

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: P1063250

Luminaire Tested: **GLAN-SA7B-950-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1063250
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA7B-950-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 7xLight Square PACKAGE
90CRI 5000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (98) 5000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 25886.1 lumens
Efficiency: N/A
Efficacy: 103.8 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 249.5
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

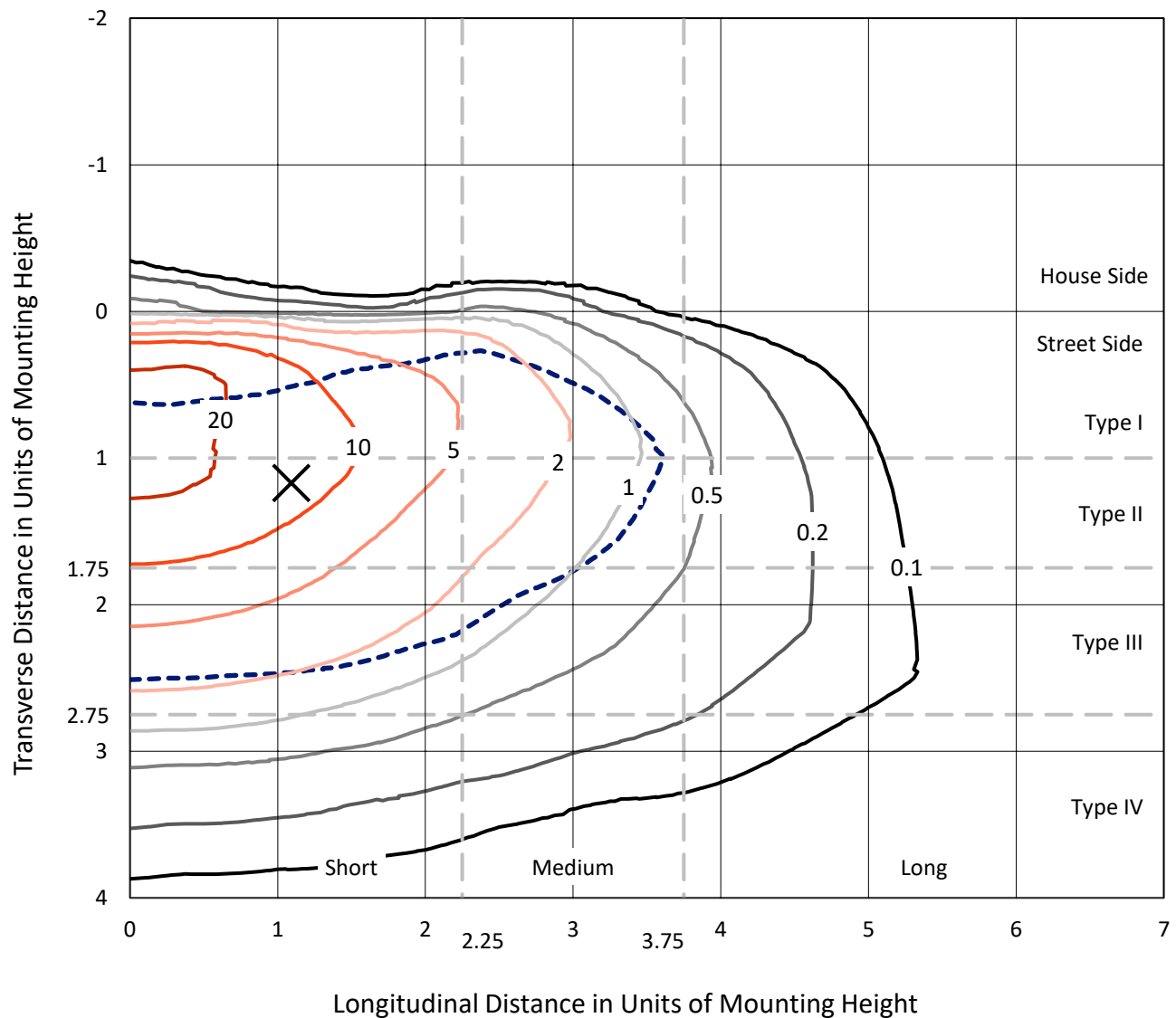


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

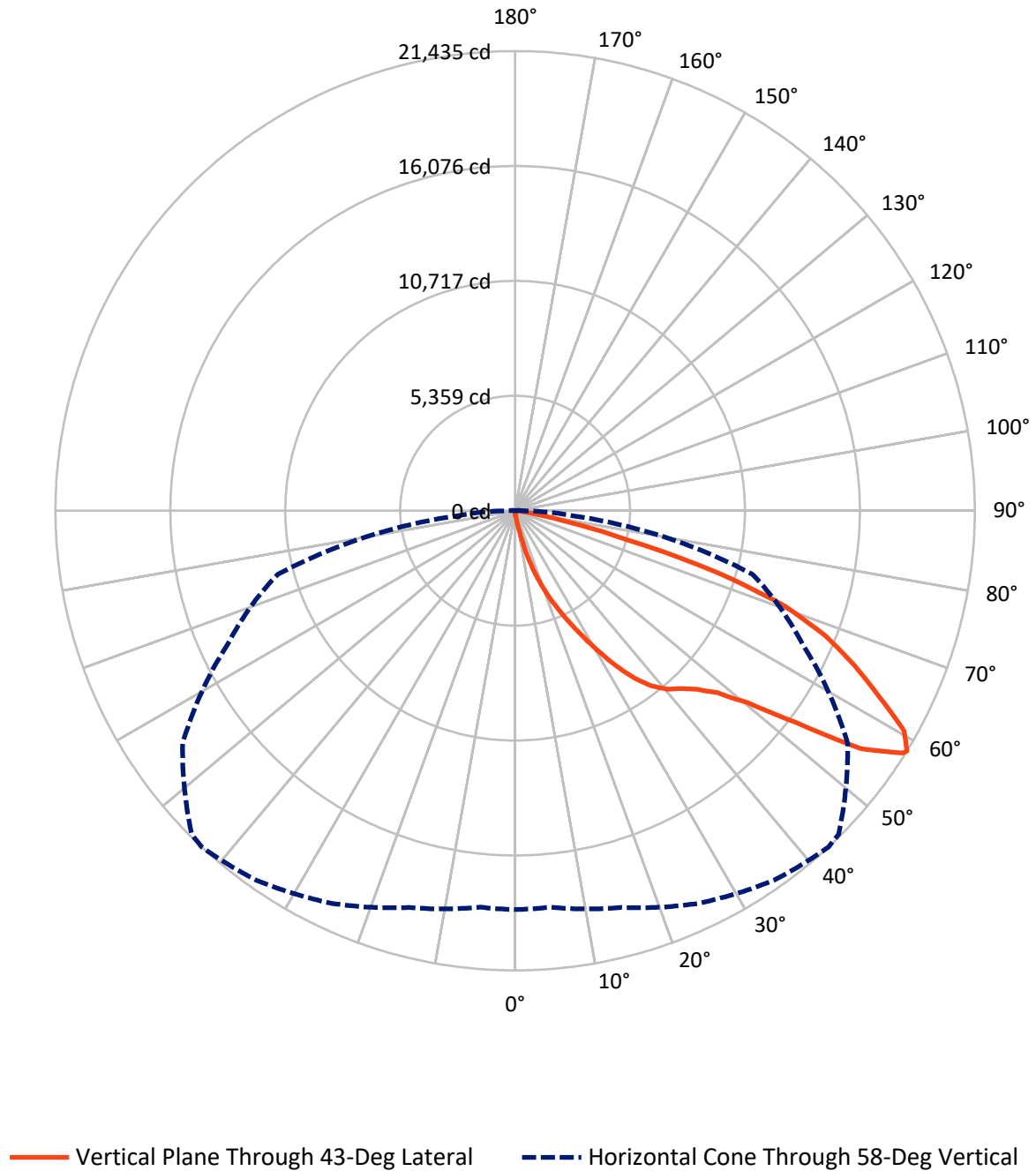


Based on 15 foot mounting height. Maximum calculated value = 29 fc
 Type III - Short - N/A

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CATALOG NUMBER: GLAN-SA7B-950-U-T3BC

Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	94.5	0.0	94.5
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	25791.6	0.0	25791.6
	% Fixture	99.6	0.0	99.6
Total	Lumens	25886.1	0.0	25886.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.8	0.1
10°-20°	297.6	1.1
20°-30°	1072.5	4.1
30°-40°	2453.8	9.5
40°-50°	4138.7	16.0
50°-60°	6829.8	26.4
60°-70°	7633.2	29.5
70°-80°	3151.6	12.2
80°-90°	284.1	1.1
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°	25886.1	100.0
0°-180°	25886.1	100.0



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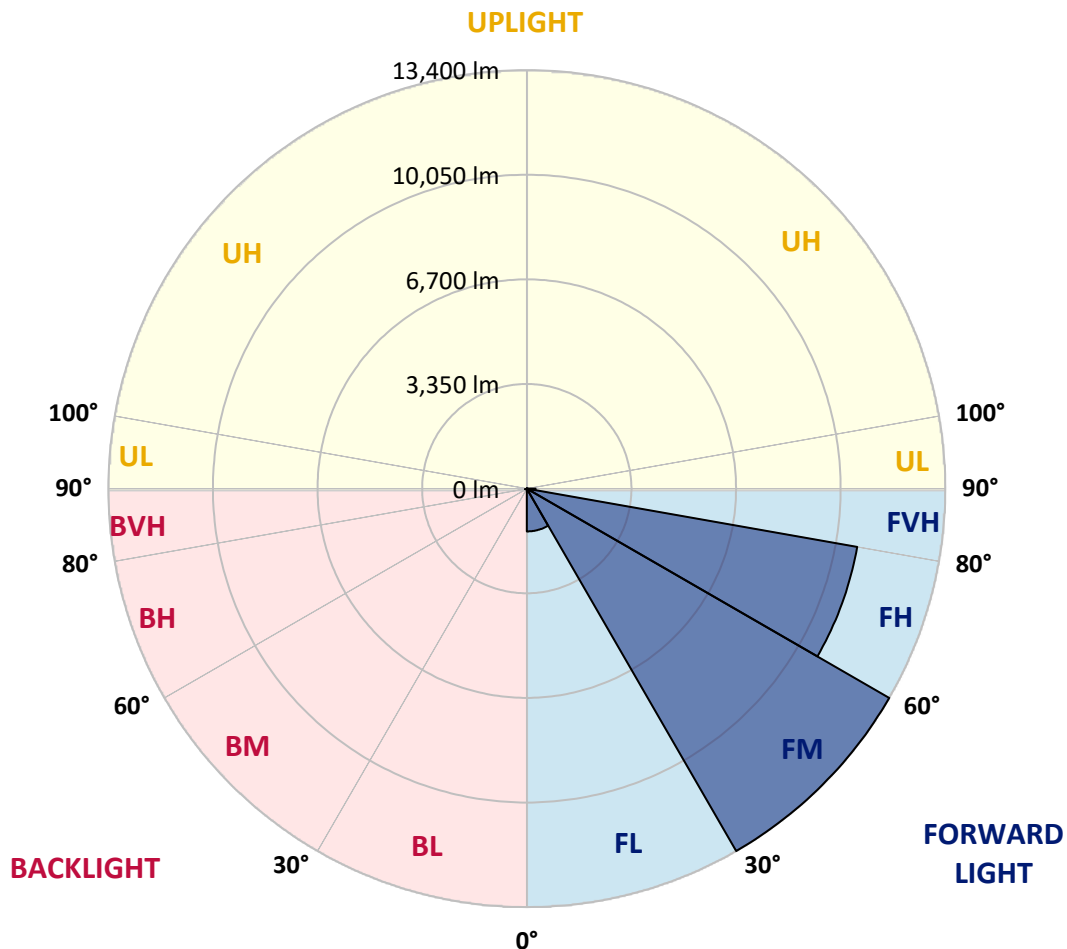
CATALOG NUMBER: GLAN-SA7B-950-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1370.2	5.3			
FM	(30°-60°)	13399.6	51.8			
FH	(60°-80°)	10741.5	41.5			G4/12000
FVH	(80°-90°)	280.2	1.1			G3/500
BL	(0°-30°)	24.6	0.1	B0/110		
BM	(30°-60°)	22.7	0.1	B0/220		
BH	(60°-80°)	43.3	0.2	B0/110		G0/110
BVH	(80°-90°)	3.9	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-G4

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	169.3	169.3	169.3	169.3	169.3	169.3	169.3	169.3	169.3	169.3	169.3
2.5°	203.1	209.9	203.1	203.1	203.1	196.3	196.3	189.6	189.6	182.8	176.0
5°	297.9	297.9	277.6	264.0	250.5	243.7	237.0	223.4	209.9	196.3	182.8
7.5°	663.5	663.5	602.6	521.3	413.0	352.1	338.5	277.6	237.0	209.9	182.8
10°	1584.2	1584.2	1448.8	1225.4	947.8	704.1	629.6	399.4	284.4	223.4	189.6
12.5°	2633.6	2667.5	2498.2	2213.9	1800.9	1374.4	1225.4	731.2	379.1	243.7	189.6
15°	3574.7	3493.5	3446.1	3175.3	2782.6	2274.8	2085.2	1232.2	548.4	277.6	189.6
17.5°	4211.1	4211.1	4143.4	3960.6	3601.8	3154.9	2999.2	1990.5	886.9	318.2	196.3
20°	4955.8	4955.8	4834.0	4705.3	4387.1	4008.0	3859.1	2830.0	1374.4	406.2	196.3
22.5°	5856.3	5869.8	5734.4	5504.2	5199.6	4779.8	4651.2	3608.6	1990.5	541.6	203.1
25°	6953.1	6966.6	6770.3	6553.6	6086.5	5632.9	5436.5	4502.2	2742.0	758.3	203.1
27.5°	8165.0	8259.7	7968.6	7596.3	7102.0	6533.3	6384.4	5307.9	3486.7	1069.7	216.6
30°	9674.7	9674.7	9288.8	8767.5	8232.7	7528.5	7339.0	6154.2	4278.8	1482.7	230.2
32.5°	10974.6	10873.1	10378.8	9830.4	9261.7	8605.0	8401.9	7041.1	5091.2	1997.2	257.3
35°	11969.9	11881.8	11272.5	10683.5	10189.3	9586.7	9343.0	8002.5	5951.1	2579.5	297.9
37.5°	12822.9	12789.1	11963.1	11225.1	10900.1	10372.1	10155.4	8909.7	6797.4	3209.1	345.3
40°	13757.2	13648.9	12768.7	11854.8	11367.3	10940.8	10744.4	9640.9	7609.8	3947.1	413.0
42.5°	14556.1	14427.5	13635.3	12741.7	11908.9	11333.4	11143.9	10257.0	8401.9	4685.0	501.0
45°	15443.0	15375.3	14576.4	13899.4	12789.1	11868.3	11617.8	10751.2	9126.3	5565.2	616.1
47.5°	16776.7	16654.9	15910.2	15355.0	14068.6	12680.7	12321.9	11259.0	9823.7	6431.8	792.1
50°	18327.1	18245.9	17805.8	17365.8	16086.2	14068.6	13642.1	11990.2	10602.3	7460.8	1022.3
52.5°	19593.2	19579.6	19633.8	19640.6	18672.4	16404.4	15768.0	13168.2	11495.9	8476.4	1347.3
55°	19566.1	19627.0	20222.8	20906.6	20981.1	19593.2	18977.1	15151.9	12660.4	9728.9	1800.9
57.5°	18834.9	18787.5	19417.2	20446.2	21170.7	21319.6	21218.1	18232.4	14413.9	11238.7	2498.2
58°	18598.0	18557.3	19153.1	20202.5	21035.3	21434.7	21333.1	18929.7	14806.6	11455.3	2687.8
60°	17738.1	17744.9	18097.0	19051.6	19884.3	20832.1	20926.9	20920.2	16763.2	12904.1	3642.4
62.5°	16600.7	16546.6	16871.5	17650.1	18381.3	19017.7	19180.2	21055.6	19627.0	14745.7	5463.6
65°	15030.0	14948.8	15294.1	16174.2	16959.5	17372.5	17379.3	19241.1	20974.3	16722.6	8063.4
67.5°	12112.0	12044.3	12734.9	13865.5	15077.4	15619.0	15862.8	16695.5	19836.9	18063.1	9552.9
70°	7420.2	7562.4	8523.8	10297.6	12369.3	13364.5	13730.1	13987.4	16891.8	17860.0	7988.9
72.5°	3425.8	3256.5	4075.7	5314.7	7677.5	9891.4	10270.5	11279.3	13391.6	15503.9	5957.8
75°	1597.8	1536.9	1726.4	2322.2	3479.9	5341.7	6032.3	9004.5	10270.5	10785.1	4299.1
77.5°	819.2	826.0	981.7	1056.2	1435.3	2471.2	2836.7	5924.0	7528.5	6018.8	2884.1
80°	358.8	372.4	379.1	413.0	582.2	954.6	1076.5	2748.7	5145.4	3066.9	1577.5
82.5°	230.2	237.0	237.0	237.0	277.6	379.1	433.3	1103.6	2565.9	1523.3	487.5
85°	121.9	121.9	135.4	169.3	196.3	230.2	243.7	352.1	846.3	453.6	115.1
87.5°	67.7	74.5	81.2	101.6	128.6	155.7	169.3	243.7	325.0	311.4	27.1
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-SA7B-950-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	169.3	169.3	169.3	169.3	169.3	169.3	169.3	169.3	169.3	169.3	169.3
2.5°	176.0	169.3	162.5	155.7	148.9	142.2	142.2	142.2	142.2	142.2	142.2
5°	169.3	162.5	155.7	142.2	128.6	121.9	115.1	108.3	108.3	108.3	108.3
7.5°	169.3	162.5	142.2	128.6	115.1	101.6	88.0	88.0	88.0	88.0	88.0
10°	169.3	155.7	135.4	115.1	94.8	81.2	74.5	67.7	67.7	67.7	67.7
12.5°	169.3	148.9	128.6	101.6	81.2	67.7	60.9	54.2	54.2	54.2	54.2
15°	169.3	148.9	121.9	94.8	74.5	54.2	47.4	40.6	40.6	40.6	40.6
17.5°	162.5	142.2	115.1	81.2	60.9	40.6	33.9	27.1	27.1	33.9	33.9
20°	155.7	135.4	101.6	67.7	47.4	33.9	20.3	20.3	20.3	20.3	20.3
22.5°	155.7	135.4	94.8	60.9	40.6	20.3	13.5	13.5	13.5	13.5	20.3
25°	155.7	128.6	81.2	47.4	27.1	13.5	6.8	6.8	6.8	6.8	6.8
27.5°	155.7	128.6	74.5	40.6	20.3	13.5	6.8	0.0	0.0	0.0	0.0
30°	148.9	121.9	67.7	33.9	13.5	6.8	0.0	0.0	0.0	0.0	0.0
32.5°	148.9	115.1	54.2	27.1	13.5	6.8	0.0	0.0	0.0	0.0	0.0
35°	155.7	108.3	47.4	20.3	6.8	0.0	0.0	0.0	0.0	0.0	6.8
37.5°	162.5	101.6	40.6	13.5	6.8	0.0	0.0	0.0	0.0	0.0	0.0
40°	169.3	94.8	40.6	13.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	182.8	94.8	33.9	13.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	196.3	94.8	27.1	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	223.4	101.6	27.1	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	243.7	108.3	20.3	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	270.8	101.6	20.3	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	304.7	101.6	20.3	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	331.7	94.8	20.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	345.3	88.0	13.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	413.0	81.2	13.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	643.2	67.7	13.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1306.7	60.9	13.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2437.3	54.2	13.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2728.4	60.9	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1719.7	47.4	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	907.2	47.4	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	453.6	47.4	6.8	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	209.9	33.9	6.8	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	88.0	20.3	13.5	6.8	6.8	0.0	0.0	0.0	0.0	0.0	0.0
85°	40.6	20.3	13.5	13.5	6.8	6.8	0.0	0.0	0.0	0.0	0.0
87.5°	20.3	20.3	20.3	13.5	13.5	6.8	6.8	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

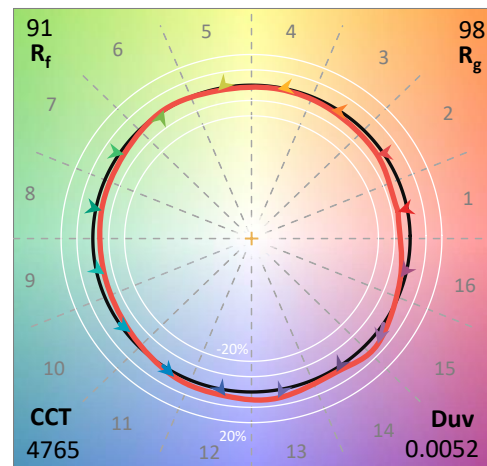
Test Information

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

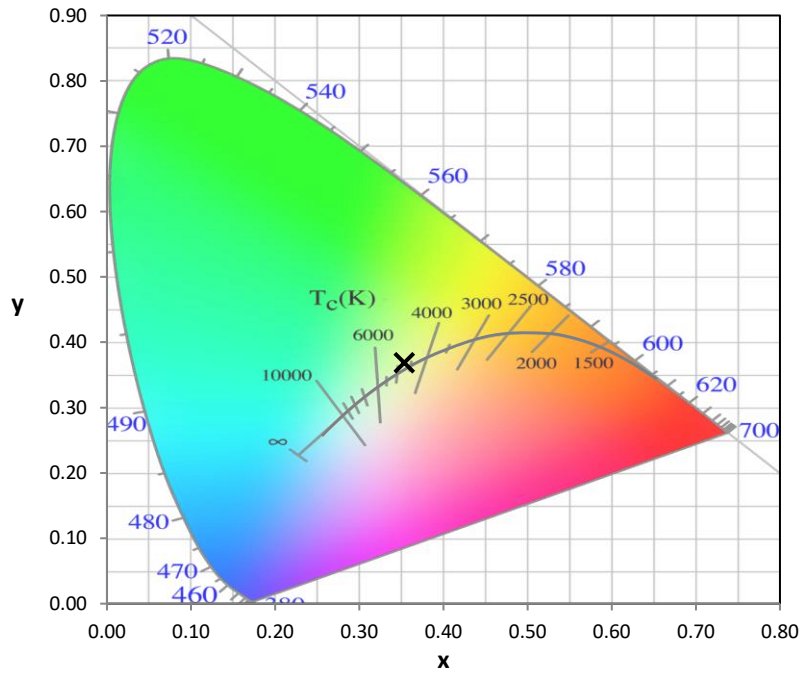
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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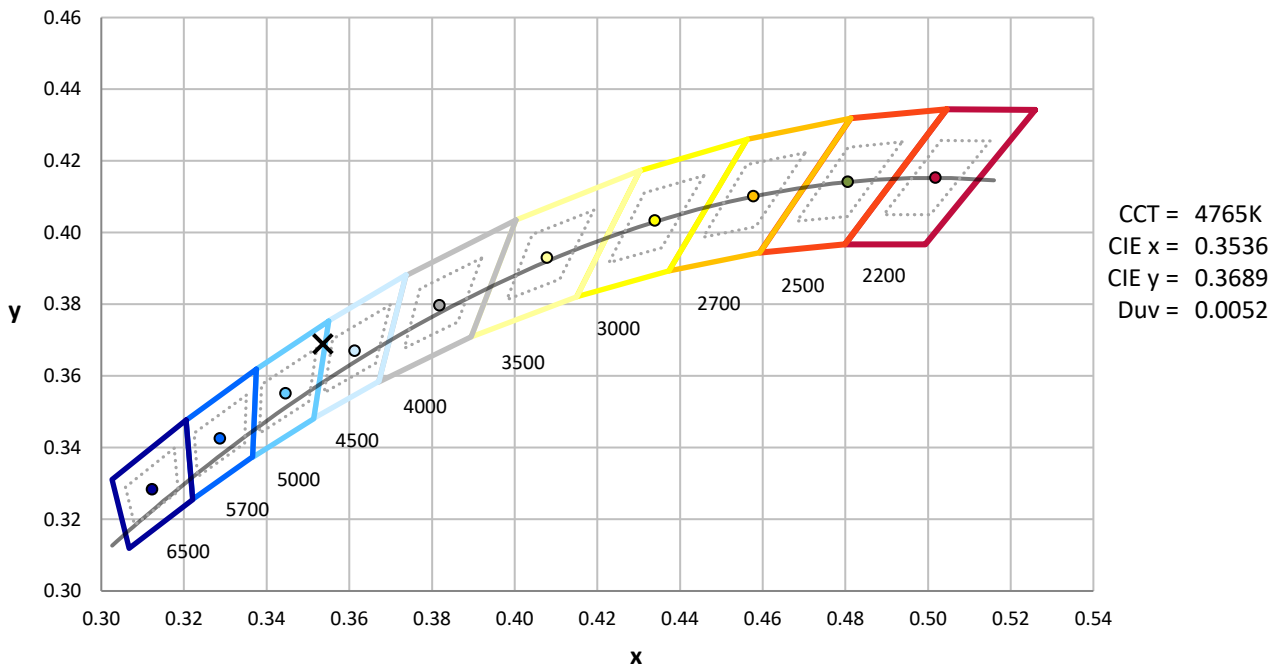
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



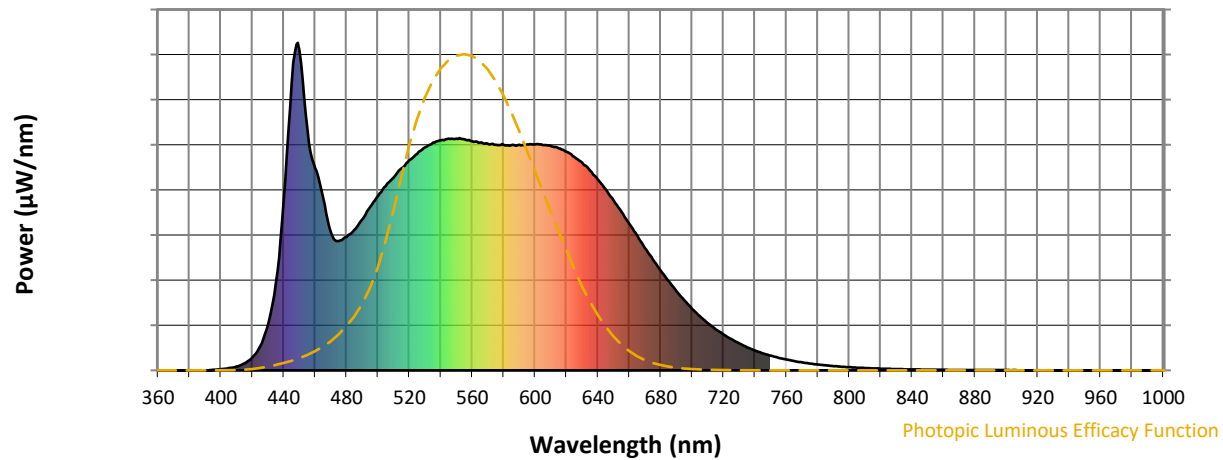
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 7-step quadrangle

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Photopic Flux vs. Wavelength

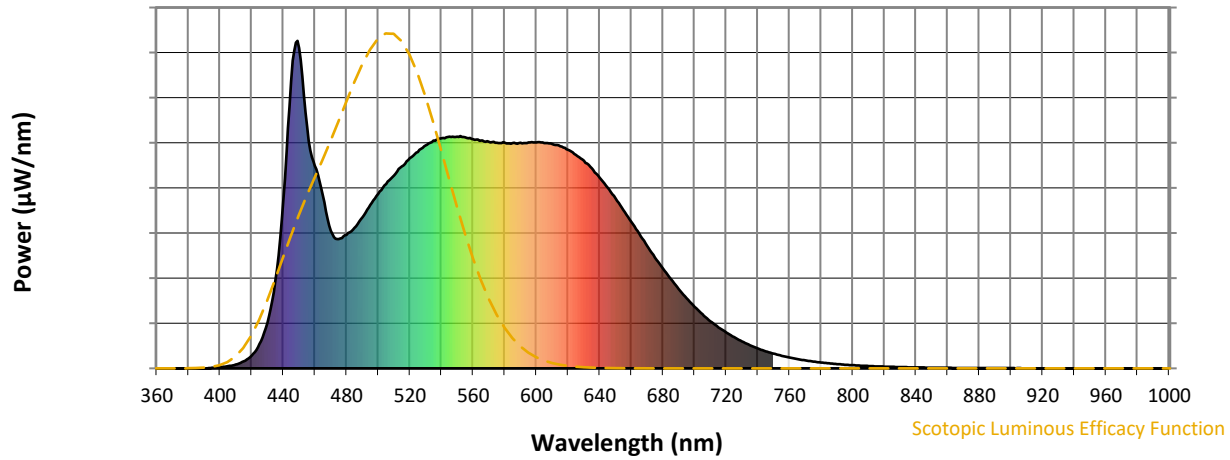


Photopic Lumens: NR

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			

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Scotopic Flux vs. Wavelength



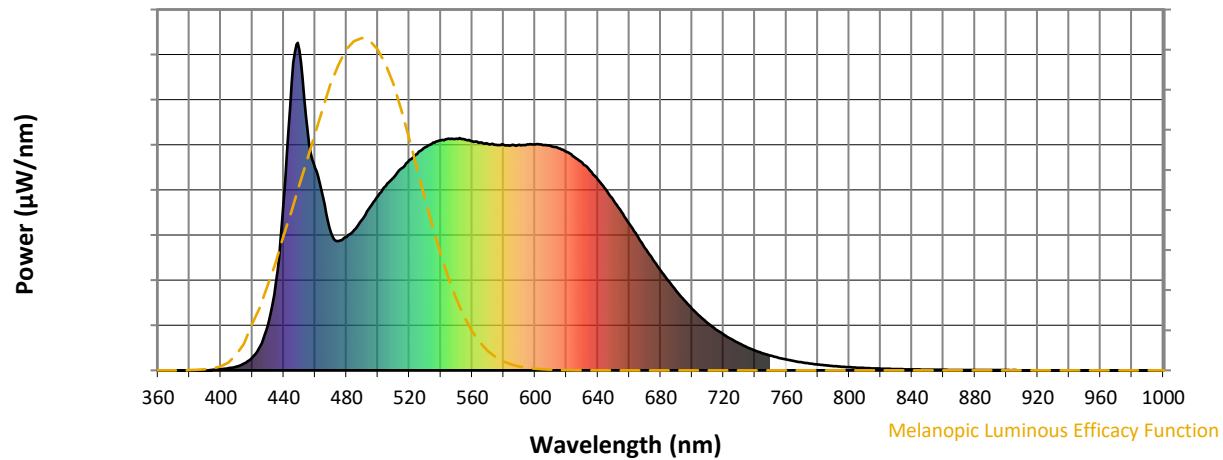
Scotopic Lumens: NR

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

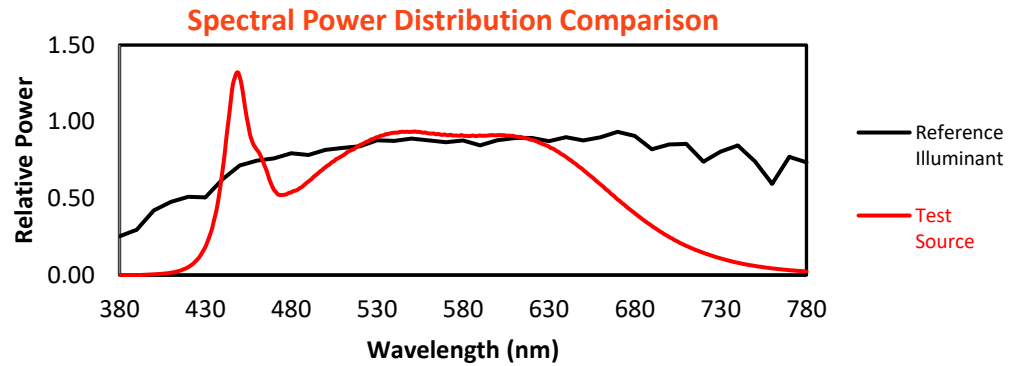
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	462	NR	620	668	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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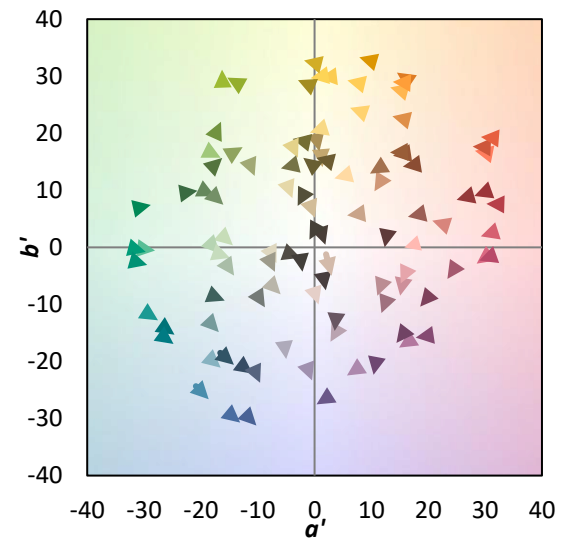
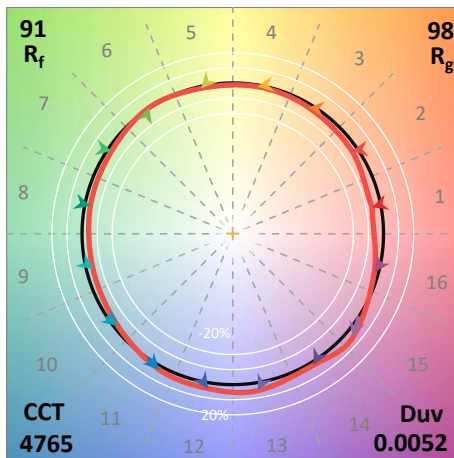
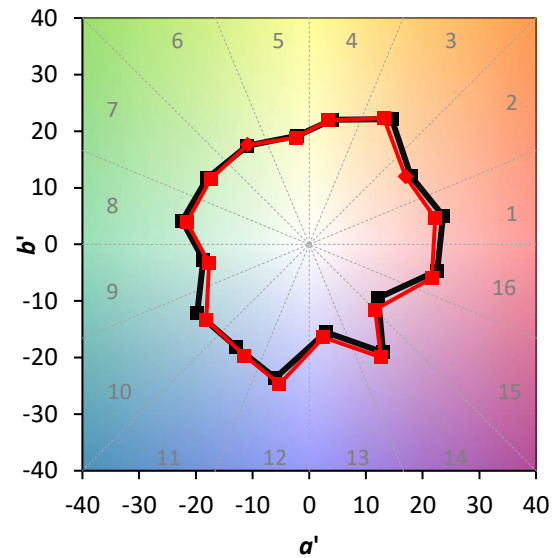
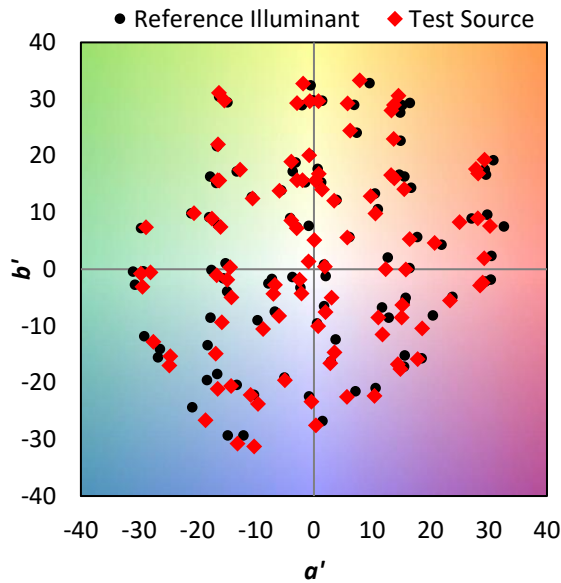
TM-30-18

Summary

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

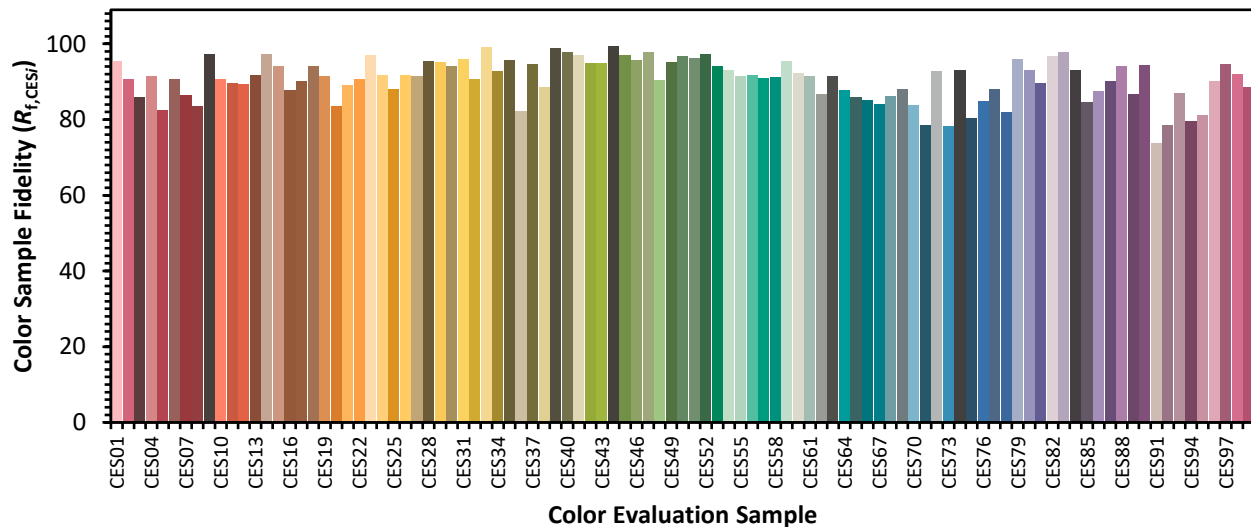


Color Vector Graphics

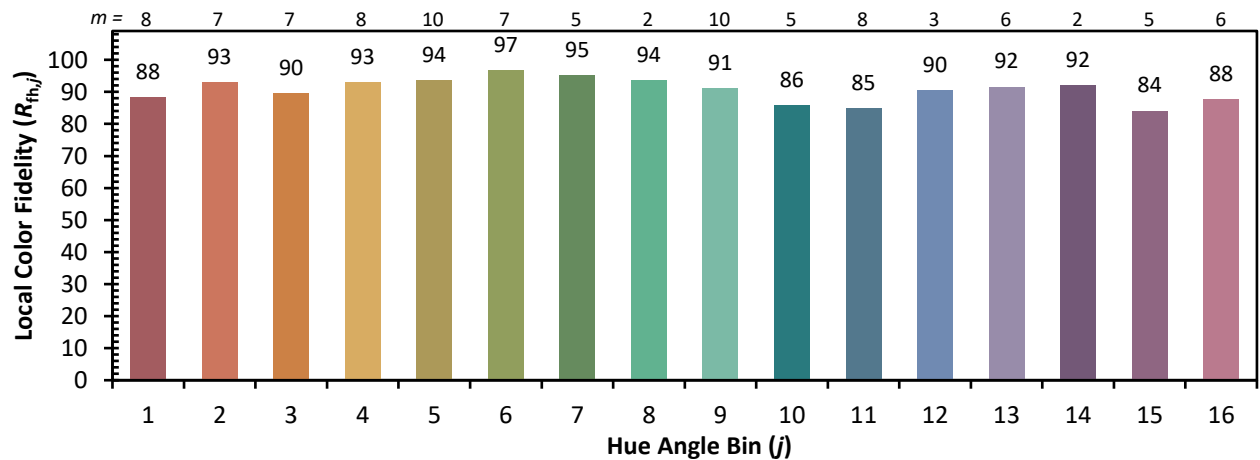
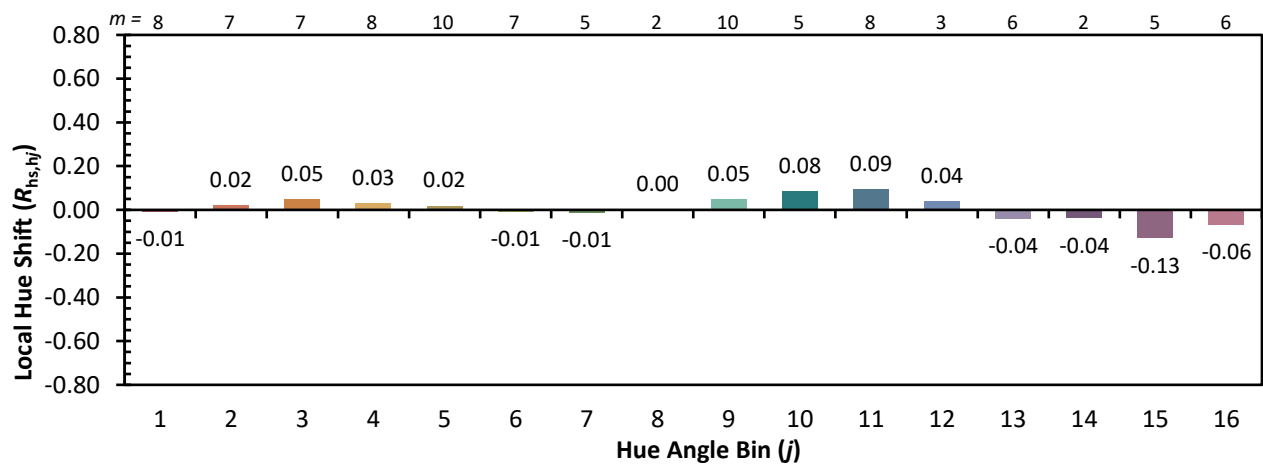
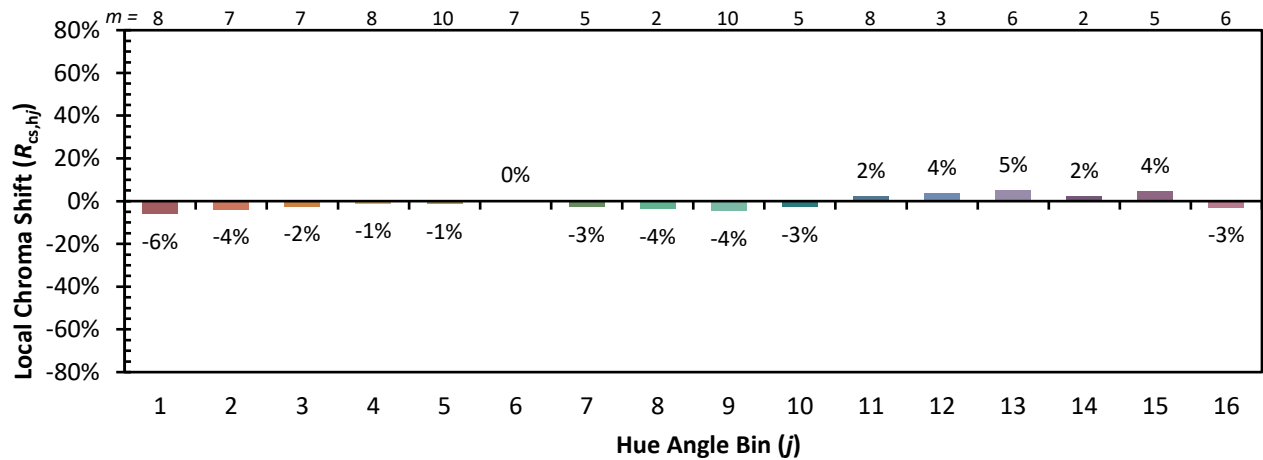


Individual Sample Fidelity Index ($R_{f,i}$)

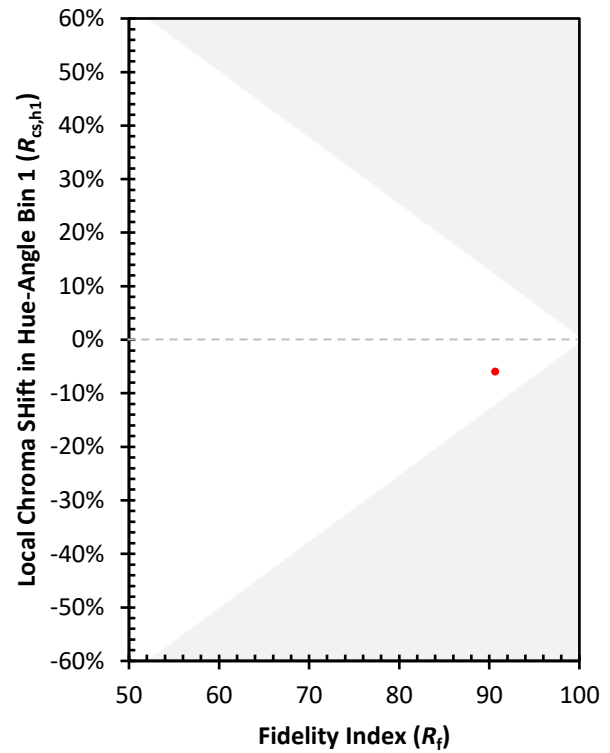
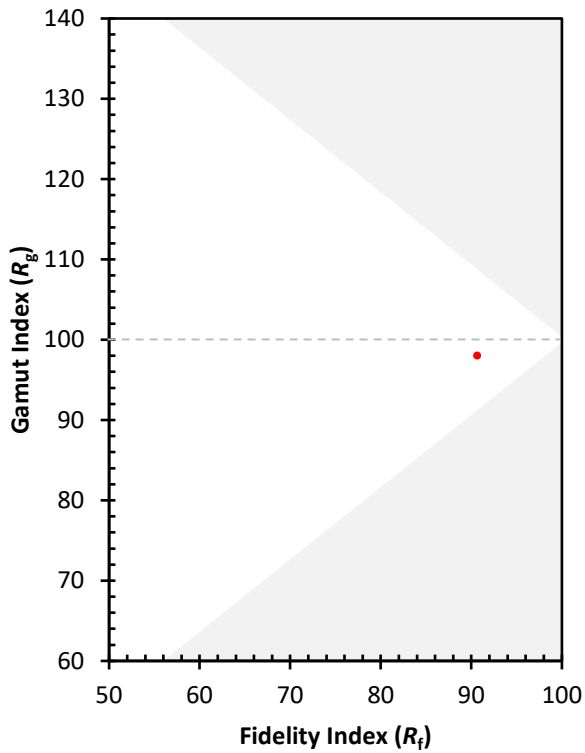
CES01 = 85	CES26 = 92	CES51 = 96	CES76 = 85
CES02 = 60	CES27 = 92	CES52 = 97	CES77 = 88
CES03 = 31	CES28 = 95	CES53 = 94	CES78 = 82
CES04 = 69	CES29 = 95	CES54 = 93	CES79 = 96
CES05 = 48	CES30 = 94	CES55 = 92	CES80 = 93
CES06 = 50	CES31 = 96	CES56 = 92	CES81 = 89
CES07 = 41	CES32 = 91	CES57 = 91	CES82 = 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)