Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Scaled data based on original data using

LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: STREETWORKS

Report Number: P1458422

Luminaire Tested: GLAN-SB1D-840-U-T3LG-HSS

Issue Date: 05/20/2026

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1458422
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB1D-840-U-T3LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 1xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE III LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(26) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	7440.8 lumens
Efficiency:	N/A
Efficacy:	93.5 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G2

Input Watts (W):	79.6
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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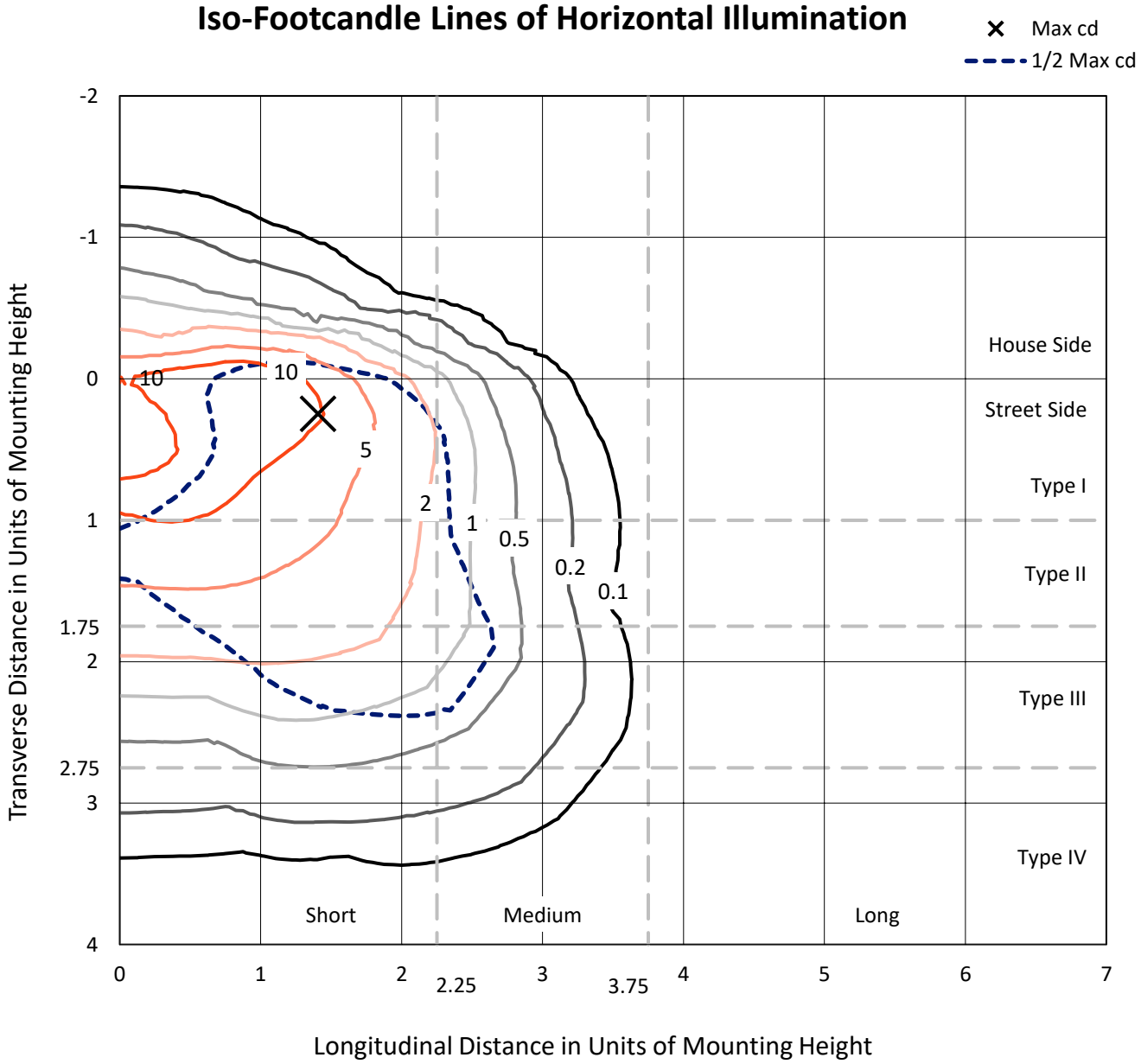
REPORT NUMBER: P1458422
CATALOG NUMBER: GLAN-SB1D-840-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 18.4 fc
Type III - Short - N/A

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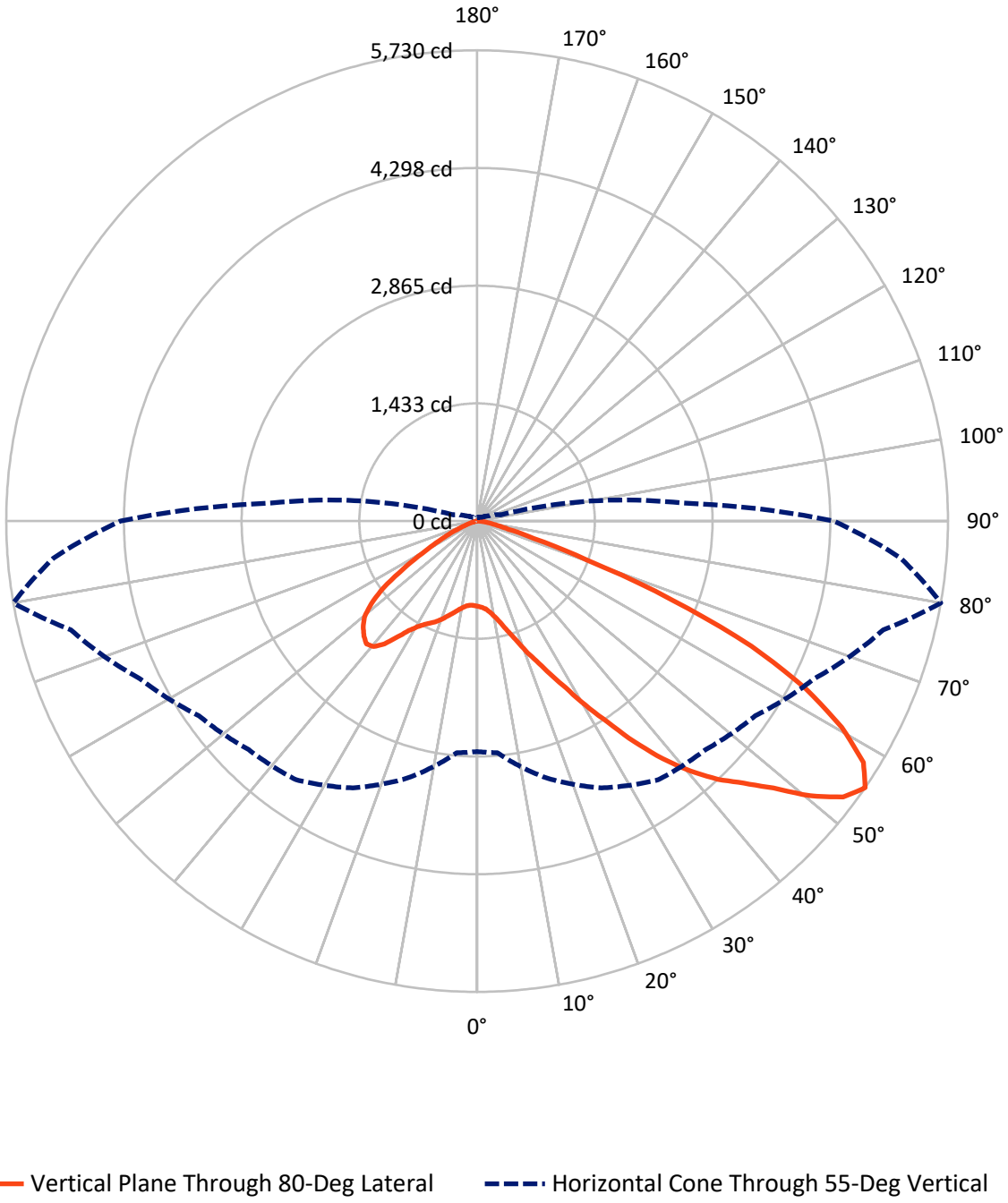
Luminous Intensity Polar Plot



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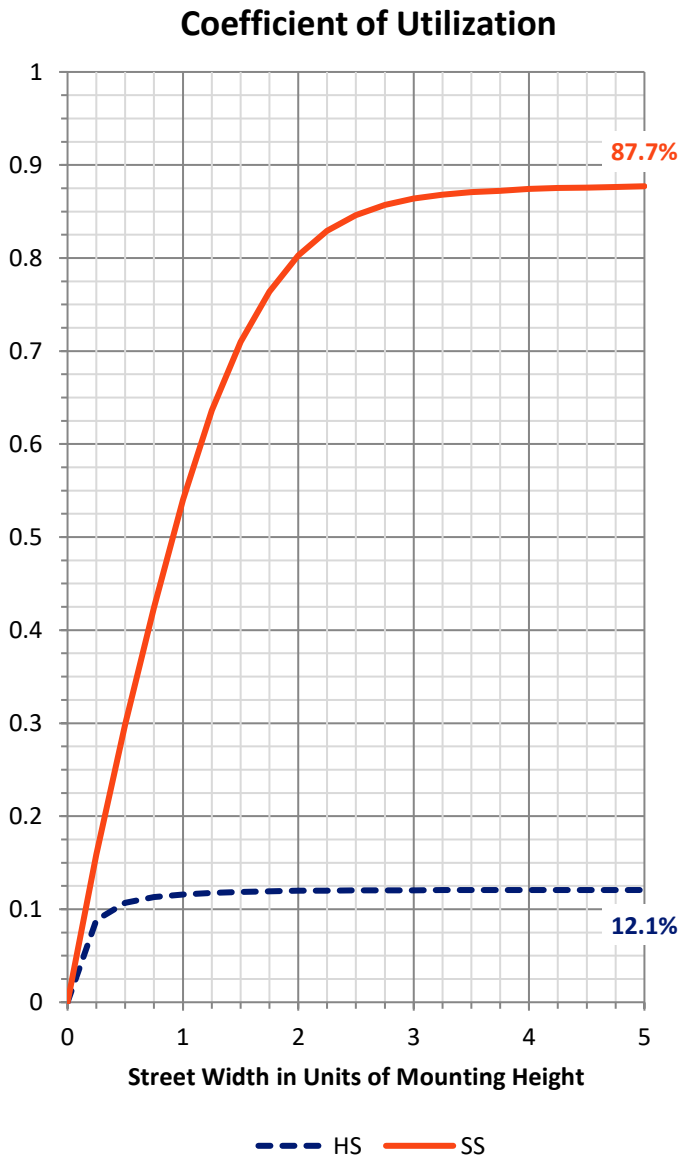
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	904.5	0.0	904.5
	% Fixture	12.2	0.0	12.2
Street Side	Lumens	6536.3	0.0	6536.3
	% Fixture	87.8	0.0	87.8
Total	Lumens	7440.8	0.0	7440.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	87.0	1.2
10°-20°	229.3	3.1
20°-30°	448.9	6.0
30°-40°	913.3	12.3
40°-50°	1539.7	20.7
50°-60°	1967.3	26.4
60°-70°	1679.6	22.6
70°-80°	536.7	7.2
80°-90°	38.8	0.5
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°	7440.8	100.0
0°-180°	7440.8	100.0



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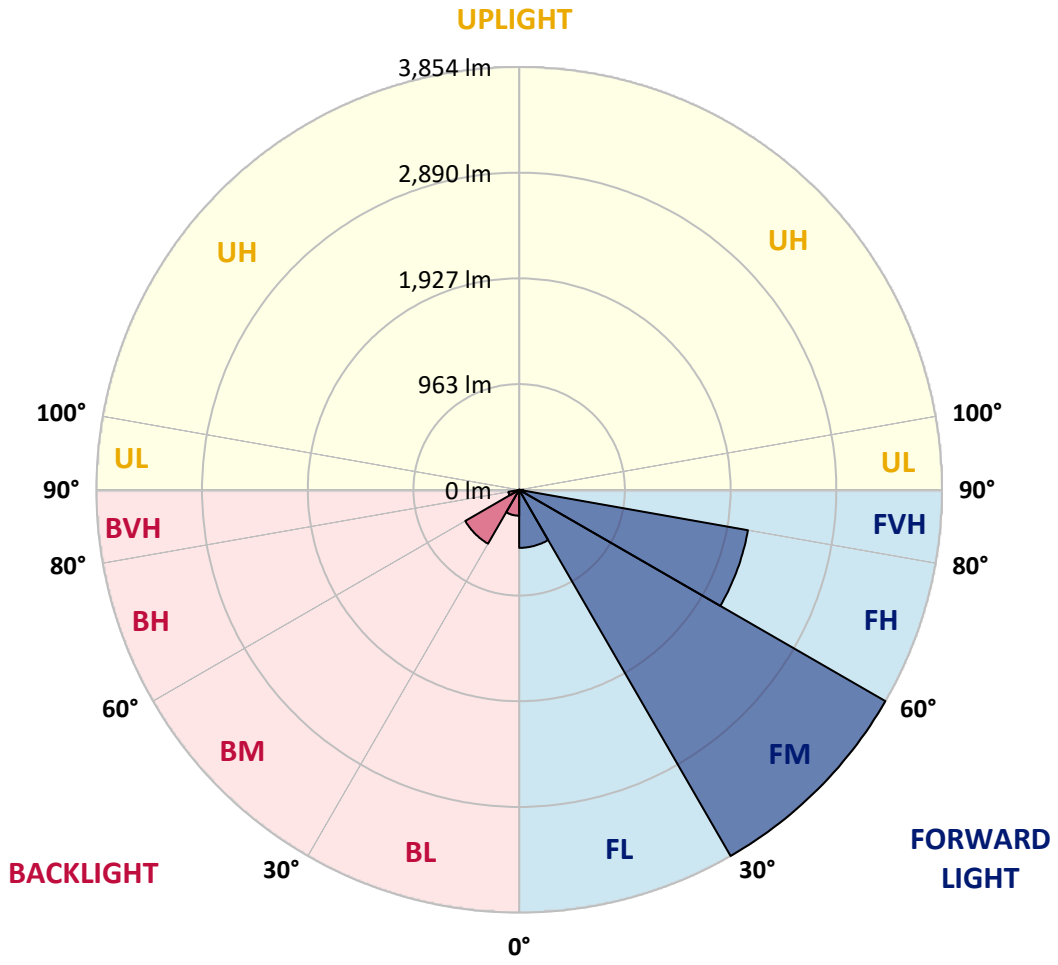
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	529.1	7.1			
FM	(30°-60°)	3853.5	51.8			
FH	(60°-80°)	2117.0	28.5			G2/5000
FVH	(80°-90°)	36.7	0.5			G1/100
BL	(0°-30°)	236.2	3.2	B1/500		
BM	(30°-60°)	566.9	7.6	B1/1000		
BH	(60°-80°)	99.4	1.3	B0/110		G0/110
BVH	(80°-90°)	2.0	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	1036.5	1036.5	1036.5	1036.5	1036.5	1036.5	1036.5	1036.5	1036.5	*1036.5*	1036.5
2.5°	1042.8	1045.0	1042.8	1045.0	1049.2	1047.1	1055.5	1053.4	1053.4	*1051.3*	1042.8
5°	983.6	985.7	990.0	1000.5	1015.3	1030.1	1049.2	1061.9	1074.6	*1072.5*	1064.0
7.5°	867.3	871.5	888.4	909.6	958.2	1002.6	1051.3	1083.0	1110.5	*1119.0*	1112.6
10°	801.7	805.9	816.5	837.7	882.1	956.1	1051.3	1116.9	1165.5	*1182.4*	1184.6
12.5°	795.3	797.5	805.9	829.2	867.3	930.7	1049.2	1161.3	1243.8	*1269.2*	1277.6
15°	799.6	803.8	812.3	831.3	875.7	947.6	1066.1	1231.1	1347.4	*1383.4*	1385.5
17.5°	816.5	820.7	831.3	852.5	901.1	992.1	1119.0	1303.0	1472.2	*1512.4*	1535.7
20°	850.3	852.5	865.2	892.7	947.6	1047.1	1197.3	1400.3	1622.4	*1681.7*	1698.6
22.5°	894.8	901.1	918.0	951.9	1021.7	1123.2	1305.1	1518.8	1787.4	*1848.8*	1878.4
25°	943.4	951.9	977.3	1032.3	1121.1	1239.6	1438.4	1675.3	1982.0	*2056.1*	2096.3
27.5°	1042.8	1045.0	1061.9	1131.7	1245.9	1391.9	1607.6	1876.3	2210.5	*2297.2*	2341.6
30°	1260.7	1262.8	1248.0	1267.1	1383.4	1571.7	1806.5	2111.1	2477.0	*2597.6*	2633.5
32.5°	1527.2	1537.8	1535.7	1523.0	1575.9	1751.5	2043.4	2392.4	2790.1	*2917.0*	2950.8
35°	1829.7	1855.1	1848.8	1844.5	1850.9	1982.0	2314.1	2703.3	3145.4	*3299.8*	3327.3
37.5°	2125.9	2132.2	2161.8	2197.8	2202.0	2293.0	2627.2	3033.3	3475.4	*3672.1*	3714.4
40°	2354.3	2375.5	2449.5	2521.4	2595.5	2667.4	2885.3	3299.8	3737.7	*4002.1*	4021.2
42.5°	2532.0	2582.8	2690.6	2802.8	2952.9	3033.3	3130.6	3488.1	3951.4	*4296.2*	4287.7
45°	2747.8	2768.9	2921.2	3069.3	3221.6	3344.3	3342.2	3646.8	4118.5	*4547.9*	4495.0
47.5°	2893.7	2919.1	3126.4	3299.8	3456.4	3517.7	3530.4	3818.1	4349.0	*4852.5*	4727.7
50°	2972.0	3016.4	3242.7	3462.7	3631.9	3651.0	3708.1	4042.3	4651.5	*5256.5*	5021.7
52.5°	2980.4	3022.7	3282.9	3566.4	3750.4	3788.5	3885.8	4296.2	4945.5	*5580.1*	5190.9
55°	*2804.9*	*2830.3*	*3234.3*	*3583.3*	*3843.5*	*3932.3*	*4131.2*	*4530.9*	*5116.9*	*5730.3*	*5176.1*
57.5°	2639.9	2665.3	3016.4	3553.7	3938.7	4120.6	4393.5	4691.7	4983.6	*5544.2*	4846.1
60°	2498.2	2510.8	2830.3	3416.2	3974.6	4304.6	4619.8	4533.1	4638.8	*5097.8*	4281.3
62.5°	2231.6	2240.1	2618.7	3168.7	3902.7	4446.3	4698.1	4196.7	4260.2	*4482.3*	3617.1
65°	1685.9	1717.6	2064.5	2982.6	3784.3	4511.9	4516.1	3786.4	3720.8	*3667.9*	2845.1
67.5°	1144.4	1180.3	1389.7	2682.2	3591.8	4539.4	4162.9	3255.4	2834.5	*2561.6*	1863.6
70°	913.8	913.8	985.7	2155.5	3134.9	4188.3	3725.0	2458.0	1800.1	*1415.1*	998.4
72.5°	600.7	602.9	670.5	1368.6	2223.2	3194.1	3037.6	1421.5	935.0	*721.3*	492.9
75°	217.9	217.9	294.0	547.9	1176.1	1901.6	1850.9	679.0	507.7	*393.4*	298.3
77.5°	116.3	120.6	141.7	226.3	450.6	774.2	723.4	346.9	287.7	*245.4*	186.1
80°	78.3	80.4	95.2	139.6	217.9	298.3	232.7	194.6	194.6	*165.0*	124.8
82.5°	42.3	44.4	63.5	91.0	116.3	139.6	112.1	114.2	137.5	*112.1*	71.9
85°	29.6	29.6	48.7	65.6	65.6	67.7	48.7	71.9	80.4	*69.8*	48.7
87.5°	16.9	16.9	27.5	31.7	31.7	29.6	14.8	25.4	31.7	*36.0*	21.2
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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Scaled Data Report

REPORT NUMBER: P1458422
CATALOG NUMBER: GLAN-SB1D-840-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1036.5	1036.5	1036.5	1036.5	1036.5	1036.5	1036.5	1036.5	1036.5	1036.5	1036.5
2.5°	1040.7	1034.4	1021.7	996.3	983.6	966.7	951.9	932.8	928.6	926.5	918.0
5°	1057.6	1045.0	1006.9	951.9	905.3	860.9	816.5	791.1	770.0	759.4	757.3
7.5°	1099.9	1074.6	1004.8	907.5	820.7	744.6	679.0	621.9	592.3	566.9	569.0
10°	1163.4	1123.2	1009.0	865.2	736.1	613.4	518.2	435.7	376.5	349.0	346.9
12.5°	1248.0	1190.9	1023.8	822.8	632.5	461.1	340.6	291.9	279.2	277.1	275.0
15°	1351.7	1271.3	1038.6	767.8	492.9	319.4	277.1	266.5	264.4	262.3	262.3
17.5°	1476.5	1364.4	1047.1	674.8	359.6	275.0	260.2	253.8	251.7	249.6	249.6
20°	1633.0	1468.0	1057.6	556.3	304.6	264.4	247.5	239.0	236.9	236.9	234.8
22.5°	1787.4	1584.4	1049.2	452.7	294.0	251.7	232.7	224.2	220.0	220.0	217.9
25°	1965.1	1702.8	1023.8	408.3	291.9	241.1	217.9	205.2	198.8	196.7	196.7
27.5°	2168.2	1838.2	983.6	410.4	291.9	232.7	198.8	181.9	177.7	173.5	173.5
30°	2400.9	2003.2	954.0	437.9	296.1	224.2	181.9	160.8	154.4	150.2	152.3
32.5°	2667.4	2187.2	951.9	482.3	302.5	211.5	162.9	139.6	133.3	131.1	133.3
35°	2969.9	2415.7	1000.5	516.1	285.6	184.0	139.6	120.6	114.2	114.2	116.3
37.5°	3306.2	2678.0	1066.1	507.7	230.6	146.0	120.6	105.8	99.4	101.5	103.6
40°	3612.9	2883.1	1076.7	433.6	173.5	124.8	103.6	93.1	88.8	91.0	93.1
42.5°	3845.6	3048.1	975.1	336.3	146.0	105.8	88.8	80.4	78.3	82.5	82.5
45°	4033.9	3113.7	814.4	249.6	129.0	91.0	78.3	74.0	69.8	71.9	71.9
47.5°	4230.6	3124.3	664.2	201.0	114.2	82.5	71.9	67.7	63.5	63.5	63.5
50°	4421.0	3098.9	507.7	177.7	105.8	74.0	65.6	61.3	57.1	55.0	55.0
52.5°	4467.5	2895.8	372.3	165.0	97.3	69.8	61.3	57.1	52.9	50.8	50.8
55°	*4338.5*	*2510.8*	*291.9*	*148.1*	*88.8*	*63.5*	*57.1*	*52.9*	*46.5*	*44.4*	*44.4*
57.5°	3913.3	1914.3	232.7	126.9	80.4	61.3	52.9	48.7	42.3	40.2	40.2
60°	3361.2	1358.0	188.3	103.6	74.0	55.0	48.7	42.3	38.1	33.8	33.8
62.5°	2749.9	975.1	152.3	86.7	69.8	48.7	44.4	38.1	29.6	23.3	23.3
65°	2108.9	700.2	118.5	69.8	63.5	42.3	38.1	31.7	23.3	16.9	16.9
67.5°	1364.4	452.7	88.8	61.3	48.7	36.0	29.6	25.4	21.2	14.8	12.7
70°	719.2	264.4	65.6	52.9	36.0	27.5	25.4	21.2	16.9	10.6	10.6
72.5°	372.3	173.5	48.7	46.5	27.5	19.0	21.2	16.9	12.7	6.3	6.3
75°	239.0	116.3	36.0	38.1	16.9	14.8	14.8	10.6	6.3	4.2	2.1
77.5°	154.4	78.3	25.4	31.7	10.6	8.5	8.5	4.2	2.1	0.0	0.0
80°	91.0	48.7	16.9	21.2	4.2	4.2	2.1	0.0	0.0	0.0	0.0
82.5°	46.5	25.4	8.5	8.5	2.1	0.0	0.0	0.0	0.0	0.0	0.0
85°	29.6	12.7	2.1	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	14.8	4.2	2.1	0.0	0.0	0.0	0.0	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

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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-11

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-840-U-5WQ

Data in this report applies to families of products including GSS-SB1A-840-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

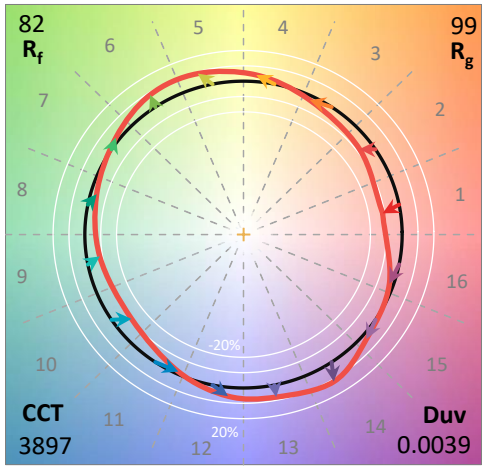
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-11
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-840-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3897
CIE u':	0.2249
CIE v':	0.5084
Duv:	0.0039
CIE x:	0.3882
CIE y:	0.3900
CIE z:	0.2218
Peak Wavelength (nm):	445
Dominant Wavelength (nm):	577
Purity:	33.54925
Rf:	81.8
Rg:	98.6

CRI (Ra):	80.2
R1:	78.9
R2:	83.5
R3:	88.3
R4:	82.1
R5:	78.8
R6:	78.4
R7:	85.8
R8:	65.8
R9:	6.7
R10:	61.9
R11:	81.9
R12:	58.9
R13:	79.2
R14:	93.2
R15:	71.9



Test Conditions

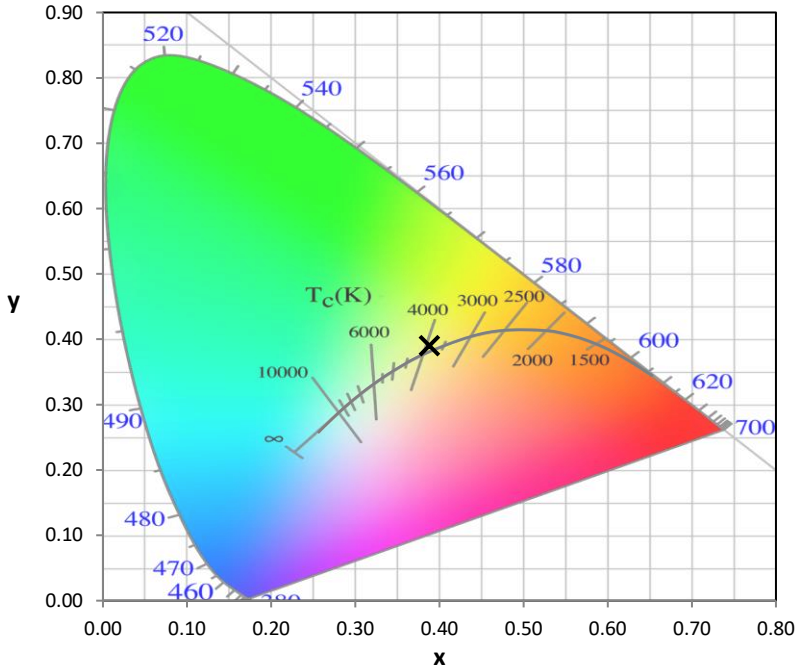
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

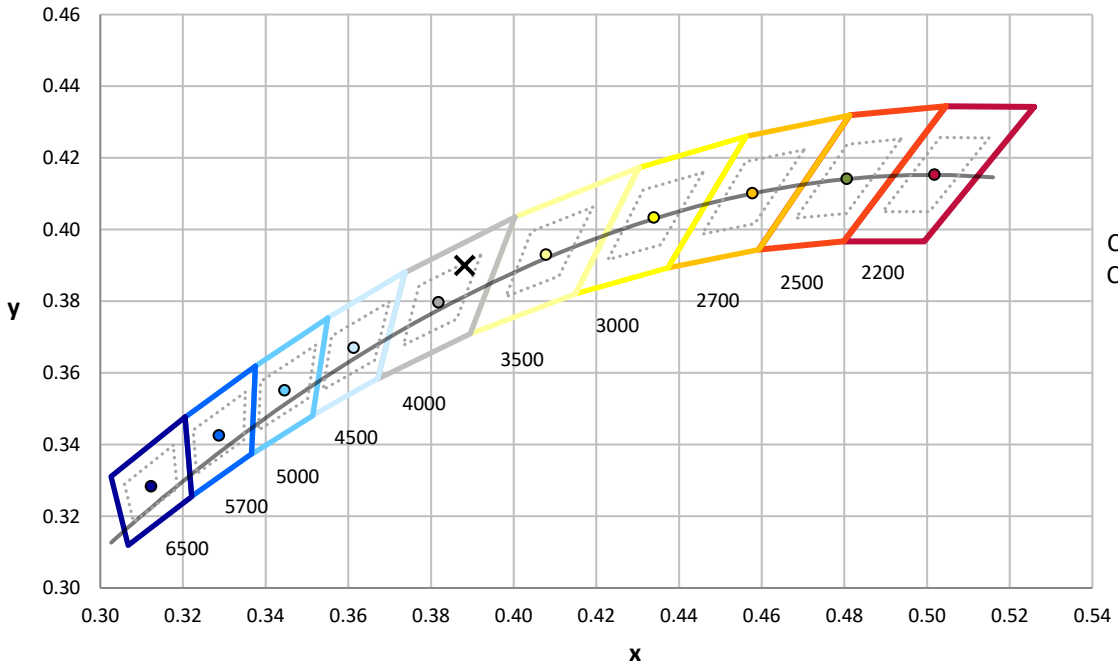
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-11

CIE 1931 Chromaticity Diagram



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

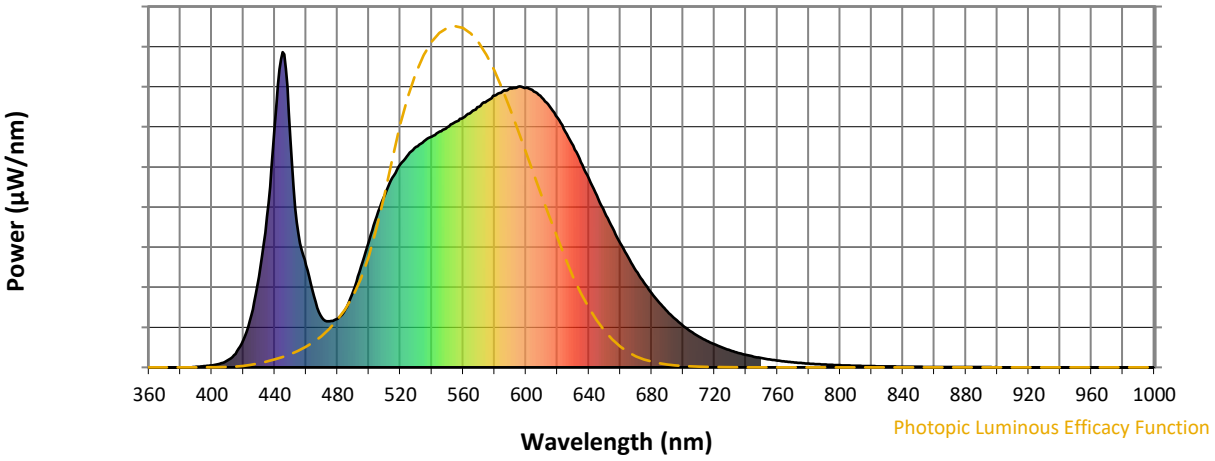


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-11

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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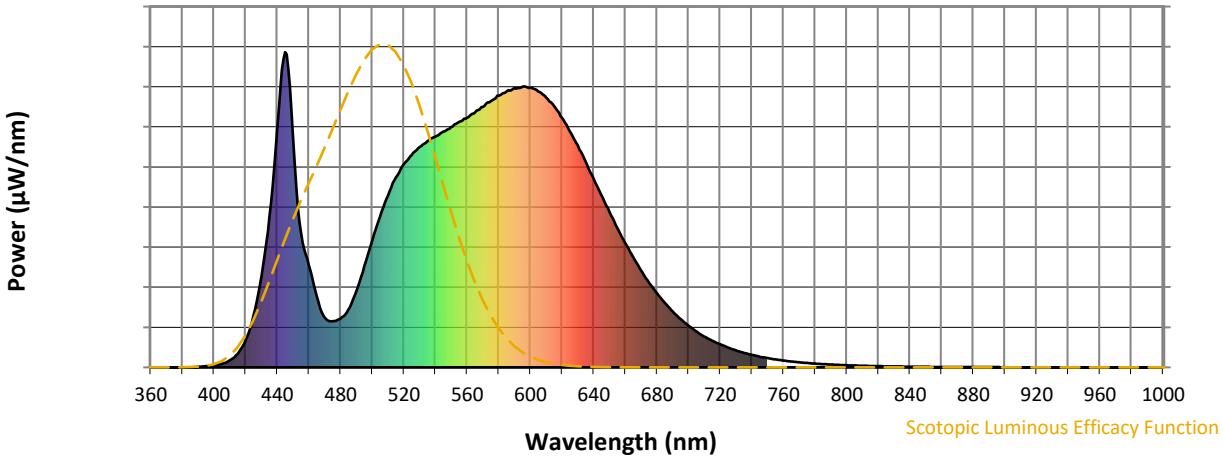
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.57**

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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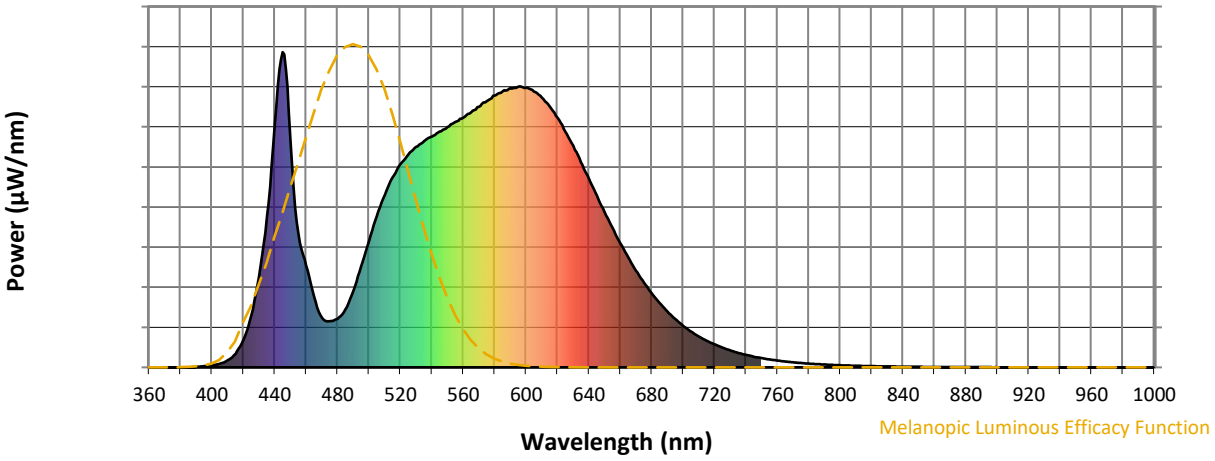
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.06**

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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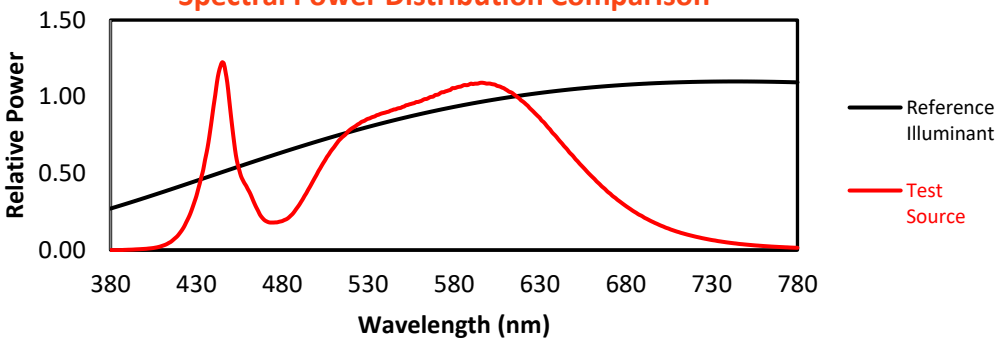
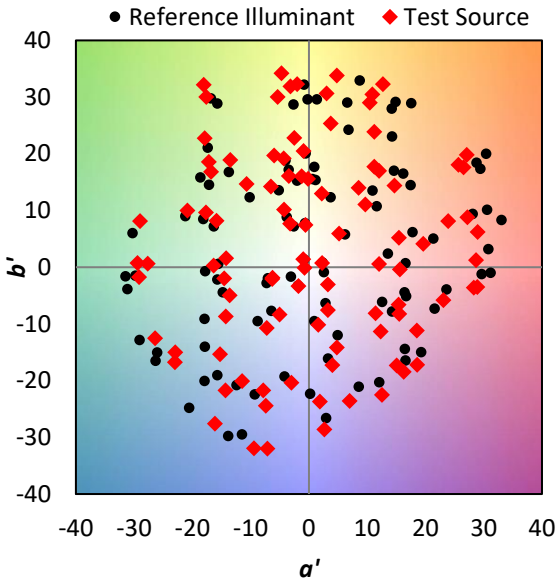
Summary

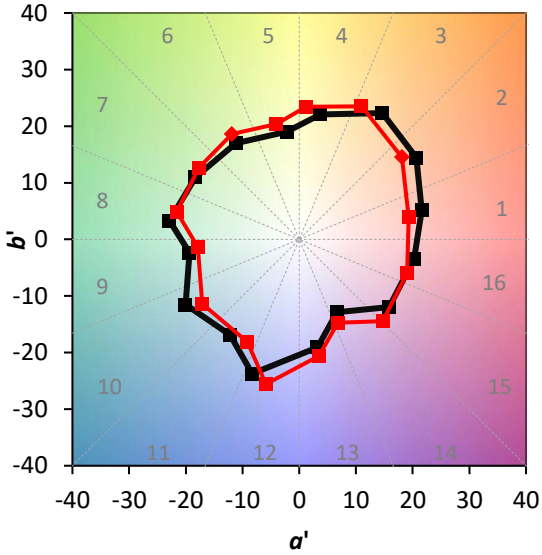
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

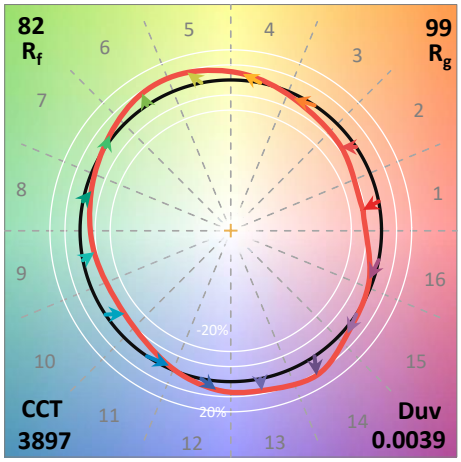
Spectral Power Distribution Comparison

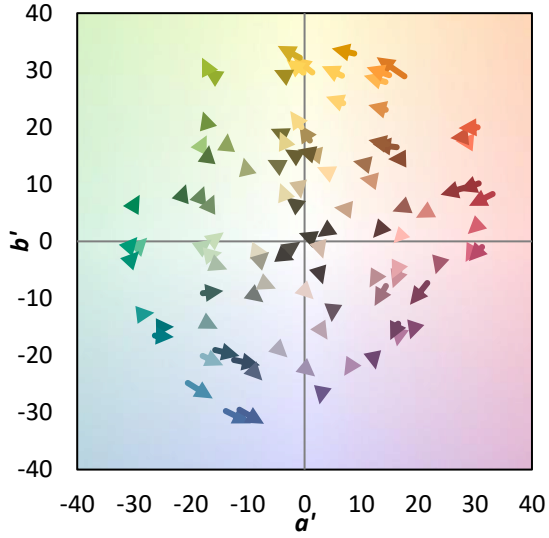


Color Vector Graphics









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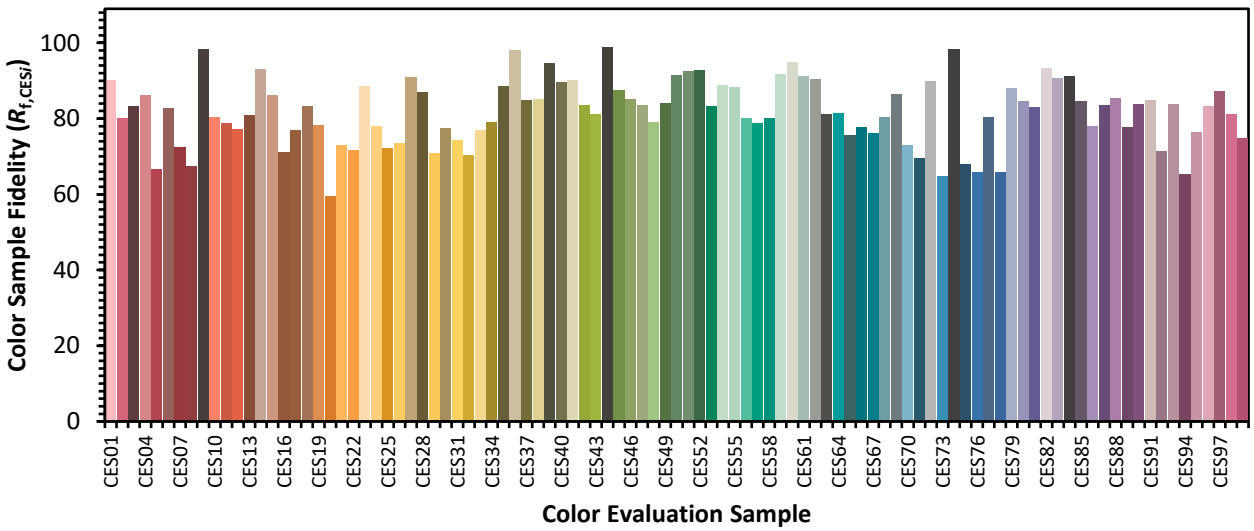
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82 = 93
CES08 = 40	CES33 = 77	CES58 = 80	CES83 = 91
CES09 = 29	CES34 = 79	CES59 = 92	CES84 = 91
CES10 = 74	CES35 = 88	CES60 = 95	CES85 = 84
CES11 = 57	CES36 = 98	CES61 = 91	CES86 = 78
CES12 = 63	CES37 = 85	CES62 = 90	CES87 = 84
CES13 = 42	CES38 = 85	CES63 = 81	CES88 = 85
CES14 = 74	CES39 = 95	CES64 = 81	CES89 = 78
CES15 = 71	CES40 = 90	CES65 = 76	CES90 = 84
CES16 = 47	CES41 = 90	CES66 = 78	CES91 = 85
CES17 = 49	CES42 = 84	CES67 = 76	CES92 = 71
CES18 = 56	CES43 = 81	CES68 = 80	CES93 = 84
CES19 = 71	CES44 = 99	CES69 = 86	CES94 = 65
CES20 = 65	CES45 = 87	CES70 = 73	CES95 = 77
CES21 = 86	CES46 = 85	CES71 = 70	CES96 = 83
CES22 = 78	CES47 = 84	CES72 = 90	CES97 = 87
CES23 = 91	CES48 = 79	CES73 = 65	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 75
CES25 = 71	CES50 = 91	CES75 = 68	



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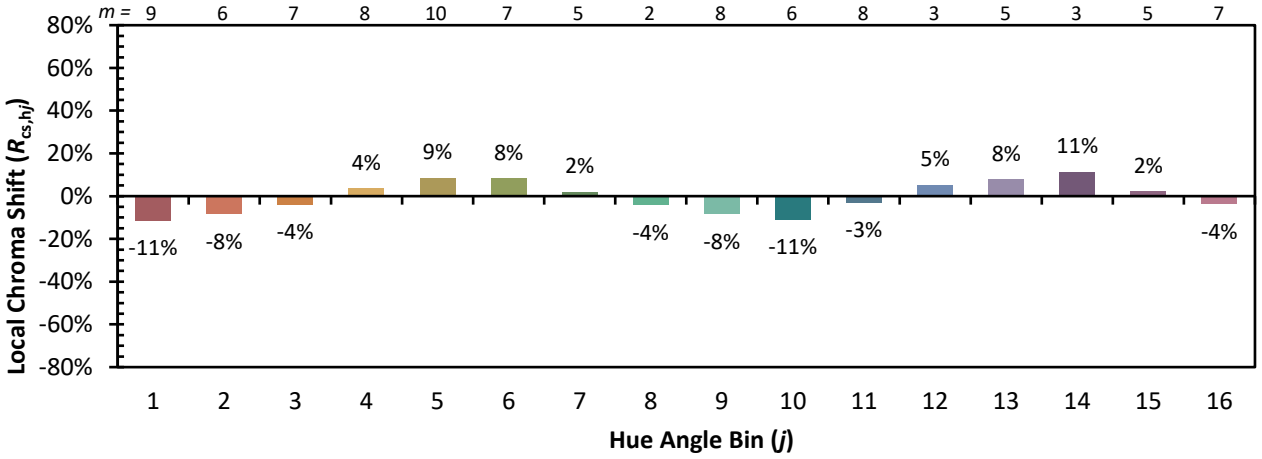
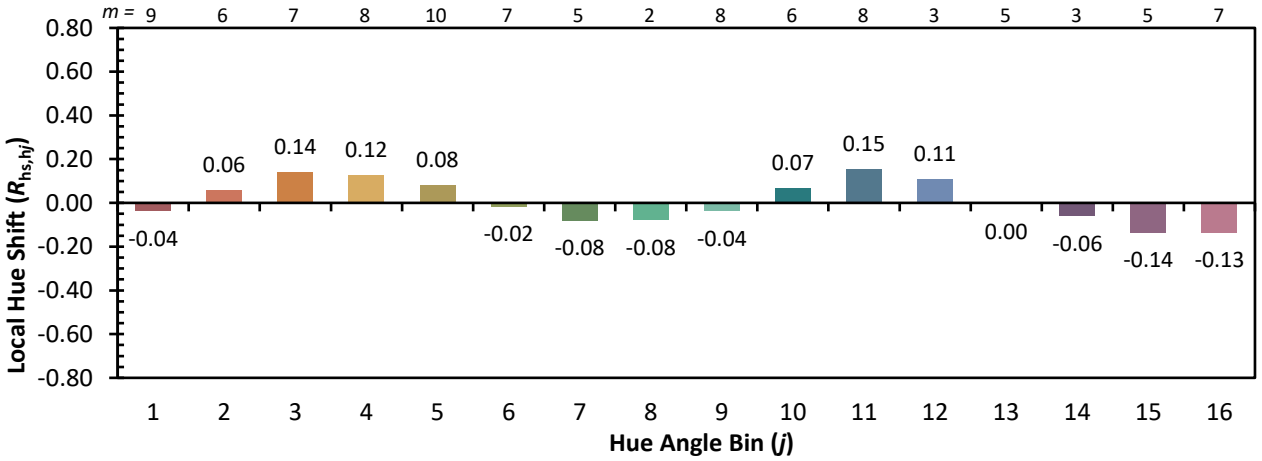
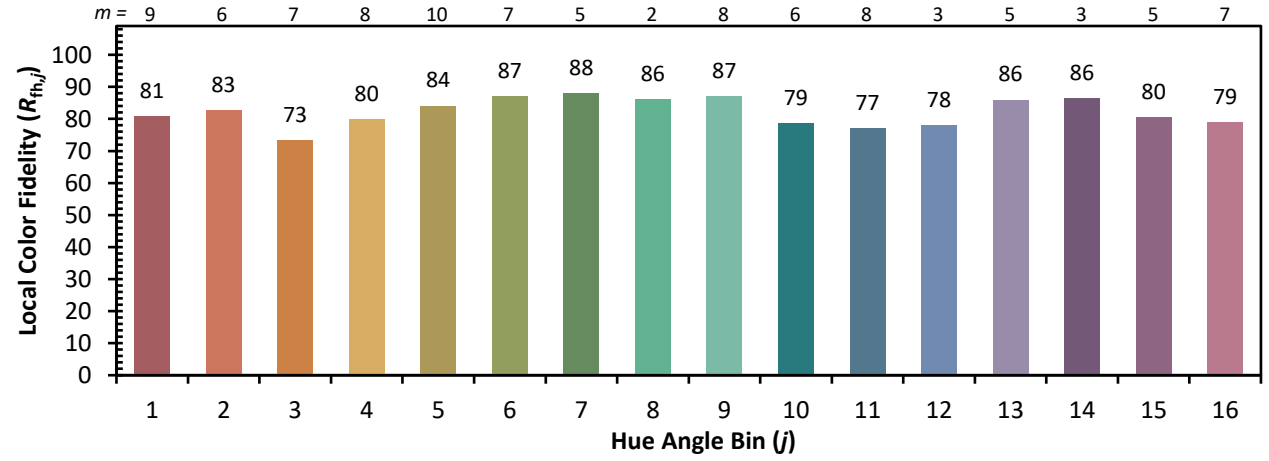
Color Rendition by Hue-Angle Bin







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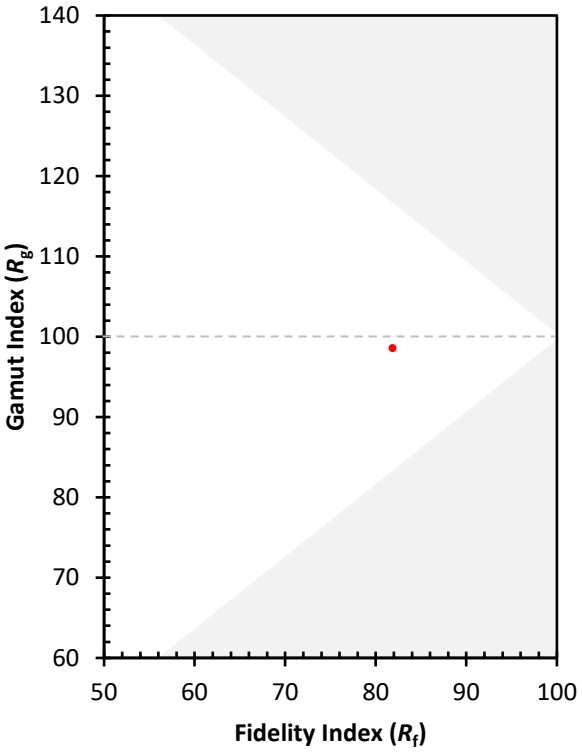
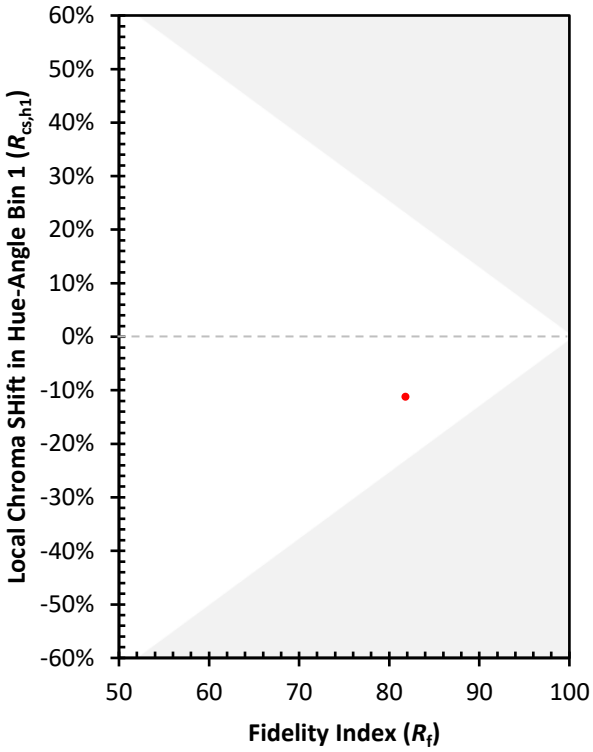
Measure Comparisons





(END OF REPORT)