

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: P1064450

Luminaire Tested: **GLAN-SA1B-950-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1064450
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA1B-950-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 1xLight Square PACKAGE
90CRI 5000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (14) 5000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3655.8 lumens
Efficiency: N/A
Efficacy: 94.5 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 38.7
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

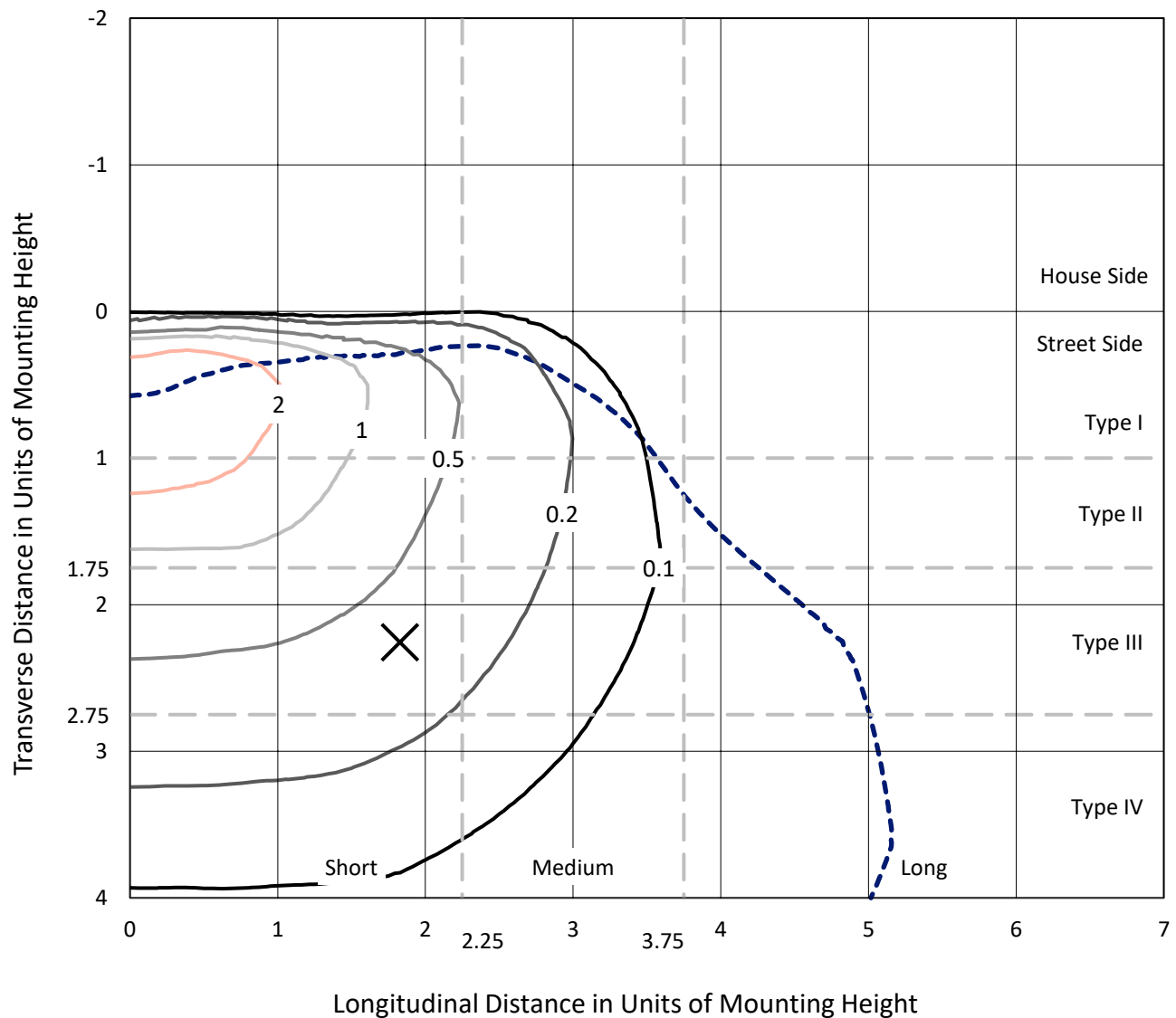


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

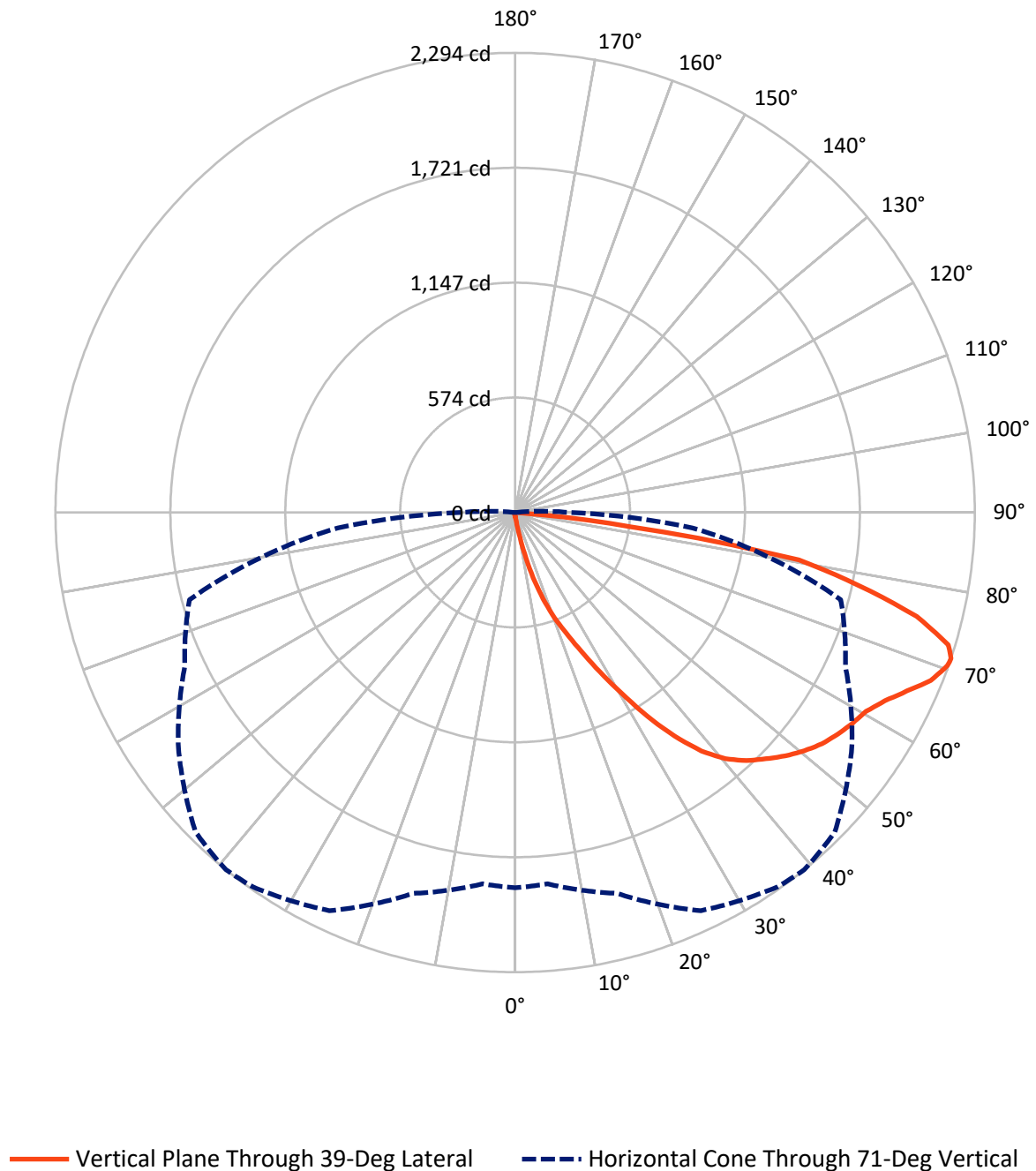


Based on 15 foot mounting height. Maximum calculated value = 3.8 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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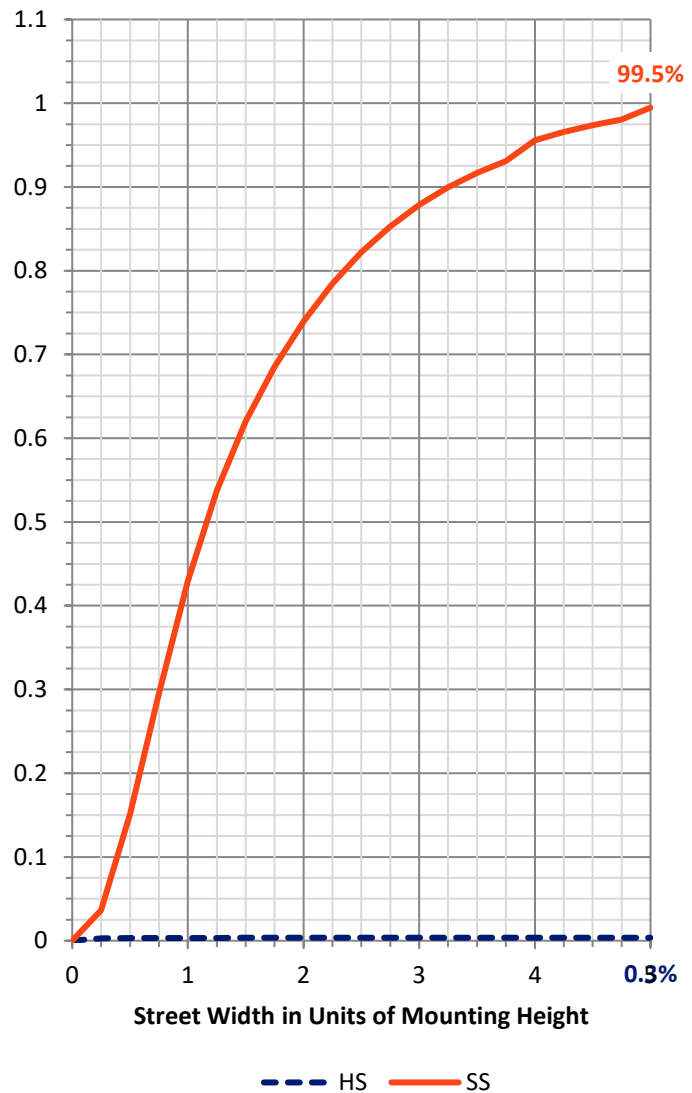
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	13.0	0.0	13.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	3642.8	0.0	3642.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	3655.8	0.0	3655.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.1	0.1
10°-20°	39.1	1.1
20°-30°	139.1	3.8
30°-40°	335.4	9.2
40°-50°	561.3	15.4
50°-60°	720.9	19.7
60°-70°	912.3	25.0
70°-80°	813.3	22.2
80°-90°	131.5	3.6
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°	3655.8	100.0
0°-180°	3655.8	100.0



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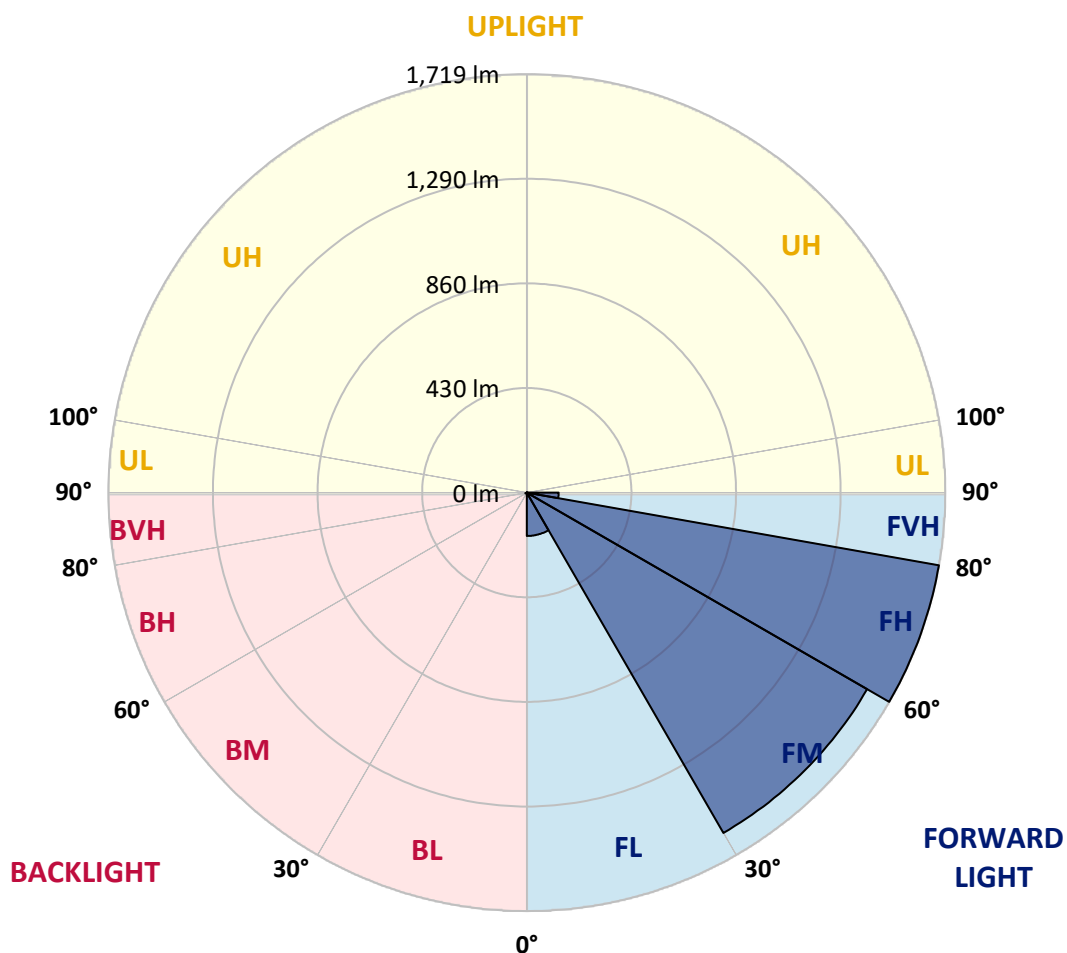
CATALOG NUMBER: GLAN-SA1B-950-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	178.1	4.9			
FM	(30°-60°)	1614.5	44.2			
FH	(60°-80°)	1719.3	47.0			G1/1800
FVH	(80°-90°)	130.9	3.6			G2/225
BL	(0°-30°)	3.1	0.1	B0/110		
BM	(30°-60°)	3.0	0.1	B0/220		
BH	(60°-80°)	6.2	0.2	B0/110		G0/110
BVH	(80°-90°)	0.6	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 IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
2.5°	23.0	23.0	23.0	22.3	22.3	22.0	21.8	21.8	21.3	21.0	20.5
5°	34.9	34.2	32.4	31.4	29.4	28.2	27.0	25.2	23.5	22.3	20.8
7.5°	78.9	80.7	75.0	64.3	53.5	48.8	40.8	32.9	27.2	23.5	21.0
10°	201.2	200.2	180.9	159.6	123.2	108.6	85.1	53.7	35.1	25.7	21.3
12.5°	342.3	341.3	318.5	289.5	241.5	211.1	166.6	100.2	50.5	29.2	21.3
15°	460.8	456.8	449.7	421.0	364.8	339.3	280.4	177.2	81.7	35.1	21.8
17.5°	539.3	535.8	529.1	518.7	483.1	452.9	405.6	278.4	132.2	45.5	22.8
20°	611.3	608.8	603.4	601.4	578.4	562.3	523.2	394.7	205.9	61.9	24.3
22.5°	710.3	705.1	707.3	695.4	672.9	653.6	629.6	516.5	296.0	89.1	27.0
25°	831.5	829.1	822.9	814.5	783.3	766.4	729.6	631.3	396.7	124.7	29.9
27.5°	978.0	975.3	973.8	954.5	918.6	900.3	848.8	739.7	510.1	174.7	33.9
30°	1146.8	1148.1	1138.4	1113.7	1071.8	1046.1	993.1	853.3	626.1	233.4	38.1
32.5°	1321.5	1319.1	1304.2	1275.0	1237.6	1213.6	1146.3	977.8	747.9	310.8	43.1
35°	1509.9	1505.2	1466.1	1432.7	1400.7	1370.5	1309.2	1122.3	869.6	397.7	49.7
37.5°	1699.9	1677.9	1599.5	1557.1	1535.1	1510.4	1453.2	1276.5	990.7	494.7	57.9
40°	1843.5	1826.4	1733.3	1655.4	1637.8	1616.8	1574.2	1409.6	1119.3	598.9	67.8
42.5°	1922.9	1913.5	1829.9	1752.9	1711.6	1693.0	1656.6	1525.9	1246.5	714.0	82.2
45°	1956.8	1942.2	1886.3	1850.4	1784.6	1753.9	1710.6	1613.8	1379.4	844.6	102.2
47.5°	1946.4	1938.0	1897.9	1911.0	1863.3	1815.5	1751.9	1681.1	1493.0	994.6	129.7
50°	1881.1	1873.9	1861.5	1932.6	1926.6	1870.2	1805.4	1734.3	1585.8	1149.3	172.2
52.5°	1756.8	1753.9	1785.6	1915.7	1962.5	1918.4	1856.8	1781.3	1672.5	1310.9	233.1
55°	1596.7	1608.9	1699.4	1889.5	1980.8	1954.1	1902.4	1825.4	1742.0	1455.4	323.0
57.5°	1530.9	1534.1	1647.2	1870.9	1989.0	1985.5	1946.7	1867.5	1805.8	1571.0	460.1
60°	1607.9	1602.9	1662.6	1885.0	2005.3	2013.7	1986.0	1906.6	1861.3	1670.2	642.7
62.5°	1746.9	1744.2	1763.3	1945.2	2053.1	2070.2	2040.7	1934.8	1910.3	1735.6	851.1
65°	1871.2	1865.5	1900.9	2051.8	2137.0	2149.1	2123.4	1983.0	1931.8	1783.1	1046.8
67.5°	1924.9	1923.6	1980.6	2153.3	2225.1	2238.2	2215.7	2049.6	1926.9	1798.2	1133.2
70°	1900.4	1895.7	1986.8	2196.4	2274.8	2289.7	2267.9	2074.4	1873.2	1750.4	1005.3
71°	1873.4	1860.8	1968.2	2193.4	2281.7	2294.4	2256.3	2051.8	1819.2	1682.6	889.2
72.5°	1789.8	1792.0	1917.2	2162.5	2265.2	2261.5	2190.4	1971.2	1754.1	1528.7	714.2
75°	1583.9	1597.0	1752.1	2032.5	2117.2	2069.9	1961.3	1817.0	1623.5	1096.1	495.9
77.5°	1294.3	1313.9	1484.4	1782.6	1758.6	1753.9	1749.4	1600.9	1386.4	588.8	345.0
80°	618.0	660.3	895.4	1272.5	1382.4	1435.6	1402.2	1290.1	1072.1	280.4	206.1
82.5°	40.3	39.8	56.4	106.9	450.7	582.6	925.6	922.1	747.4	136.6	84.1
85°	19.1	19.6	21.5	24.5	28.5	31.2	43.1	252.4	357.6	65.1	18.3
87.5°	11.1	11.4	13.4	17.1	22.3	24.7	29.4	37.9	46.5	35.9	4.0
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-SA1B-950-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
2.5°	20.3	20.0	19.3	18.6	17.8	17.3	17.1	17.3	17.3	17.6	17.6
5°	20.3	19.6	18.3	16.8	15.8	14.8	14.4	14.1	14.4	14.4	14.4
7.5°	20.0	18.8	17.1	15.3	14.1	12.9	12.4	12.1	12.1	12.4	12.4
10°	19.6	18.3	16.1	14.1	12.6	11.1	10.4	9.7	9.7	9.7	9.9
12.5°	19.3	17.6	14.8	12.9	10.9	9.2	7.7	6.9	7.2	7.2	7.2
15°	18.8	16.8	14.1	11.6	9.2	6.9	5.7	4.9	5.2	5.4	5.2
17.5°	18.8	16.6	13.1	10.1	7.2	5.2	4.2	3.7	3.7	4.0	4.0
20°	18.8	16.1	12.4	8.7	5.4	4.0	3.0	2.7	2.7	3.2	3.5
22.5°	19.3	16.1	11.4	7.2	4.5	3.0	2.2	2.0	2.2	2.7	3.0
25°	20.0	15.8	10.4	6.4	3.7	2.2	1.7	1.2	1.5	2.0	2.2
27.5°	20.8	15.6	9.4	5.7	3.0	1.7	1.2	1.0	0.7	1.0	1.0
30°	21.5	15.6	8.4	4.7	2.5	1.2	0.7	0.5	0.2	0.0	0.0
32.5°	22.0	15.1	7.7	3.7	2.0	1.0	0.5	0.2	0.0	0.0	0.0
35°	22.5	14.6	6.7	3.0	1.5	0.7	0.2	0.0	0.0	0.0	0.0
37.5°	23.0	13.9	5.7	2.5	1.2	0.5	0.0	0.0	0.0	0.0	0.0
40°	23.5	12.9	4.7	2.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	24.0	12.1	4.0	1.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0
45°	25.2	11.6	3.2	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	27.5	11.1	3.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	30.7	10.6	2.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	35.1	10.4	2.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	43.1	10.1	2.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	56.7	9.9	2.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	86.9	9.4	2.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	155.2	9.2	2.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	270.5	9.4	2.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	387.8	9.9	1.7	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0
70°	331.9	8.7	1.7	1.0	0.5	0.2	0.0	0.0	0.0	0.0	0.0
71°	270.5	7.7	1.7	1.0	0.5	0.2	0.2	0.0	0.0	0.0	0.0
72.5°	174.0	5.9	1.5	1.0	0.5	0.5	0.2	0.0	0.0	0.0	0.0
75°	73.5	4.9	1.5	1.0	0.7	0.5	0.5	0.2	0.0	0.0	0.0
77.5°	31.4	3.7	1.5	1.2	1.0	0.7	0.7	0.5	0.2	0.0	0.0
80°	11.9	3.0	1.7	1.5	1.2	1.2	1.0	0.5	0.2	0.0	0.0
82.5°	5.4	2.5	1.7	1.5	1.5	1.2	1.0	0.7	0.5	0.0	0.0
85°	3.5	2.2	1.7	1.5	1.5	1.2	1.2	0.7	0.5	0.0	0.0
87.5°	2.7	2.2	1.7	1.7	1.5	1.5	1.0	0.7	0.2	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

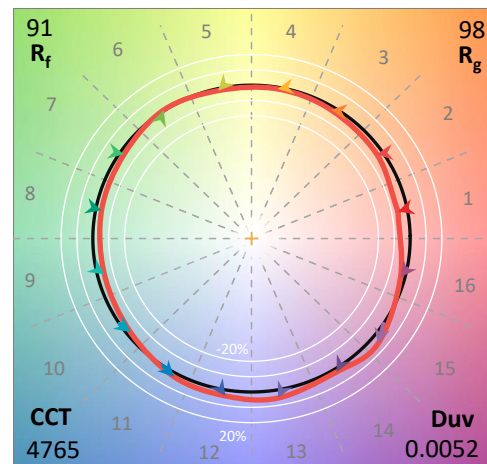
Test Information

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

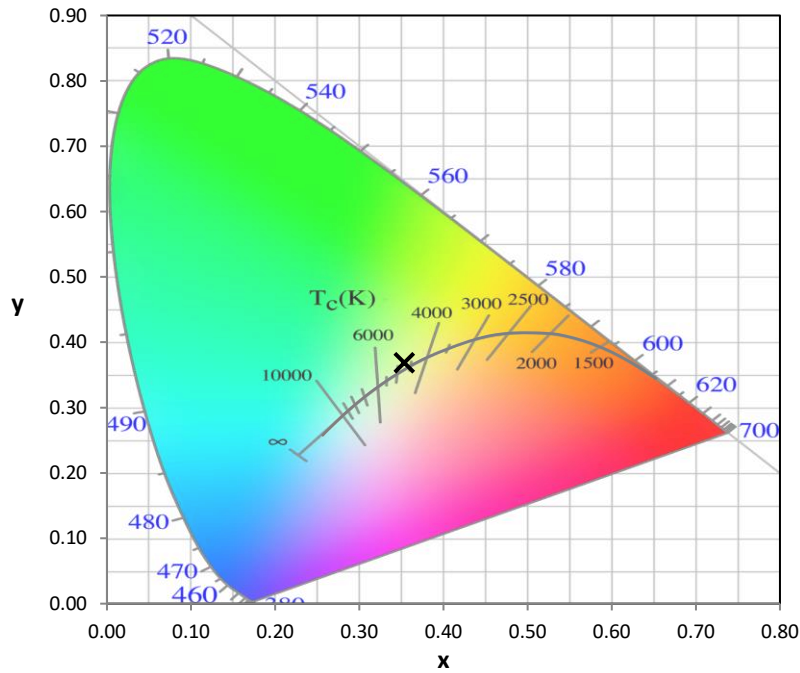
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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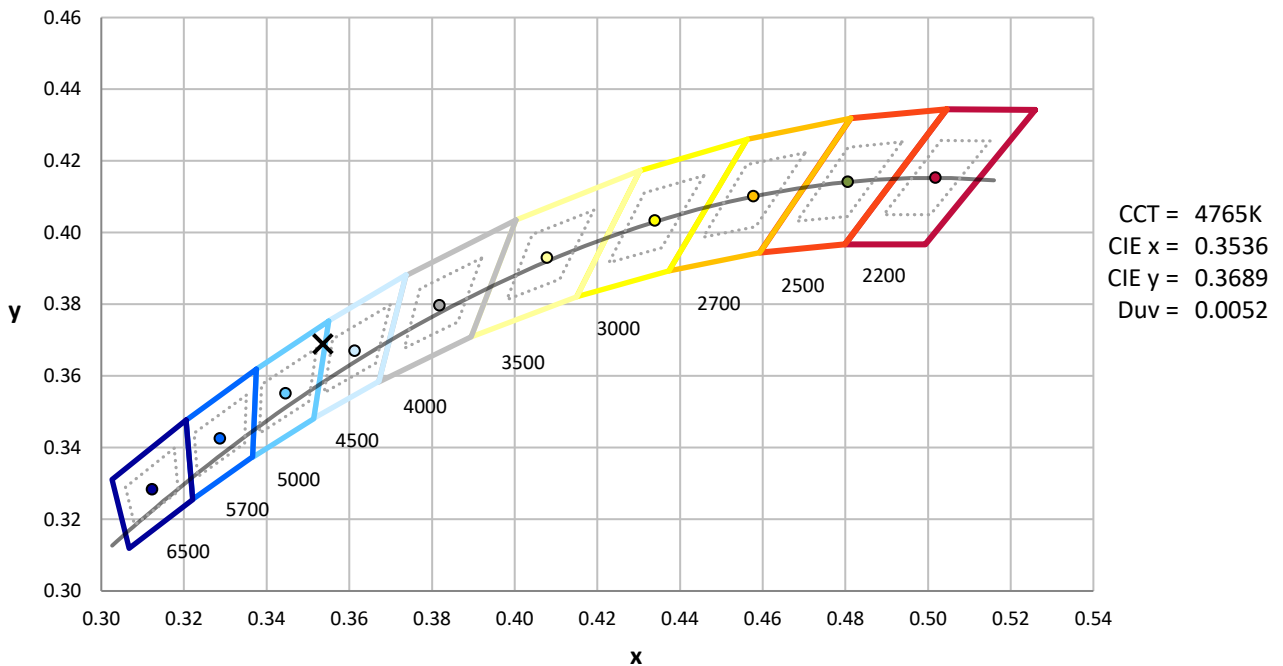
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



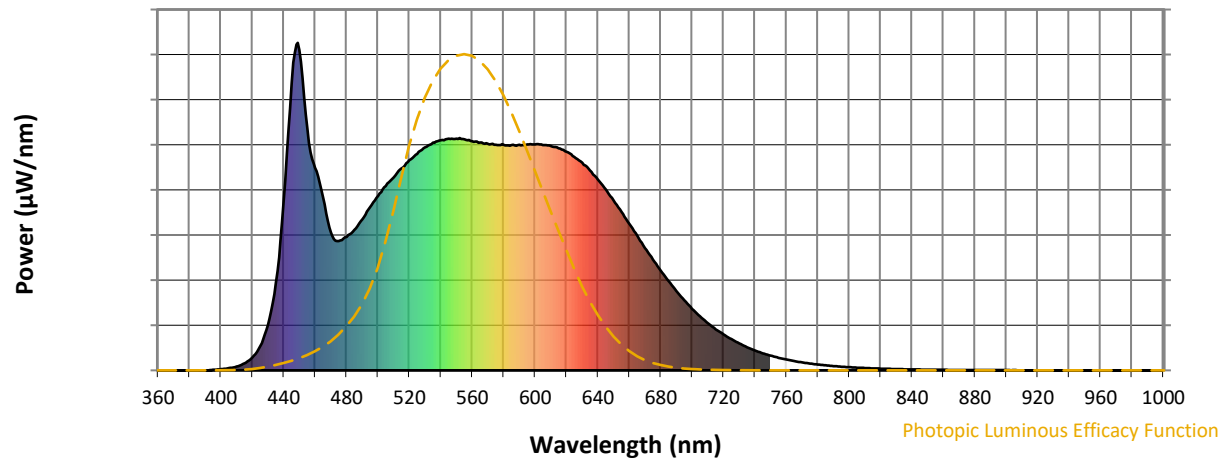
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 7-step quadrangle

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Photopic Flux vs. Wavelength

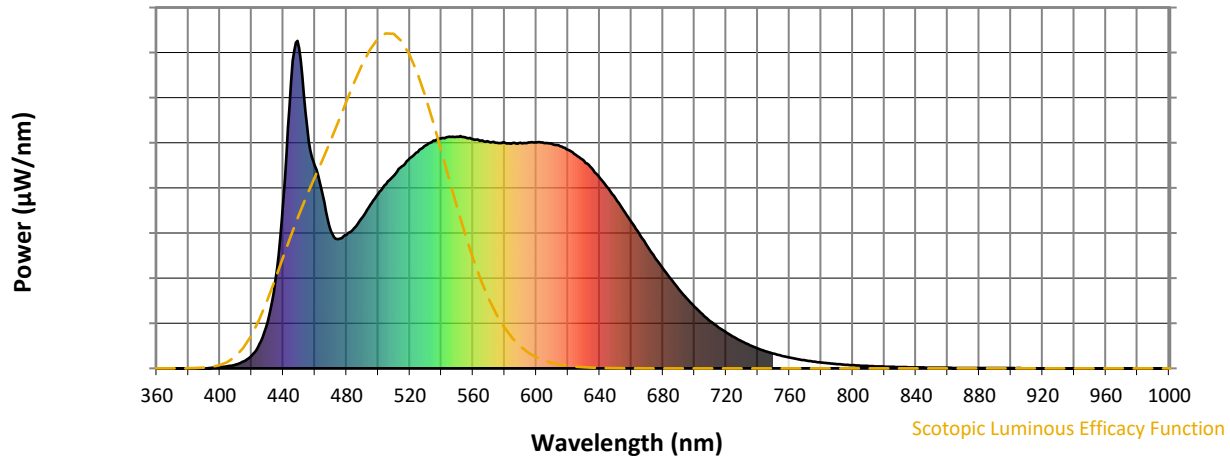


Photopic Lumens: NR

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



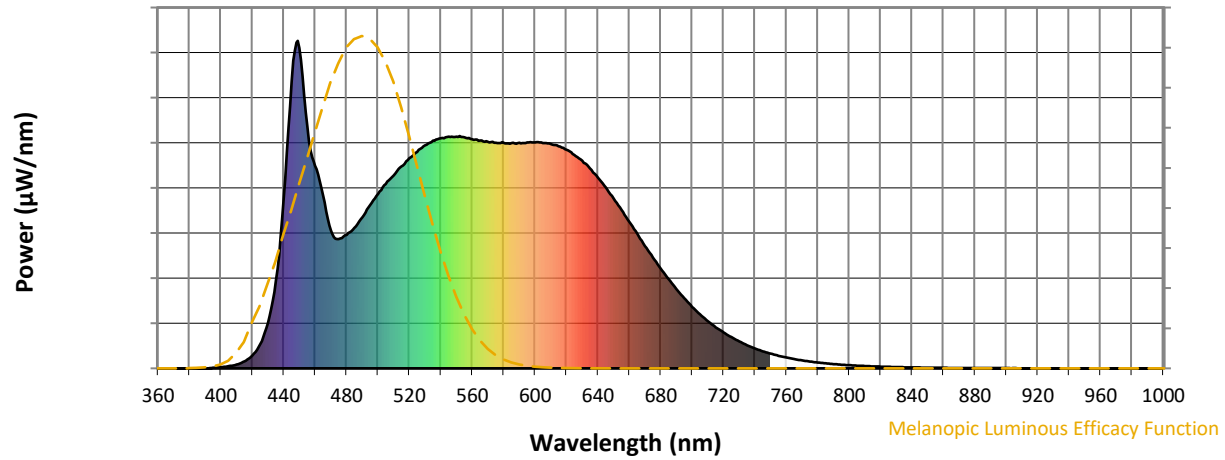
Scotopic Lumens: NR

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

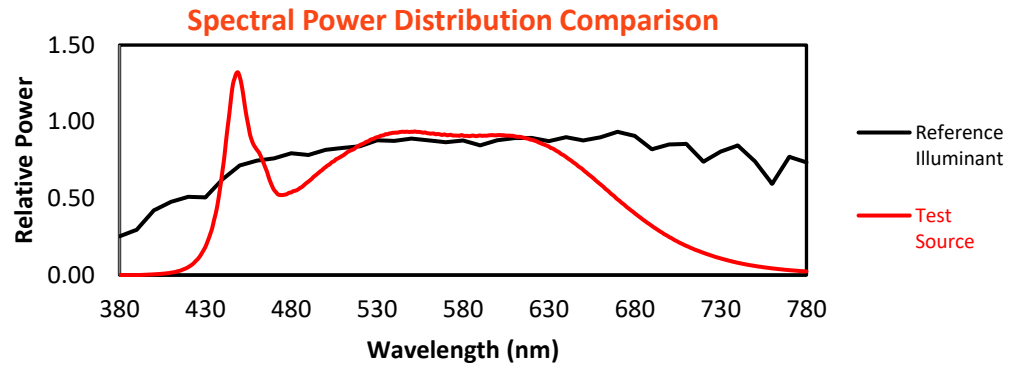
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	462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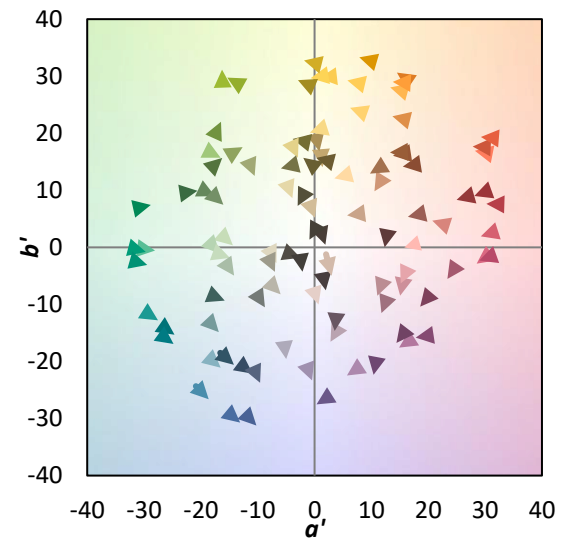
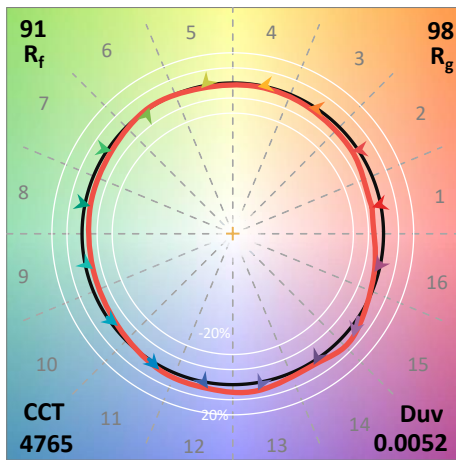
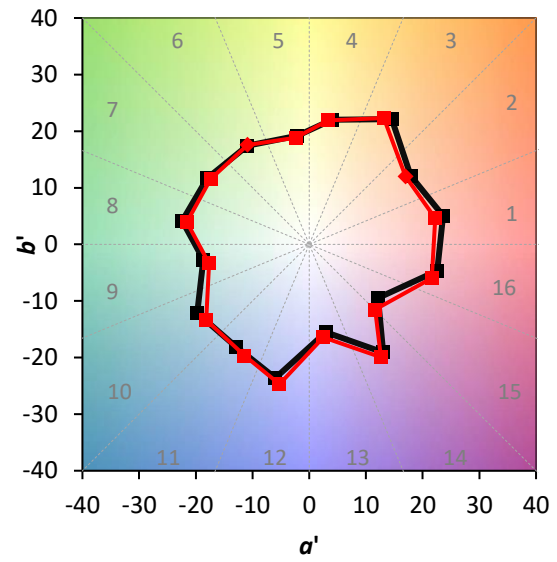
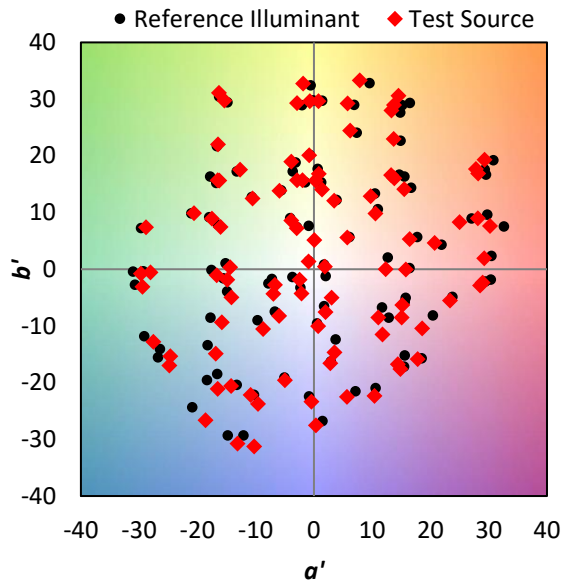
TM-30-18

Summary

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

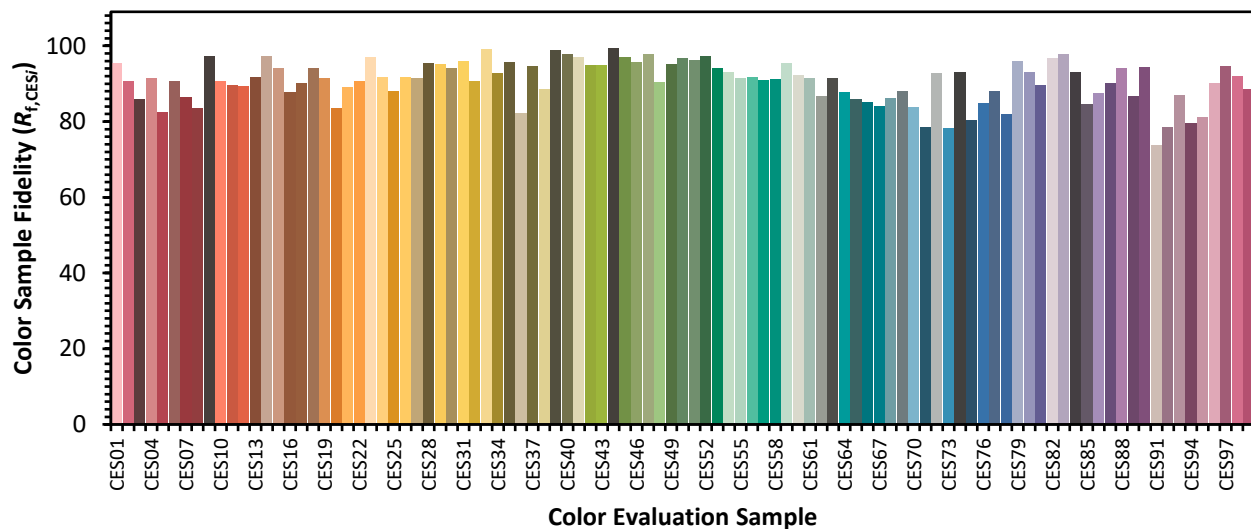


Color Vector Graphics

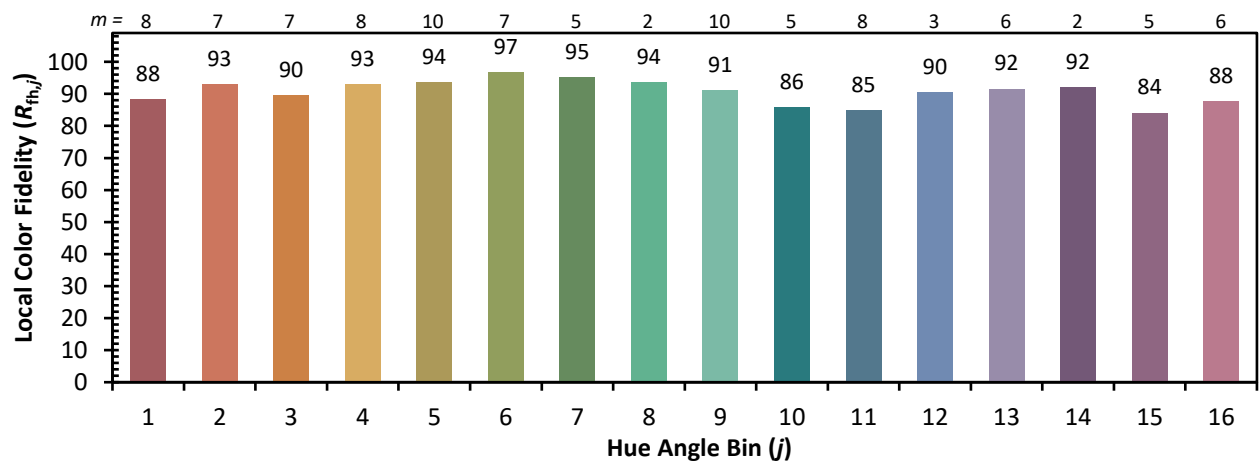
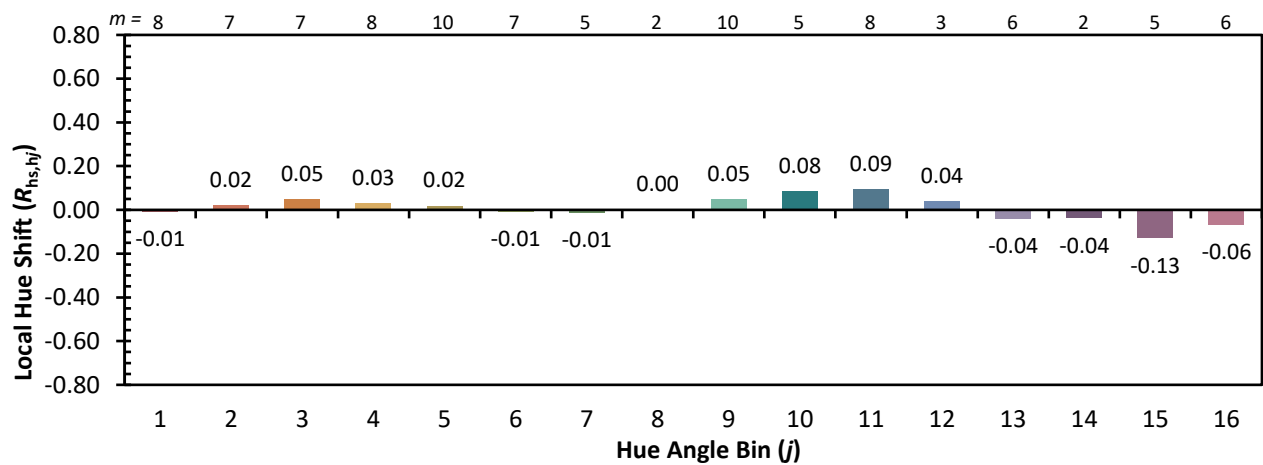
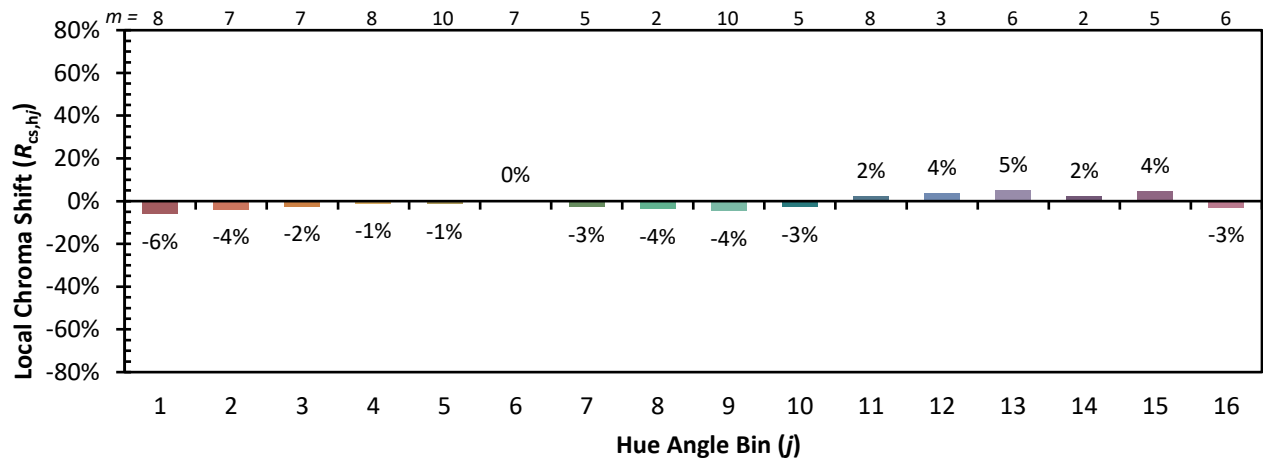


Individual Sample Fidelity Index ($R_{f,i}$)

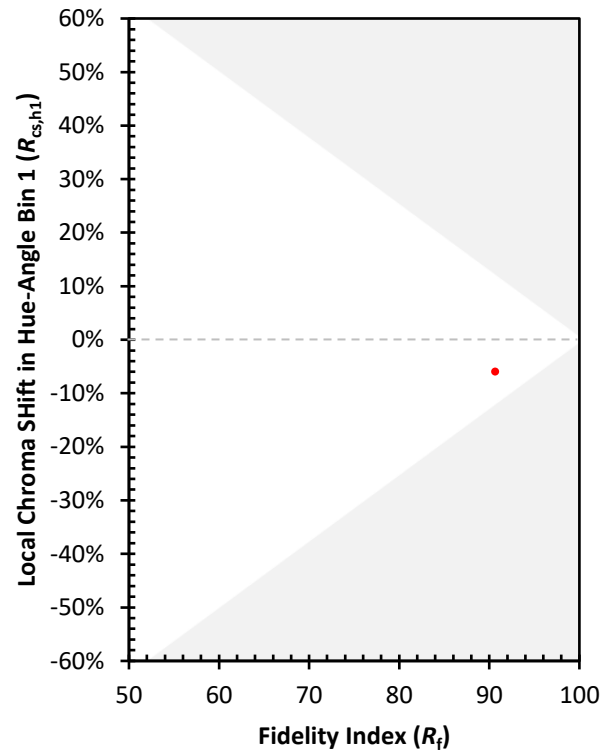
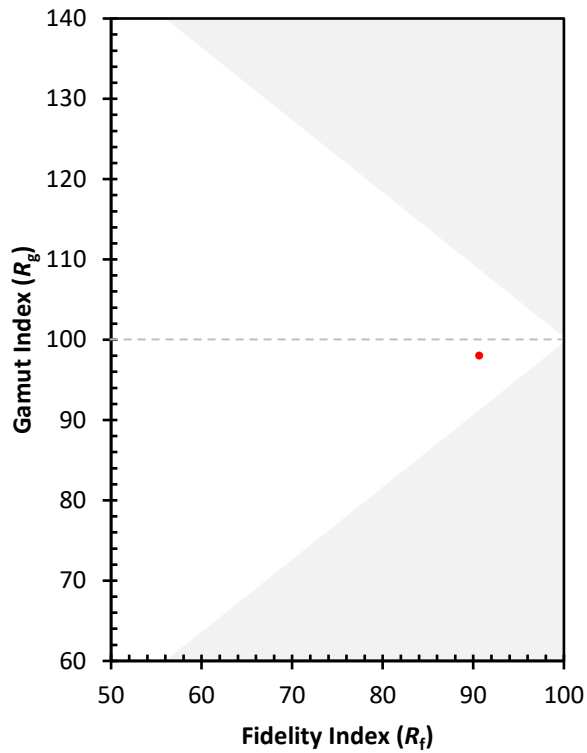
CES01 = 85	CES26 = 92	CES51 = 96	CES76 = 85
CES02 = 60	CES27 = 92	CES52 = 97	CES77 = 88
CES03 = 31	CES28 = 95	CES53 = 94	CES78 = 82
CES04 = 69	CES29 = 95	CES54 = 93	CES79 = 96
CES05 = 48	CES30 = 94	CES55 = 92	CES80 = 93
CES06 = 50	CES31 = 96	CES56 = 92	CES81 = 89
CES07 = 41	CES32 = 91	CES57 = 91	CES82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