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: P1458997

Luminaire Tested: GLAN-SB1C-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:	P1458997
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB1C-840-U-T4LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 615mA 1xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE IV 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:	5195.5 lumens
Efficiency:	N/A
Efficacy:	95.5 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G1

Input Watts (W):	54.4
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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REPORT NUMBER: P1458997
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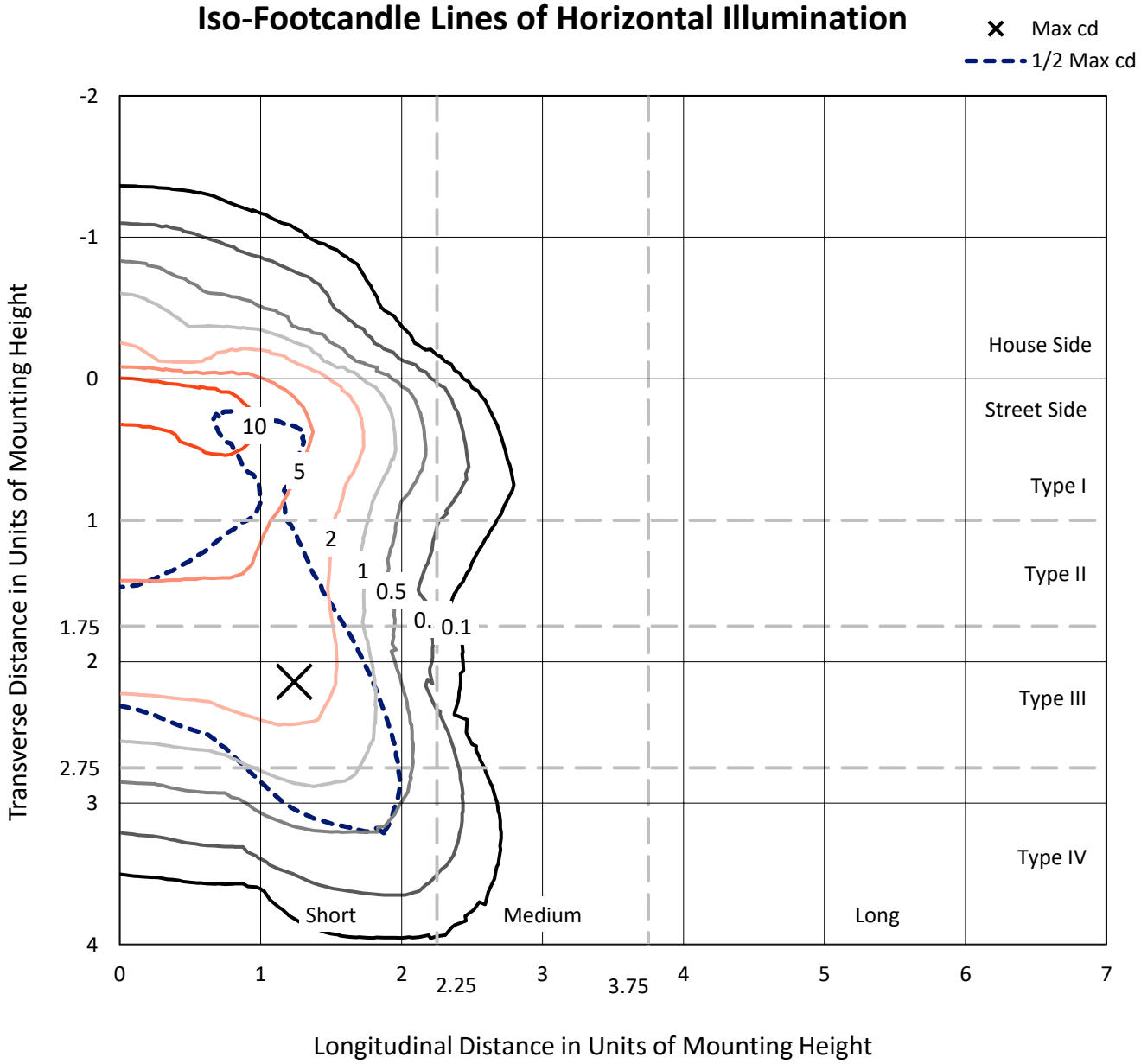
Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 15.7 fc
Type IV - Short - N/A

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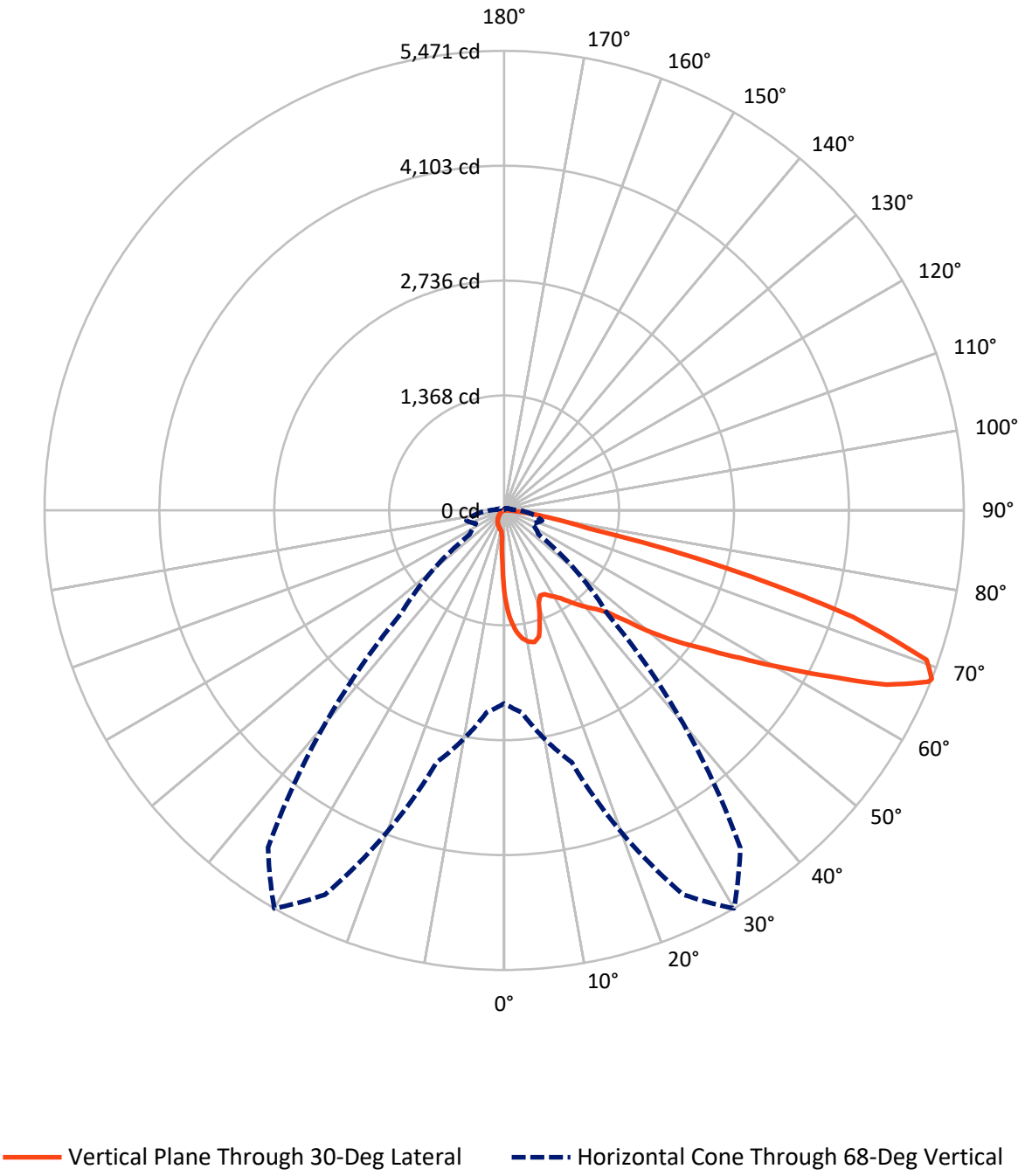
Luminous Intensity Polar Plot



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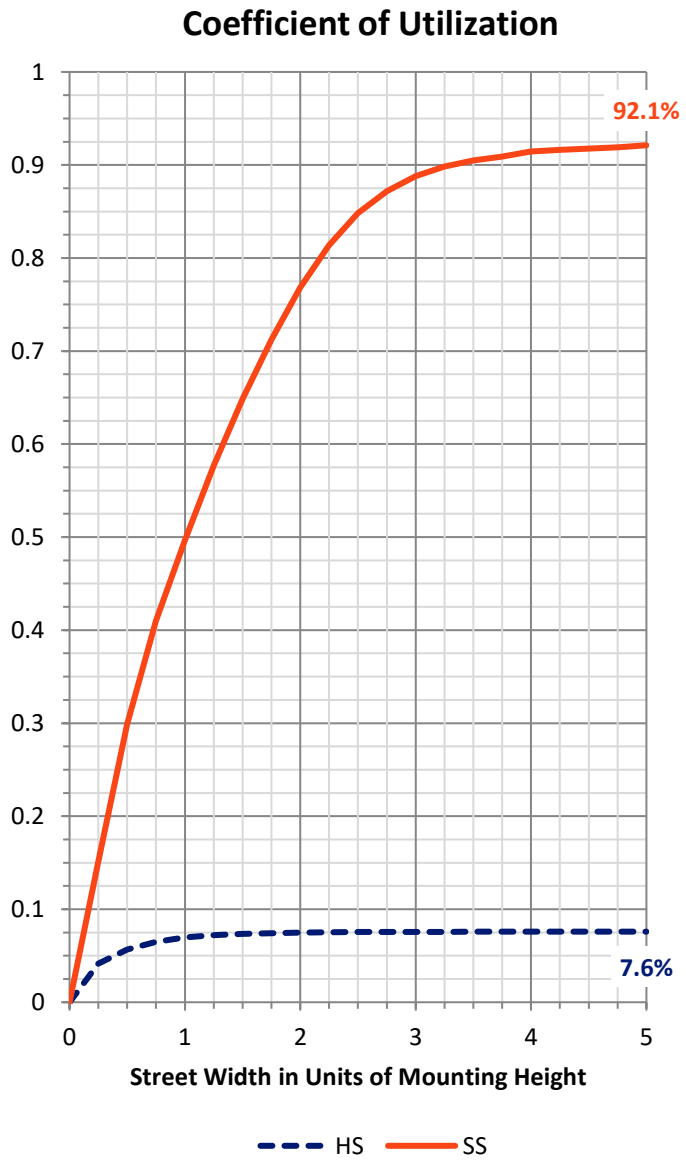
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	396.6	0.0	396.6
	% Fixture	7.6	0.0	7.6
Street Side	Lumens	4798.9	0.0	4798.9
	% Fixture	92.4	0.0	92.4
Total	Lumens	5195.5	0.0	5195.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	88.4	1.7
10°-20°	252.4	4.9
20°-30°	396.6	7.6
30°-40°	622.0	12.0
40°-50°	929.8	17.9
50°-60°	1236.9	23.8
60°-70°	1195.7	23.0
70°-80°	429.8	8.3
80°-90°	43.9	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°	5195.5	100.0
0°-180°	5195.5	100.0



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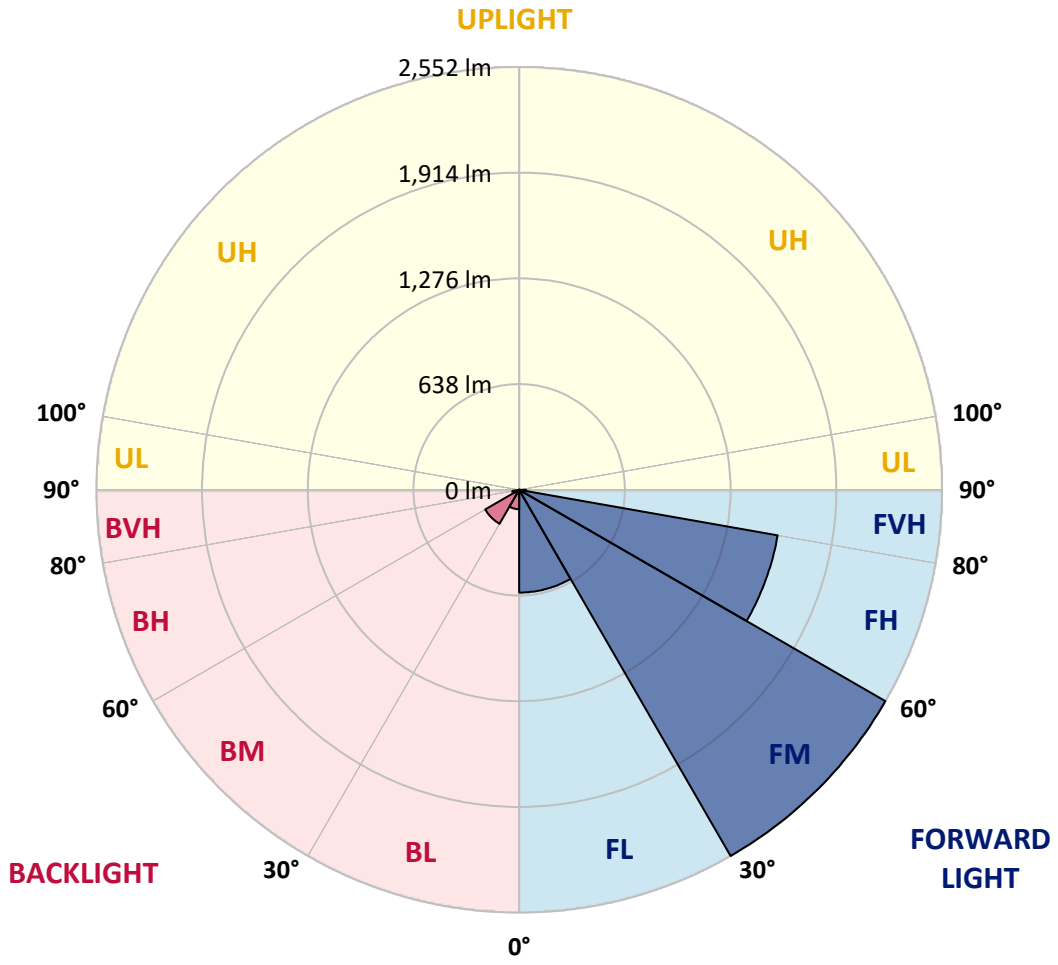
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	620.3	11.9			
FM	(30°-60°)	2552.0	49.1			
FH	(60°-80°)	1584.3	30.5			G1/1800
FVH	(80°-90°)	42.3	0.8			G1/100
BL	(0°-30°)	117.0	2.3	B1/500		
BM	(30°-60°)	236.7	4.6	B1/1000		
BH	(60°-80°)	41.2	0.8	B0/110		G0/110
BVH	(80°-90°)	1.6	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	1024.5	1024.5	1024.5	1024.5	*1024.5*	1024.5	1024.5	1024.5	1024.5	1024.5	1024.5
2.5°	1309.4	1309.4	1300.1	1287.6	*1273.6*	1268.9	1242.5	1205.1	1166.2	1121.0	1055.6
5°	1477.6	1476.0	1457.3	1457.3	*1438.6*	1421.5	1395.1	1340.6	1278.3	1197.3	1083.7
7.5°	1552.3	1555.4	1547.6	1547.6	*1536.7*	1524.3	1508.7	1455.8	1382.6	1273.6	1111.7
10°	1578.8	1580.3	1580.3	1591.2	*1588.1*	1586.6	1585.0	1555.4	1479.1	1351.5	1141.3
12.5°	1514.9	1522.7	1544.5	1592.8	*1608.4*	1625.5	1648.8	1639.5	1586.6	1449.5	1186.4
15°	1309.4	1311.0	1371.7	1491.6	*1555.4*	1620.8	1711.1	1729.8	1695.5	1555.4	1233.1
17.5°	1080.5	1085.2	1133.5	1267.4	*1370.1*	1521.2	1746.9	1823.2	1810.8	1659.7	1276.7
20°	985.6	991.8	1015.2	1099.2	*1177.1*	1317.2	1711.1	1912.0	1916.6	1764.1	1317.2
22.5°	963.8	968.4	987.1	1052.5	*1100.8*	1194.2	1589.7	1982.0	2036.5	1883.9	1365.5
25°	957.5	962.2	990.2	1061.9	*1107.0*	1184.9	1479.1	2019.4	2178.2	2008.5	1412.2
27.5°	952.9	959.1	1004.3	1096.1	*1149.1*	1223.8	1458.9	2027.2	2313.7	2140.8	1488.5
30°	959.1	968.4	1027.6	1131.9	*1192.6*	1276.7	1507.2	2035.0	2463.1	2291.9	1585.0
32.5°	984.0	991.8	1063.4	1180.2	*1250.3*	1345.2	1589.7	2081.7	2604.8	2446.0	1676.9
35°	1012.0	1022.9	1108.6	1248.7	*1332.8*	1440.2	1701.8	2173.5	2740.3	2592.4	1771.8
37.5°	1046.3	1058.7	1161.5	1326.5	*1423.1*	1544.5	1823.2	2301.2	2860.2	2712.3	1866.8
40°	1093.0	1107.0	1222.2	1409.1	*1513.4*	1634.8	1943.1	2427.3	2952.0	2783.9	1929.1
42.5°	1276.7	1295.4	1343.7	1490.0	*1606.8*	1731.4	2061.4	2547.2	2986.3	2807.2	1941.6
45°	1619.3	1637.9	1625.5	1653.5	*1731.4*	1848.1	2190.7	2662.4	2991.0	2801.0	1935.3
47.5°	1963.4	1985.1	1974.2	1958.7	*1975.8*	2031.9	2335.5	2735.6	2966.0	2797.9	1935.3
50°	2291.9	2279.4	2281.0	2276.3	*2291.9*	2321.5	2475.6	2749.6	2959.8	2827.5	1952.5
52.5°	2467.8	2474.0	2513.0	2570.6	*2604.8*	2634.4	2636.0	2771.4	2914.7	2777.7	1932.2
55°	2640.6	2653.1	2743.4	2841.5	*2917.8*	2973.8	2796.3	2757.4	2645.3	2611.1	1826.3
57.5°	2835.3	2852.4	2980.1	3182.5	*3316.4*	3345.9	2955.1	2495.8	2238.9	2372.8	1620.8
60°	3103.1	3123.3	3293.0	3596.6	*3795.9*	3735.2	2967.6	2080.1	1778.1	1969.6	1337.4
62.5°	3313.3	3353.7	3660.5	4133.8	*4353.3*	4160.2	2735.6	1594.3	1242.5	1384.2	976.2
65°	3089.0	3166.9	3666.7	4748.8	*5002.6*	4660.0	2371.3	1088.3	700.6	895.3	624.3
67.5°	2497.4	2606.4	3255.6	5047.7	*5447.9*	4923.2	1866.8	577.6	401.7	520.0	328.5
68°	*2298.1*	*2416.4*	*3104.6*	*5047.7*	*5471.2*	*4899.8*	*1732.9*	*499.8*	*370.6*	*467.1*	*284.9*
70°	1588.1	1672.2	2386.8	4764.4	*5334.2*	4467.0	1141.3	286.5	278.7	320.7	188.4
72.5°	778.5	868.8	1276.7	3775.7	*4345.5*	3433.1	520.0	190.0	211.7	235.1	147.9
75°	309.8	328.5	502.9	1862.1	*2715.4*	2190.7	272.5	143.2	182.2	183.7	116.8
77.5°	177.5	188.4	278.7	685.1	*1018.3*	979.3	175.9	102.8	144.8	132.3	76.3
80°	99.6	101.2	157.3	361.2	*582.3*	521.6	119.9	74.7	110.5	93.4	51.4
82.5°	49.8	56.1	99.6	199.3	*323.9*	331.6	63.8	52.9	88.7	67.0	42.0
85°	35.8	38.9	71.6	110.5	*149.5*	224.2	38.9	26.5	67.0	45.2	29.6
87.5°	18.7	23.4	45.2	54.5	*60.7*	76.3	18.7	12.5	37.4	26.5	15.6
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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CATALOG NUMBER: GLAN-SB1C-840-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1024.5	1024.5	1024.5	1024.5	1024.5	1024.5	1024.5	1024.5	1024.5	1024.5	1024.5
2.5°	1024.5	988.7	915.5	829.9	762.9	694.4	638.4	585.4	560.5	557.4	563.6
5°	1019.8	942.0	775.4	611.9	478.0	384.6	333.2	306.7	292.7	286.5	288.0
7.5°	1010.5	892.1	625.9	414.2	309.8	269.4	256.9	252.2	250.7	250.7	250.7
10°	1001.1	825.2	479.5	303.6	253.8	242.9	239.8	239.8	238.2	238.2	239.8
12.5°	996.5	762.9	372.1	253.8	236.7	232.0	228.9	227.3	227.3	227.3	228.9
15°	985.6	694.4	300.5	235.1	225.8	219.5	218.0	216.4	216.4	216.4	216.4
17.5°	976.2	627.5	261.6	222.6	214.9	208.6	207.1	205.5	205.5	207.1	207.1
20°	962.2	563.6	235.1	210.2	204.0	197.7	196.2	194.6	196.2	196.2	196.2
22.5°	945.1	510.7	219.5	200.9	193.1	186.8	186.8	186.8	186.8	186.8	188.4
25°	934.2	473.3	208.6	190.0	182.2	177.5	175.9	175.9	179.1	179.1	180.6
27.5°	951.3	464.0	210.2	186.8	172.8	168.2	166.6	166.6	169.7	171.3	172.8
30°	1002.7	481.1	228.9	196.2	166.6	158.8	157.3	157.3	161.9	163.5	165.0
32.5°	1061.9	516.9	256.9	208.6	161.9	149.5	146.4	146.4	151.0	152.6	154.1
35°	1142.8	573.0	294.3	219.5	165.0	140.1	133.9	133.9	137.0	140.1	141.7
37.5°	1247.1	664.8	337.9	227.3	165.0	129.2	121.4	119.9	123.0	123.0	124.6
40°	1356.1	784.7	383.0	227.3	157.3	118.3	110.5	105.9	107.4	105.9	107.4
42.5°	1416.9	881.2	421.9	213.3	147.9	107.4	99.6	93.4	91.9	88.7	90.3
45°	1451.1	924.8	411.0	197.7	138.6	99.6	90.3	82.5	79.4	74.7	74.7
47.5°	1451.1	929.5	351.9	185.3	129.2	93.4	81.0	73.2	68.5	63.8	65.4
50°	1434.0	887.5	278.7	172.8	118.3	87.2	73.2	67.0	60.7	57.6	57.6
52.5°	1362.4	750.5	213.3	157.3	105.9	79.4	65.4	59.2	52.9	51.4	51.4
55°	1239.4	551.2	172.8	141.7	95.0	73.2	59.2	54.5	48.3	45.2	45.2
57.5°	1007.4	376.8	143.2	127.7	84.1	65.4	52.9	48.3	40.5	37.4	37.4
60°	747.3	246.0	121.4	112.1	71.6	59.2	46.7	40.5	34.3	31.1	29.6
62.5°	504.5	166.6	101.2	88.7	60.7	51.4	40.5	34.3	26.5	20.2	20.2
65°	314.5	129.2	84.1	70.1	52.9	45.2	34.3	26.5	18.7	14.0	12.5
67.5°	180.6	104.3	68.5	54.5	45.2	35.8	26.5	21.8	15.6	10.9	9.3
68°	*166.6*	*99.6*	*63.8*	*51.4*	*42.0*	*34.3*	*24.9*	*20.2*	*14.0*	*9.3*	*9.3*
70°	135.5	88.7	54.5	42.0	35.8	28.0	21.8	17.1	10.9	6.2	6.2
72.5°	119.9	74.7	46.7	32.7	24.9	23.4	17.1	12.5	7.8	4.7	3.1
75°	98.1	59.2	37.4	24.9	17.1	17.1	12.5	7.8	3.1	0.0	0.0
77.5°	63.8	43.6	29.6	15.6	9.3	10.9	7.8	3.1	0.0	0.0	0.0
80°	42.0	32.7	20.2	7.8	4.7	4.7	1.6	0.0	0.0	0.0	0.0
82.5°	29.6	21.8	12.5	3.1	1.6	1.6	0.0	0.0	0.0	0.0	0.0
85°	18.7	9.3	4.7	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.8	3.1	1.6	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

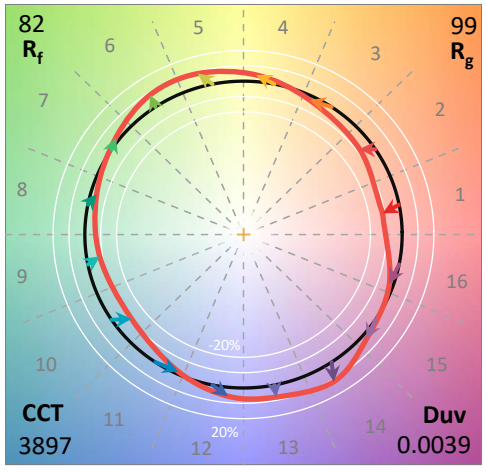
Test Information

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

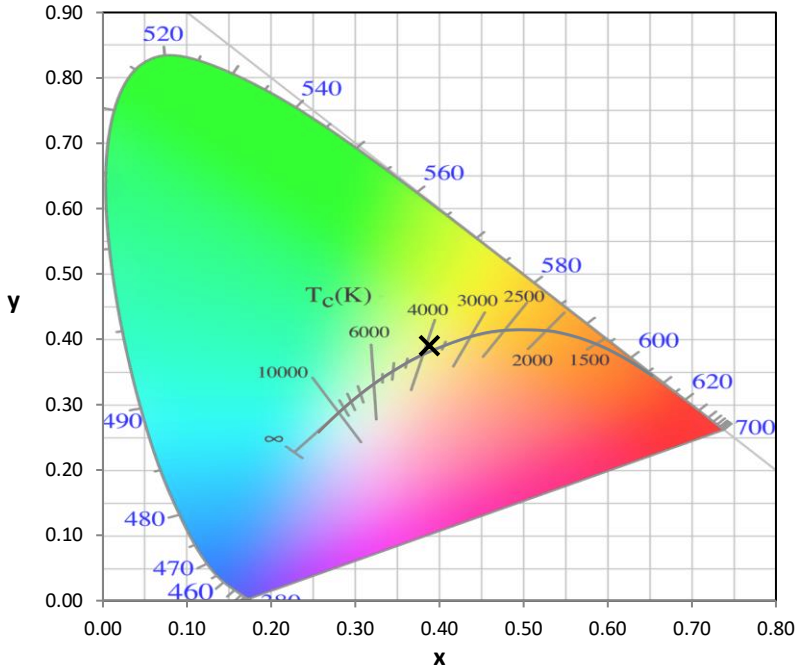
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

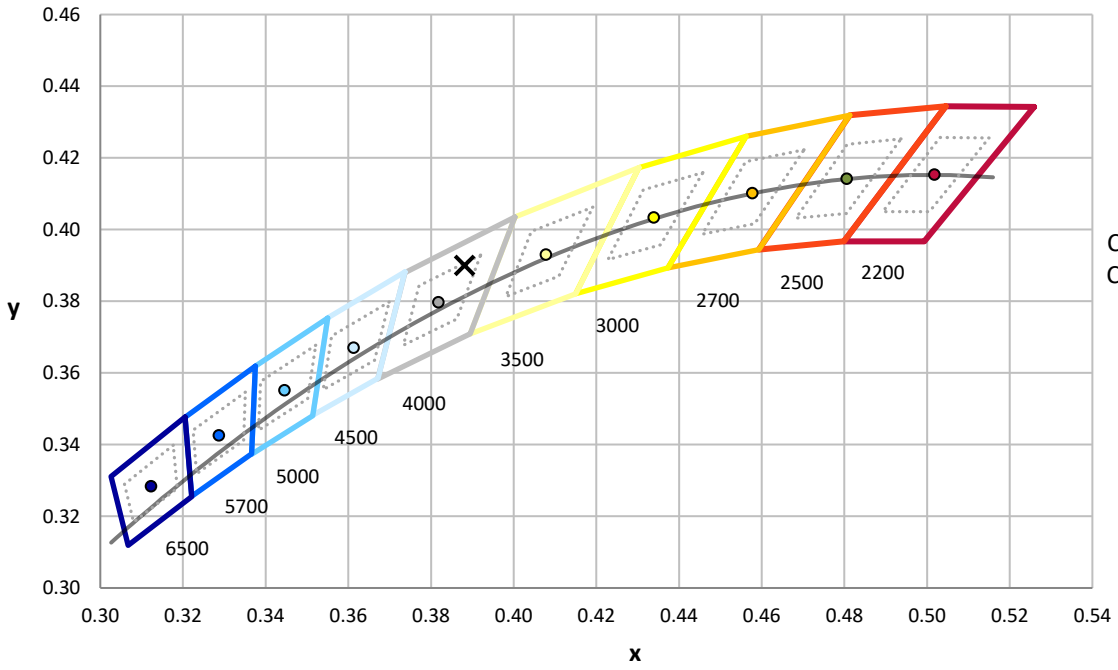
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

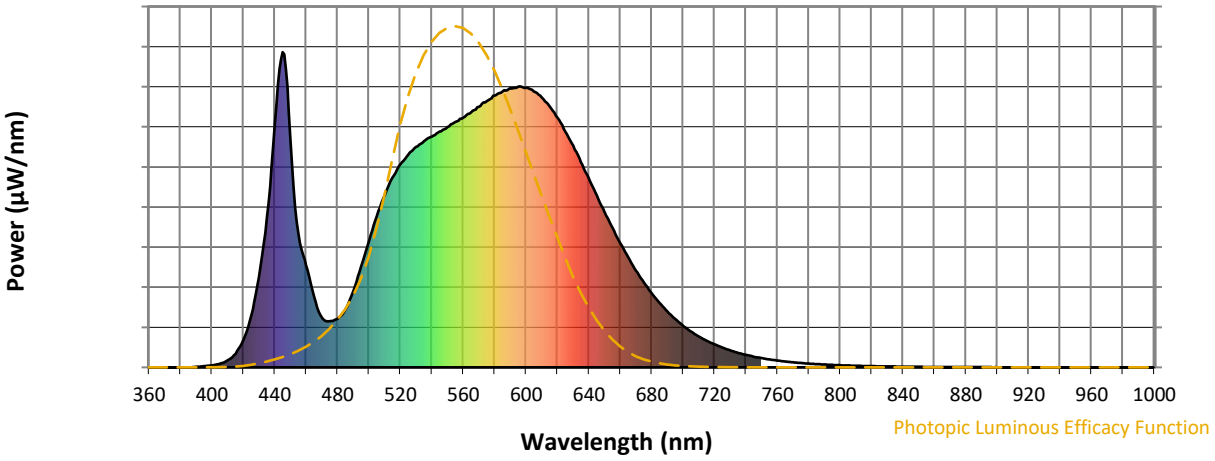


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

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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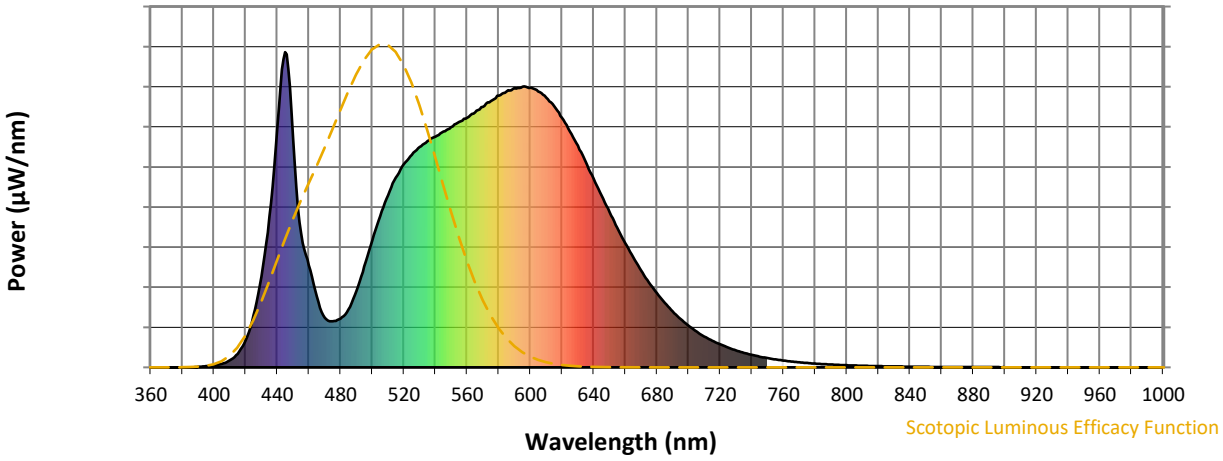
Scotopic Flux vs. Wavelength



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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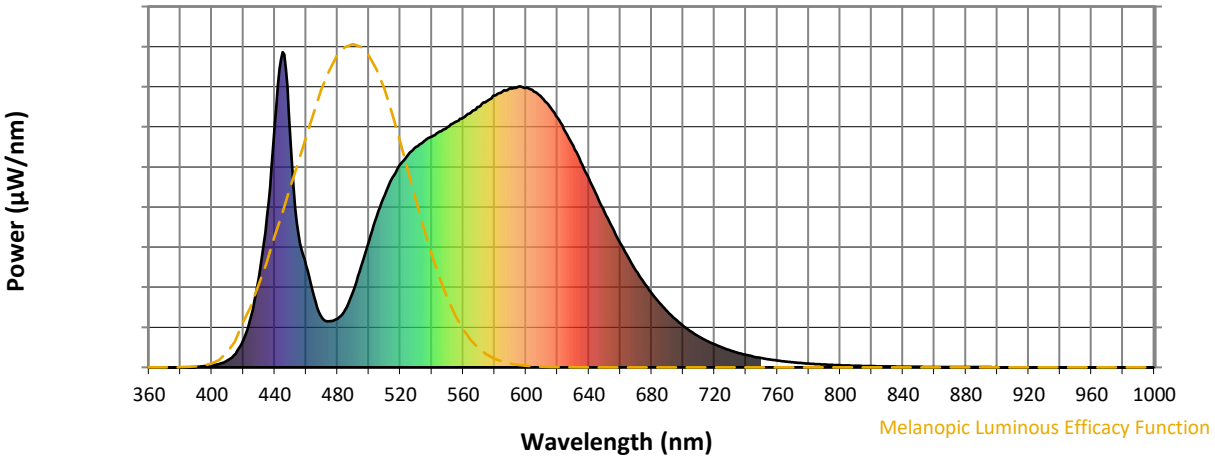
Melanopic Flux vs. Wavelength



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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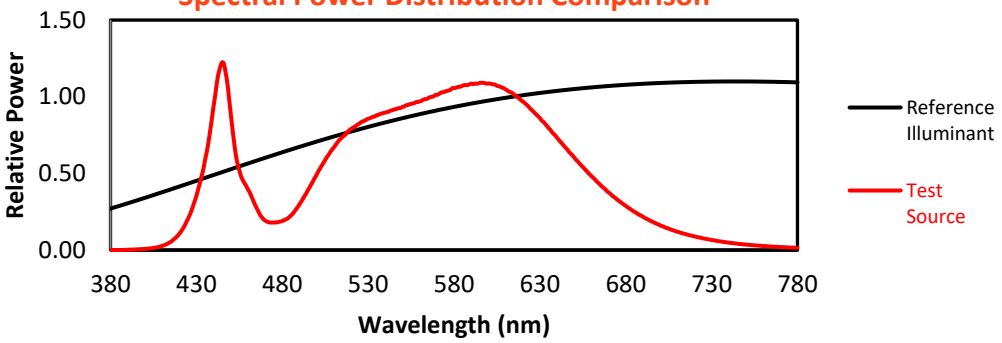
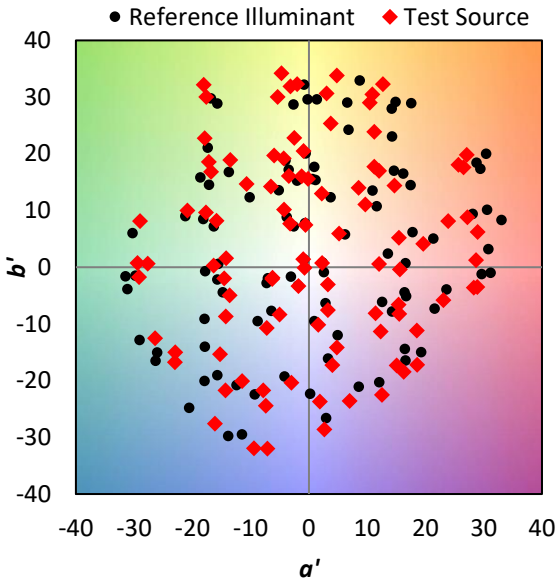
Summary

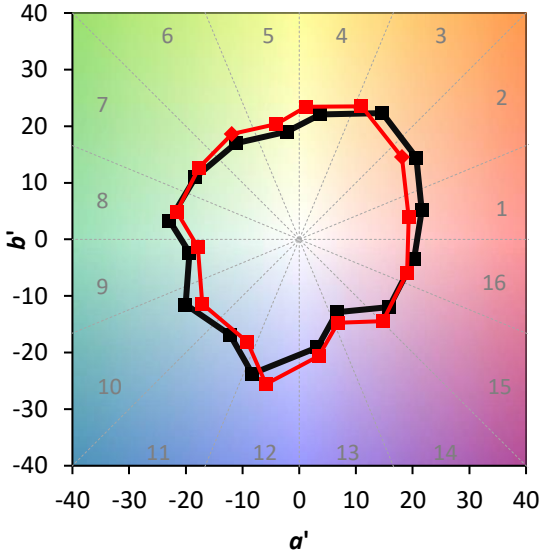
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

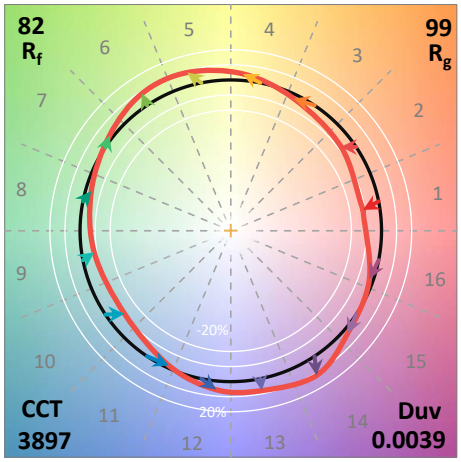
Spectral Power Distribution Comparison

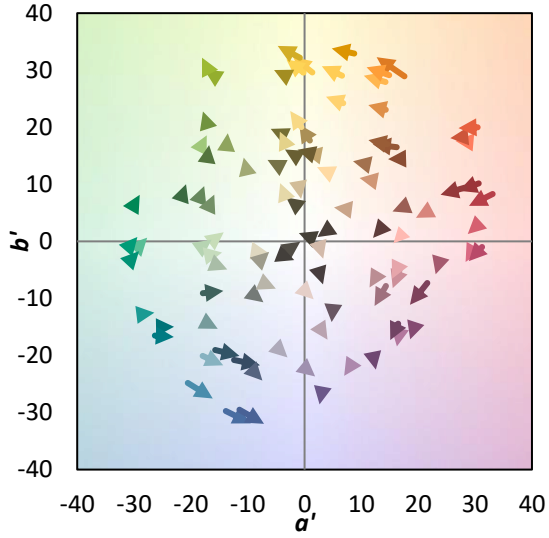


Color Vector Graphics









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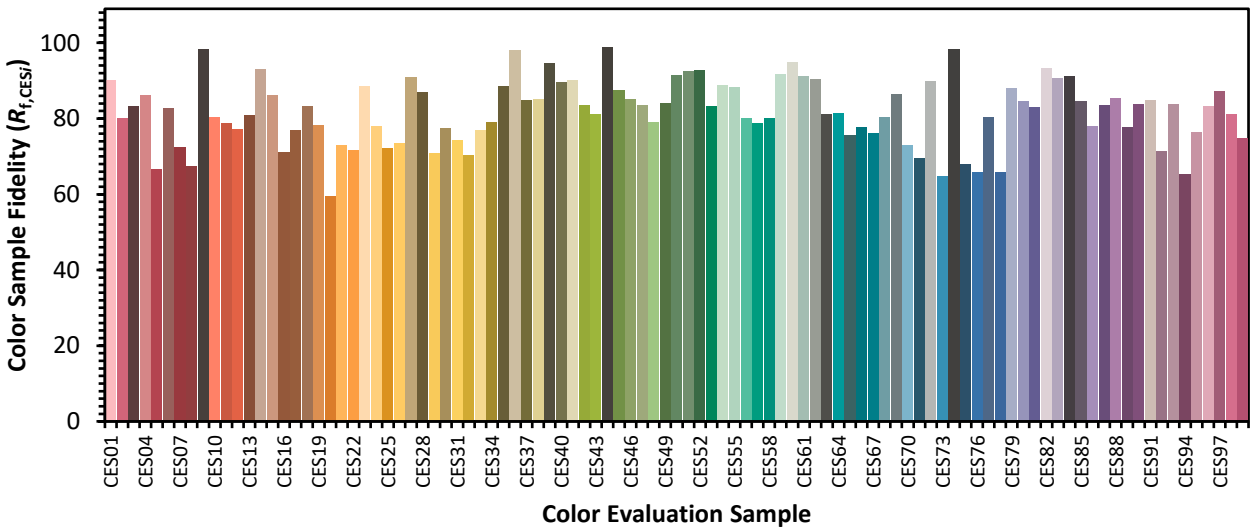
Individual Sample Fidelity Index ($R_{f,i}$)

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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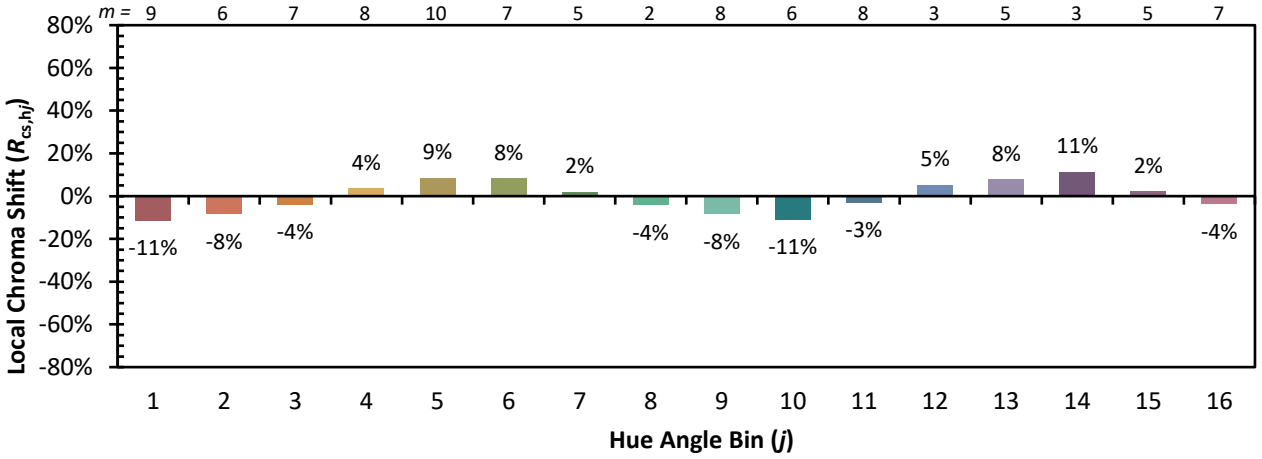
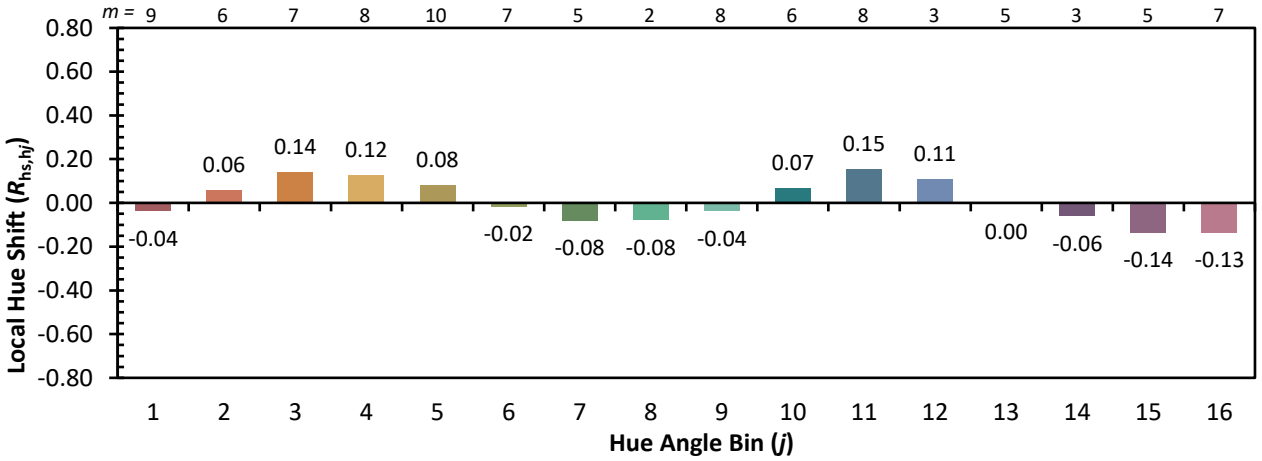
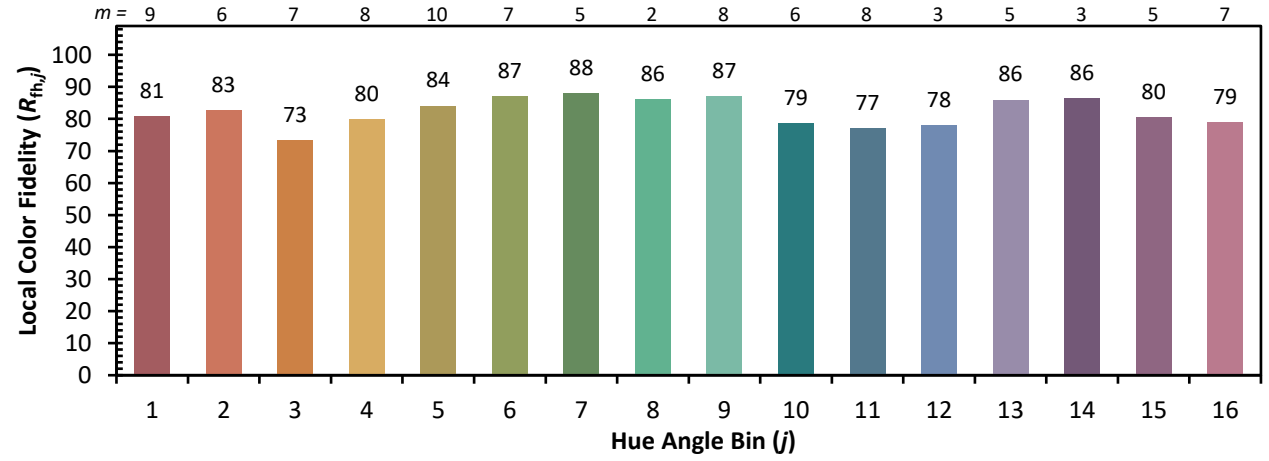
Color Rendition by Hue-Angle Bin







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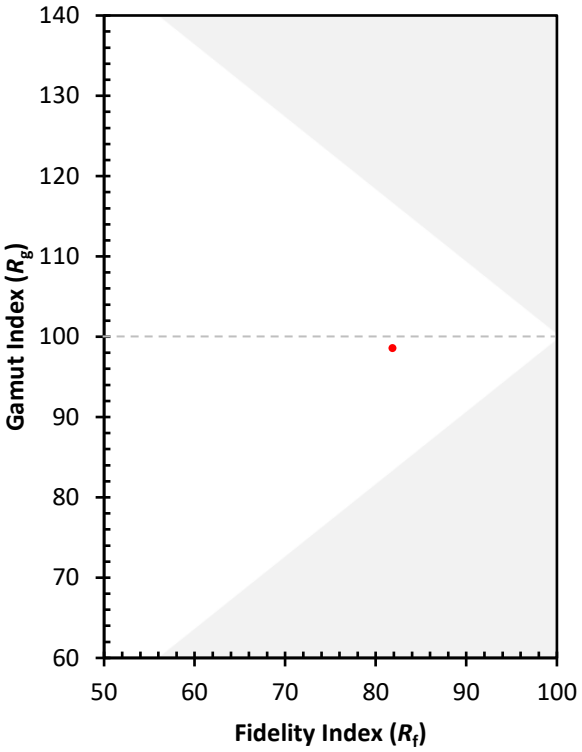
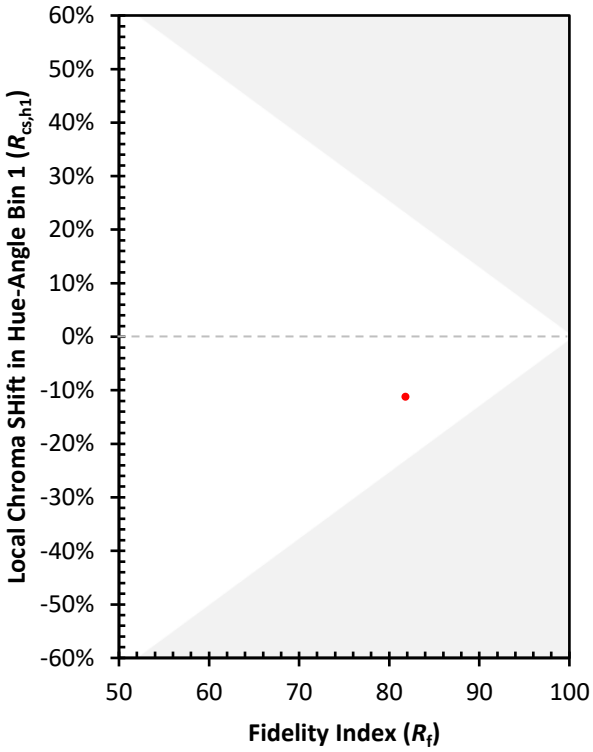
Measure Comparisons





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