

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: P1063234

Luminaire Tested: **GLAN-SA3B-950-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1063234
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-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 3xLight Square PACKAGE
90CRI 5000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (42) 5000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11657 lumens
Efficiency: N/A
Efficacy: 109.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - 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



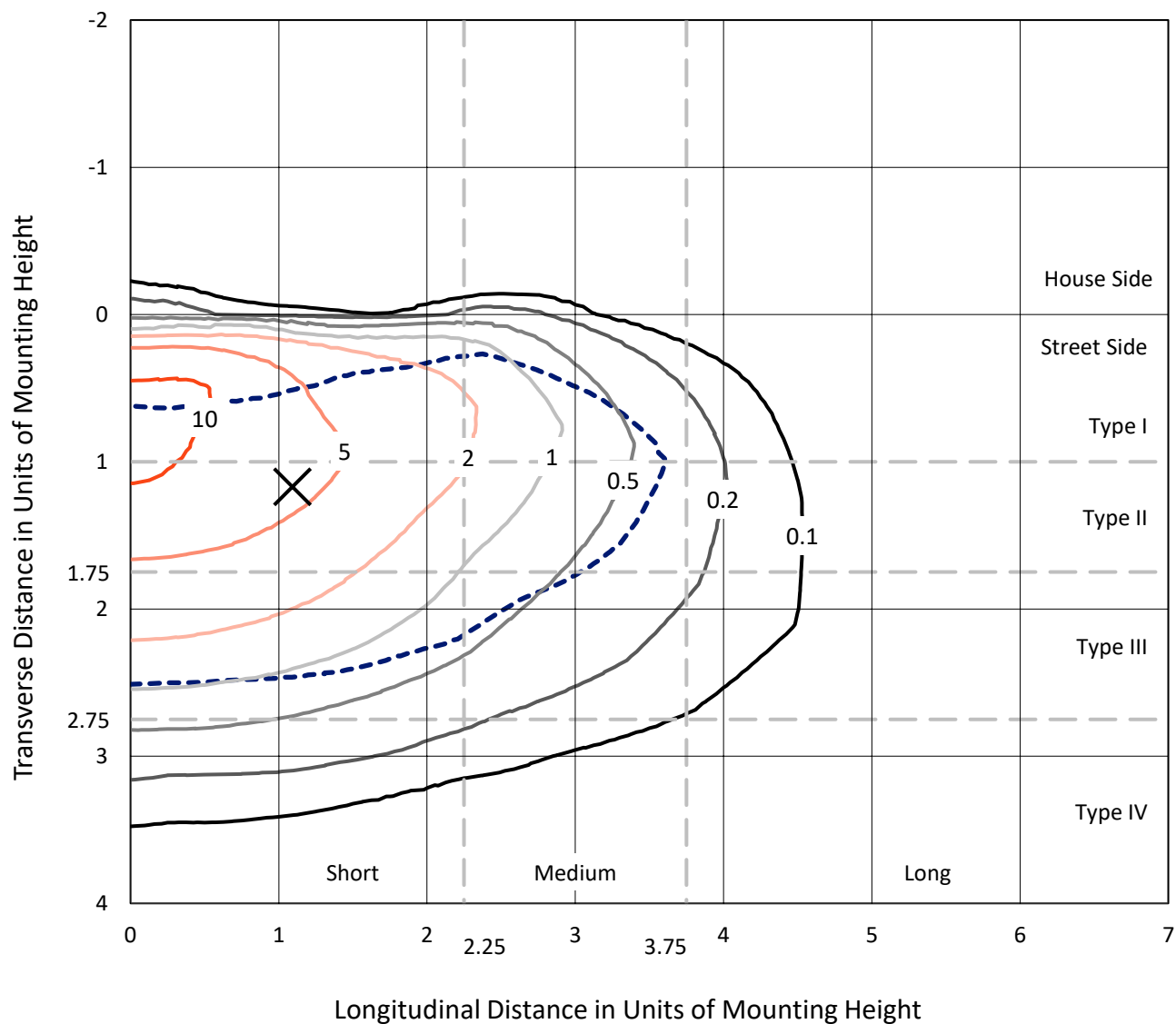
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

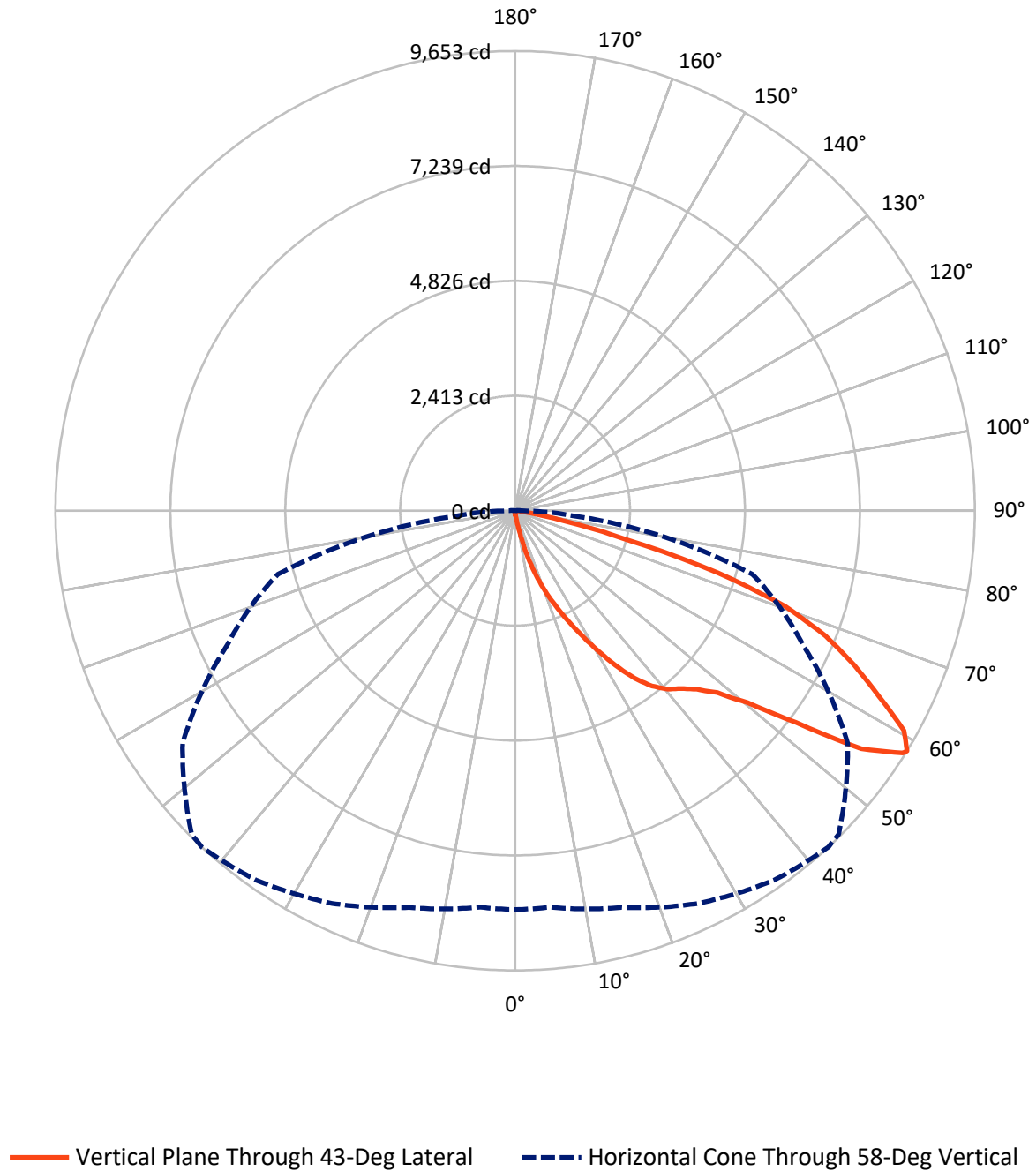


Based on 15 foot mounting height. Maximum calculated value = 13.1 fc
 Type III - Short - N/A

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CATALOG NUMBER: GLAN-SA3B-950-U-T3BC

Luminous Intensity Polar Plot



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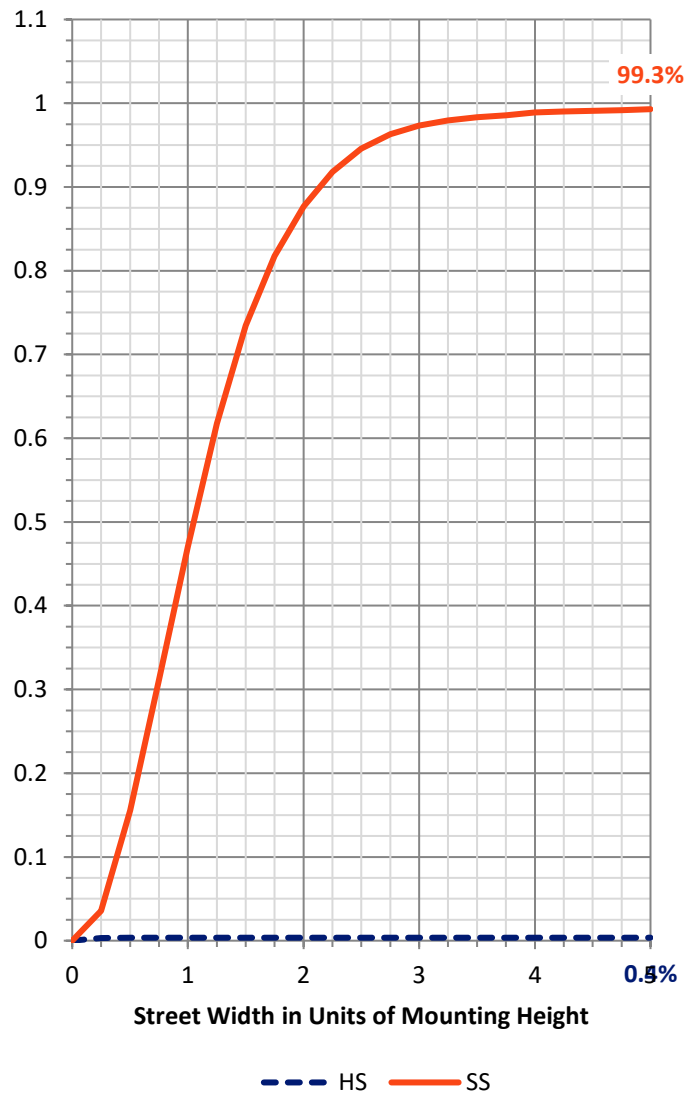
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	42.5	0.0	42.5
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	11614.5	0.0	11614.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	11657.0	0.0	11657.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.2	0.1
10°-20°	134.0	1.1
20°-30°	483.0	4.1
30°-40°	1105.0	9.5
40°-50°	1863.7	16.0
50°-60°	3075.6	26.4
60°-70°	3437.4	29.5
70°-80°	1419.2	12.2
80°-90°	127.9	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°	11657.0	100.0
0°-180°	11657.0	100.0



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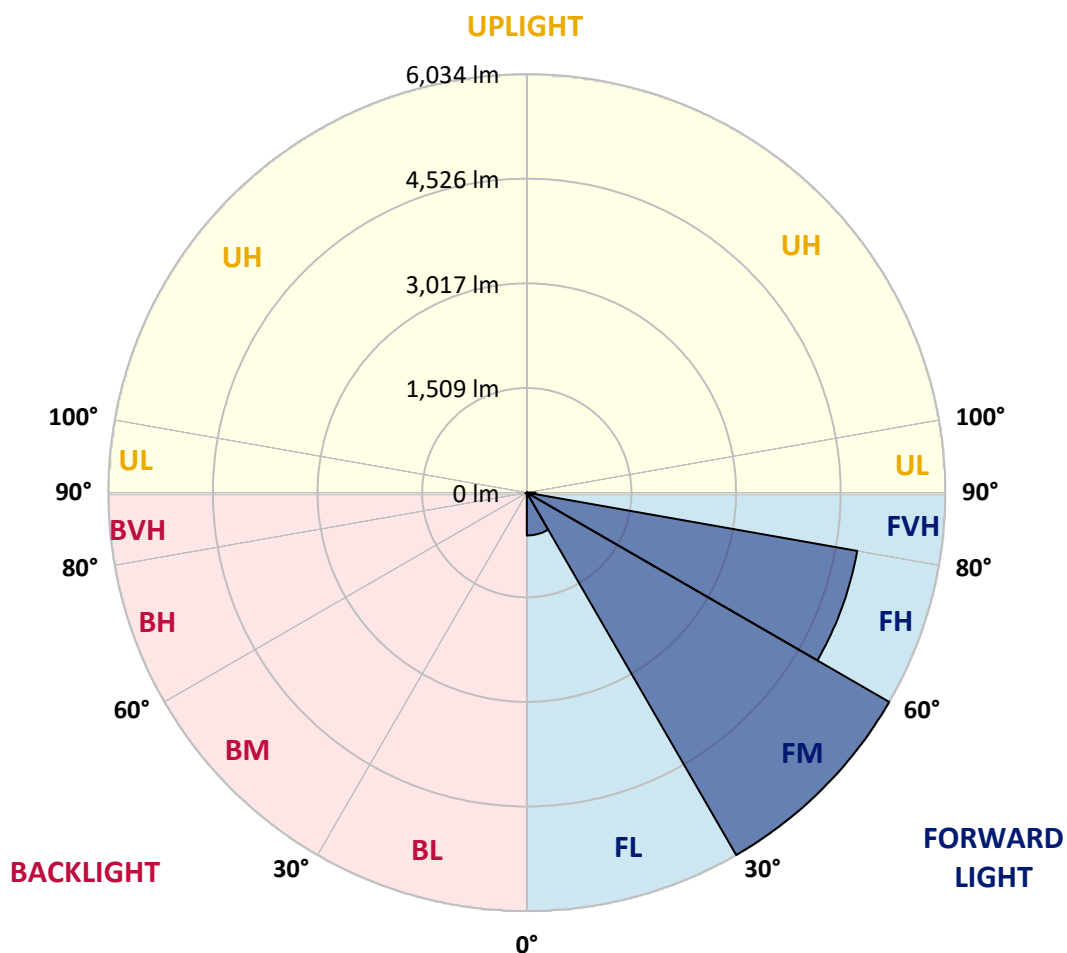
CATALOG NUMBER: GLAN-SA3B-950-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	617.0	5.3			
FM	(30°-60°)	6034.1	51.8			
FH	(60°-80°)	4837.1	41.5			G2/5000
FVH	(80°-90°)	126.2	1.1			G2/225
BL	(0°-30°)	11.1	0.1	B0/110		
BM	(30°-60°)	10.2	0.1	B0/220		
BH	(60°-80°)	19.5	0.2	B0/110		G0/110
BVH	(80°-90°)	1.7	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 III Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
2.5°	91.5	94.5	91.5	91.5	91.5	88.4	88.4	85.4	85.4	82.3	79.3
5°	134.1	134.1	125.0	118.9	112.8	109.8	106.7	100.6	94.5	88.4	82.3
7.5°	298.8	298.8	271.3	234.8	186.0	158.5	152.4	125.0	106.7	94.5	82.3
10°	713.4	713.4	652.4	551.8	426.8	317.1	283.5	179.9	128.0	100.6	85.4
12.5°	1186.0	1201.2	1125.0	997.0	811.0	618.9	551.8	329.3	170.7	109.8	85.4
15°	1609.8	1573.2	1551.8	1429.9	1253.1	1024.4	939.0	554.9	247.0	125.0	85.4
17.5°	1896.4	1896.4	1865.9	1783.5	1622.0	1420.7	1350.6	896.3	399.4	143.3	88.4
20°	2231.7	2231.7	2176.8	2118.9	1975.6	1804.9	1737.8	1274.4	618.9	182.9	88.4
22.5°	2637.2	2643.3	2582.3	2478.7	2341.5	2152.5	2094.5	1625.0	896.3	243.9	91.5
25°	3131.1	3137.2	3048.8	2951.2	2740.9	2536.6	2448.2	2027.4	1234.8	341.5	91.5
27.5°	3676.8	3719.5	3588.4	3420.8	3198.2	2942.1	2875.0	2390.3	1570.1	481.7	97.6
30°	4356.7	4356.7	4182.9	3948.2	3707.3	3390.3	3304.9	2771.4	1926.8	667.7	103.7
32.5°	4942.1	4896.4	4673.8	4426.9	4170.8	3875.0	3783.6	3170.7	2292.7	899.4	115.9
35°	5390.3	5350.6	5076.2	4811.0	4588.4	4317.1	4207.3	3603.7	2679.9	1161.6	134.1
37.5°	5774.4	5759.2	5387.2	5054.9	4908.6	4670.8	4573.2	4012.2	3061.0	1445.1	155.5
40°	6195.2	6146.4	5750.0	5338.4	5118.9	4926.9	4838.4	4341.5	3426.8	1777.4	186.0
42.5°	6554.9	6497.0	6140.3	5737.8	5362.8	5103.7	5018.3	4618.9	3783.6	2109.8	225.6
45°	6954.3	6923.8	6564.1	6259.2	5759.2	5344.5	5231.7	4841.5	4109.8	2506.1	277.4
47.5°	7554.9	7500.0	7164.7	6914.7	6335.4	5710.4	5548.8	5070.1	4423.8	2896.4	356.7
50°	8253.1	8216.5	8018.3	7820.2	7243.9	6335.4	6143.3	5399.4	4774.4	3359.8	460.4
52.5°	8823.2	8817.1	8841.5	8844.6	8408.6	7387.2	7100.6	5929.9	5176.9	3817.1	606.7
55°	8811.0	8838.5	9106.8	9414.7	9448.2	8823.2	8545.8	6823.2	5701.3	4381.1	811.0
57.5°	8481.8	8460.4	8743.9	9207.4	9533.6	9600.7	9554.9	8210.4	6490.9	5061.0	1125.0
58°	8375.0	8356.8	8625.0	9097.6	9472.6	9652.5	9606.8	8524.4	6667.7	5158.6	1210.4
60°	7987.8	7990.9	8149.4	8579.3	8954.3	9381.1	9423.8	9420.8	7548.8	5811.0	1640.3
62.5°	7475.7	7451.3	7597.6	7948.2	8277.5	8564.1	8637.2	9481.8	8838.5	6640.3	2460.4
65°	6768.3	6731.7	6887.2	7283.6	7637.2	7823.2	7826.3	8664.7	9445.2	7530.5	3631.1
67.5°	5454.3	5423.8	5734.8	6243.9	6789.7	7033.6	7143.3	7518.3	8933.0	8134.2	4301.9
70°	3341.5	3405.5	3838.4	4637.2	5570.2	6018.3	6183.0	6298.8	7606.7	8042.7	3597.6
72.5°	1542.7	1466.5	1835.4	2393.3	3457.3	4454.3	4625.0	5079.3	6030.5	6981.7	2682.9
75°	719.5	692.1	777.4	1045.7	1567.1	2405.5	2716.5	4054.9	4625.0	4856.7	1936.0
77.5°	368.9	372.0	442.1	475.6	646.3	1112.8	1277.4	2667.7	3390.3	2710.4	1298.8
80°	161.6	167.7	170.7	186.0	262.2	429.9	484.8	1237.8	2317.1	1381.1	710.4
82.5°	103.7	106.7	106.7	106.7	125.0	170.7	195.1	497.0	1155.5	686.0	219.5
85°	54.9	54.9	61.0	76.2	88.4	103.7	109.8	158.5	381.1	204.3	51.8
87.5°	30.5	33.5	36.6	45.7	57.9	70.1	76.2	109.8	146.3	140.2	12.2
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-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
2.5°	79.3	76.2	73.2	70.1	67.1	64.0	64.0	64.0	64.0	64.0	64.0
5°	76.2	73.2	70.1	64.0	57.9	54.9	51.8	48.8	48.8	48.8	48.8
7.5°	76.2	73.2	64.0	57.9	51.8	45.7	39.6	39.6	39.6	39.6	39.6
10°	76.2	70.1	61.0	51.8	42.7	36.6	33.5	30.5	30.5	30.5	30.5
12.5°	76.2	67.1	57.9	45.7	36.6	30.5	27.4	24.4	24.4	24.4	24.4
15°	76.2	67.1	54.9	42.7	33.5	24.4	21.3	18.3	18.3	18.3	18.3
17.5°	73.2	64.0	51.8	36.6	27.4	18.3	15.2	12.2	12.2	15.2	15.2
20°	70.1	61.0	45.7	30.5	21.3	15.2	9.1	9.1	9.1	9.1	9.1
22.5°	70.1	61.0	42.7	27.4	18.3	9.1	6.1	6.1	6.1	6.1	9.1
25°	70.1	57.9	36.6	21.3	12.2	6.1	3.0	3.0	3.0	3.0	3.0
27.5°	70.1	57.9	33.5	18.3	9.1	6.1	3.0	0.0	0.0	0.0	0.0
30°	67.1	54.9	30.5	15.2	6.1	3.0	0.0	0.0	0.0	0.0	0.0
32.5°	67.1	51.8	24.4	12.2	6.1	3.0	0.0	0.0	0.0	0.0	0.0
35°	70.1	48.8	21.3	9.1	3.0	0.0	0.0	0.0	0.0	0.0	3.0
37.5°	73.2	45.7	18.3	6.1	3.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	76.2	42.7	18.3	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	82.3	42.7	15.2	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	88.4	42.7	12.2	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	100.6	45.7	12.2	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	109.8	48.8	9.1	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	122.0	45.7	9.1	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	137.2	45.7	9.1	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	149.4	42.7	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	155.5	39.6	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	186.0	36.6	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	289.6	30.5	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	588.4	27.4	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1097.6	24.4	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1228.7	27.4	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	774.4	21.3	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	408.5	21.3	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	204.3	21.3	3.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	94.5	15.2	3.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	39.6	9.1	6.1	3.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	18.3	9.1	6.1	6.1	3.0	3.0	0.0	0.0	0.0	0.0	0.0
87.5°	9.1	9.1	9.1	6.1	6.1	3.0	3.0	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

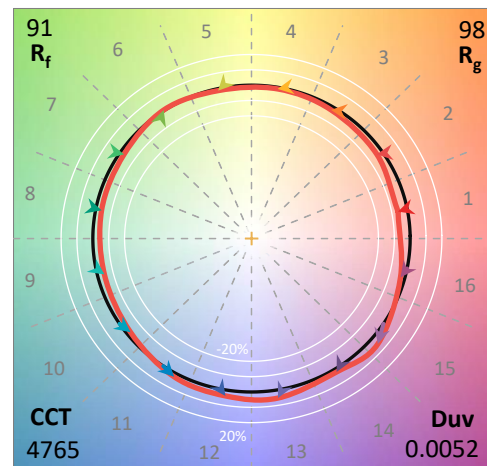
Test Information

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
 Rf: 90.7
 Rg: 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

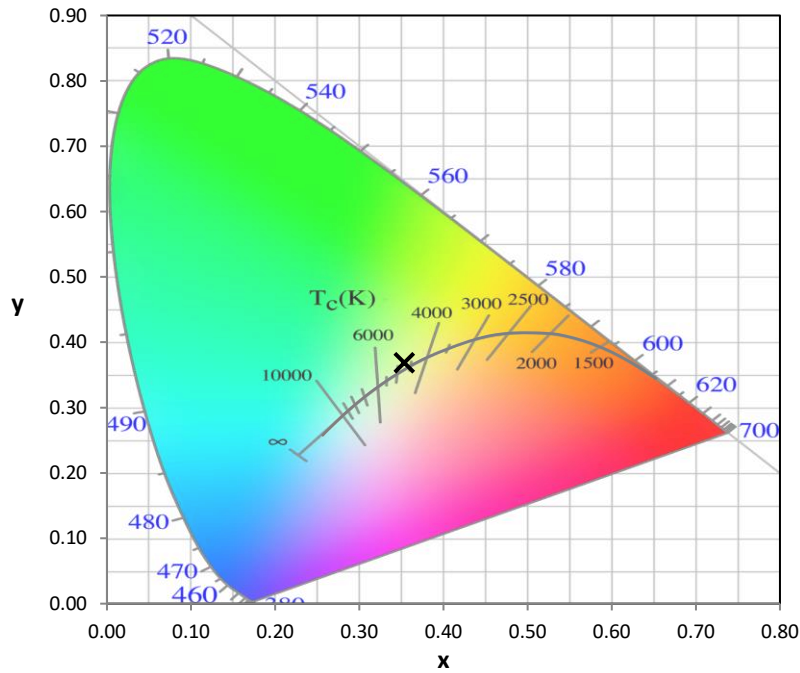
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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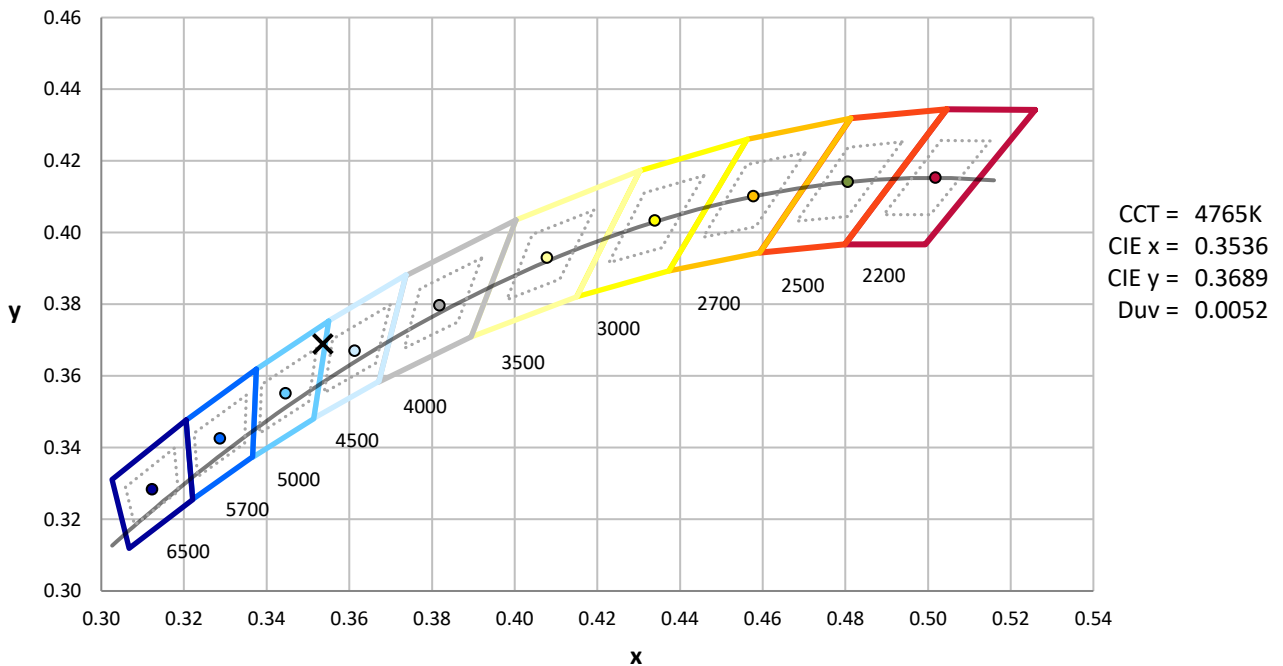
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



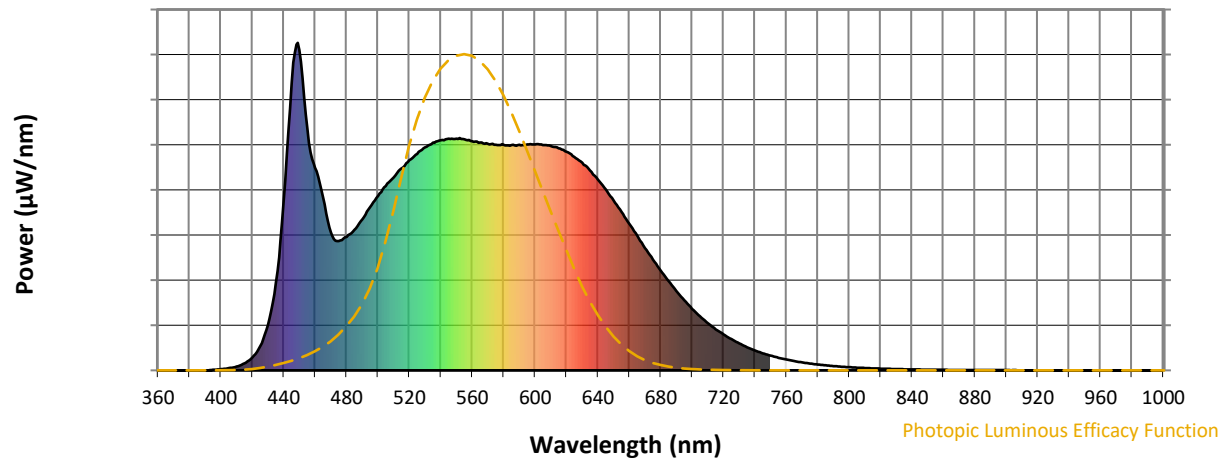
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 7-step quadrangle

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Photopic Flux vs. Wavelength

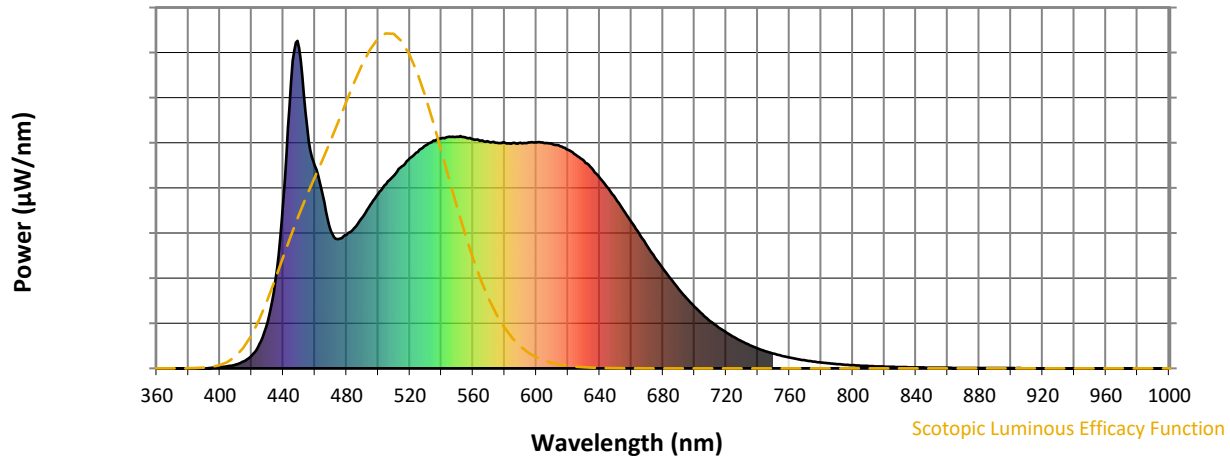


Photopic Lumens: NR

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



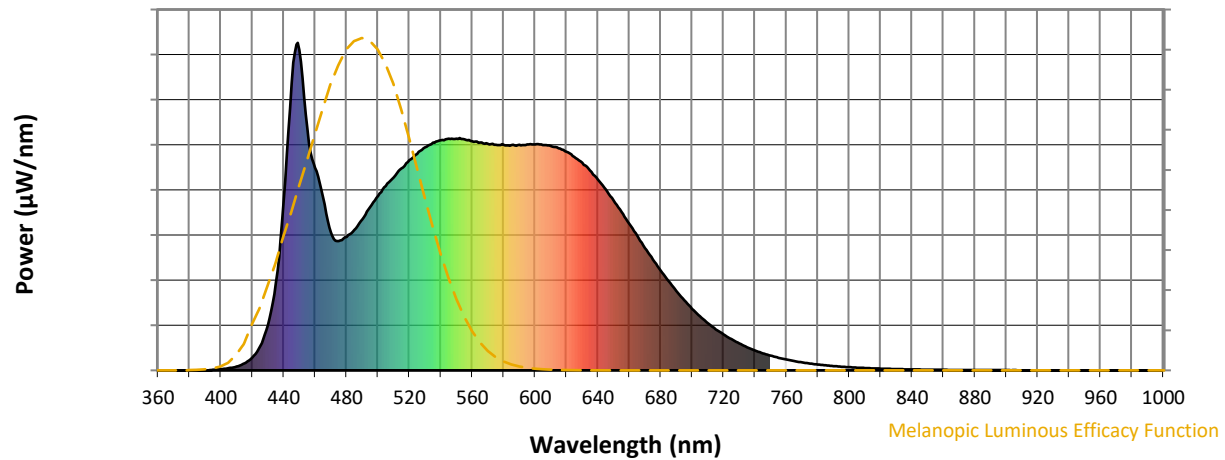
Scotopic Lumens: NR

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

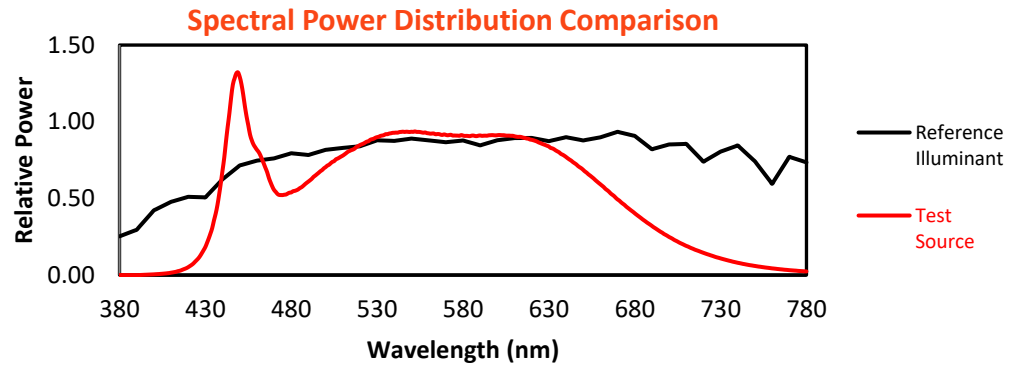
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	462	NR	620	668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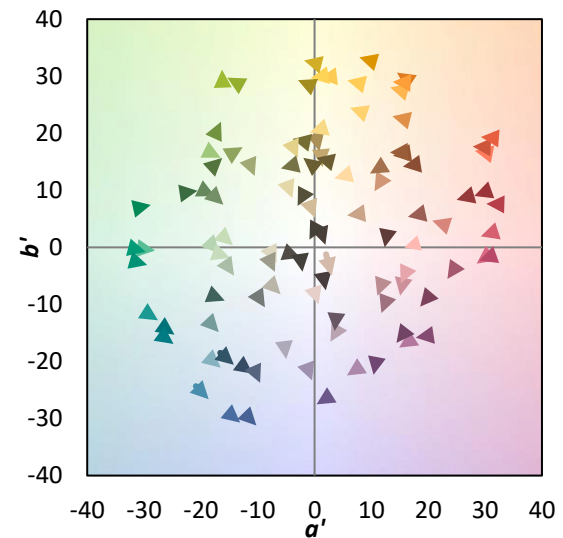
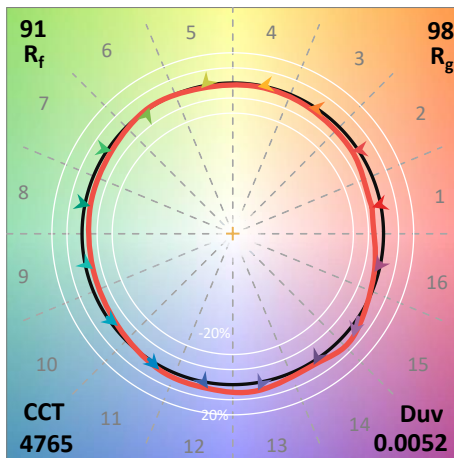
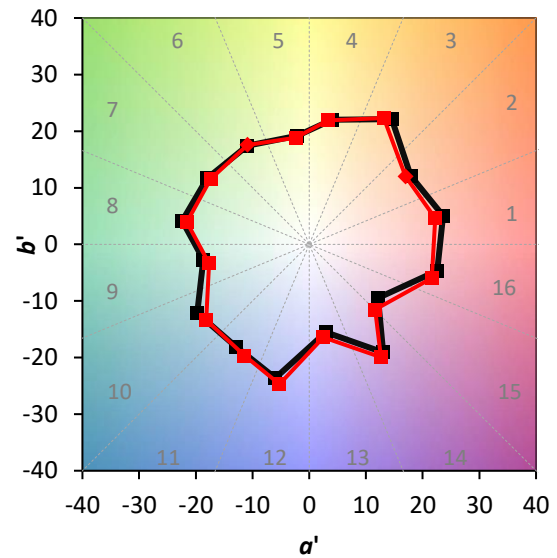
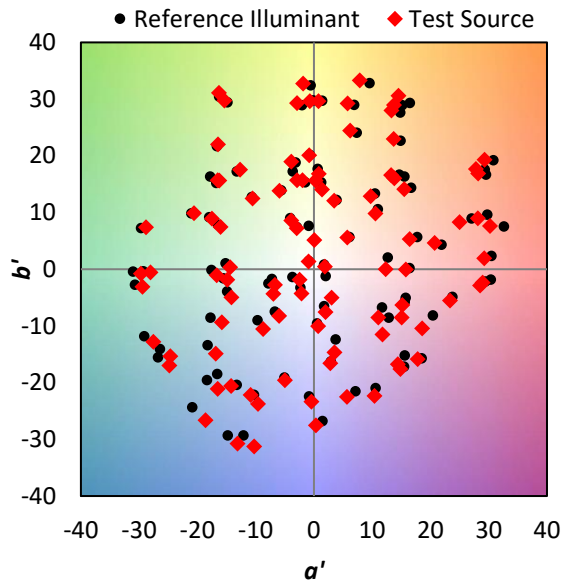
TM-30-18

Summary

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

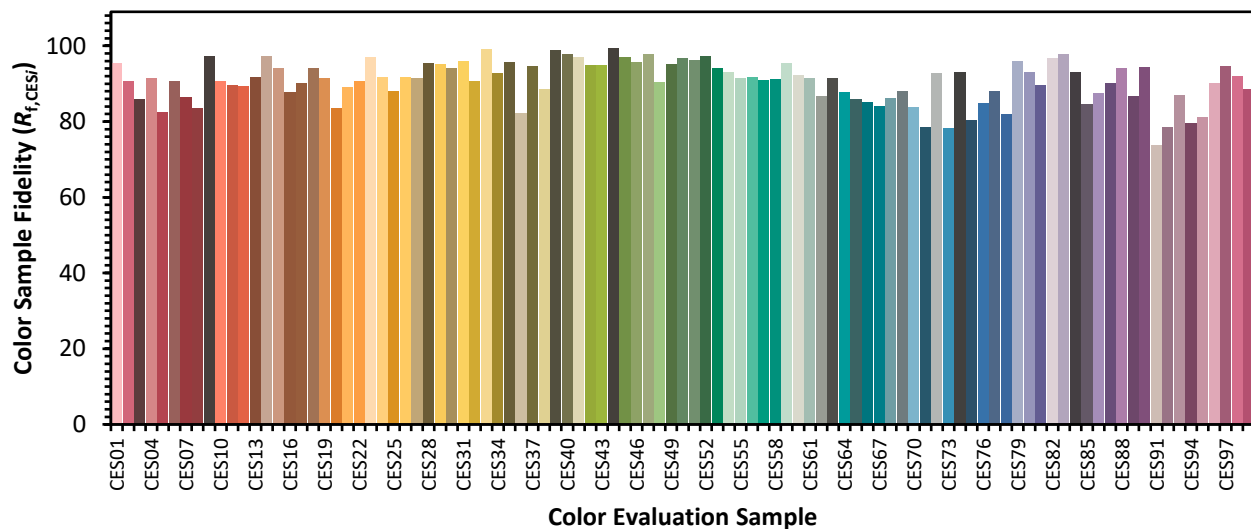


Color Vector Graphics

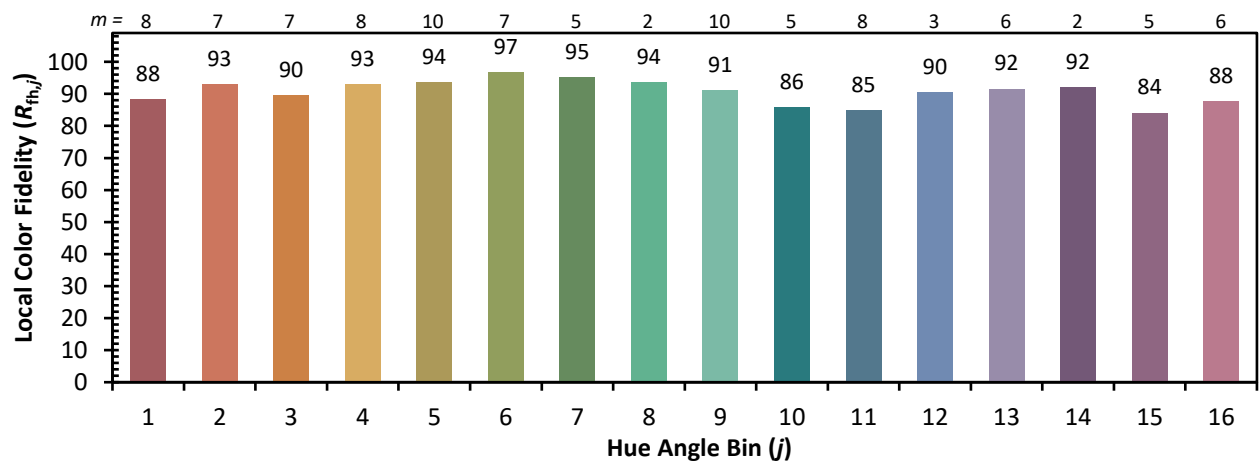
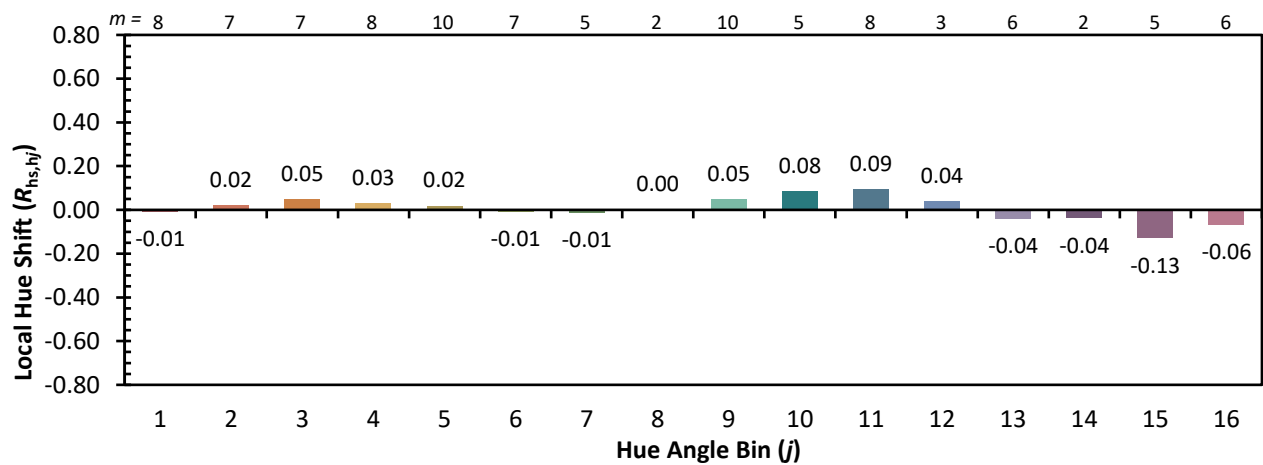
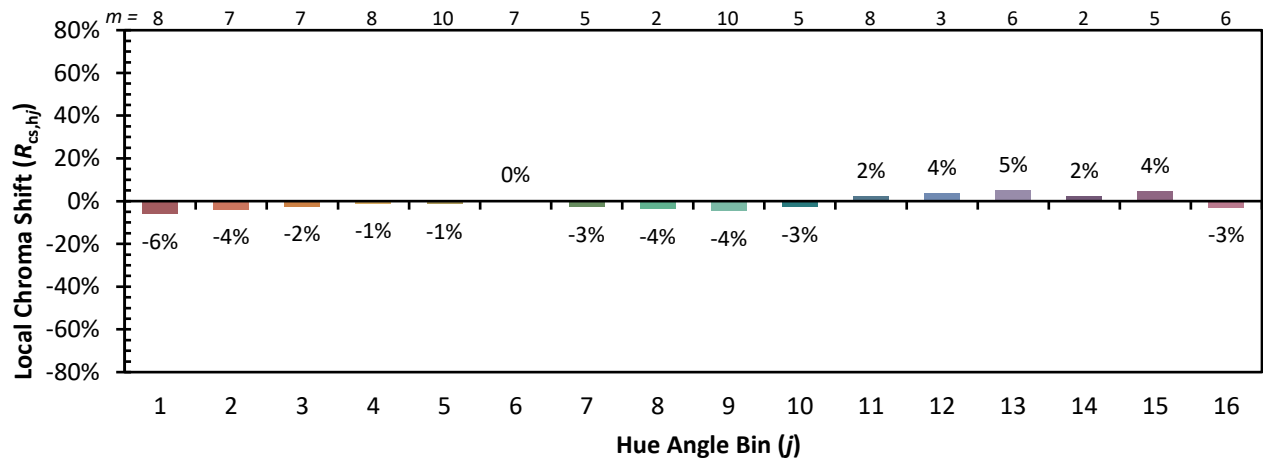


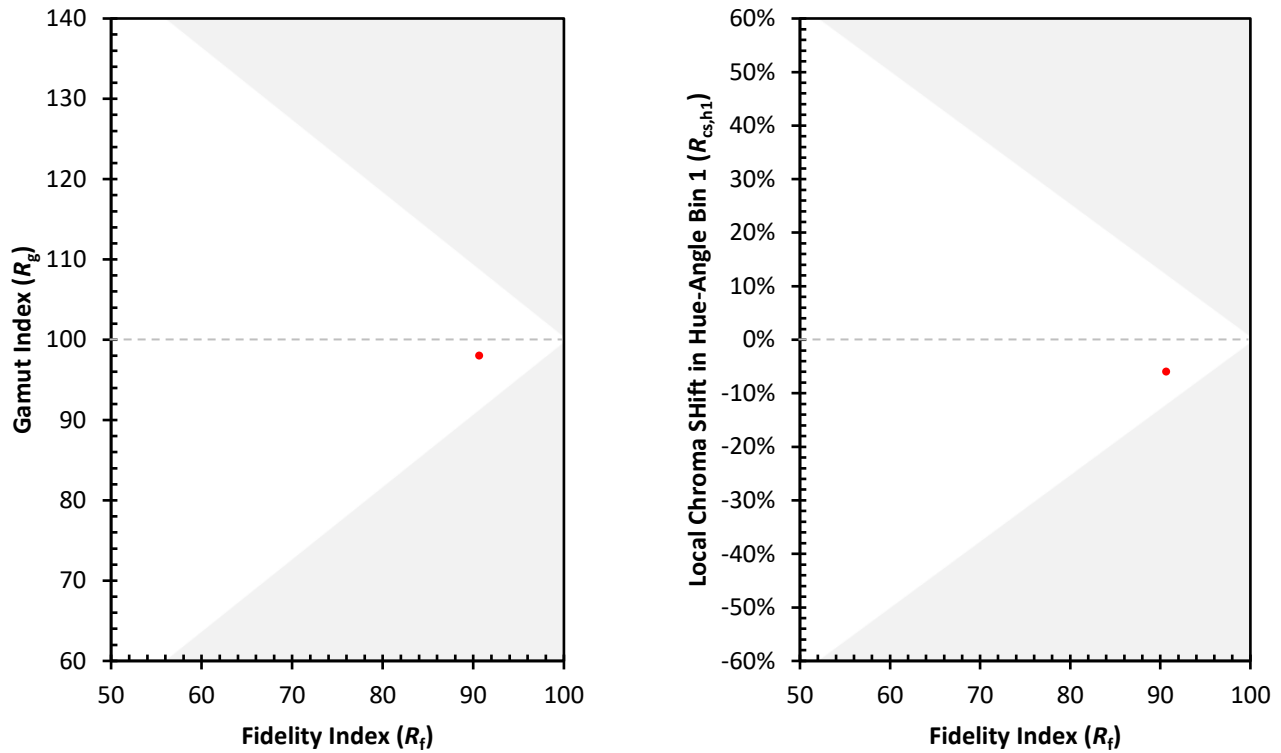
Individual Sample Fidelity Index ($R_{f,i}$)

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)