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: P1458999

Luminaire Tested: GLAN-SB2A-840-U-T4LG-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:	P1458999
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB2A-840-U-T4LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 2xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(52) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6221.4 lumens
Efficiency:	N/A
Efficacy:	108.6 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G2

Input Watts (W):	57.3
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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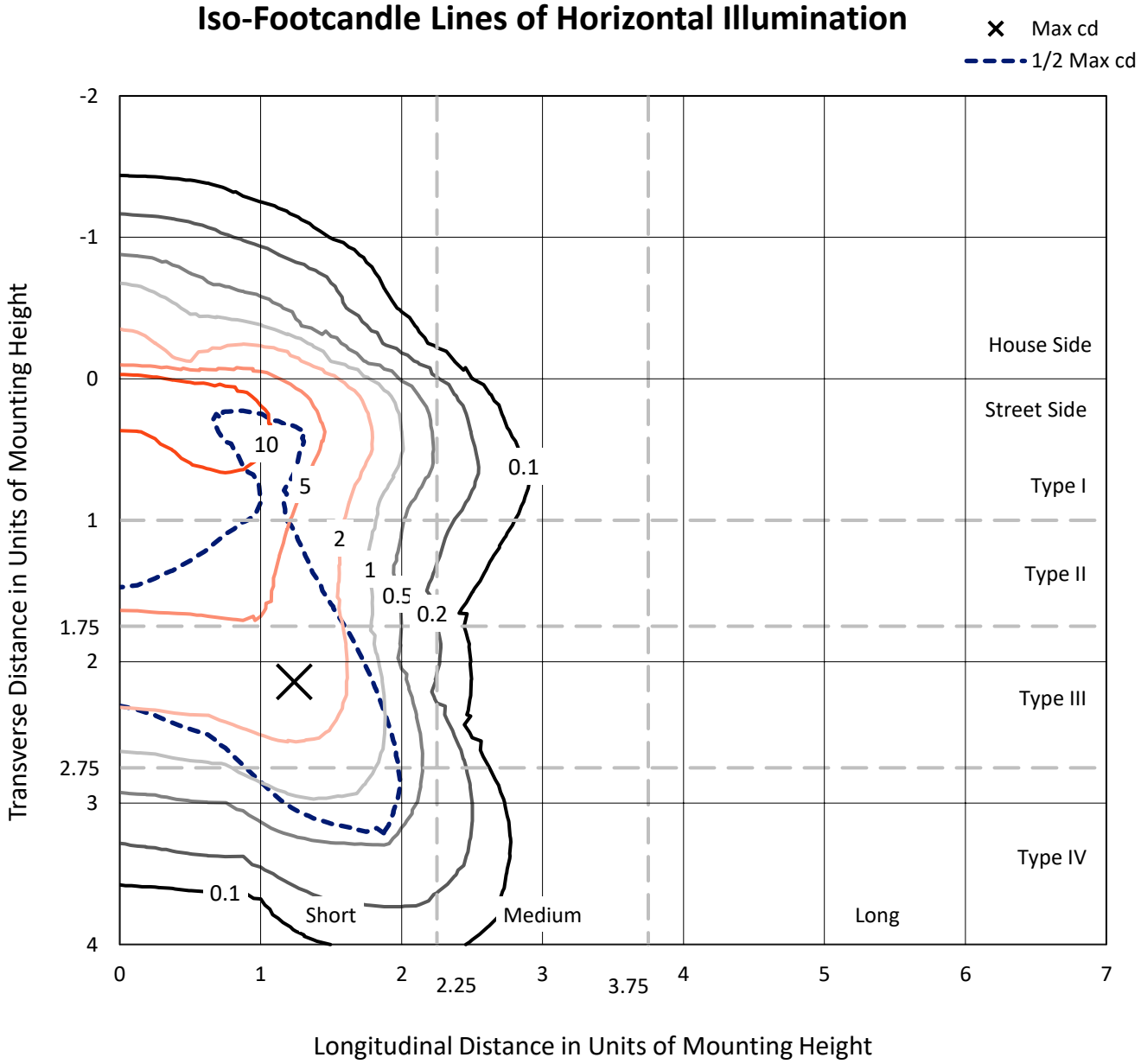
Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 18.8 fc
Type IV - Short - N/A

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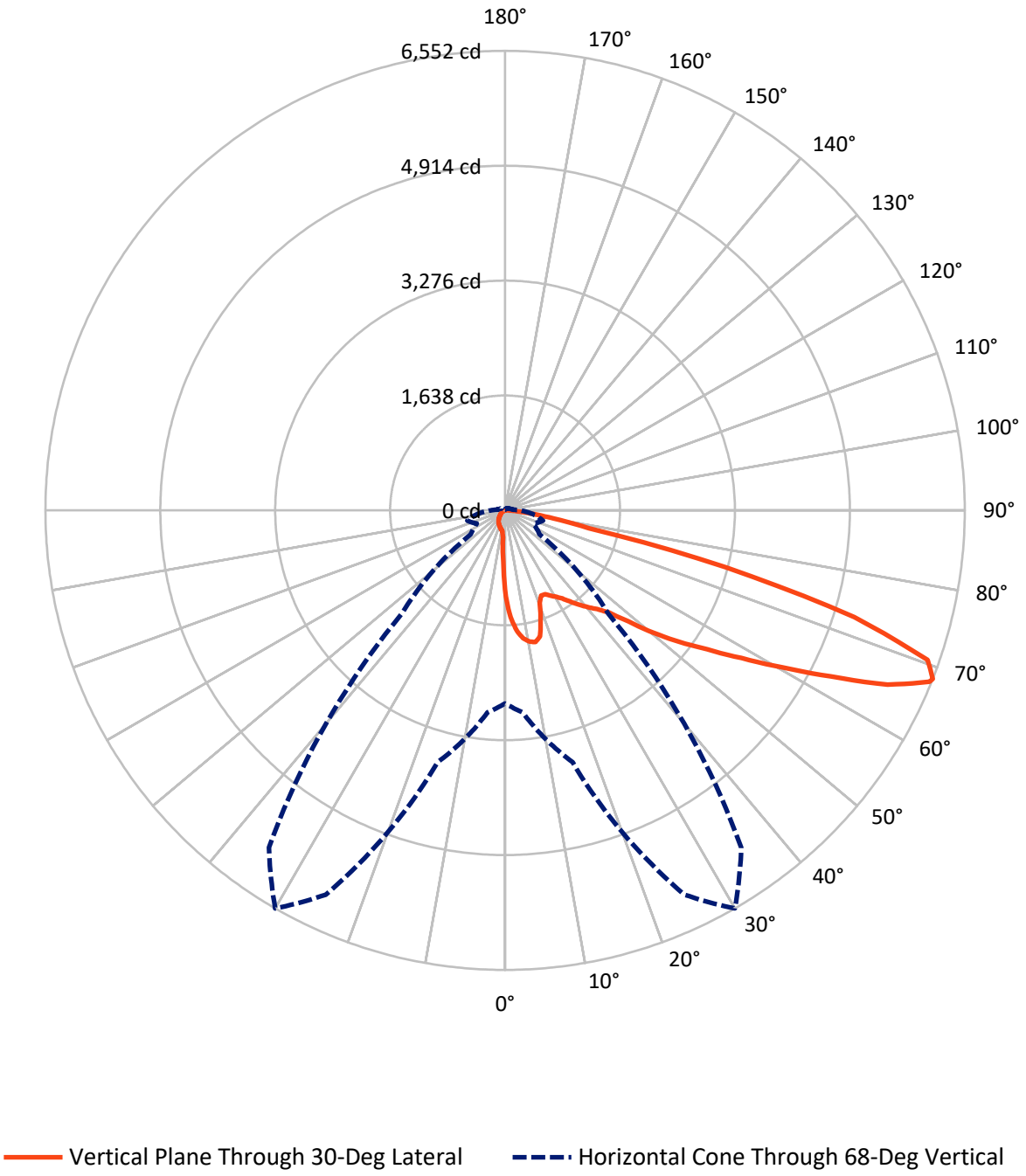
Luminous Intensity Polar Plot



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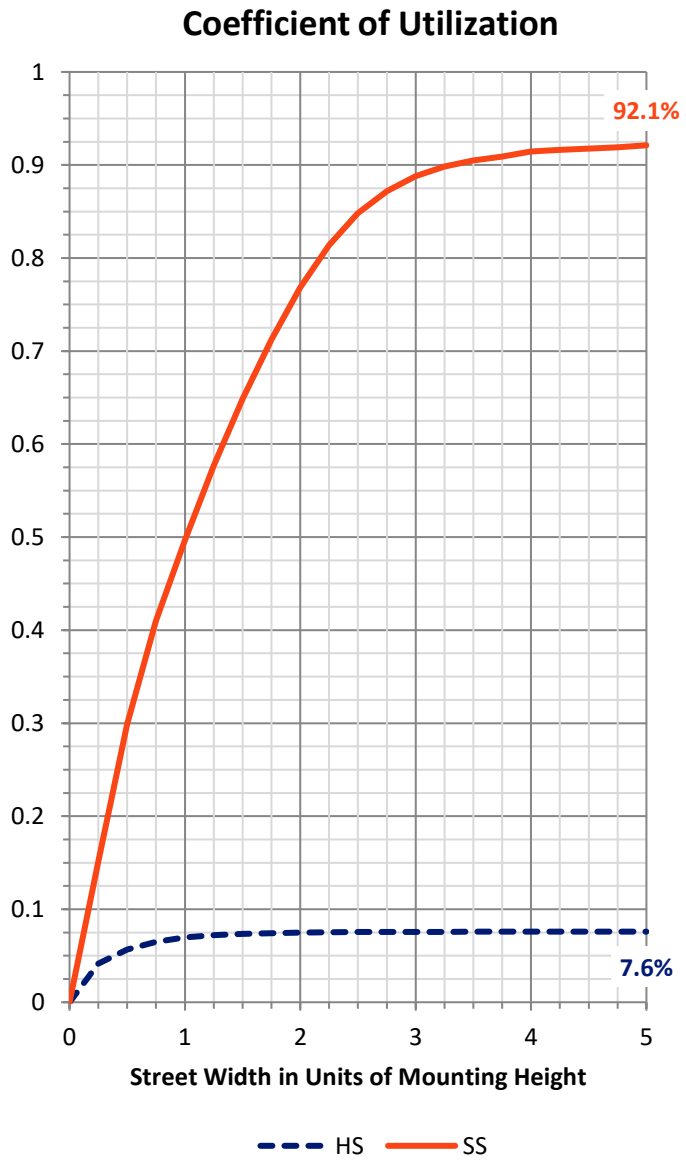
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	474.8	0.0	474.8
	% Fixture	7.6	0.0	7.6
Street Side	Lumens	5746.5	0.0	5746.5
	% Fixture	92.4	0.0	92.4
Total	Lumens	6221.4	0.0	6221.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	105.9	1.7
10°-20°	302.2	4.9
20°-30°	474.9	7.6
30°-40°	744.9	12.0
40°-50°	1113.4	17.9
50°-60°	1481.1	23.8
60°-70°	1431.8	23.0
70°-80°	514.7	8.3
80°-90°	52.5	0.8
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°	6221.4	100.0
0°-180°	6221.4	100.0



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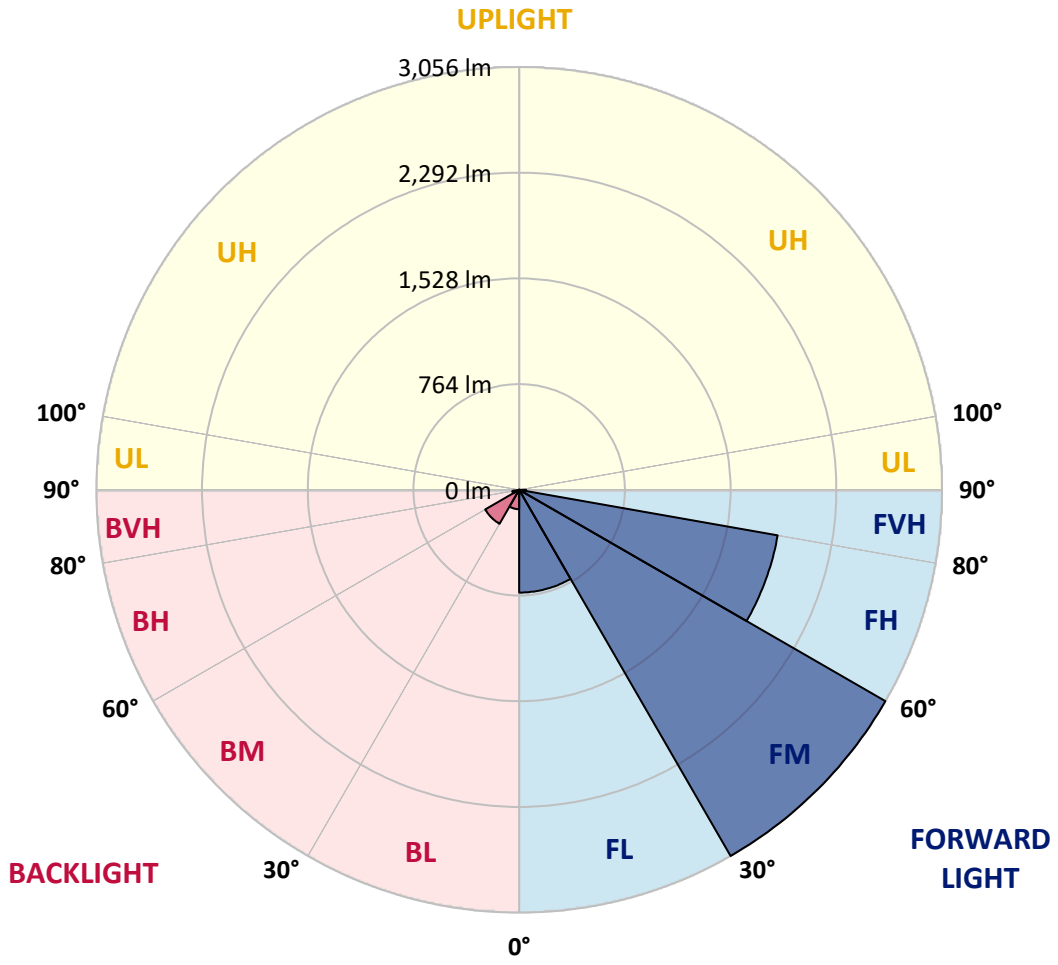
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	742.8	11.9			
FM	(30°-60°)	3055.9	49.1			
FH	(60°-80°)	1897.1	30.5			G2/5000
FVH	(80°-90°)	50.7	0.8			G1/100
BL	(0°-30°)	140.2	2.3	B1/500		
BM	(30°-60°)	283.4	4.6	B1/1000		
BH	(60°-80°)	49.4	0.8	B0/110		G0/110
BVH	(80°-90°)	1.9	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 IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	1226.8	1226.8	1226.8	1226.8	*1226.8*	1226.8	1226.8	1226.8	1226.8	1226.8	1226.8
2.5°	1568.0	1568.0	1556.8	1541.9	*1525.1*	1519.5	1487.8	1443.1	1396.4	1342.4	1264.1
5°	1769.3	1767.5	1745.1	1745.1	*1722.7*	1702.2	1670.5	1605.3	1530.7	1433.7	1297.6
7.5°	1858.8	1862.5	1853.2	1853.2	*1840.2*	1825.3	1806.6	1743.2	1655.6	1525.1	1331.2
10°	1890.5	1892.4	1892.4	1905.4	*1901.7*	1899.8	1898.0	1862.5	1771.2	1618.3	1366.6
12.5°	1814.1	1823.4	1849.5	1907.3	*1925.9*	1946.4	1974.4	1963.2	1899.8	1735.8	1420.7
15°	1568.0	1569.8	1642.5	1786.1	*1862.5*	1940.9	2049.0	2071.4	2030.3	1862.5	1476.6
17.5°	1293.9	1299.5	1357.3	1517.6	*1640.7*	1821.5	2091.9	2183.2	2168.3	1987.5	1528.8
20°	1180.2	1187.6	1215.6	1316.3	*1409.5*	1577.3	2049.0	2289.5	2295.1	2112.4	1577.3
22.5°	1154.1	1159.7	1182.0	1260.3	*1318.1*	1430.0	1903.6	2373.4	2438.7	2255.9	1635.1
25°	1146.6	1152.2	1185.8	1271.5	*1325.6*	1418.8	1771.2	2418.1	2608.3	2405.1	1691.0
27.5°	1141.0	1148.5	1202.5	1312.5	*1375.9*	1465.4	1747.0	2427.5	2770.5	2563.6	1782.4
30°	1148.5	1159.7	1230.5	1355.4	*1428.1*	1528.8	1804.8	2436.8	2949.5	2744.4	1898.0
32.5°	1178.3	1187.6	1273.4	1413.2	*1497.1*	1610.9	1903.6	2492.7	3119.2	2929.0	2008.0
35°	1211.9	1224.9	1327.5	1495.3	*1595.9*	1724.6	2037.8	2602.7	3281.4	3104.2	2121.7
37.5°	1252.9	1267.8	1390.9	1588.5	*1704.1*	1849.5	2183.2	2755.6	3424.9	3247.8	2235.4
40°	1308.8	1325.6	1463.6	1687.3	*1812.2*	1957.6	2326.8	2906.6	3534.9	3333.6	2310.0
42.5°	1528.8	1551.2	1609.0	1784.2	*1924.1*	2073.2	2468.5	3050.2	3575.9	3361.5	2324.9
45°	1939.0	1961.4	1946.4	1980.0	*2073.2*	2213.1	2623.2	3188.1	3581.5	3354.1	2317.5
47.5°	2351.0	2377.1	2364.1	2345.4	*2365.9*	2433.1	2796.6	3275.8	3551.7	3350.3	2317.5
50°	2744.4	2729.5	2731.4	2725.8	*2744.4*	2779.8	2964.4	3292.6	3544.2	3385.8	2338.0
52.5°	2955.1	2962.6	3009.2	3078.1	*3119.2*	3154.6	3156.5	3318.7	3490.2	3326.1	2313.7
55°	3162.0	3177.0	3285.1	3402.6	*3493.9*	3561.0	3348.5	3301.9	3167.6	3126.6	2187.0
57.5°	3395.1	3415.6	3568.5	3810.9	*3971.2*	4006.6	3538.7	2988.7	2681.0	2841.4	1940.9
60°	3715.8	3740.0	3943.2	4306.8	*4545.4*	4472.7	3553.6	2490.9	2129.2	2358.5	1601.5
62.5°	3967.5	4015.9	4383.2	4950.0	*5212.9*	4981.7	3275.8	1909.2	1487.8	1657.5	1169.0
65°	3699.0	3792.2	4390.7	5686.5	*5990.4*	5580.2	2839.5	1303.2	839.0	1072.0	747.6
67.5°	2990.5	3121.0	3898.5	6044.4	*6523.6*	5895.3	2235.4	691.7	481.0	622.7	393.4
68°	*2751.9*	*2893.6*	*3717.6*	*6044.4*	*6551.5*	*5867.3*	*2075.1*	*598.5*	*443.7*	*559.3*	*341.2*
70°	1901.7	2002.4	2858.1	5705.1	*6387.5*	5349.0	1366.6	343.1	333.7	384.1	225.6
72.5°	932.2	1040.3	1528.8	4521.2	*5203.6*	4111.0	622.7	227.5	253.6	281.5	177.1
75°	371.0	393.4	602.2	2229.8	*3251.5*	2623.2	326.3	171.5	218.1	220.0	139.8
77.5°	212.5	225.6	333.7	820.3	*1219.3*	1172.7	210.7	123.1	173.4	158.5	91.4
80°	119.3	121.2	188.3	432.5	*697.3*	624.6	143.6	89.5	132.4	111.9	61.5
82.5°	59.7	67.1	119.3	238.6	*387.8*	397.1	76.4	63.4	106.3	80.2	50.3
85°	42.9	46.6	85.8	132.4	*179.0*	268.5	46.6	31.7	80.2	54.1	35.4
87.5°	22.4	28.0	54.1	65.3	*72.7*	91.4	22.4	14.9	44.7	31.7	18.6
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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REPORT NUMBER: P1458999
CATALOG NUMBER: GLAN-SB2A-840-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1226.8	1226.8	1226.8	1226.8	1226.8	1226.8	1226.8	1226.8	1226.8	1226.8	1226.8
2.5°	1226.8	1183.9	1096.3	993.7	913.6	831.5	764.4	701.0	671.2	667.5	674.9
5°	1221.2	1128.0	928.5	732.7	572.4	460.5	399.0	367.3	350.5	343.1	344.9
7.5°	1210.0	1068.3	749.5	495.9	371.0	322.5	307.6	302.0	300.2	300.2	300.2
10°	1198.8	988.1	574.2	363.6	303.9	290.8	287.1	287.1	285.3	285.3	287.1
12.5°	1193.2	913.6	445.6	303.9	283.4	277.8	274.1	272.2	272.2	272.2	274.1
15°	1180.2	831.5	359.8	281.5	270.3	262.9	261.0	259.2	259.2	259.2	259.2
17.5°	1169.0	751.4	313.2	266.6	257.3	249.8	248.0	246.1	246.1	248.0	248.0
20°	1152.2	674.9	281.5	251.7	244.2	236.8	234.9	233.1	234.9	234.9	234.9
22.5°	1131.7	611.5	262.9	240.5	231.2	223.7	223.7	223.7	223.7	223.7	225.6
25°	1118.6	566.8	249.8	227.5	218.1	212.5	210.7	210.7	214.4	214.4	216.3
27.5°	1139.2	555.6	251.7	223.7	206.9	201.4	199.5	199.5	203.2	205.1	206.9
30°	1200.7	576.1	274.1	234.9	199.5	190.2	188.3	188.3	193.9	195.8	197.6
32.5°	1271.5	619.0	307.6	249.8	193.9	179.0	175.3	175.3	180.8	182.7	184.6
35°	1368.5	686.1	352.4	262.9	197.6	167.8	160.3	160.3	164.1	167.8	169.7
37.5°	1493.4	796.1	404.6	272.2	197.6	154.7	145.4	143.6	147.3	147.3	149.2
40°	1623.9	939.7	458.6	272.2	188.3	141.7	132.4	126.8	128.6	126.8	128.6
42.5°	1696.6	1055.3	505.3	255.4	177.1	128.6	119.3	111.9	110.0	106.3	108.1
45°	1737.6	1107.5	492.2	236.8	165.9	119.3	108.1	98.8	95.1	89.5	89.5
47.5°	1737.6	1113.1	421.4	221.9	154.7	111.9	96.9	87.6	82.0	76.4	78.3
50°	1717.1	1062.7	333.7	206.9	141.7	104.4	87.6	80.2	72.7	69.0	69.0
52.5°	1631.4	898.6	255.4	188.3	126.8	95.1	78.3	70.8	63.4	61.5	61.5
55°	1484.1	660.0	206.9	169.7	113.7	87.6	70.8	65.3	57.8	54.1	54.1
57.5°	1206.3	451.2	171.5	152.9	100.7	78.3	63.4	57.8	48.5	44.7	44.7
60°	894.9	294.6	145.4	134.2	85.8	70.8	55.9	48.5	41.0	37.3	35.4
62.5°	604.1	199.5	121.2	106.3	72.7	61.5	48.5	41.0	31.7	24.2	24.2
65°	376.6	154.7	100.7	83.9	63.4	54.1	41.0	31.7	22.4	16.8	14.9
67.5°	216.3	124.9	82.0	65.3	54.1	42.9	31.7	26.1	18.6	13.1	11.2
68°	*199.5*	*119.3*	*76.4*	*61.5*	*50.3*	*41.0*	*29.8*	*24.2*	*16.8*	*11.2*	*11.2*
70°	162.2	106.3	65.3	50.3	42.9	33.6	26.1	20.5	13.1	7.5	7.5
72.5°	143.6	89.5	55.9	39.2	29.8	28.0	20.5	14.9	9.3	5.6	3.7
75°	117.5	70.8	44.7	29.8	20.5	20.5	14.9	9.3	3.7	0.0	0.0
77.5°	76.4	52.2	35.4	18.6	11.2	13.1	9.3	3.7	0.0	0.0	0.0
80°	50.3	39.2	24.2	9.3	5.6	5.6	1.9	0.0	0.0	0.0	0.0
82.5°	35.4	26.1	14.9	3.7	1.9	1.9	0.0	0.0	0.0	0.0	0.0
85°	22.4	11.2	5.6	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	9.3	3.7	1.9	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

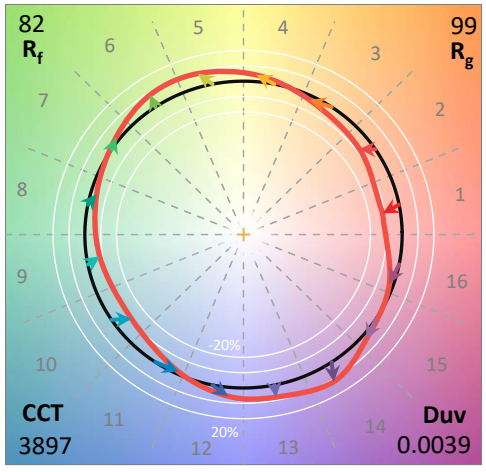
Test Information

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

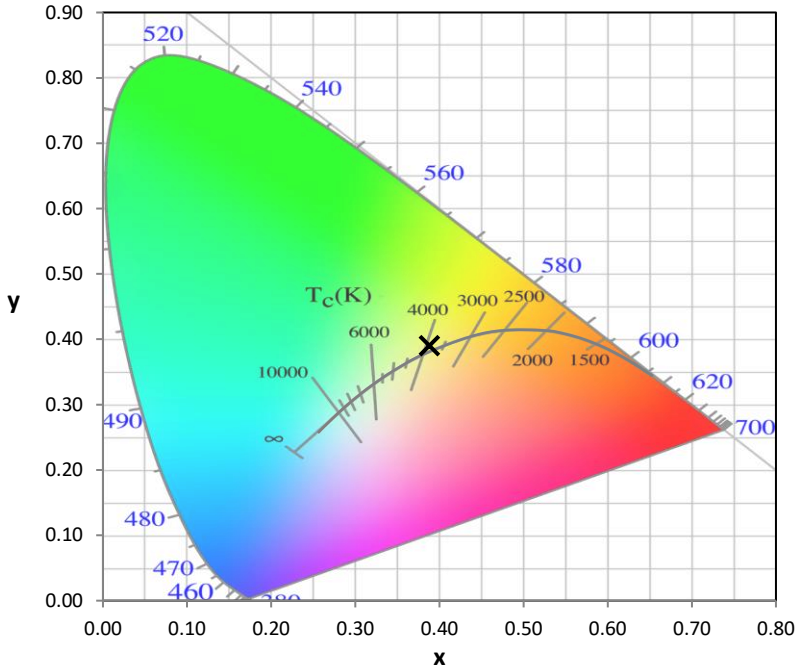
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

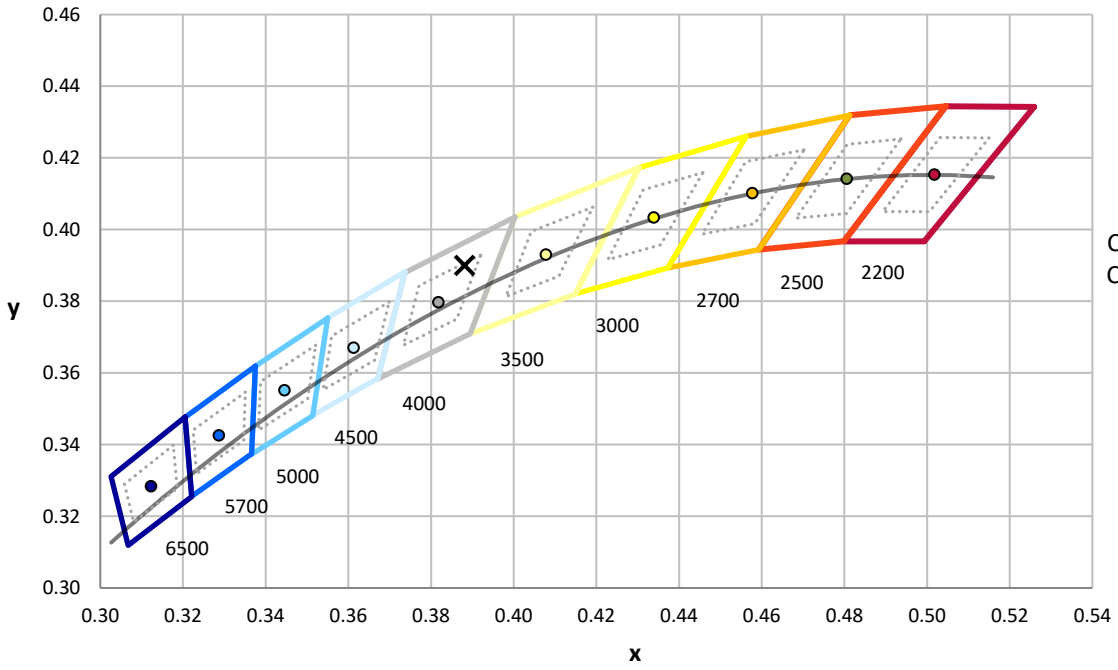
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

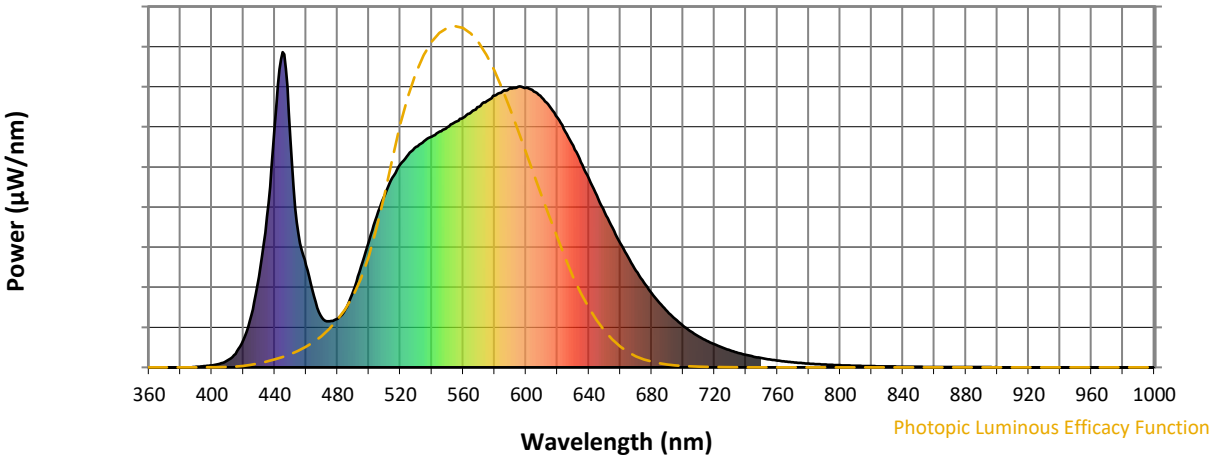


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

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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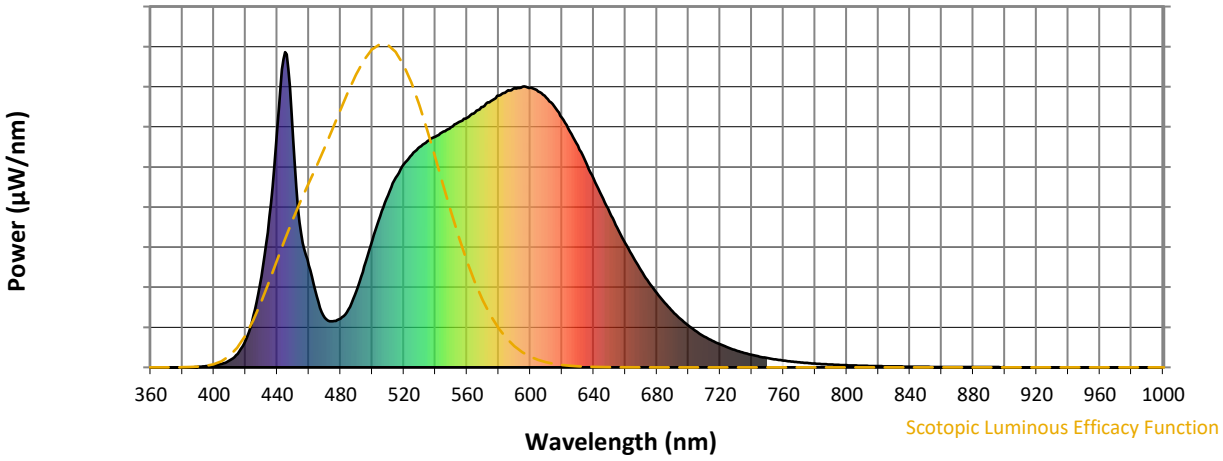
Scotopic Flux vs. Wavelength



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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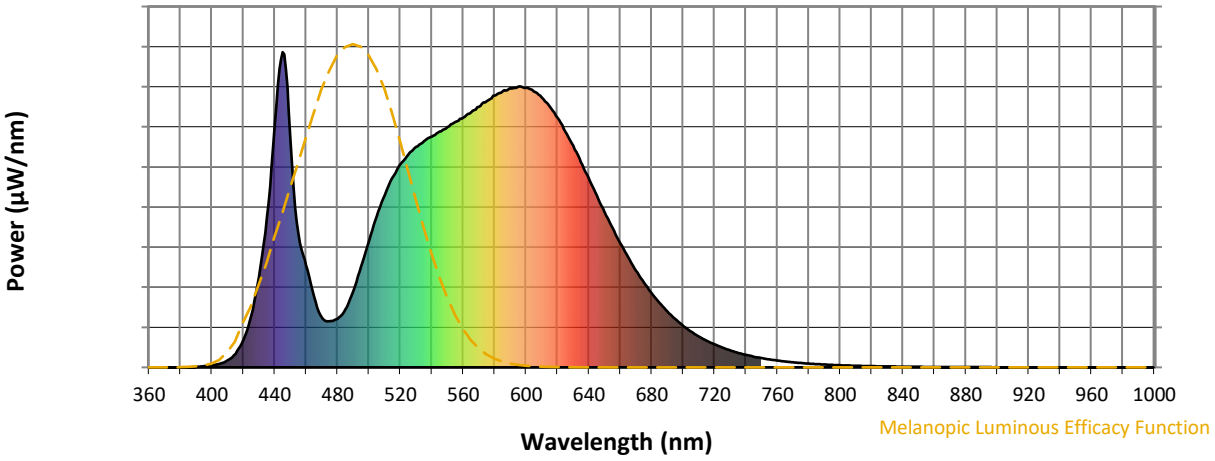
Melanopic Flux vs. Wavelength



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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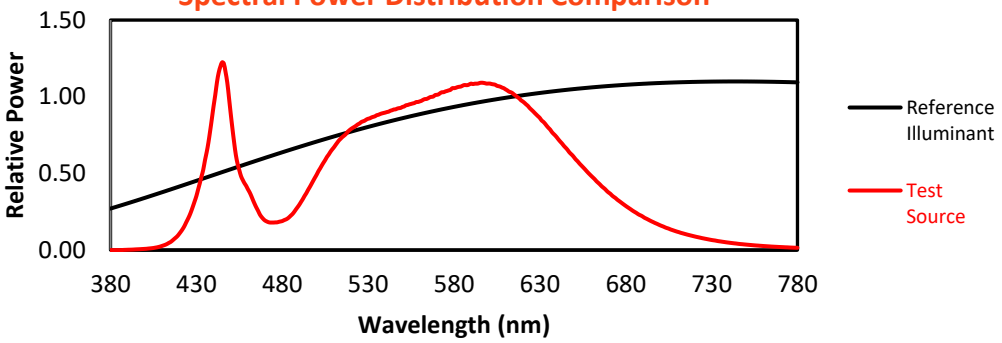
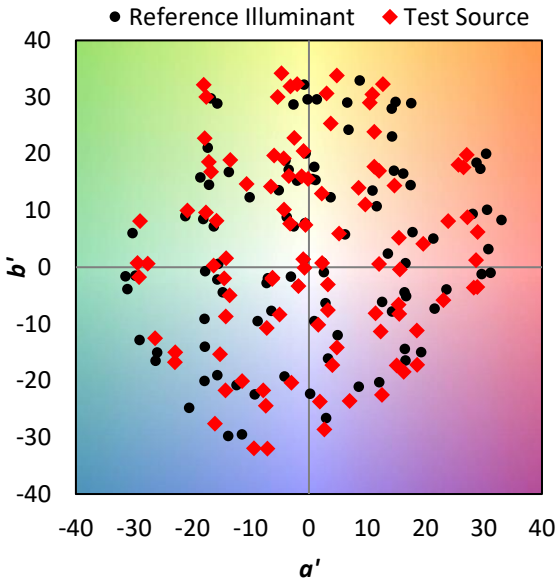
Summary

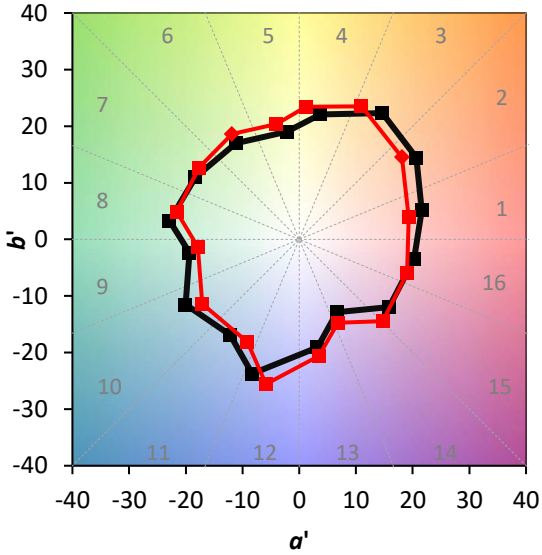
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

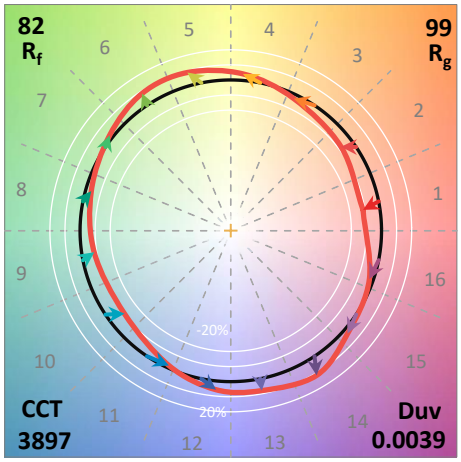
Spectral Power Distribution Comparison

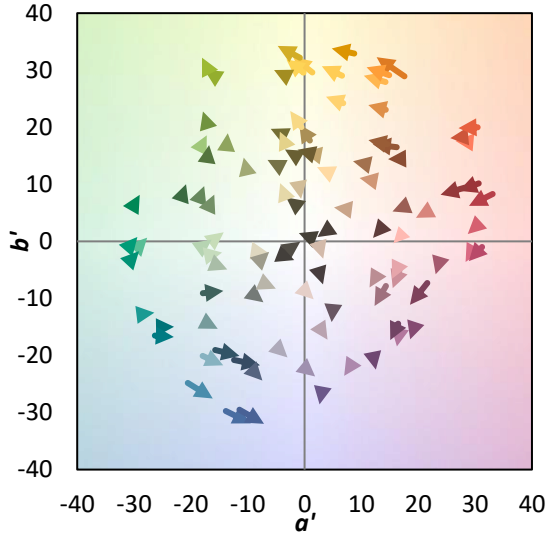


Color Vector Graphics









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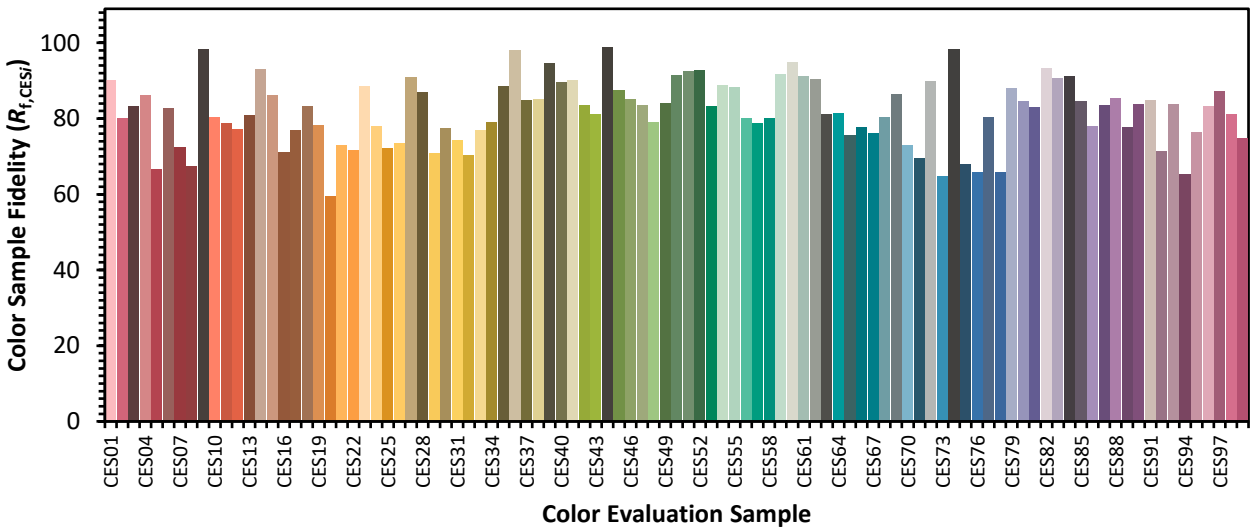
Individual Sample Fidelity Index ($R_{f,i}$)

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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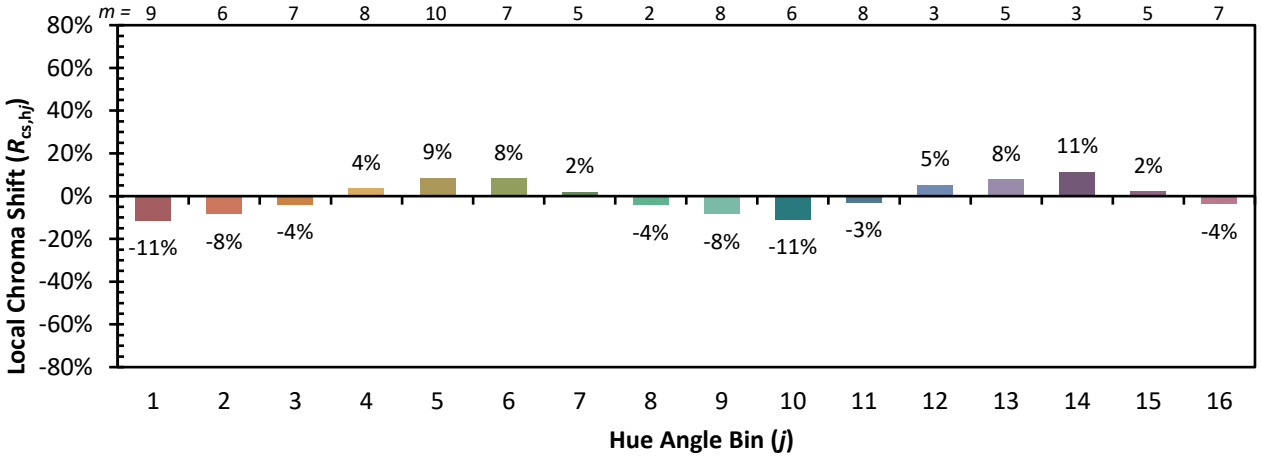
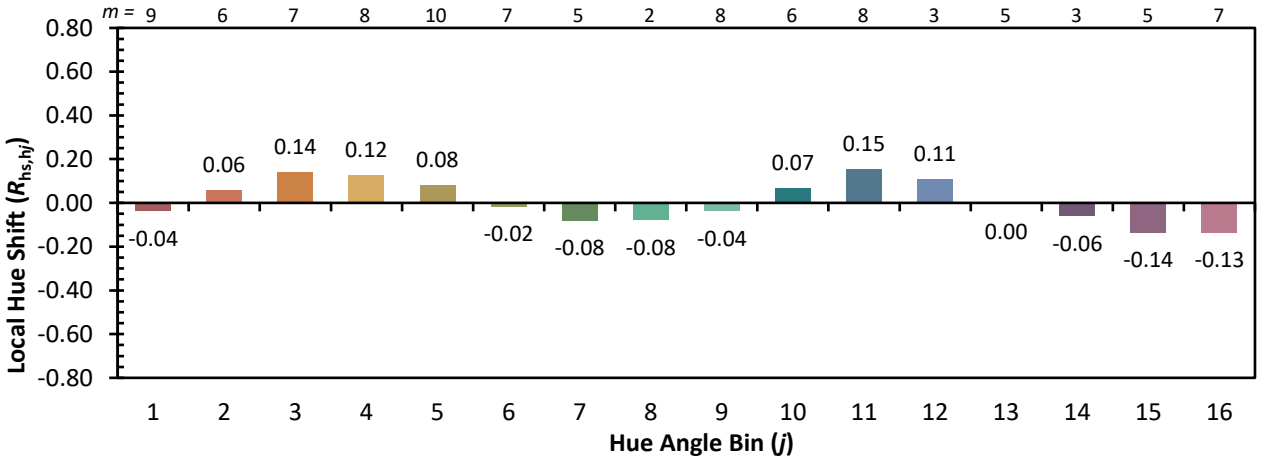
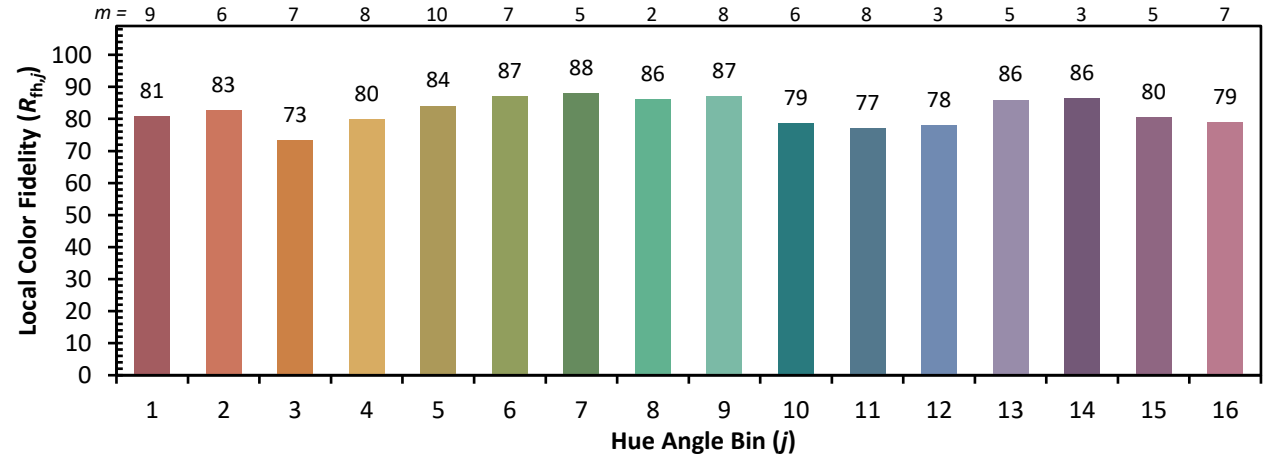
Color Rendition by Hue-Angle Bin







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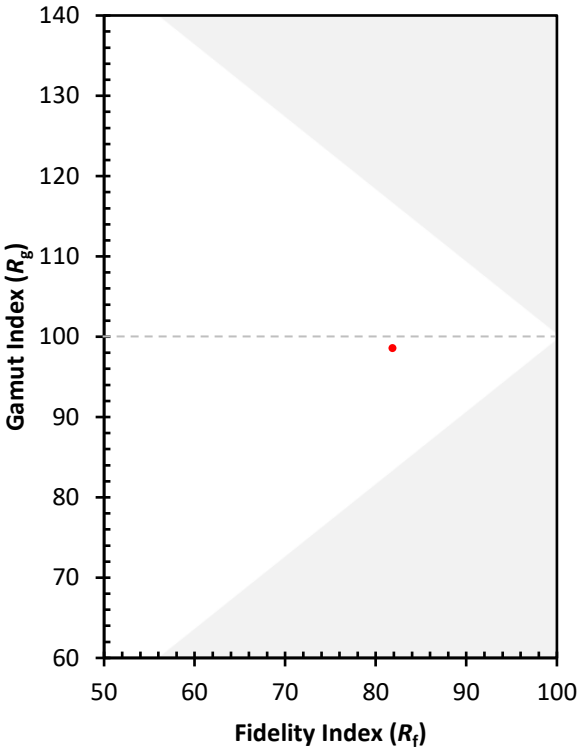
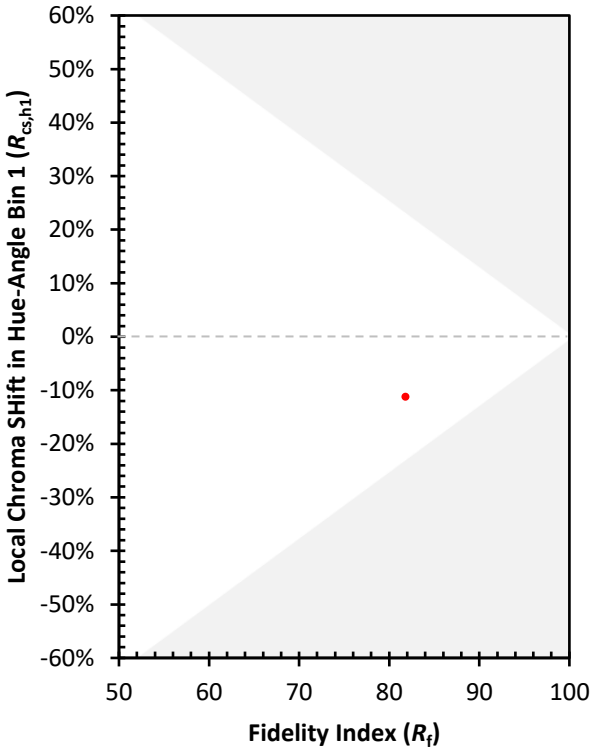
Measure Comparisons





(END OF REPORT)