3281.2	2821.1	2744.0	1499.4	196.1
42.5°	8329.0	8290.1	8286.3	7757.5	6274.8	4522.8	3773.4	3249.2	3183.6	1845.1	258.7
45°	9337.8	9298.9	9380.5	9472.9	8525.9	6103.9	4630.4	3805.5	3710.1	2264.8	358.6
47.5°	9473.6	9475.1	9693.4	9982.6	10198.5	8549.5	5771.9	4542.6	4426.6	2865.4	526.5
50°	9021.9	9039.4	9386.6	9904.0	10485.5	10601.5	7784.9	5612.4	5440.7	3577.3	764.6
52.5°	8161.9	8181.7	8665.5	9516.4	10221.4	11094.4	10155.0	7011.9	6814.3	4465.5	1100.4
55°	7387.4	7399.6	7954.3	9029.5	9903.2	10826.6	11562.2	8880.7	8621.3	5558.3	1431.5
57.5°	6620.5	6592.2	6953.2	8184.0	9849.1	10497.7	11769.7	11010.5	10724.3	6752.5	1689.5
60°	5594.9	5547.6	5837.6	6620.5	9136.3	10713.6	11381.3	12188.7	12123.8	8415.2	1888.6
61°	5005.0	4985.2	5276.7	5948.2	8536.6	10658.7	11288.2	12238.3	12245.1	9202.0	1977.9
62.5°	3574.3	3630.7	4076.4	4949.3	7150.0	10302.3	11300.4	12084.9	12152.8	10247.4	2209.1
65°	1588.7	1679.5	2026.0	2736.4	4158.0	8570.1	11192.1	11748.4	11714.8	10534.3	3005.8
67.5°	942.4	956.1	1128.6	1550.6	2202.2	4609.8	9876.5	11303.5	11258.5	9170.7	3739.8
70°	742.5	749.3	804.3	972.9	1278.2	1765.8	5636.9	9779.6	9975.7	7436.2	3661.3
72.5°	704.3	702.8	710.4	740.2	805.0	876.0	2182.4	6500.7	6899.8	5355.3	3069.9
75°	695.2	692.1	684.5	673.0	583.0	515.8	676.1	2875.3	3106.5	3659.0	2311.4
77.5°	674.6	675.3	676.9	645.6	499.8	364.8	327.4	922.6	1134.7	2322.0	1642.9
80°	456.3	463.2	474.6	462.4	449.5	264.0	231.2	328.1	332.7	1303.3	1085.1
82.5°	231.2	231.2	225.9	201.5	174.0	171.7	183.9	238.1	241.1	659.3	510.5
85°	139.6	147.3	150.3	136.6	125.1	115.2	140.4	189.2	196.1	255.6	119.0
87.5°	31.3	32.0	35.1	46.5	67.9	92.3	130.5	173.2	176.3	164.1	14.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GLAN-SA3B-950-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
2.5°	68.7	67.2	66.4	64.1	61.8	59.5	58.0	57.2	58.0	58.8	58.8
5°	67.9	65.6	61.8	58.0	54.9	51.9	48.8	48.1	48.1	48.8	48.8
7.5°	67.9	64.1	58.8	54.2	49.6	45.0	42.7	41.2	42.0	42.0	42.0
10°	67.9	63.3	56.5	49.6	44.3	38.9	35.1	33.6	33.6	33.6	33.6
12.5°	67.2	62.6	54.2	45.8	38.2	32.0	27.5	25.2	25.9	25.9	25.9
15°	65.6	60.3	51.1	38.9	30.5	24.4	19.8	17.6	18.3	19.8	20.6
17.5°	63.3	58.0	45.8	32.8	24.4	18.3	13.7	12.2	13.0	15.3	15.3
20°	62.6	55.7	40.4	26.7	18.3	13.0	9.2	7.6	8.4	11.4	12.2
22.5°	62.6	54.2	36.6	22.1	13.7	8.4	5.3	3.1	3.1	5.3	5.3
25°	63.3	53.4	33.6	18.3	9.9	6.1	3.1	1.5	3.1	8.4	9.9
27.5°	64.9	52.7	32.0	15.3	7.6	5.3	2.3	5.3	9.2	9.2	9.2
30°	66.4	51.1	29.8	13.0	6.9	3.8	3.8	7.6	7.6	9.2	9.9
32.5°	68.7	50.4	28.2	11.4	5.3	3.1	5.3	4.6	4.6	5.3	6.1
35°	73.3	51.1	26.7	11.4	5.3	3.8	4.6	2.3	1.5	1.5	1.5
37.5°	79.4	51.9	24.4	9.9	4.6	4.6	2.3	0.0	0.0	0.0	0.0
40°	89.3	54.2	22.9	9.2	3.8	3.8	0.8	0.0	0.0	0.0	0.0
42.5°	106.1	58.8	22.1	8.4	3.8	3.1	0.0	0.0	0.0	0.0	0.0
45°	139.6	69.4	20.6	7.6	3.8	1.5	0.0	0.0	0.0	0.0	0.0
47.5°	200.7	94.6	19.8	6.1	2.3	0.0	0.0	0.0	0.0	0.0	0.0
50°	293.0	128.2	19.1	5.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	373.9	135.1	13.0	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	383.1	93.1	9.9	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	305.2	60.3	8.4	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	231.2	45.8	7.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	222.1	41.2	7.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	244.9	35.9	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	398.3	29.8	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	692.1	25.9	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	874.5	24.4	4.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	762.3	22.1	4.6	1.5	0.8	0.0	0.0	0.0	0.0	0.0	0.0
75°	458.6	19.1	4.6	3.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	240.4	14.5	4.6	3.8	2.3	0.8	0.0	0.0	0.0	0.0	0.0
80°	116.8	13.0	5.3	3.8	3.1	1.5	0.0	0.0	0.0	0.0	0.0
82.5°	45.8	10.7	6.1	5.3	3.8	2.3	0.8	0.0	0.0	0.0	0.0
85°	20.6	9.2	6.9	6.1	5.3	3.1	0.8	0.0	0.0	0.0	0.0
87.5°	10.7	8.4	7.6	6.9	5.3	3.8	1.5	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-17

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-950-U-5WQ

Data in this report applies to families of products including GSS-SB1A-950-U-5WQ

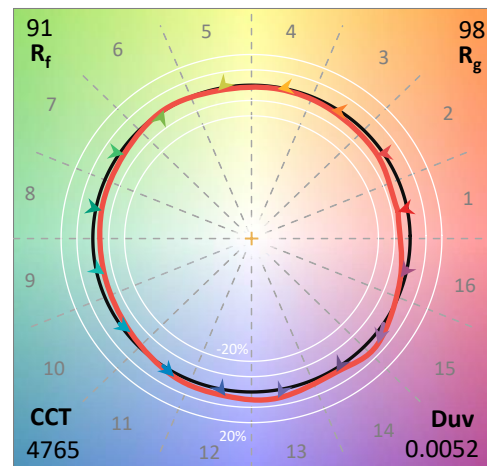
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-17
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP1 - 76IN SPHERE
 Measurement Geometry: 4π
 Issue Date: 10/15/2024
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: McGraw-Edison
 Catalog Number: **GSS-SB1A-950-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 5000K CCT 26 LEDS

Spectral Parameters

CCT (K): 4765
 CIE u' : 0.2105
 CIE v' : 0.4941
 Duv: 0.0052
 CIE x: 0.3536
 CIE y: 0.3689
 CIE z: 0.2775
 Peak Wavelength (nm): 449
 Dominant Wavelength (nm): 571
 Purity: 16.80041
 R_f: 90.7
 R_g: 98

CRI (Ra): 90.8
 R1: 89.8
 R2: 93.1
 R3: 95.3
 R4: 90.3
 R5: 89.0
 R6: 89.7
 R7: 94.9
 R8: 84.0
 R9: 54.9
 R10: 83.0
 R11: 89.6
 R12: 68.0
 R13: 90.6
 R14: 97.3
 R15: 86.2



Test Conditions

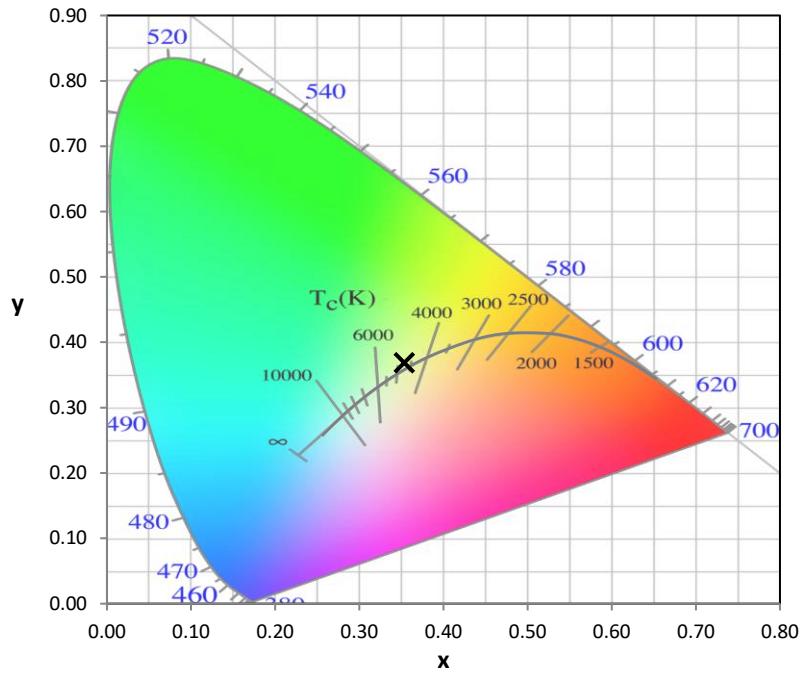
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-17

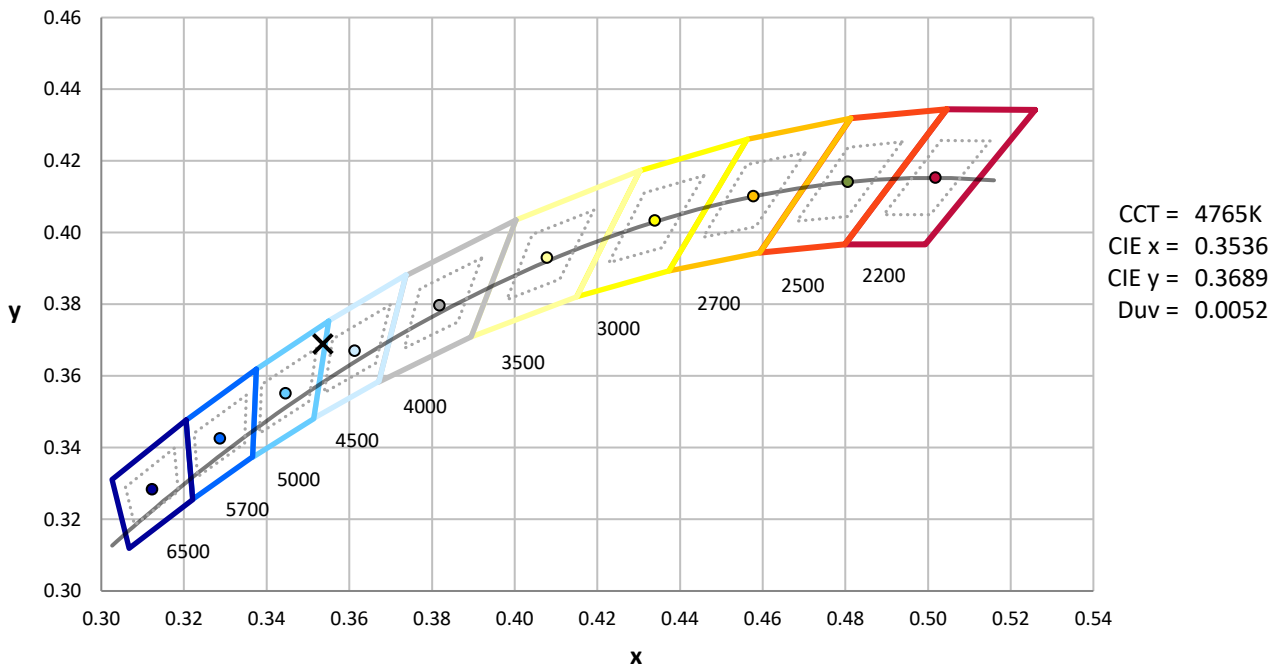
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

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CIE 1931 Chromaticity Diagram



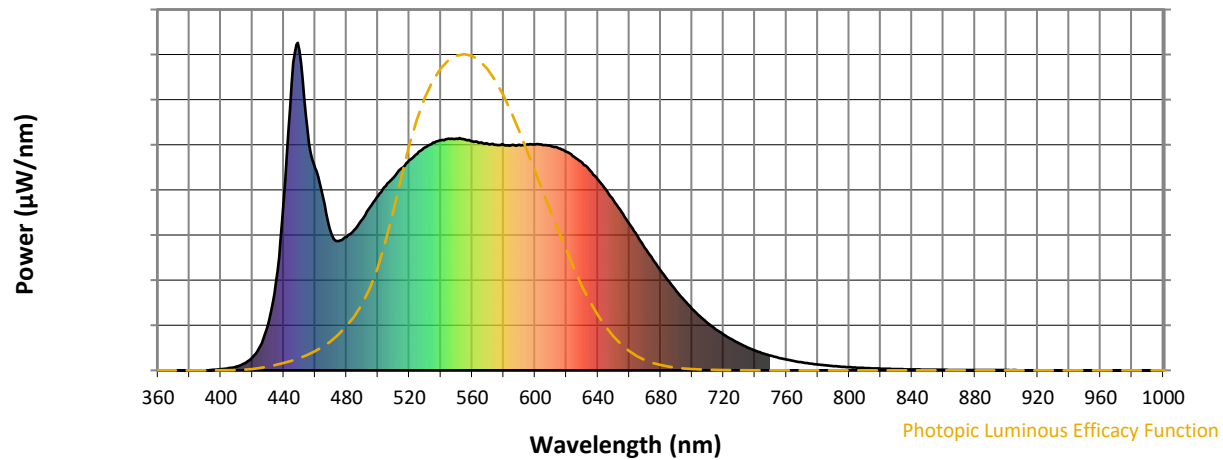
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 7-step quadrangle

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Photopic Flux vs. Wavelength

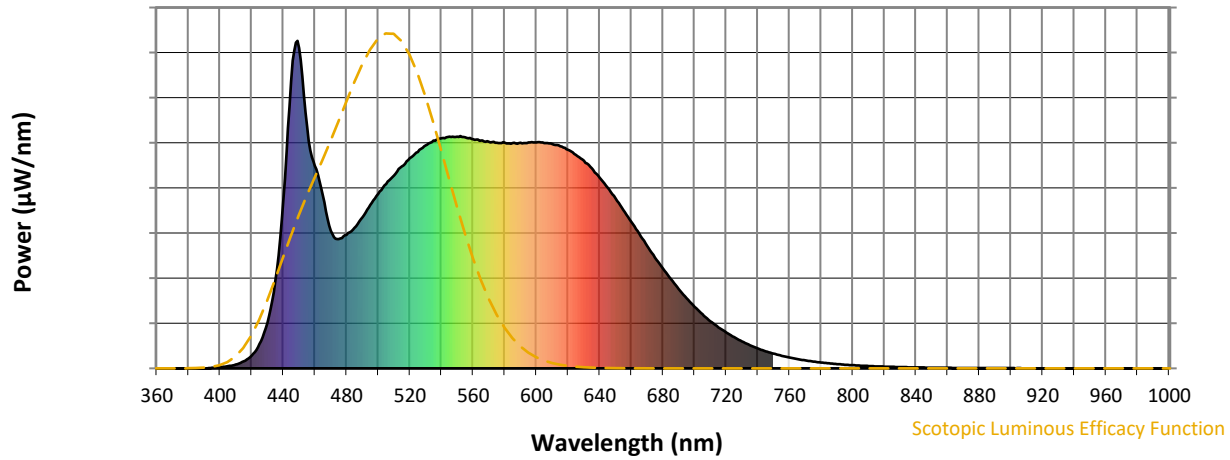


Photopic Lumens: NR

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	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	NR	630	634	NR	760	33	NR	890	1	NR
375	0	NR	505	562	NR	635	610	NR	765	28	NR	895	1	NR
380	0	NR	510	590	NR	640	583	NR	770	24	NR	900	1	NR
385	0	NR	515	617	NR	645	552	NR	775	21	NR	905	1	NR
390	0	NR	520	642	NR	650	519	NR	780	18	NR	910	0	NR
395	2	NR	525	661	NR	655	484	NR	785	15	NR	915	0	NR
400	4	NR	530	681	NR	660	448	NR	790	13	NR	920	0	NR
405	7	NR	535	695	NR	665	411	NR	795	11	NR	925	0	NR
410	12	NR	540	702	NR	670	373	NR	800	10	NR	930	0	NR
415	21	NR	545	708	NR	675	338	NR	805	8	NR	935	0	NR
420	39	NR	550	707	NR	680	305	NR	810	7	NR	940	0	NR
425	74	NR	555	706	NR	685	272	NR	815	6	NR	945	0	NR
430	139	NR	560	700	NR	690	243	NR	820	5	NR	950	0	NR
435	270	NR	565	696	NR	695	214	NR	825	5	NR	955	0	NR
440	517	NR	570	692	NR	700	188	NR	830	4	NR	960	0	NR
445	877	NR	575	689	NR	705	165	NR	835	3	NR	965	0	NR
450	978	NR	580	688	NR	710	144	NR	840	3	NR	970	0	NR
455	738	NR	585	688	NR	715	125	NR	845	3	NR	975	0	NR
460	618	NR	590	689	NR	720	110	NR	850	2	NR	980	0	NR
465	529	NR	595	690	NR	725	95	NR	855	2	NR	985	0	NR
470	420	NR	600	690	NR	730	82	NR	860	2	NR	990	0	NR
475	395	NR	605	688	NR	735	71	NR	865	1	NR	995	0	NR
480	408	NR	610	685	NR	740	61	NR	870	1	NR	1000	0	NR
485	429	NR	615	678	NR	745	52	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-17

Scotopic Flux vs. Wavelength



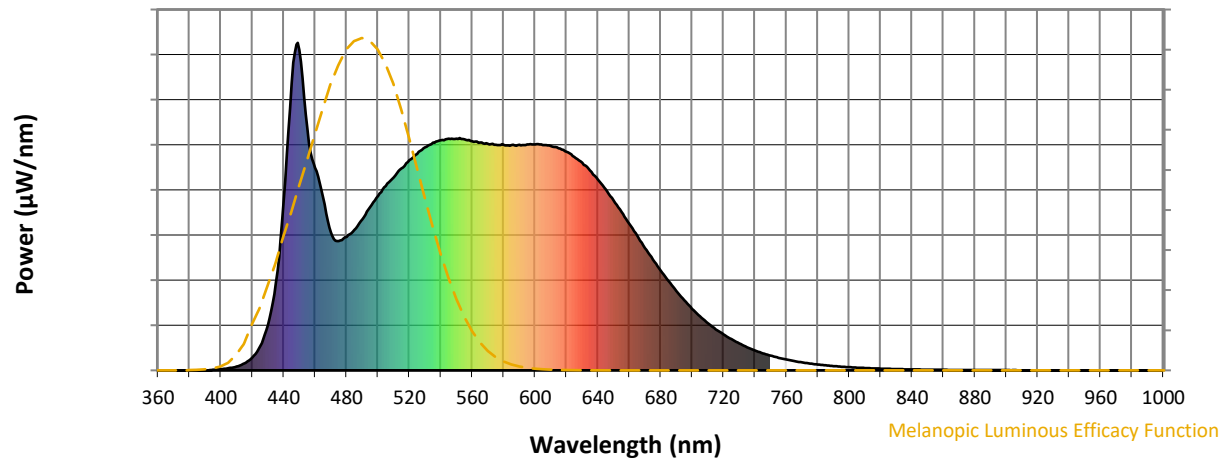
Scotopic Lumens: NR

S/P: 1.99

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	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	NR	630	634	NR	760	33	NR	890	1	NR
375	0	NR	505	562	NR	635	610	NR	765	28	NR	895	1	NR
380	0	NR	510	590	NR	640	583	NR	770	24	NR	900	1	NR
385	0	NR	515	617	NR	645	552	NR	775	21	NR	905	1	NR
390	0	NR	520	642	NR	650	519	NR	780	18	NR	910	0	NR
395	2	NR	525	661	NR	655	484	NR	785	15	NR	915	0	NR
400	4	NR	530	681	NR	660	448	NR	790	13	NR	920	0	NR
405	7	NR	535	695	NR	665	411	NR	795	11	NR	925	0	NR
410	12	NR	540	702	NR	670	373	NR	800	10	NR	930	0	NR
415	21	NR	545	708	NR	675	338	NR	805	8	NR	935	0	NR
420	39	NR	550	707	NR	680	305	NR	810	7	NR	940	0	NR
425	74	NR	555	706	NR	685	272	NR	815	6	NR	945	0	NR
430	139	NR	560	700	NR	690	243	NR	820	5	NR	950	0	NR
435	270	NR	565	696	NR	695	214	NR	825	5	NR	955	0	NR
440	517	NR	570	692	NR	700	188	NR	830	4	NR	960	0	NR
445	877	NR	575	689	NR	705	165	NR	835	3	NR	965	0	NR
450	978	NR	580	688	NR	710	144	NR	840	3	NR	970	0	NR
455	738	NR	585	688	NR	715	125	NR	845	3	NR	975	0	NR
460	618	NR	590	689	NR	720	110	NR	850	2	NR	980	0	NR
465	529	NR	595	690	NR	725	95	NR	855	2	NR	985	0	NR
470	420	NR	600	690	NR	730	82	NR	860	2	NR	990	0	NR
475	395	NR	605	688	NR	735	71	NR	865	1	NR	995	0	NR
480	408	NR	610	685	NR	740	61	NR	870	1	NR	1000	0	NR
485	429	NR	615	678	NR	745	52	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 4.22

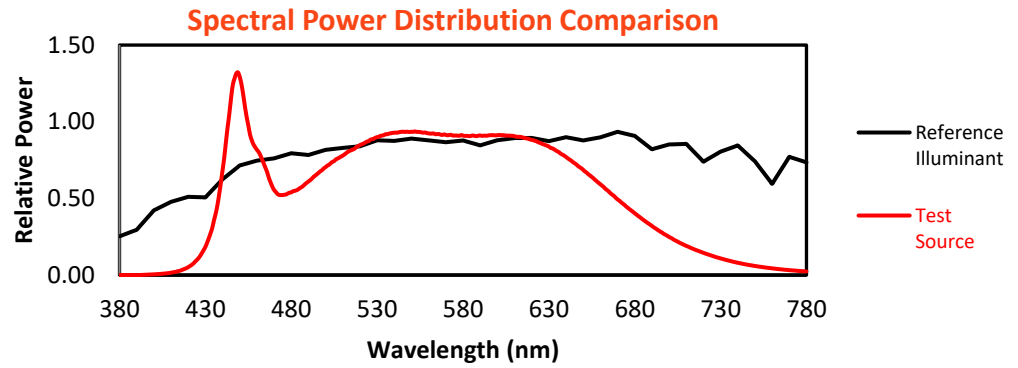
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	NR	630	634	NR	760	33	NR	890	1	NR
375	0	NR	505	562	NR	635	610	NR	765	28	NR	895	1	NR
380	0	NR	510	590	NR	640	583	NR	770	24	NR	900	1	NR
385	0	NR	515	617	NR	645	552	NR	775	21	NR	905	1	NR
390	0	NR	520	642	NR	650	519	NR	780	18	NR	910	0	NR
395	2	NR	525	661	NR	655	484	NR	785	15	NR	915	0	NR
400	4	NR	530	681	NR	660	448	NR	790	13	NR	920	0	NR
405	7	NR	535	695	NR	665	411	NR	795	11	NR	925	0	NR
410	12	NR	540	702	NR	670	373	NR	800	10	NR	930	0	NR
415	21	NR	545	708	NR	675	338	NR	805	8	NR	935	0	NR
420	39	NR	550	707	NR	680	305	NR	810	7	NR	940	0	NR
425	74	NR	555	706	NR	685	272	NR	815	6	NR	945	0	NR
430	139	NR	560	700	NR	690	243	NR	820	5	NR	950	0	NR
435	270	NR	565	696	NR	695	214	NR	825	5	NR	955	0	NR
440	517	NR	570	692	NR	700	188	NR	830	4	NR	960	0	NR
445	877	NR	575	689	NR	705	165	NR	835	3	NR	965	0	NR
450	978	NR	580	688	NR	710	144	NR	840	3	NR	970	0	NR
455	738	NR	585	688	NR	715	125	NR	845	3	NR	975	0	NR
460	618	NR	590	689	NR	720	110	NR	850	2	NR	980	0	NR
465	529	NR	595	690	NR	725	95	NR	855	2	NR	985	0	NR
470	420	NR	600	690	NR	730	82	NR	860	2	NR	990	0	NR
475	395	NR	605	688	NR	735	71	NR	865	1	NR	995	0	NR
480	408	NR	610	685	NR	740	61	NR	870	1	NR	1000	0	NR
485	429	NR	615	678	NR	745	52	NR	875	1	NR			

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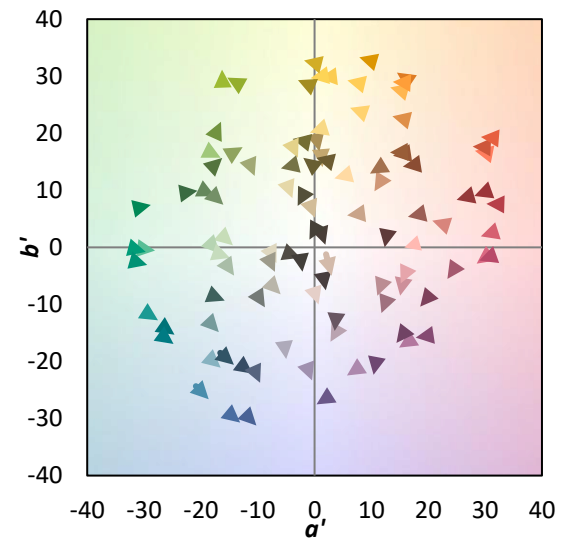
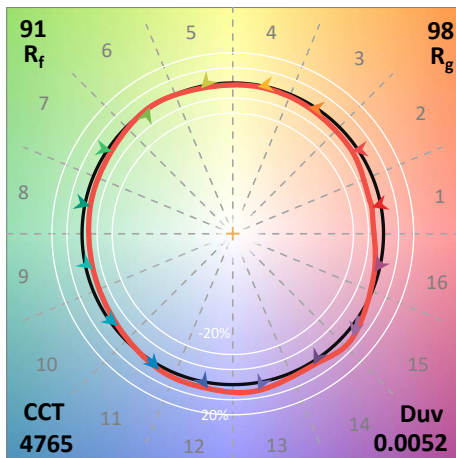
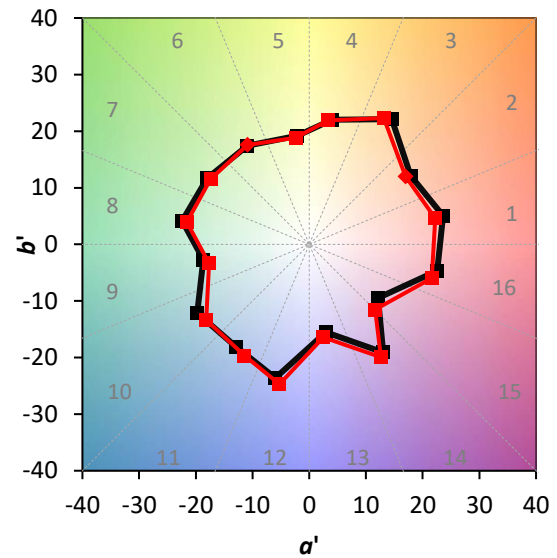
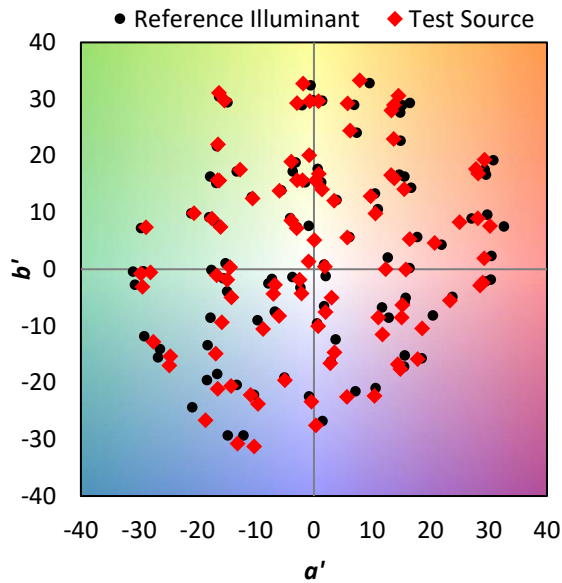
TM-30-18

Summary

$R_f = 90.7$
 $R_g = 98$
 CIE $R_a = 90.8$
 $R_9 = 54.9$

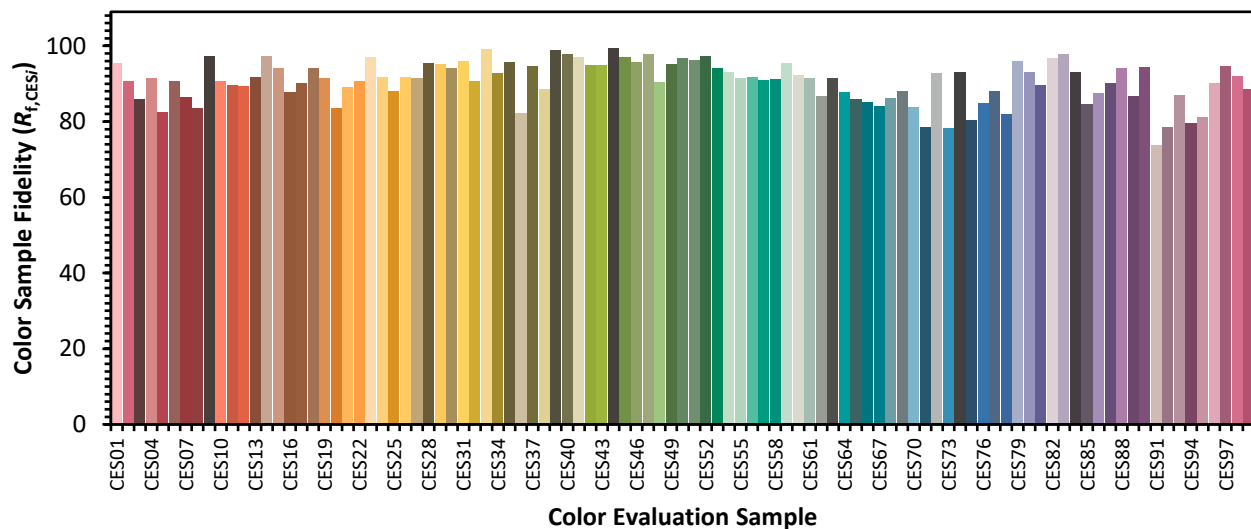


Color Vector Graphics

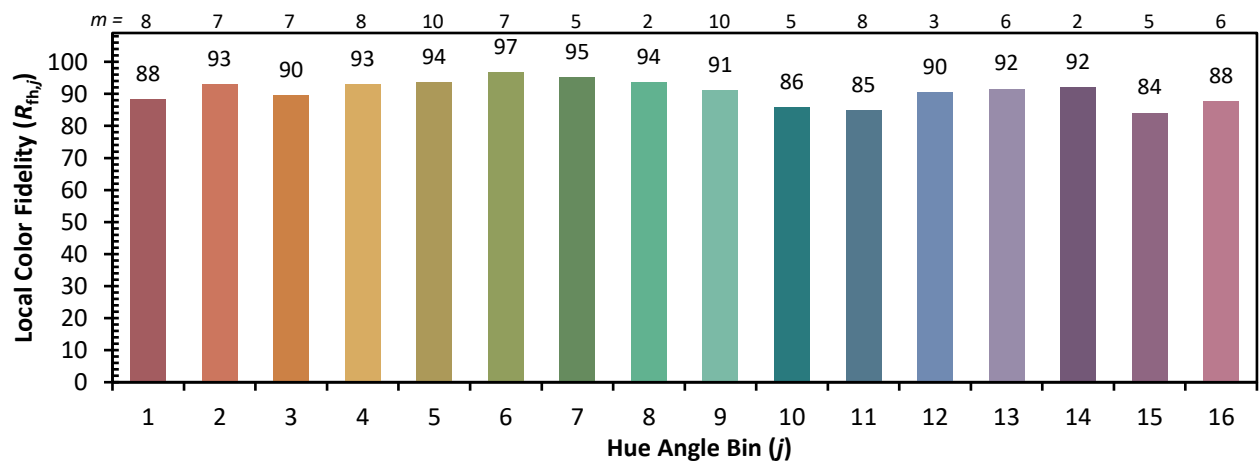
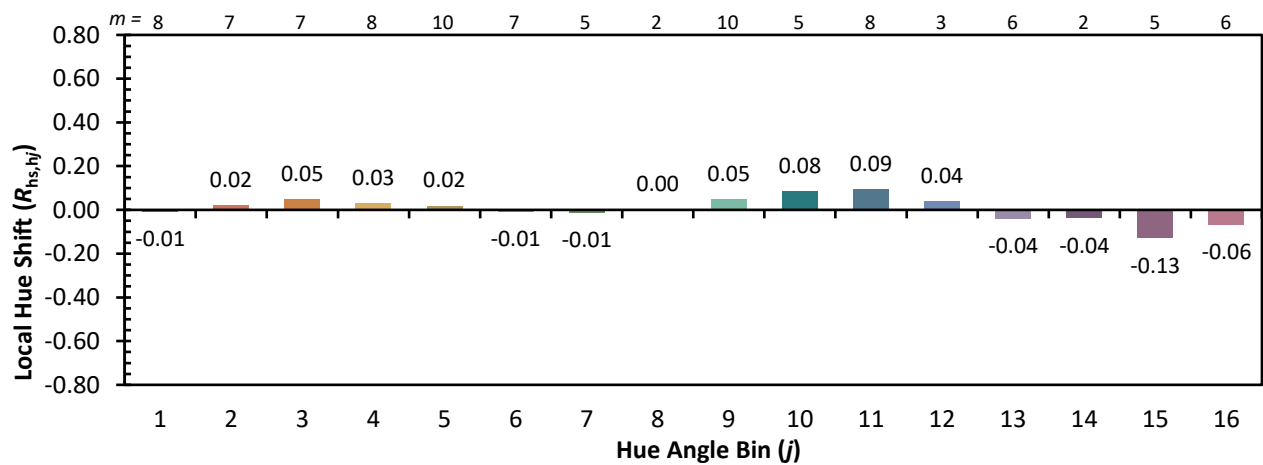
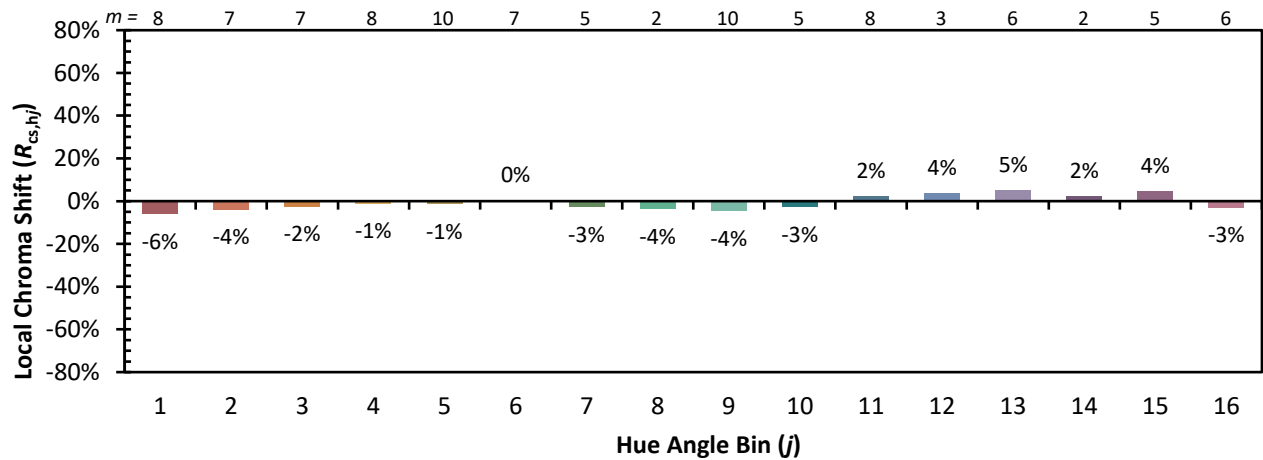


Individual Sample Fidelity Index ($R_{f,i}$)

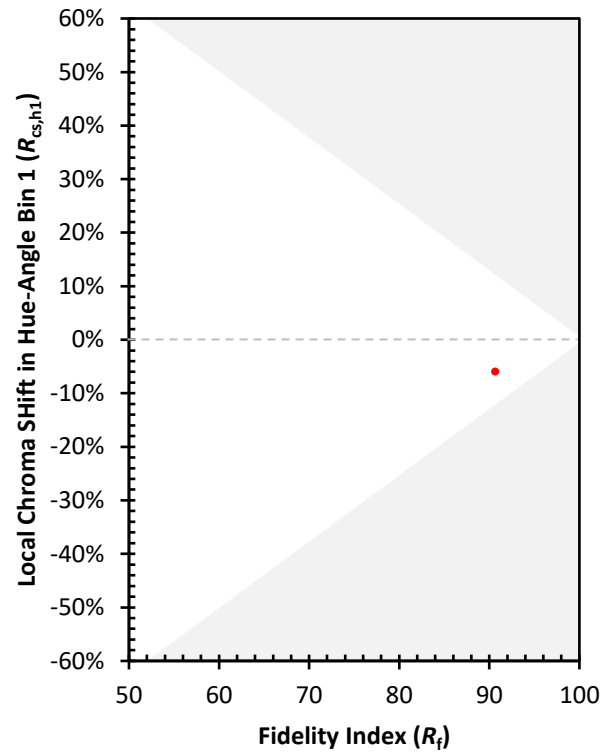
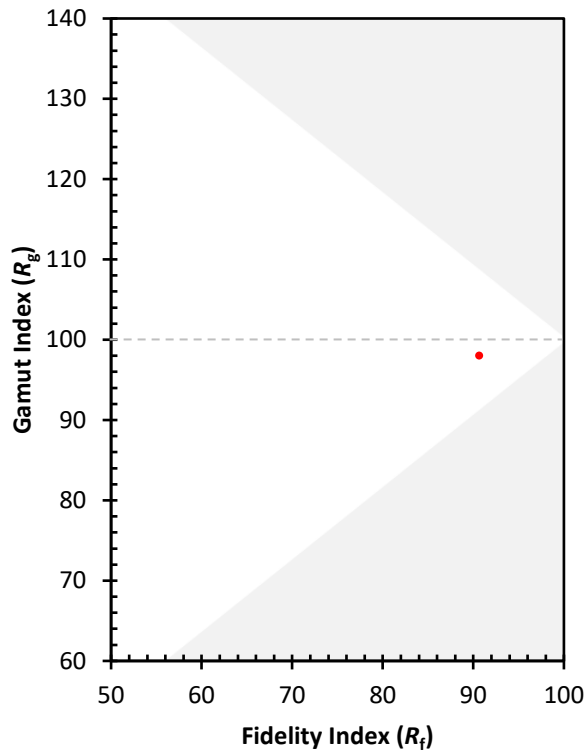
CES01 = 85	CES26 = 92	CES51 = 96	CES76 = 85
CES02 = 60	CES27 = 92	CES52 = 97	CES77 = 88
CES03 = 31	CES28 = 95	CES53 = 94	CES78 = 82
CES04 = 69	CES29 = 95	CES54 = 93	CES79 = 96
CES05 = 48	CES30 = 94	CES55 = 92	CES80 = 93
CES06 = 50	CES31 = 96	CES56 = 92	CES81 = 89
CES07 = 41	CES32 = 91	CES57 = 91	CES82 = 97
CES08 = 40	CES33 = 99	CES58 = 91	CES83 = 98
CES09 = 29	CES34 = 93	CES59 = 95	CES84 = 93
CES10 = 73	CES35 = 96	CES60 = 92	CES85 = 85
CES11 = 56	CES36 = 82	CES61 = 92	CES86 = 88
CES12 = 62	CES37 = 95	CES62 = 87	CES87 = 90
CES13 = 42	CES38 = 89	CES63 = 91	CES88 = 94
CES14 = 74	CES39 = 99	CES64 = 88	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 86	CES90 = 94
CES16 = 46	CES41 = 97	CES66 = 85	CES91 = 74
CES17 = 48	CES42 = 95	CES67 = 84	CES92 = 78
CES18 = 56	CES43 = 95	CES68 = 86	CES93 = 87
CES19 = 70	CES44 = 100	CES69 = 88	CES94 = 80
CES20 = 65	CES45 = 97	CES70 = 84	CES95 = 81
CES21 = 85	CES46 = 96	CES71 = 79	CES96 = 90
CES22 = 77	CES47 = 98	CES72 = 93	CES97 = 95
CES23 = 91	CES48 = 90	CES73 = 78	CES98 = 92
CES24 = 90	CES49 = 95	CES74 = 93	CES99 = 88
CES25 = 70	CES50 = 97	CES75 = 80	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)