

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: P1063233

Luminaire Tested: **GLAN-SA3A-950-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1063233
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA3A-950-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 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: 9098.5 lumens
Efficiency: N/A
Efficacy: 111.8 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): 81.4
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

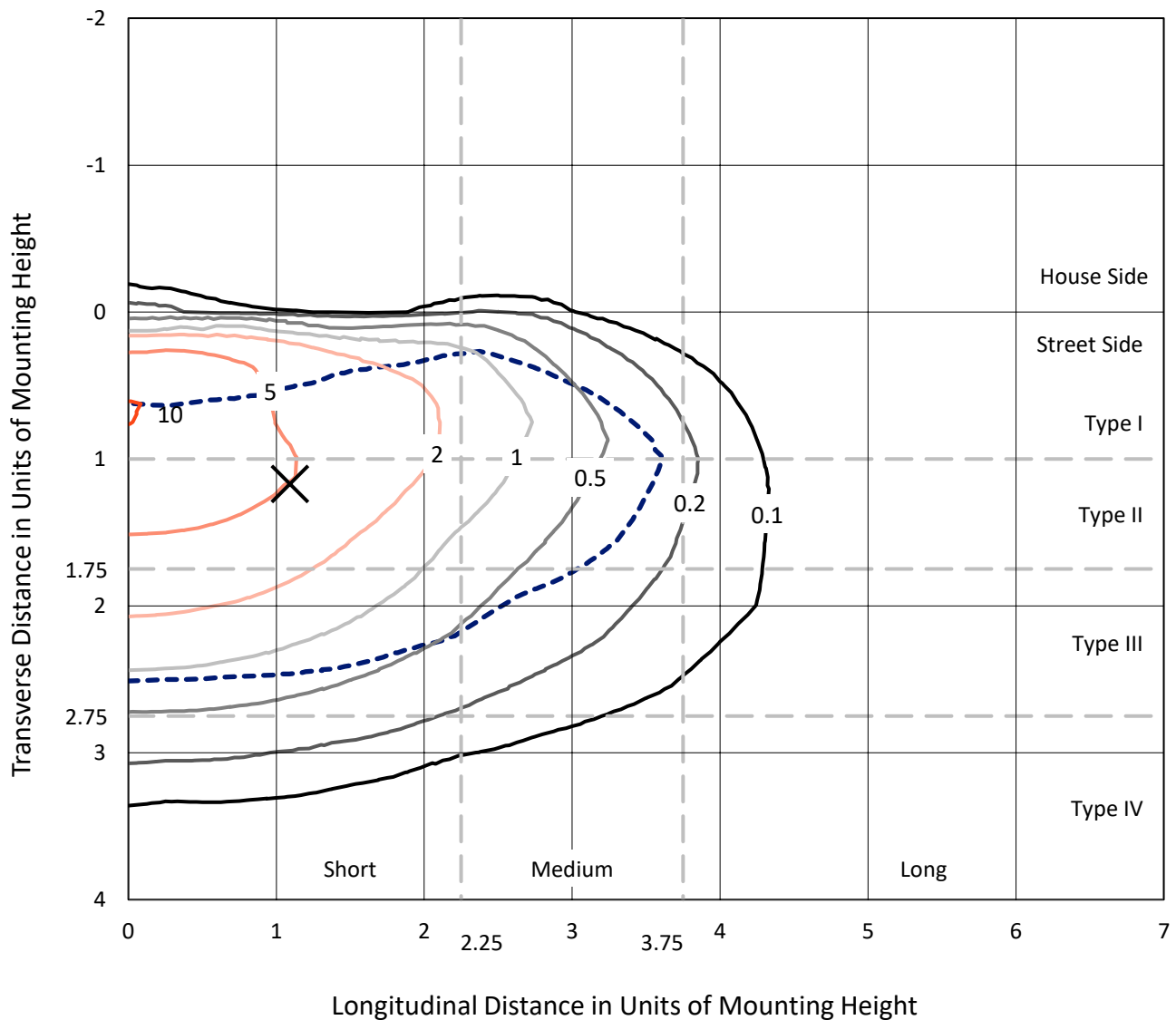


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

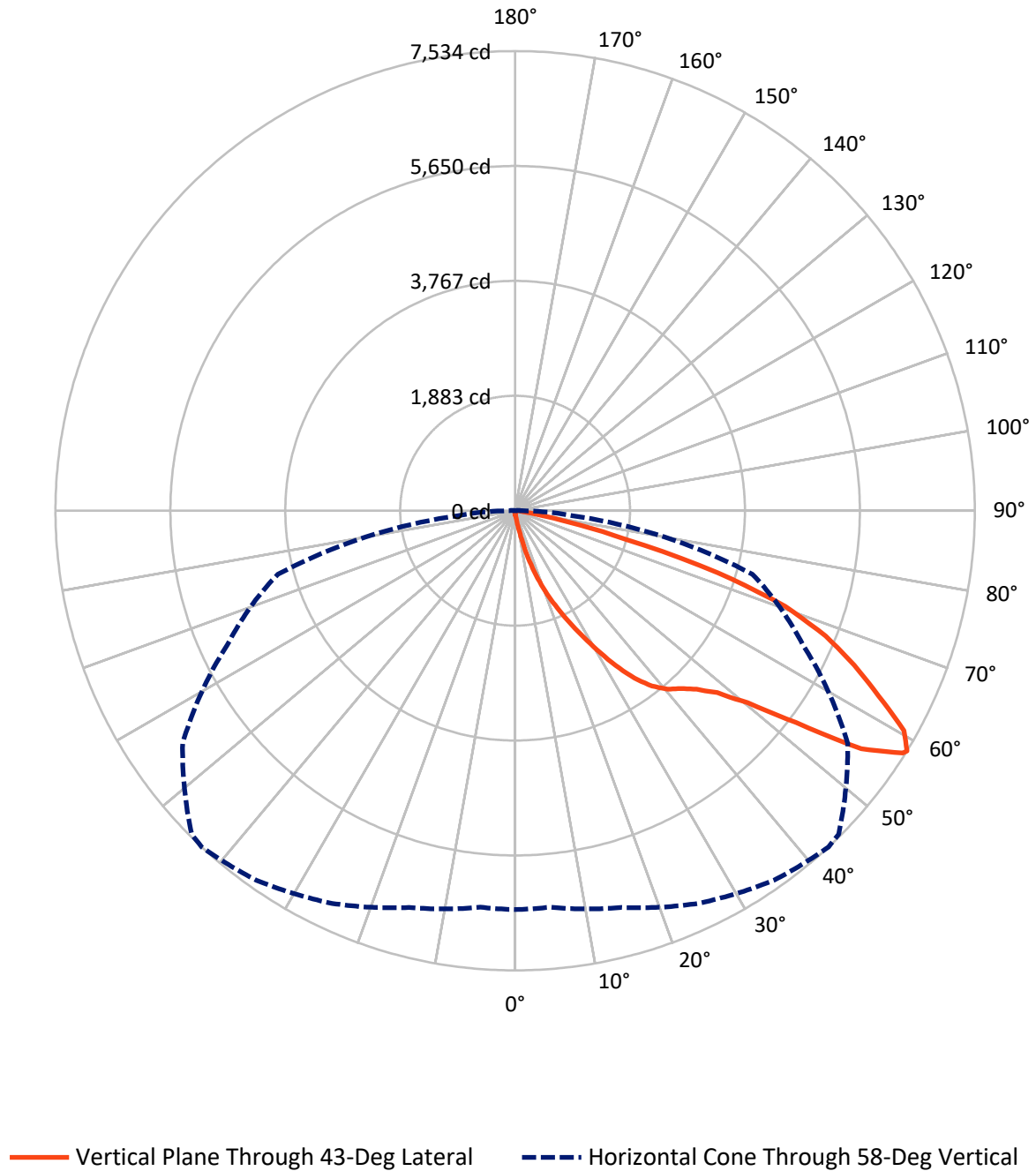


Based on 15 foot mounting height. Maximum calculated value = 10.2 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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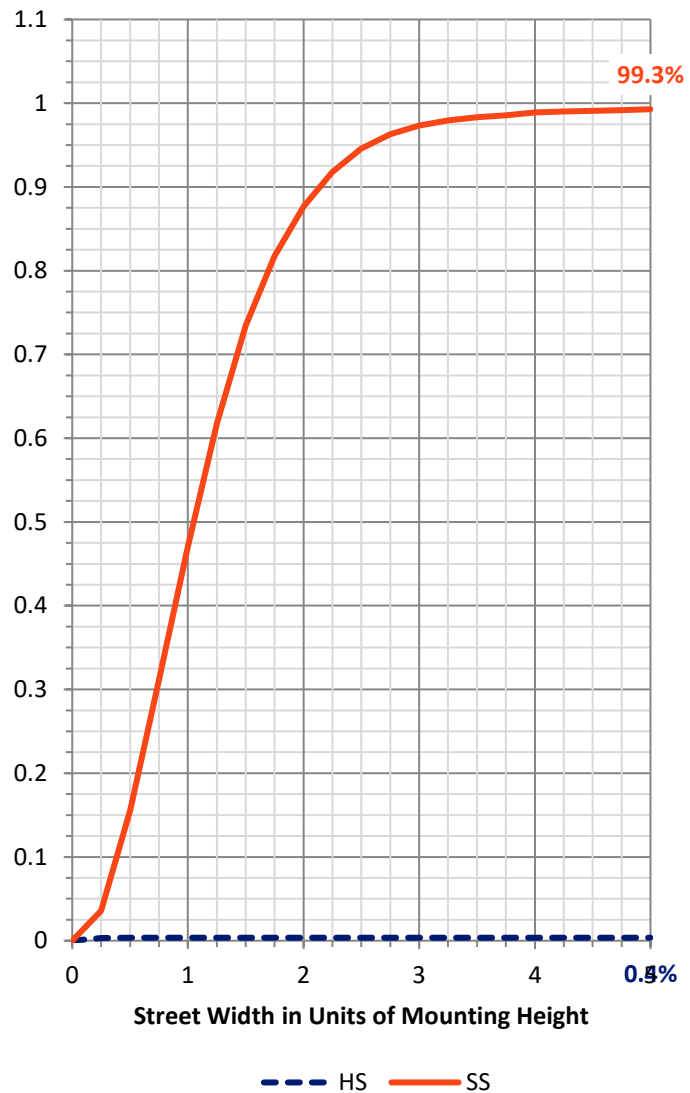
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	33.2	0.0	33.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	9065.3	0.0	9065.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	9098.5	0.0	9098.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.7	0.1
10°-20°	104.6	1.1
20°-30°	377.0	4.1
30°-40°	862.5	9.5
40°-50°	1454.7	16.0
50°-60°	2400.5	26.4
60°-70°	2682.9	29.5
70°-80°	1107.7	12.2
80°-90°	99.9	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°	9098.5	100.0
0°-180°	9098.5	100.0



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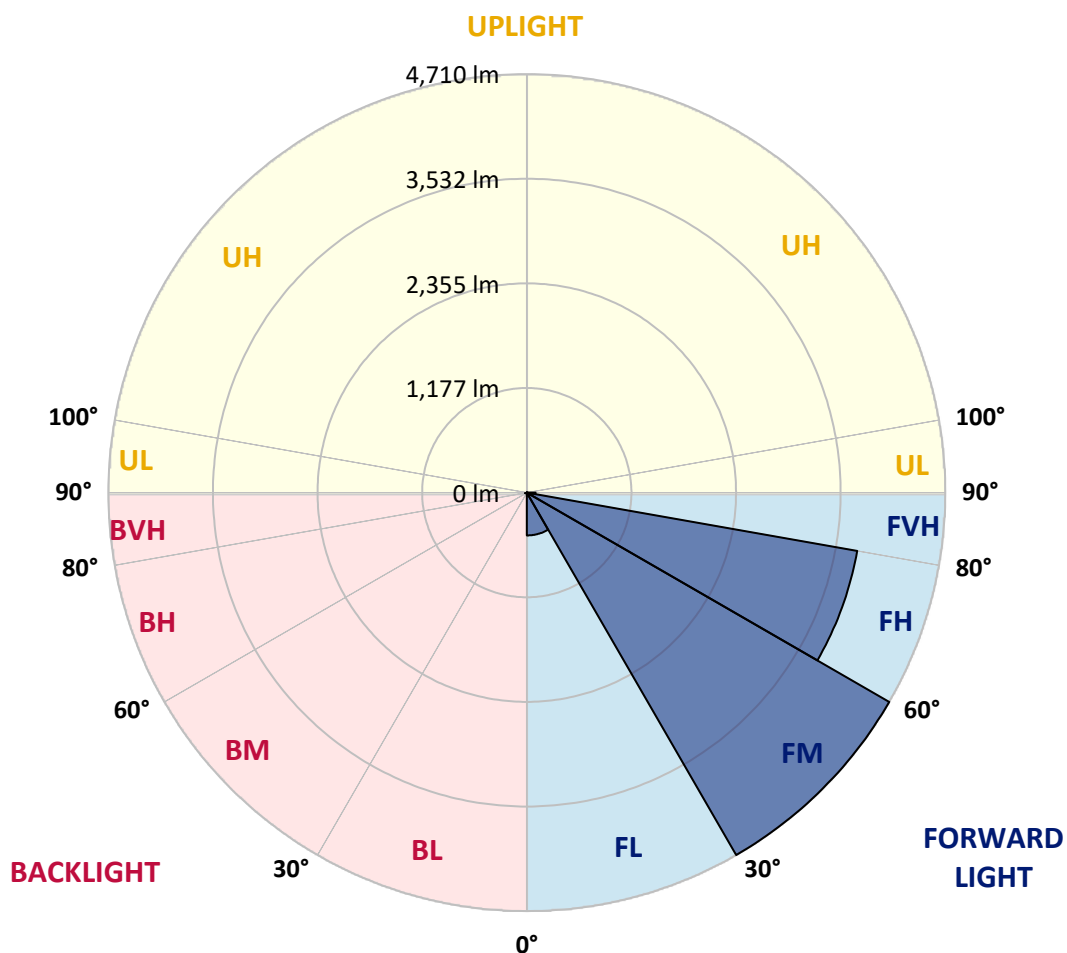
CATALOG NUMBER: GLAN-SA3A-950-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	481.6	5.3			
FM	(30°-60°)	4709.7	51.8			
FH	(60°-80°)	3775.5	41.5			G2/5000
FVH	(80°-90°)	98.5	1.1			G1/100
BL	(0°-30°)	8.7	0.1	B0/110		
BM	(30°-60°)	8.0	0.1	B0/220		
BH	(60°-80°)	15.2	0.2	B0/110		G0/110
BVH	(80°-90°)	1.4	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°	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
2.5°	71.4	73.8	71.4	71.4	71.4	69.0	69.0	66.6	66.6	64.2	61.9
5°	104.7	104.7	97.6	92.8	88.0	85.7	83.3	78.5	73.8	69.0	64.2
7.5°	233.2	233.2	211.8	183.2	145.2	123.7	119.0	97.6	83.3	73.8	64.2
10°	556.8	556.8	509.2	430.7	333.1	247.5	221.3	140.4	99.9	78.5	66.6
12.5°	925.7	937.6	878.1	778.1	633.0	483.1	430.7	257.0	133.3	85.7	66.6
15°	1256.4	1227.9	1211.2	1116.0	978.0	799.6	732.9	433.1	192.7	97.6	66.6
17.5°	1480.1	1480.1	1456.3	1392.1	1266.0	1108.9	1054.2	699.6	311.7	111.8	69.0
20°	1741.9	1741.9	1699.1	1653.8	1542.0	1408.7	1356.4	994.7	483.1	142.8	69.0
22.5°	2058.4	2063.1	2015.5	1934.6	1827.6	1680.0	1634.8	1268.3	699.6	190.4	71.4
25°	2443.9	2448.6	2379.6	2303.5	2139.3	1979.9	1910.8	1582.5	963.7	266.5	71.4
27.5°	2869.8	2903.1	2800.8	2669.9	2496.2	2296.3	2244.0	1865.6	1225.5	376.0	76.1
30°	3400.5	3400.5	3264.9	3081.6	2893.6	2646.1	2579.5	2163.1	1503.9	521.1	80.9
32.5°	3857.4	3821.7	3648.0	3455.2	3255.3	3024.5	2953.1	2474.8	1789.5	702.0	90.4
35°	4207.2	4176.2	3962.1	3755.1	3581.3	3369.6	3283.9	2812.7	2091.7	906.6	104.7
37.5°	4507.0	4495.1	4204.8	3945.4	3831.2	3645.6	3569.4	3131.6	2389.1	1127.9	121.4
40°	4835.4	4797.3	4488.0	4166.7	3995.4	3845.5	3776.5	3388.6	2674.7	1387.3	145.2
42.5°	5116.2	5071.0	4792.6	4478.5	4185.8	3983.5	3916.9	3605.1	2953.1	1646.7	176.1
45°	5427.9	5404.1	5123.3	4885.4	4495.1	4171.5	4083.4	3778.9	3207.7	1956.1	216.5
47.5°	5896.7	5853.9	5592.1	5397.0	4944.9	4457.0	4330.9	3957.3	3452.8	2260.6	278.4
50°	6441.7	6413.1	6258.4	6103.7	5654.0	4944.9	4795.0	4214.3	3726.5	2622.4	359.3
52.5°	6886.6	6881.9	6900.9	6903.3	6563.0	5765.8	5542.2	4628.4	4040.6	2979.3	473.5
55°	6877.1	6898.5	7108.0	7348.3	7374.5	6886.6	6670.1	5325.6	4449.9	3419.5	633.0
57.5°	6620.1	6603.5	6824.8	7186.5	7441.1	7493.5	7457.8	6408.3	5066.2	3950.2	878.1
58°	6536.8	6522.6	6732.0	7100.8	7393.5	7533.9	7498.2	6653.4	5204.2	4026.3	944.7
60°	6234.6	6237.0	6360.7	6696.3	6989.0	7322.1	7355.4	7353.1	5892.0	4535.6	1280.2
62.5°	5834.9	5815.8	5930.0	6203.7	6460.7	6684.4	6741.5	7400.6	6898.5	5182.8	1920.4
65°	5282.8	5254.2	5375.6	5684.9	5961.0	6106.1	6108.5	6762.9	7372.1	5877.7	2834.1
67.5°	4257.2	4233.4	4476.1	4873.5	5299.4	5489.8	5575.5	5868.2	6972.3	6348.9	3357.7
70°	2608.1	2658.0	2996.0	3619.4	4347.6	4697.4	4825.9	4916.3	5937.2	6277.5	2808.0
72.5°	1204.1	1144.6	1432.5	1868.0	2698.5	3476.6	3609.9	3964.5	4706.9	5449.4	2094.1
75°	561.6	540.2	606.8	816.2	1223.1	1877.5	2120.2	3164.9	3609.9	3790.7	1511.1
77.5°	287.9	290.3	345.0	371.2	504.5	868.6	997.1	2082.2	2646.1	2115.5	1013.7
80°	126.1	130.9	133.3	145.2	204.6	335.5	378.4	966.1	1808.5	1078.0	554.5
82.5°	80.9	83.3	83.3	83.3	97.6	133.3	152.3	387.9	901.9	535.4	171.3
85°	42.8	42.8	47.6	59.5	69.0	80.9	85.7	123.7	297.5	159.4	40.5
87.5°	23.8	26.2	28.6	35.7	45.2	54.7	59.5	85.7	114.2	109.5	9.5
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-SA3A-950-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
2.5°	61.9	59.5	57.1	54.7	52.4	50.0	50.0	50.0	50.0	50.0	50.0
5°	59.5	57.1	54.7	50.0	45.2	42.8	40.5	38.1	38.1	38.1	38.1
7.5°	59.5	57.1	50.0	45.2	40.5	35.7	30.9	30.9	30.9	30.9	30.9
10°	59.5	54.7	47.6	40.5	33.3	28.6	26.2	23.8	23.8	23.8	23.8
12.5°	59.5	52.4	45.2	35.7	28.6	23.8	21.4	19.0	19.0	19.0	19.0
15°	59.5	52.4	42.8	33.3	26.2	19.0	16.7	14.3	14.3	14.3	14.3
17.5°	57.1	50.0	40.5	28.6	21.4	14.3	11.9	9.5	9.5	11.9	11.9
20°	54.7	47.6	35.7	23.8	16.7	11.9	7.1	7.1	7.1	7.1	7.1
22.5°	54.7	47.6	33.3	21.4	14.3	7.1	4.8	4.8	4.8	4.8	7.1
25°	54.7	45.2	28.6	16.7	9.5	4.8	2.4	2.4	2.4	2.4	2.4
27.5°	54.7	45.2	26.2	14.3	7.1	4.8	2.4	0.0	0.0	0.0	0.0
30°	52.4	42.8	23.8	11.9	4.8	2.4	0.0	0.0	0.0	0.0	0.0
32.5°	52.4	40.5	19.0	9.5	4.8	2.4	0.0	0.0	0.0	0.0	0.0
35°	54.7	38.1	16.7	7.1	2.4	0.0	0.0	0.0	0.0	0.0	2.4
37.5°	57.1	35.7	14.3	4.8	2.4	0.0	0.0	0.0	0.0	0.0	0.0
40°	59.5	33.3	14.3	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	64.2	33.3	11.9	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	69.0	33.3	9.5	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	78.5	35.7	9.5	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	85.7	38.1	7.1	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	95.2	35.7	7.1	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	107.1	35.7	7.1	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	116.6	33.3	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	121.4	30.9	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	145.2	28.6	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	226.1	23.8	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	459.3	21.4	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	856.7	19.0	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	959.0	21.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	604.4	16.7	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	318.9	16.7	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	159.4	16.7	2.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	73.8	11.9	2.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	30.9	7.1	4.8	2.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0
85°	14.3	7.1	4.8	4.8	2.4	2.4	0.0	0.0	0.0	0.0	0.0
87.5°	7.1	7.1	7.1	4.8	4.8	2.4	2.4	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

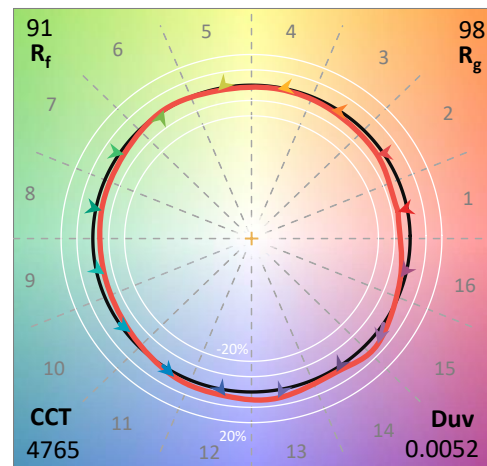
Test Information

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

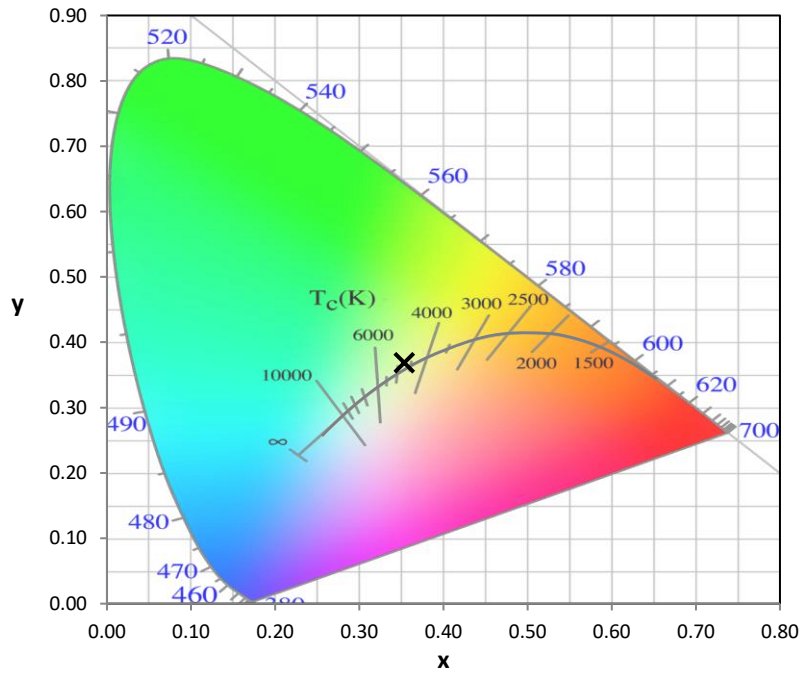
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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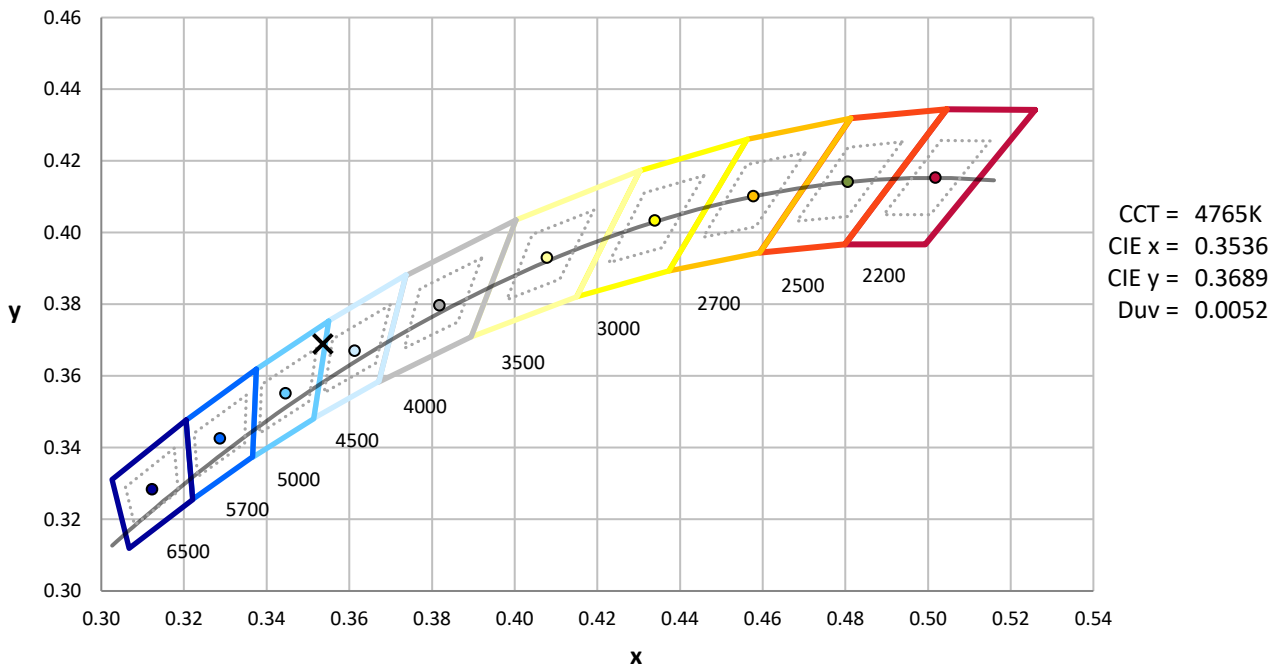
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



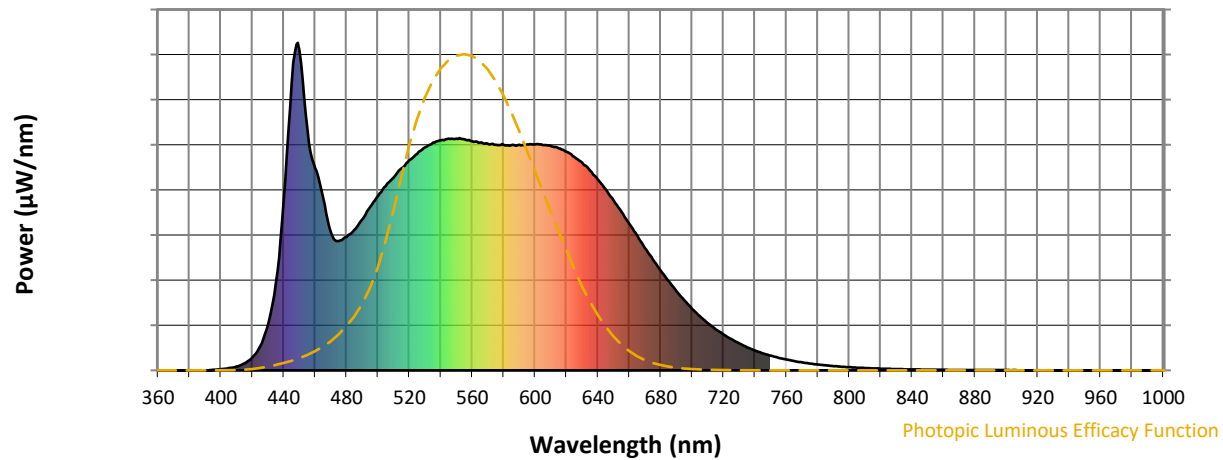
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 7-step quadrangle

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Photopic Flux vs. Wavelength

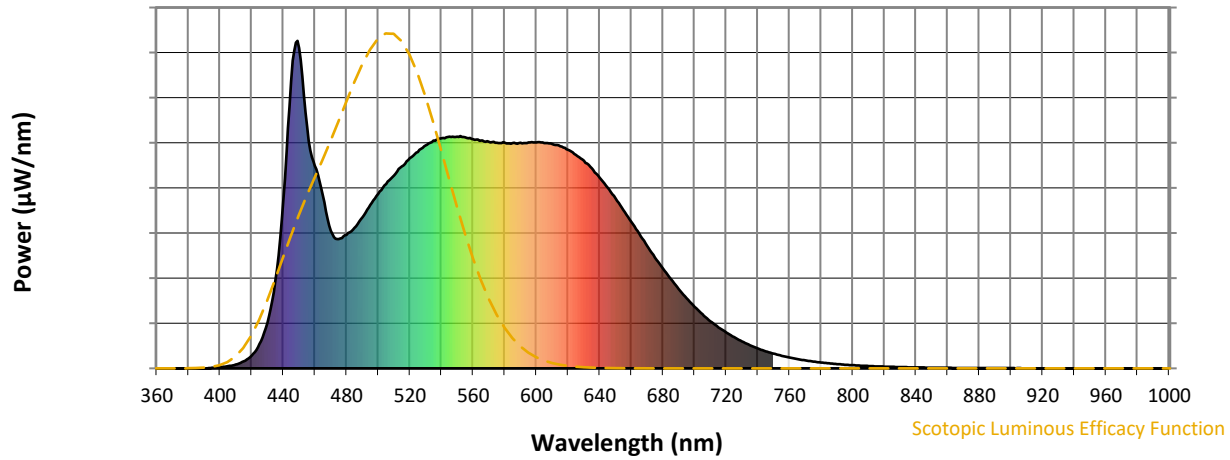


Photopic Lumens: NR

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



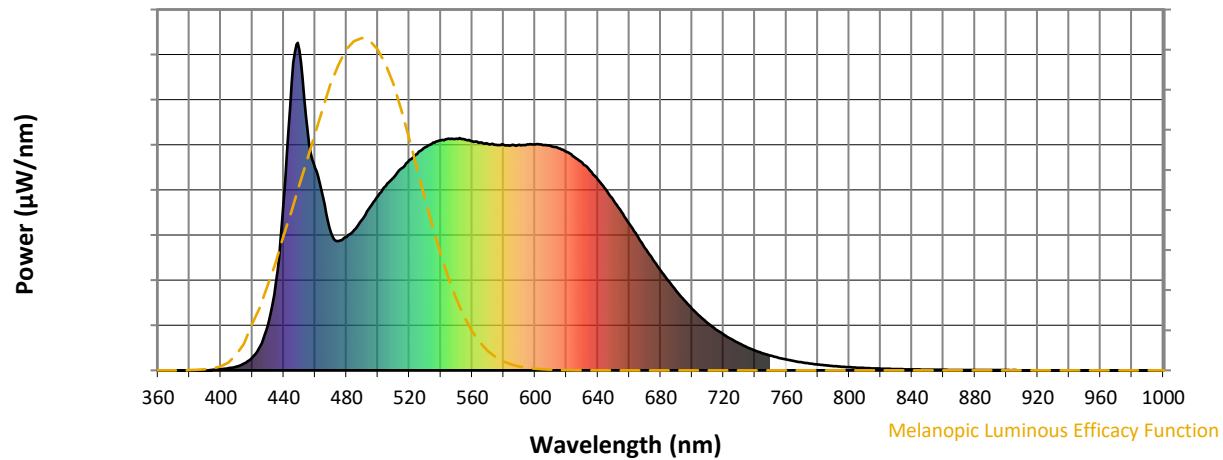
Scotopic Lumens: NR

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

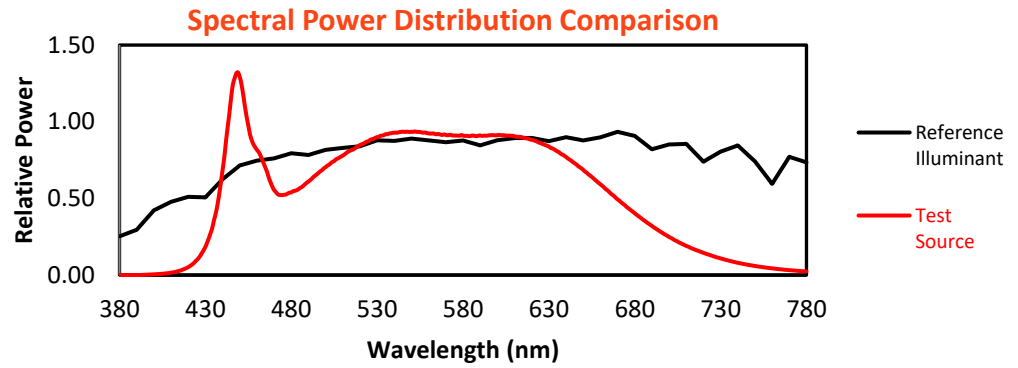
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	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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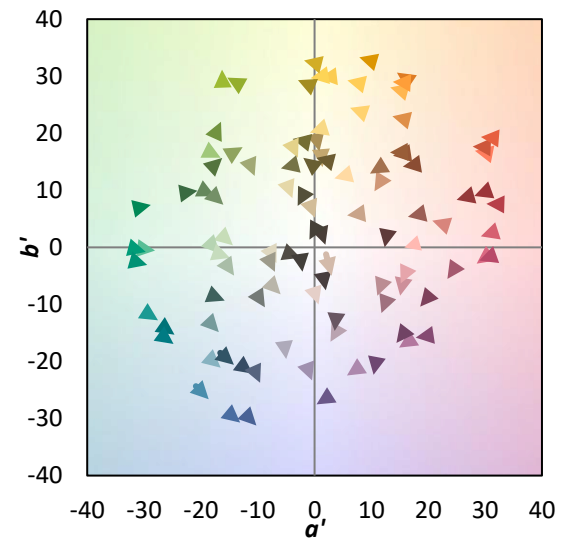
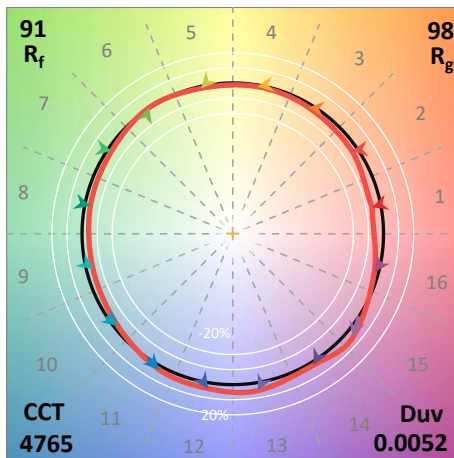
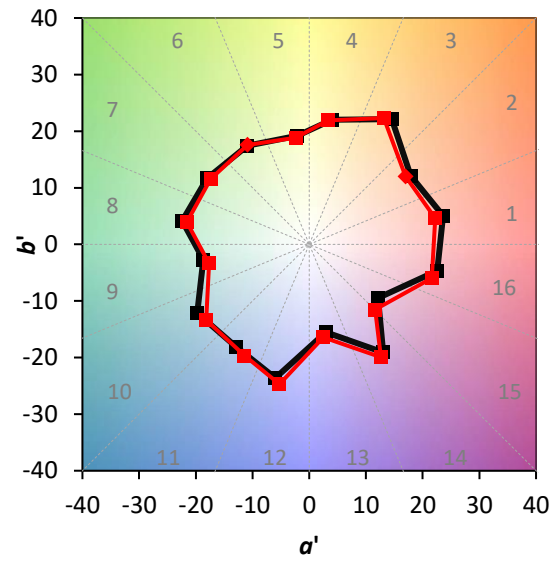
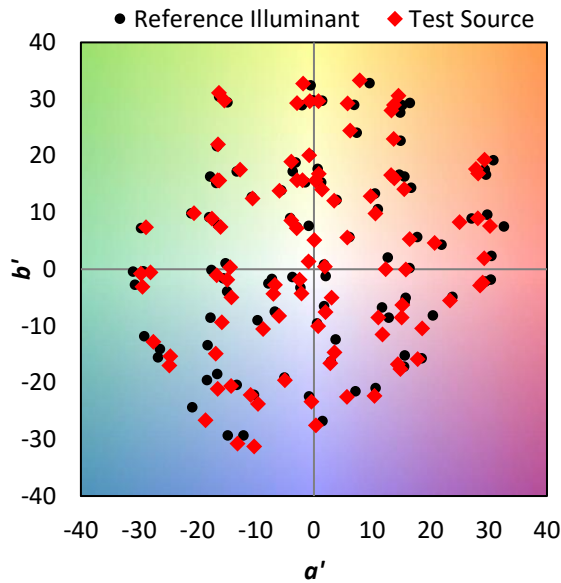
TM-30-18

Summary

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

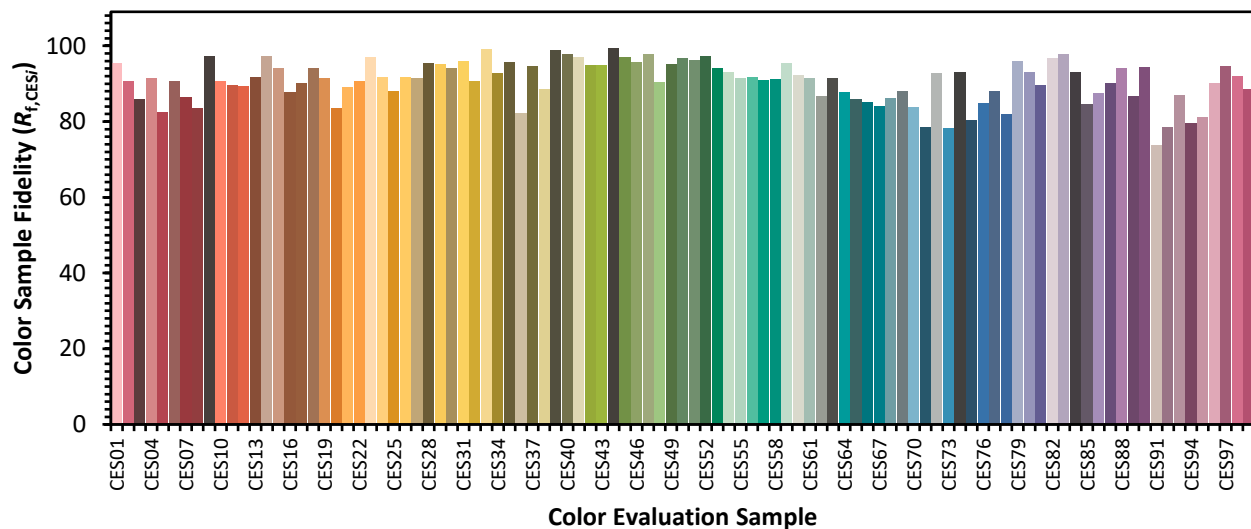


Color Vector Graphics

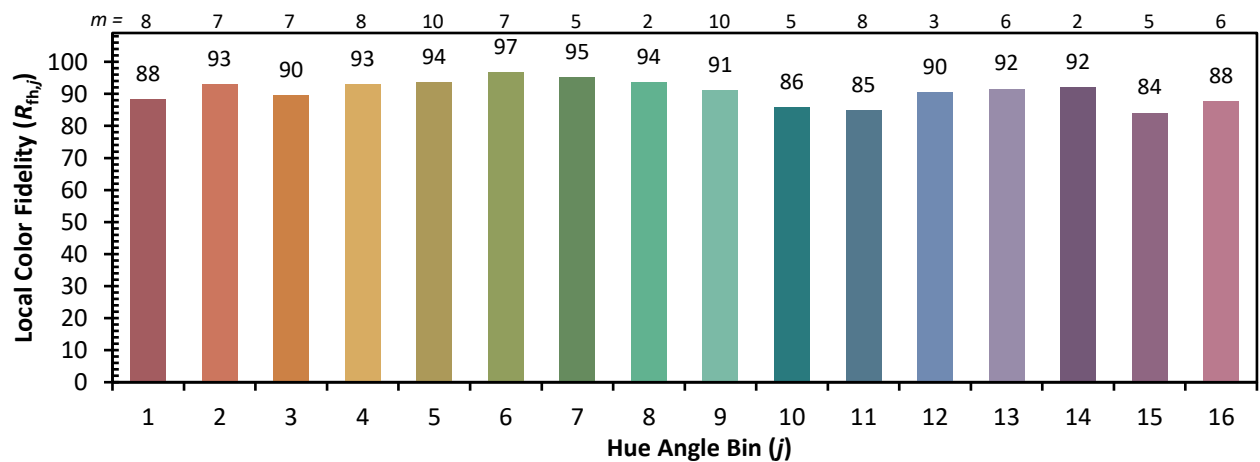
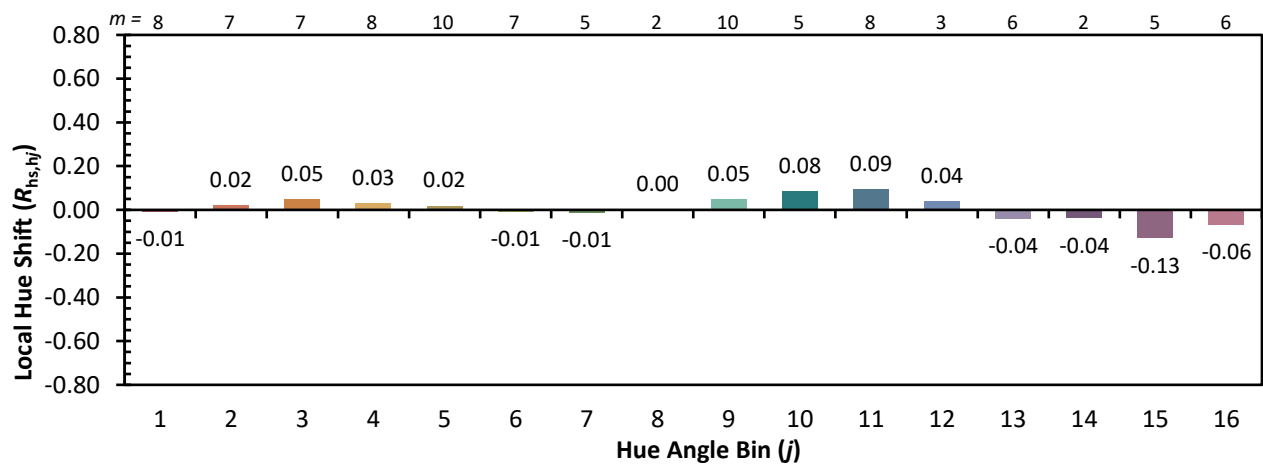
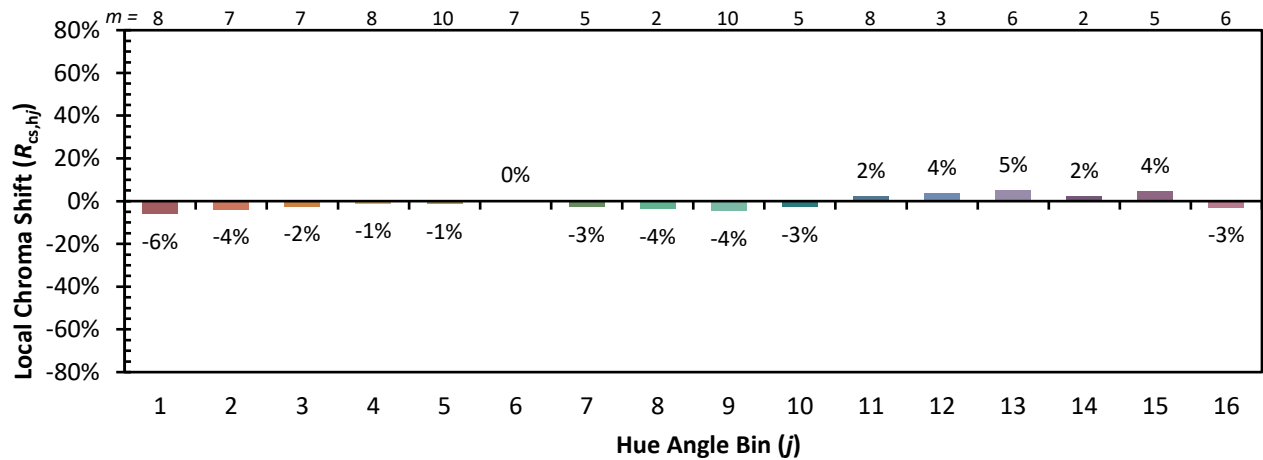


Individual Sample Fidelity Index ($R_{f,i}$)

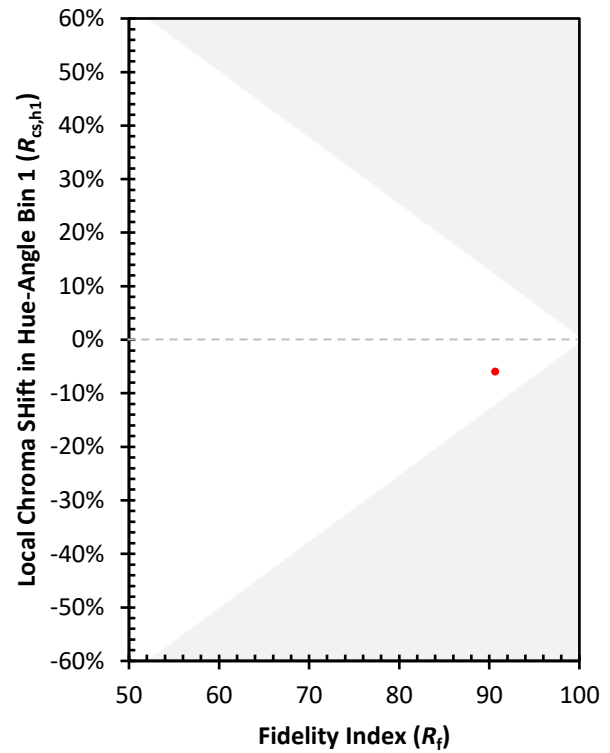
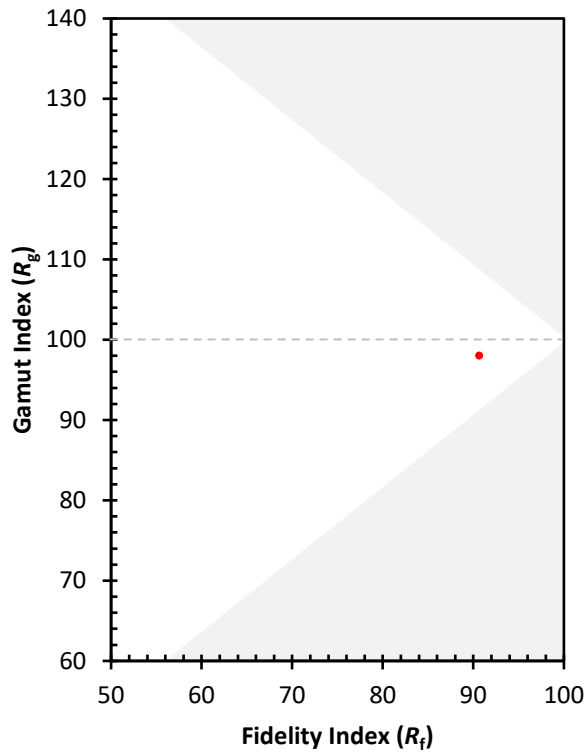
CES01 = 85	CES26 = 92	CES51 = 96	CES76 = 85
CES02 = 60	CES27 = 92	CES52 = 97	CES77 = 88
CES03 = 31	CES28 = 95	CES53 = 94	CES78 = 82
CES04 = 69	CES29 = 95	CES54 = 93	CES79 = 96
CES05 = 48	CES30 = 94	CES55 = 92	CES80 = 93
CES06 = 50	CES31 = 96	CES56 = 92	CES81 = 89
CES07 = 41	CES32 = 91	CES57 = 91	CES82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