

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: P1063853

Luminaire Tested: **GLAN-SA5A-950-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1063853
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA5A-950-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 5xLight Square PACKAGE
90CRI 5000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (70) 5000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14032.8 lumens
Efficiency: N/A
Efficacy: 102.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 136.6
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

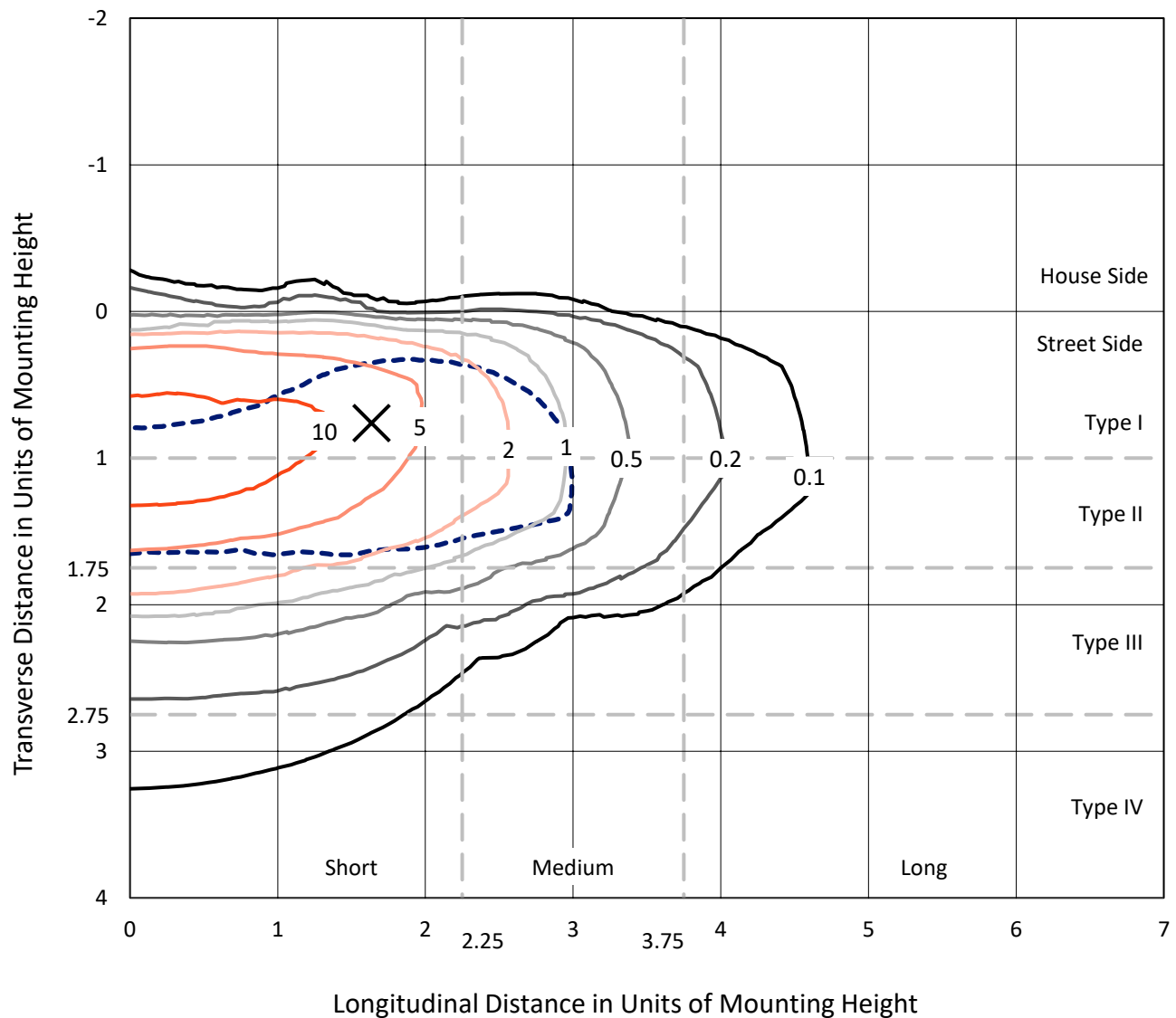


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

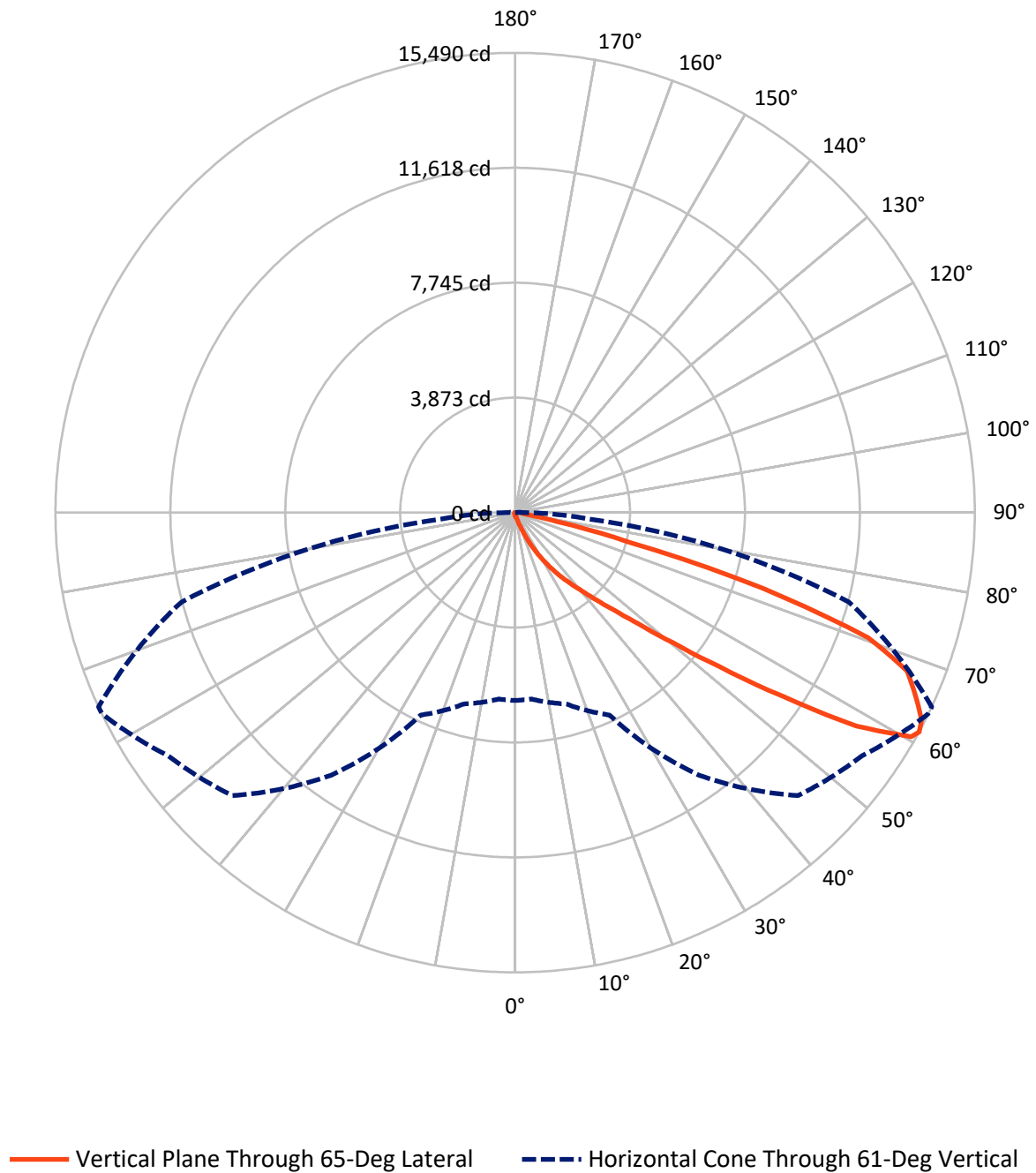


Based on 15 foot mounting height. Maximum calculated value = 18.6 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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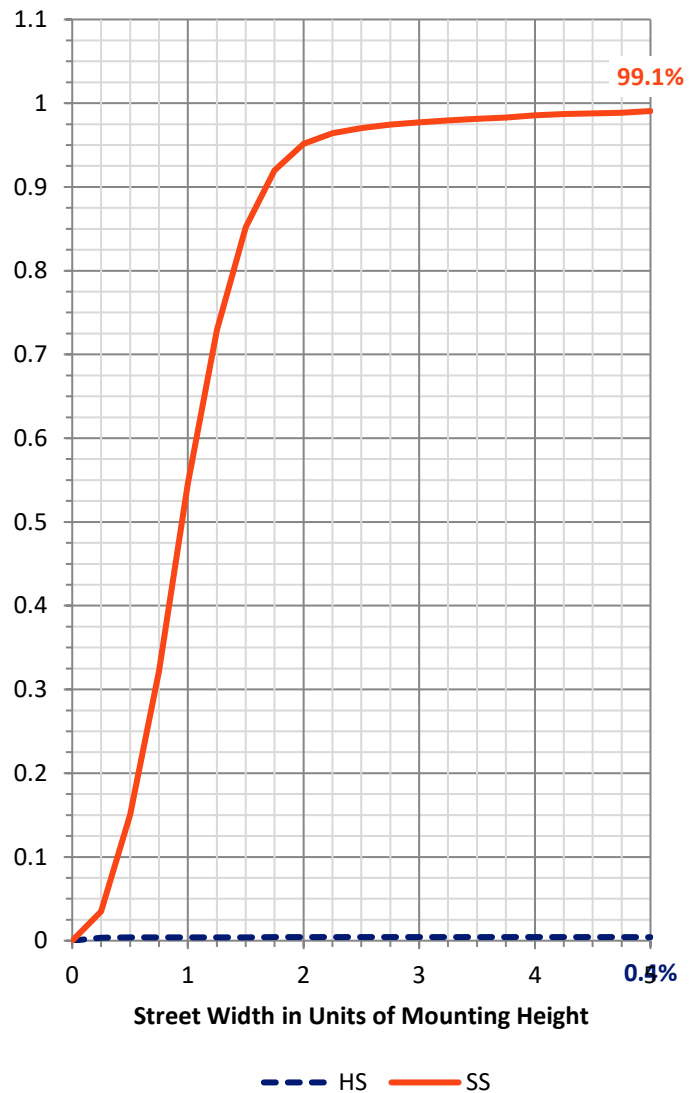
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	59.9	0.0	59.9
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	13972.9	0.0	13972.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	14032.8	0.0	14032.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.9	0.1
10°-20°	115.4	0.8
20°-30°	414.1	3.0
30°-40°	1102.6	7.9
40°-50°	2896.4	20.6
50°-60°	4487.1	32.0
60°-70°	3762.4	26.8
70°-80°	1107.2	7.9
80°-90°	136.6	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°	14032.8	100.0
0°-180°	14032.8	100.0



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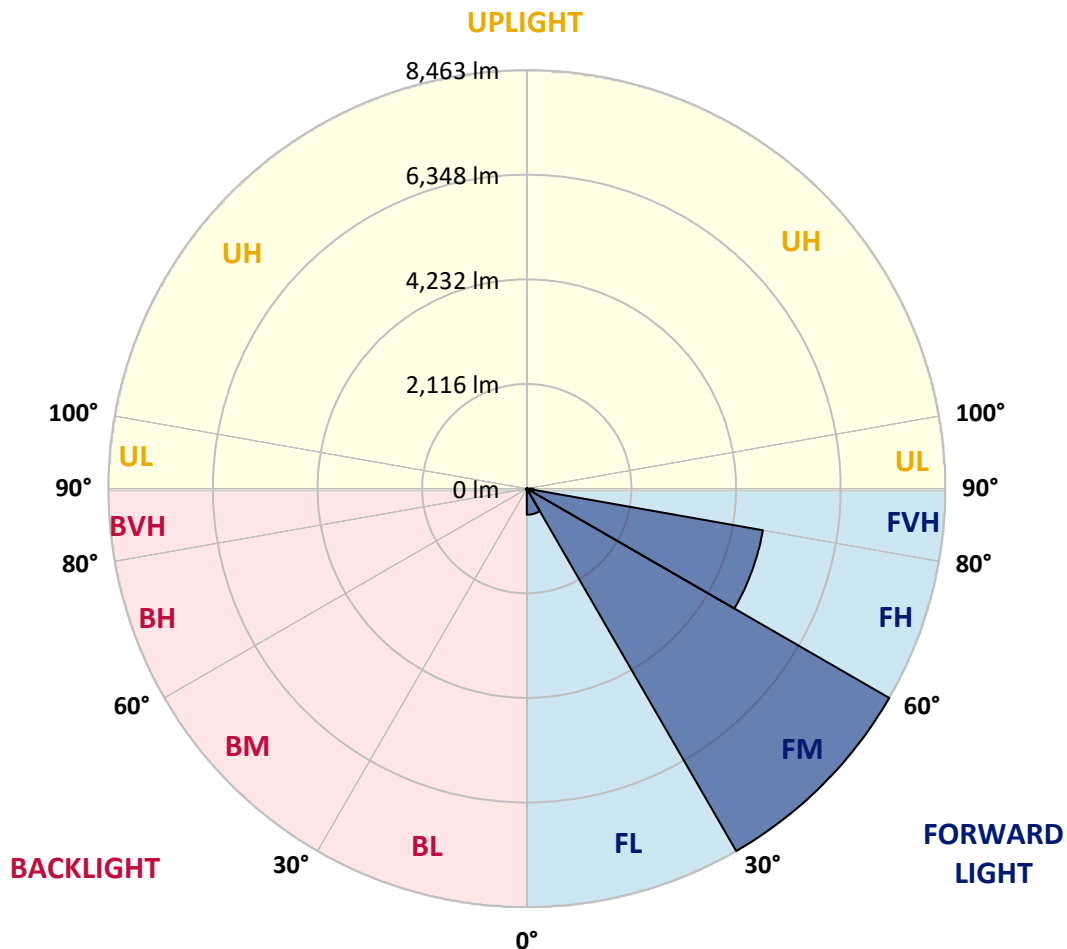
CATALOG NUMBER: GLAN-SA5A-950-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	527.0	3.8			
FM	(30°-60°)	8463.3	60.3			
FH	(60°-80°)	4848.5	34.6			G2/5000
FVH	(80°-90°)	134.0	1.0			G2/225
BL	(0°-30°)	13.4	0.1	B0/110		
BM	(30°-60°)	22.8	0.2	B0/220		
BH	(60°-80°)	21.1	0.2	B0/110		G0/110
BVH	(80°-90°)	2.5	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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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
2.5°	104.3	105.2	103.3	99.4	96.5	96.5	95.6	92.7	92.7	89.8	87.8
5°	145.8	143.8	140.0	132.2	125.5	118.7	112.0	105.2	104.3	95.6	89.8
7.5°	238.4	240.4	227.8	203.7	183.4	157.3	133.2	118.7	116.8	102.3	90.7
10°	523.2	508.7	479.8	386.1	317.6	239.4	177.6	138.0	136.1	110.0	92.7
12.5°	953.7	942.1	889.0	792.5	615.9	428.6	259.7	170.9	165.1	116.8	93.6
15°	1374.6	1356.3	1327.3	1229.8	1023.2	768.4	424.7	233.6	218.2	126.5	92.7
17.5°	1642.9	1645.8	1619.8	1578.3	1445.1	1137.1	733.6	348.5	318.5	143.8	90.7
20°	1877.5	1870.8	1885.2	1863.0	1769.4	1545.4	1067.6	552.2	501.0	171.8	91.7
22.5°	2147.8	2164.2	2174.8	2170.0	2066.7	1875.6	1447.0	826.3	761.6	223.0	94.6
25°	2509.8	2507.9	2508.8	2496.3	2395.9	2183.5	1827.3	1167.1	1101.4	306.0	101.4
27.5°	2889.2	2900.7	2905.6	2860.2	2728.9	2520.4	2179.7	1539.7	1462.4	439.2	110.0
30°	3407.5	3397.9	3375.7	3283.0	3123.7	2865.0	2527.2	1930.6	1849.5	625.5	123.6
32.5°	4106.4	4095.8	3983.8	3779.2	3540.7	3224.1	2876.6	2322.5	2224.1	858.2	141.9
35°	5258.0	5274.4	4999.3	4469.4	4041.7	3655.6	3263.7	2712.5	2625.6	1144.8	167.0
37.5°	7021.6	6931.8	6558.3	5621.9	4701.0	4194.2	3633.4	3106.3	3031.1	1498.2	199.8
40°	8735.0	8646.2	8538.1	7651.0	5846.8	4787.9	4150.8	3568.7	3471.2	1896.8	248.1
42.5°	10536.3	10487.1	10482.2	9813.3	7937.7	5721.4	4773.4	4110.3	4027.2	2334.1	327.2
45°	11812.4	11763.2	11866.5	11983.3	10785.3	7721.5	5857.5	4814.0	4693.3	2865.0	453.7
47.5°	11984.2	11986.2	12262.2	12628.1	12901.3	10815.3	7301.6	5746.4	5599.7	3624.7	666.1
50°	11412.8	11435.0	11874.2	12528.7	13264.2	13411.0	9848.0	7099.8	6882.6	4525.3	967.2
52.5°	10324.9	10350.0	10962.0	12038.3	12930.2	14034.5	12846.3	8870.2	8620.2	5649.0	1392.0
55°	9345.1	9360.5	10062.3	11422.4	12527.7	13695.7	14626.3	11234.2	10906.0	7031.3	1810.9
57.5°	8375.0	8339.3	8795.8	10352.9	12459.2	13279.7	14888.8	13928.4	13566.4	8542.0	2137.2
60°	7077.6	7017.8	7384.6	8375.0	11557.6	13552.9	14397.5	15418.8	15336.7	10645.4	2389.1
61°	6331.4	6306.3	6675.1	7524.5	10798.8	13483.4	14279.7	15481.5	15490.2	11640.6	2502.1
62.5°	4521.5	4592.9	5156.6	6261.0	9044.9	13032.6	14295.2	15287.5	15373.4	12963.1	2794.6
65°	2009.8	2124.6	2562.9	3461.6	5259.9	10841.3	14158.1	14861.8	14819.3	13326.0	3802.3
67.5°	1192.1	1209.5	1427.7	1961.5	2785.9	5831.4	12493.9	14299.0	14242.1	11601.0	4730.9
70°	939.2	947.9	1017.4	1230.8	1616.9	2233.7	7130.7	12371.3	12619.4	9406.9	4631.5
72.5°	891.0	889.0	898.7	936.3	1018.4	1108.2	2760.8	8223.4	8728.3	6774.5	3883.4
75°	879.4	875.5	865.9	851.4	737.5	652.5	855.3	3637.3	3929.7	4628.6	2923.9
77.5°	853.3	854.3	856.2	816.6	632.3	461.4	414.1	1167.1	1435.4	2937.4	2078.3
80°	577.3	585.9	600.4	585.0	568.6	334.0	292.5	415.1	420.9	1648.7	1372.7
82.5°	292.5	292.5	285.7	254.8	220.1	217.2	232.6	301.2	305.0	834.0	645.8
85°	176.7	186.3	190.2	172.8	158.3	145.8	177.6	239.4	248.1	323.4	150.6
87.5°	39.6	40.5	44.4	58.9	85.9	116.8	165.1	219.1	223.0	207.5	18.3
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-SA5A-950-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
2.5°	86.9	84.9	84.0	81.1	78.2	75.3	73.4	72.4	73.4	74.3	74.3
5°	85.9	83.0	78.2	73.4	69.5	65.6	61.8	60.8	60.8	61.8	61.8
7.5°	85.9	81.1	74.3	68.5	62.7	57.0	54.1	52.1	53.1	53.1	53.1
10°	85.9	80.1	71.4	62.7	56.0	49.2	44.4	42.5	42.5	42.5	42.5
12.5°	84.9	79.2	68.5	57.9	48.3	40.5	34.8	31.9	32.8	32.8	32.8
15°	83.0	76.3	64.7	49.2	38.6	30.9	25.1	22.2	23.2	25.1	26.1
17.5°	80.1	73.4	57.9	41.5	30.9	23.2	17.4	15.4	16.4	19.3	19.3
20°	79.2	70.5	51.2	33.8	23.2	16.4	11.6	9.7	10.6	14.5	15.4
22.5°	79.2	68.5	46.3	28.0	17.4	10.6	6.8	3.9	3.9	6.8	6.8
25°	80.1	67.6	42.5	23.2	12.5	7.7	3.9	1.9	3.9	10.6	12.5
27.5°	82.1	66.6	40.5	19.3	9.7	6.8	2.9	6.8	11.6	11.6	11.6
30°	84.0	64.7	37.6	16.4	8.7	4.8	4.8	9.7	9.7	11.6	12.5
32.5°	86.9	63.7	35.7	14.5	6.8	3.9	6.8	5.8	5.8	6.8	7.7
35°	92.7	64.7	33.8	14.5	6.8	4.8	5.8	2.9	1.9	1.9	1.9
37.5°	100.4	65.6	30.9	12.5	5.8	5.8	2.9	0.0	0.0	0.0	0.0
40°	112.9	68.5	29.0	11.6	4.8	4.8	1.0	0.0	0.0	0.0	0.0
42.5°	134.2	74.3	28.0	10.6	4.8	3.9	0.0	0.0	0.0	0.0	0.0
45°	176.7	87.8	26.1	9.7	4.8	1.9	0.0	0.0	0.0	0.0	0.0
47.5°	253.9	119.7	25.1	7.7	2.9	0.0	0.0	0.0	0.0	0.0	0.0
50°	370.7	162.2	24.1	6.8	1.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	473.0	170.9	16.4	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	484.6	117.8	12.5	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	386.1	76.3	10.6	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	292.5	57.9	9.7	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	280.9	52.1	9.7	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	309.9	45.4	8.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	503.9	37.6	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	875.5	32.8	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1106.2	30.9	5.8	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	964.3	28.0	5.8	1.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	580.1	24.1	5.8	3.9	1.9	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	304.1	18.3	5.8	4.8	2.9	1.0	0.0	0.0	0.0	0.0	0.0
80°	147.7	16.4	6.8	4.8	3.9	1.9	0.0	0.0	0.0	0.0	0.0
82.5°	57.9	13.5	7.7	6.8	4.8	2.9	1.0	0.0	0.0	0.0	0.0
85°	26.1	11.6	8.7	7.7	6.8	3.9	1.0	0.0	0.0	0.0	0.0
87.5°	13.5	10.6	9.7	8.7	6.8	4.8	1.9	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

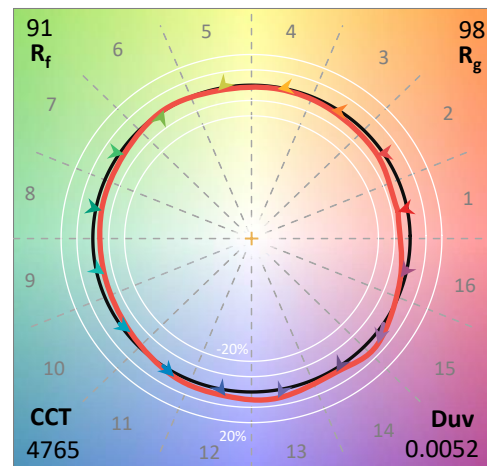
Test Information

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

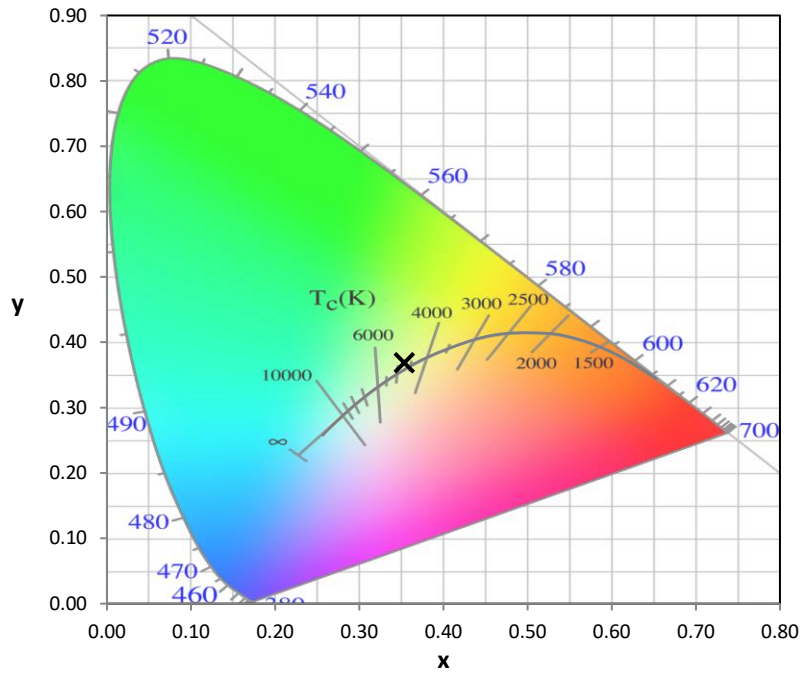
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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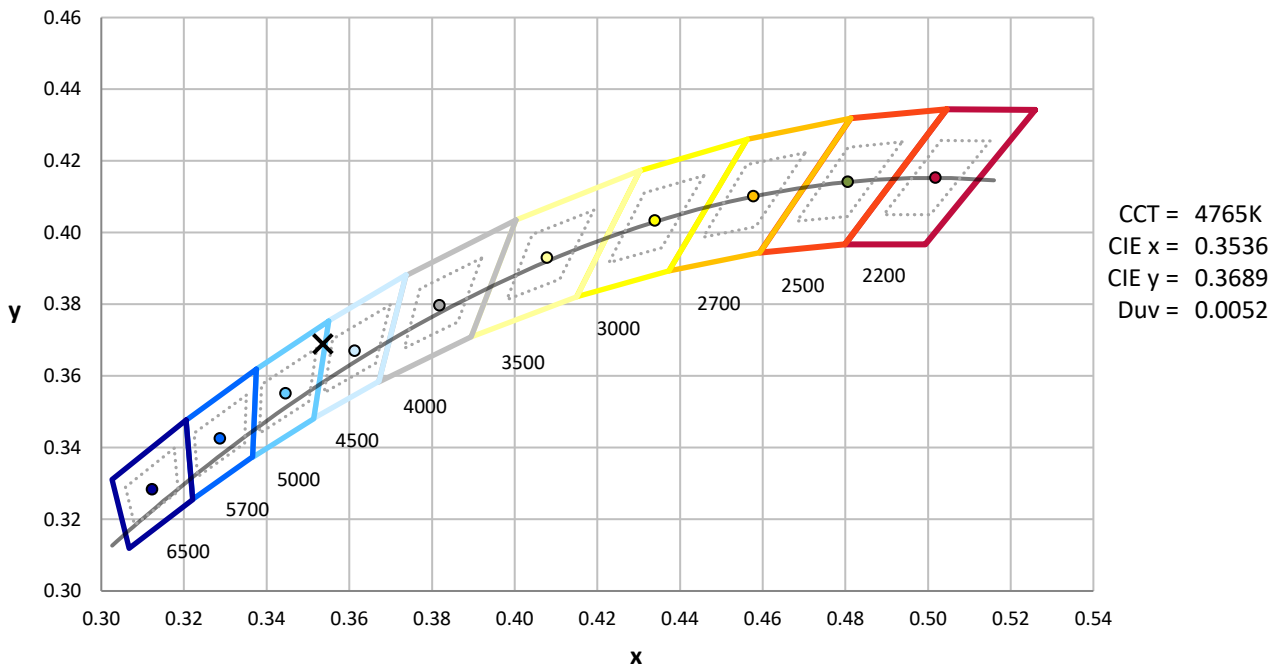
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



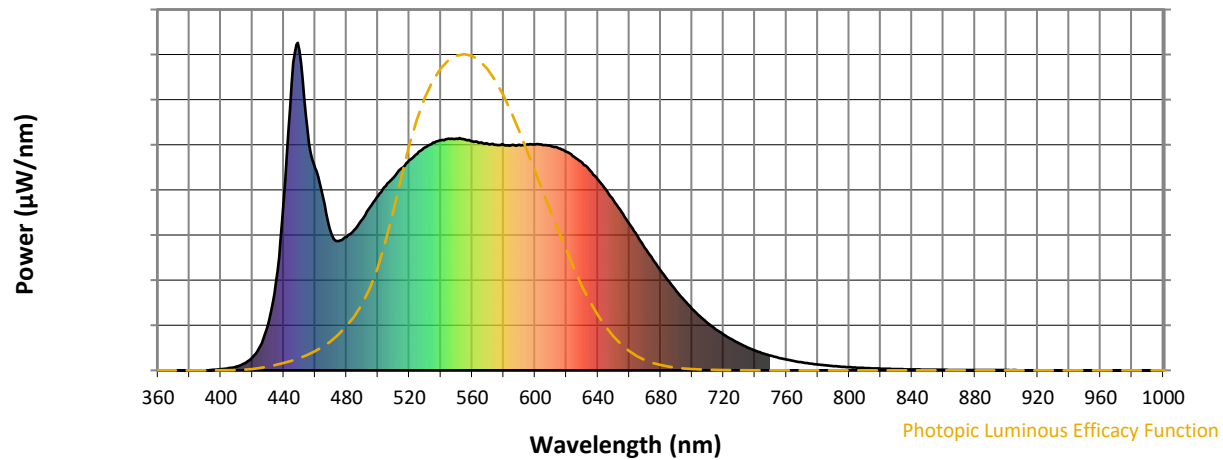
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 7-step quadrangle

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Photopic Flux vs. Wavelength

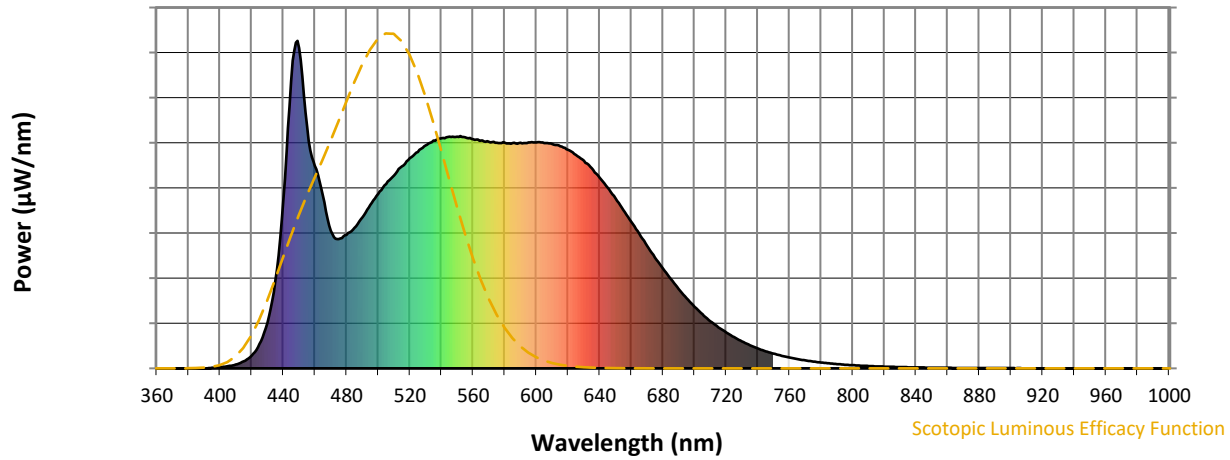


Photopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-17

Scotopic Flux vs. Wavelength



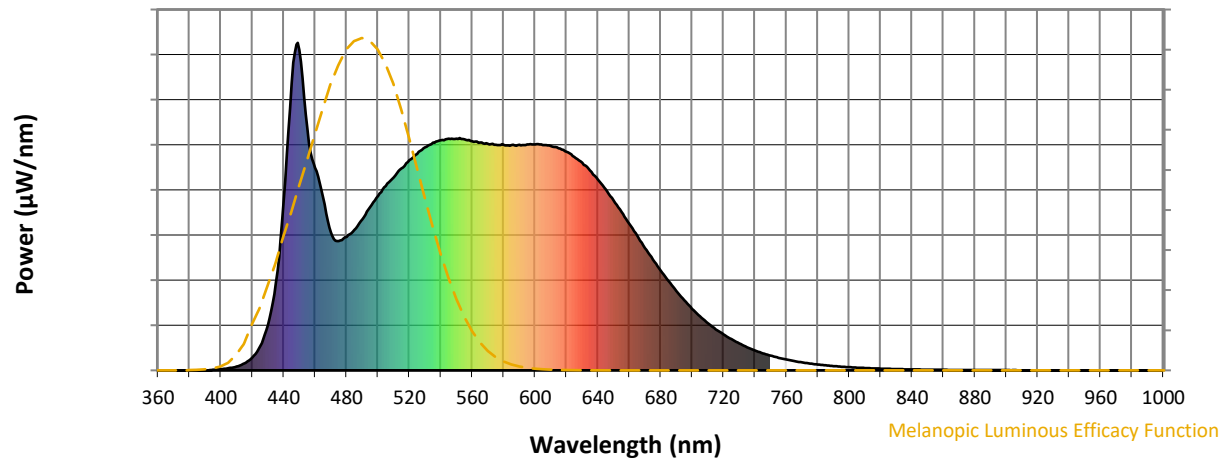
Scotopic Lumens: NR

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

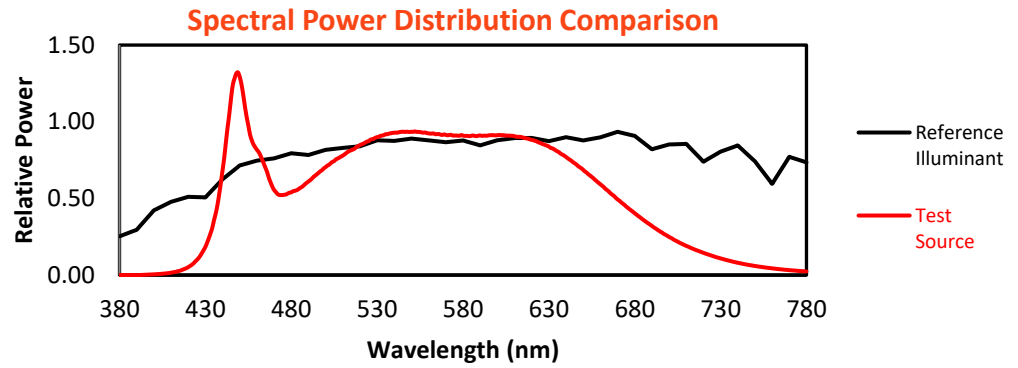
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	462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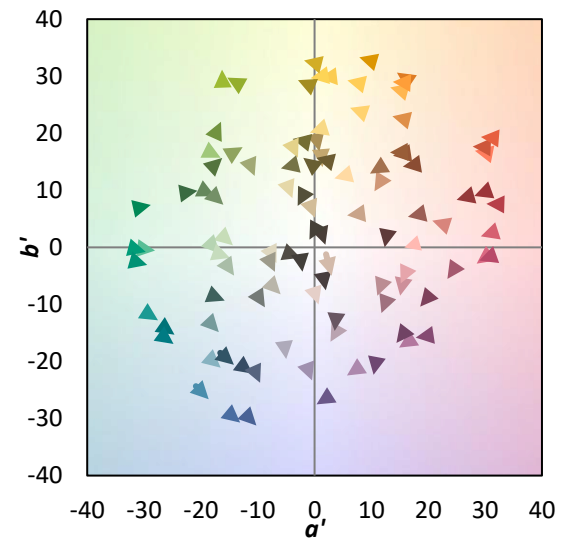
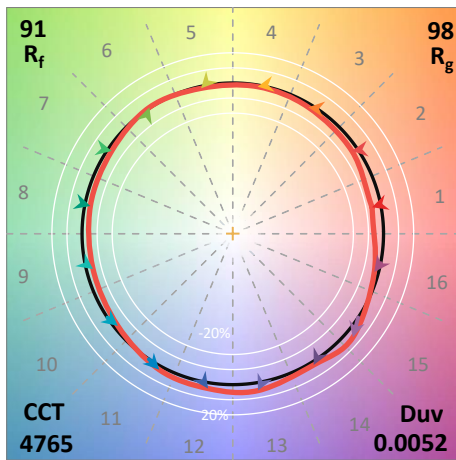
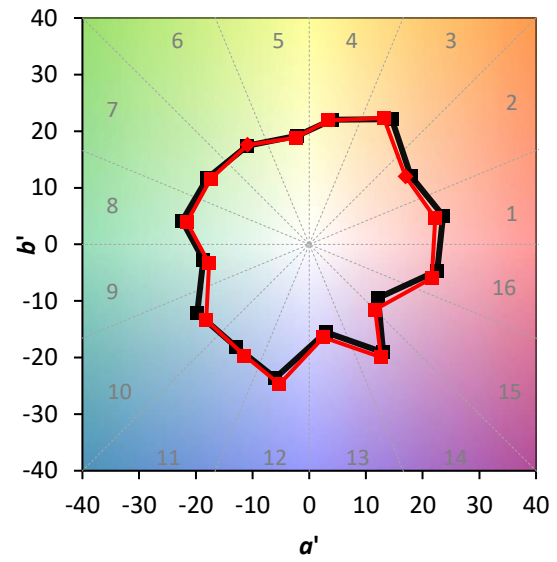
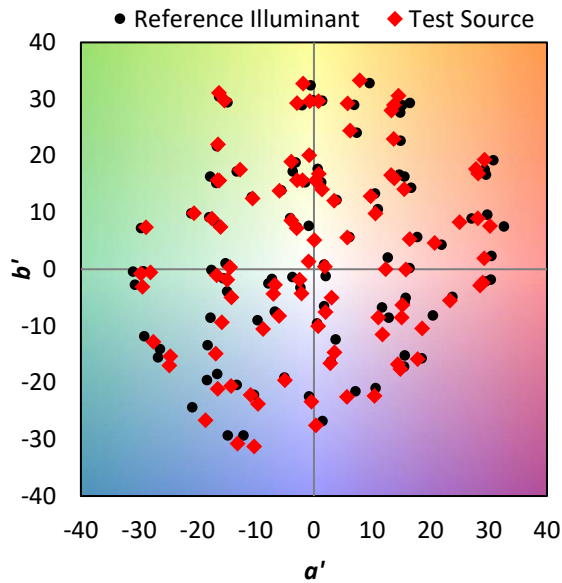
TM-30-18

Summary

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

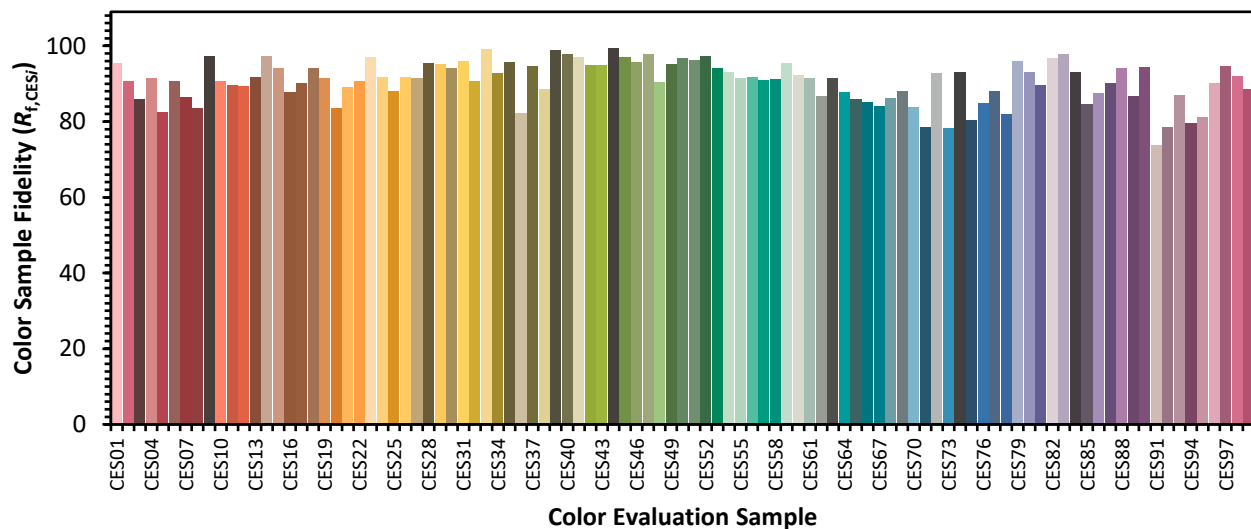


Color Vector Graphics

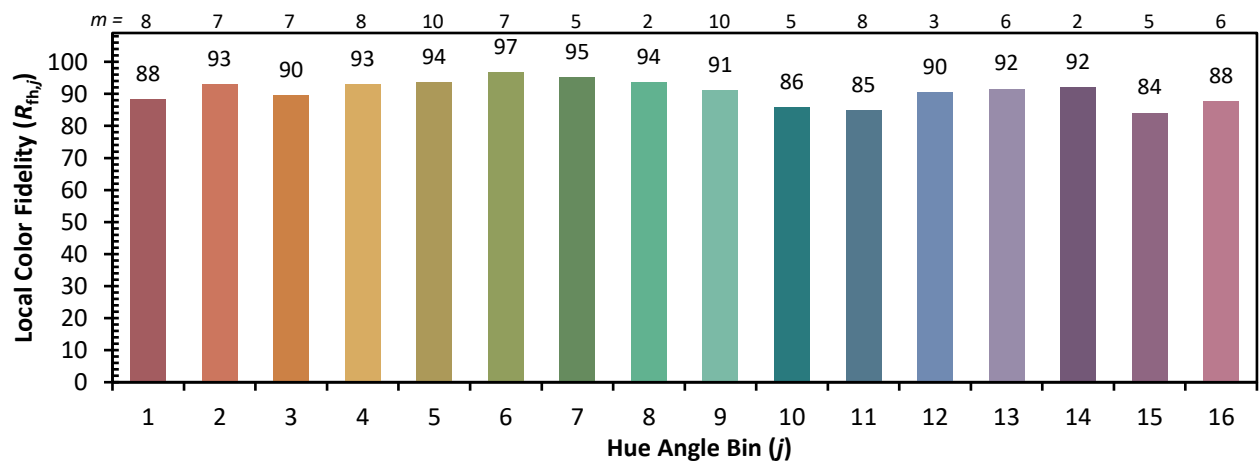
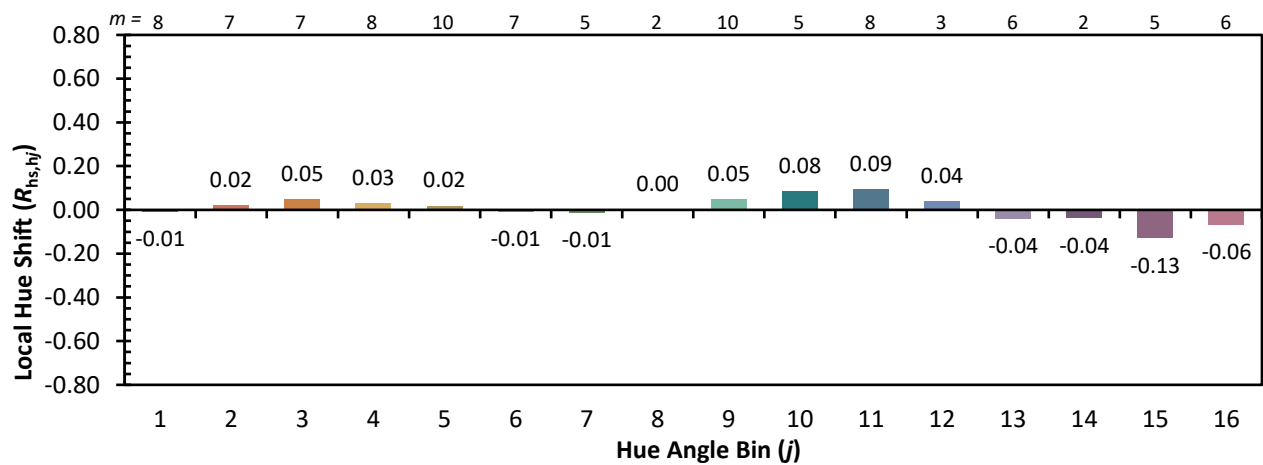
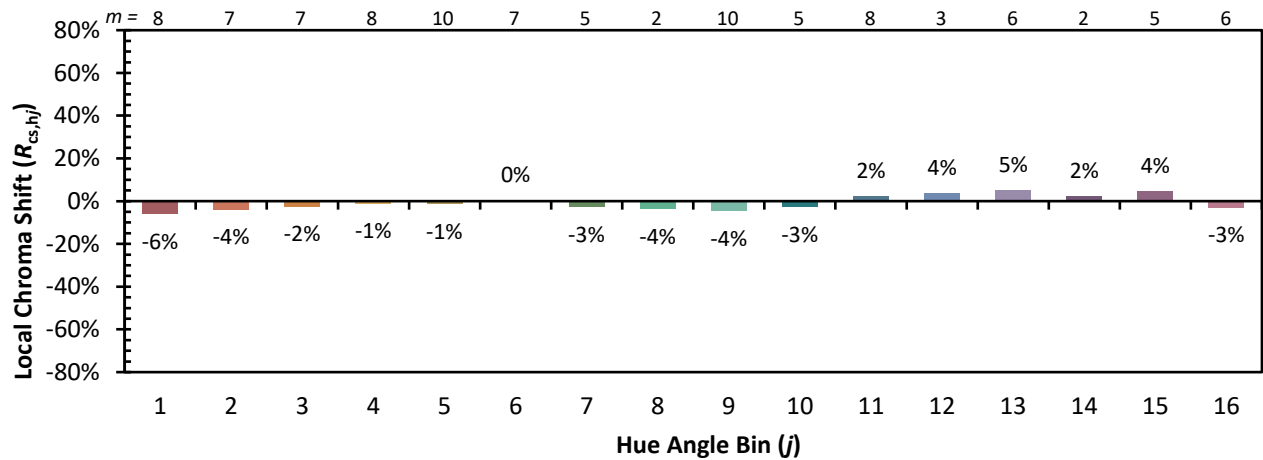


Individual Sample Fidelity Index ($R_{f,i}$)

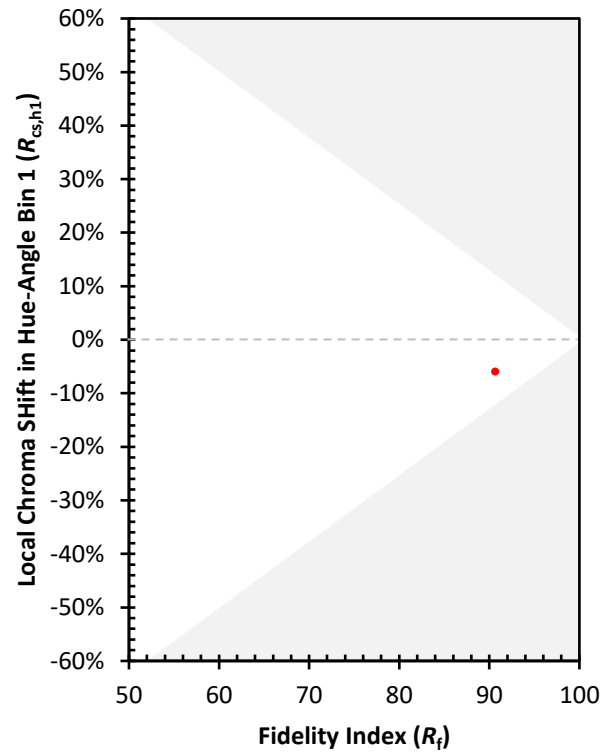
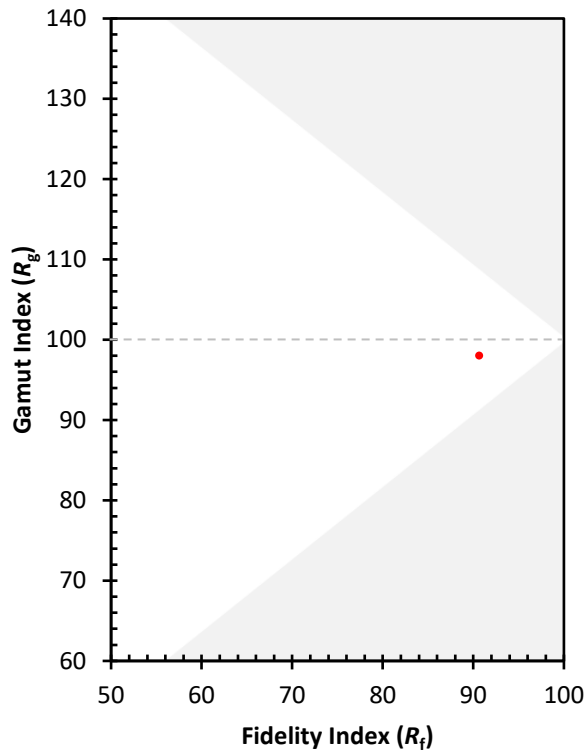
CES01 = 85	CES26 = 92	CES51 = 96	CES76 = 85
CES02 = 60	CES27 = 92	CES52 = 97	CES77 = 88
CES03 = 31	CES28 = 95	CES53 = 94	CES78 = 82
CES04 = 69	CES29 = 95	CES54 = 93	CES79 = 96
CES05 = 48	CES30 = 94	CES55 = 92	CES80 = 93
CES06 = 50	CES31 = 96	CES56 = 92	CES81 = 89
CES07 = 41	CES32 = 91	CES57 = 91	CES82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