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

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Peachtree City, GA 30269

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: P1457271

Luminaire Tested: GLAN-SB2A-840-U-T4LG

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:	P1457271
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB2A-840-U-T4LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 2xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE IV LOW GLARE
Light Source:	(52) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	8396.6 lumens
Efficiency:	N/A
Efficacy:	146.5 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B2 - 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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REPORT NUMBER: P1457271
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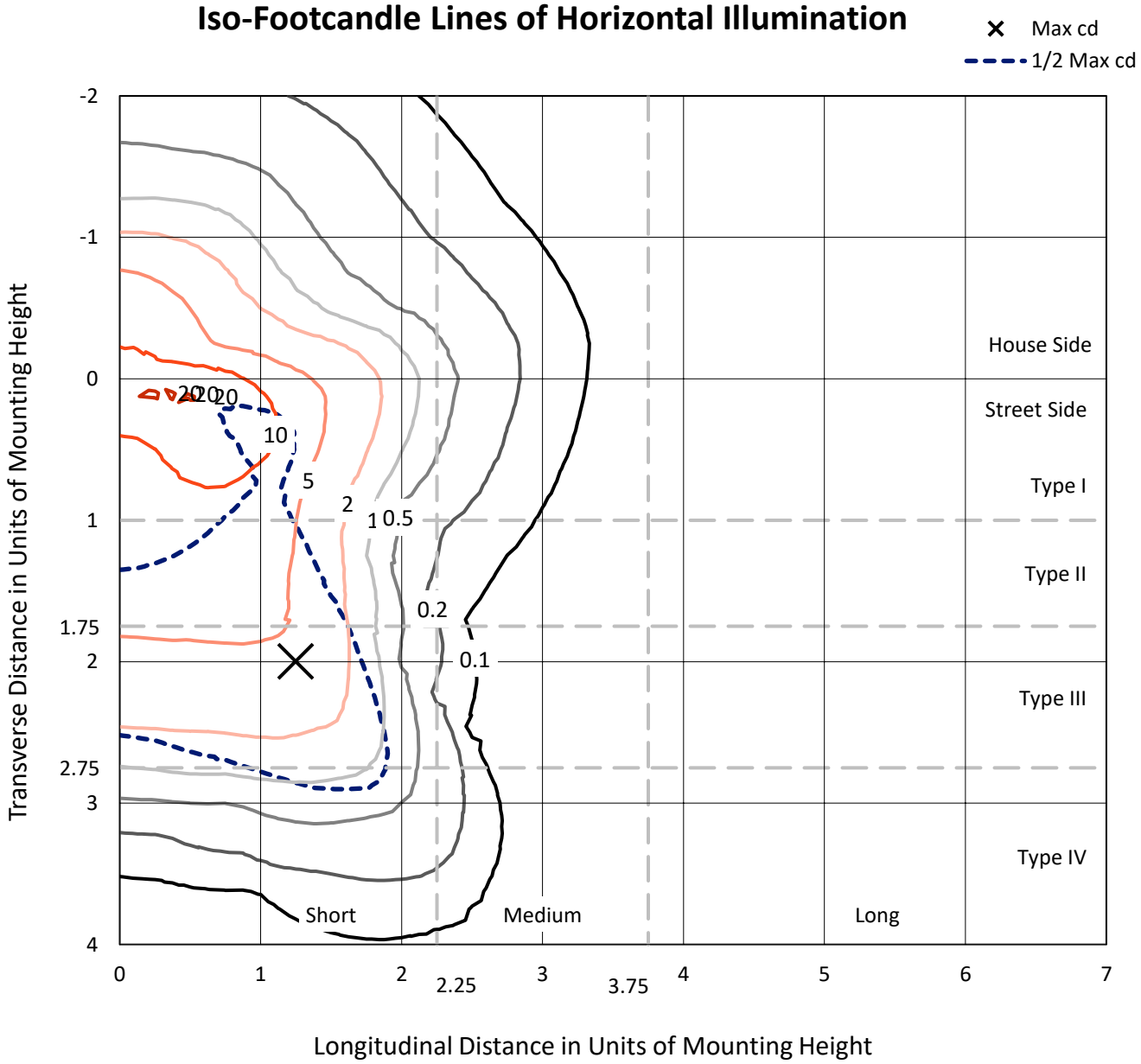
Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 20.7 fc
Type IV - Short - N/A

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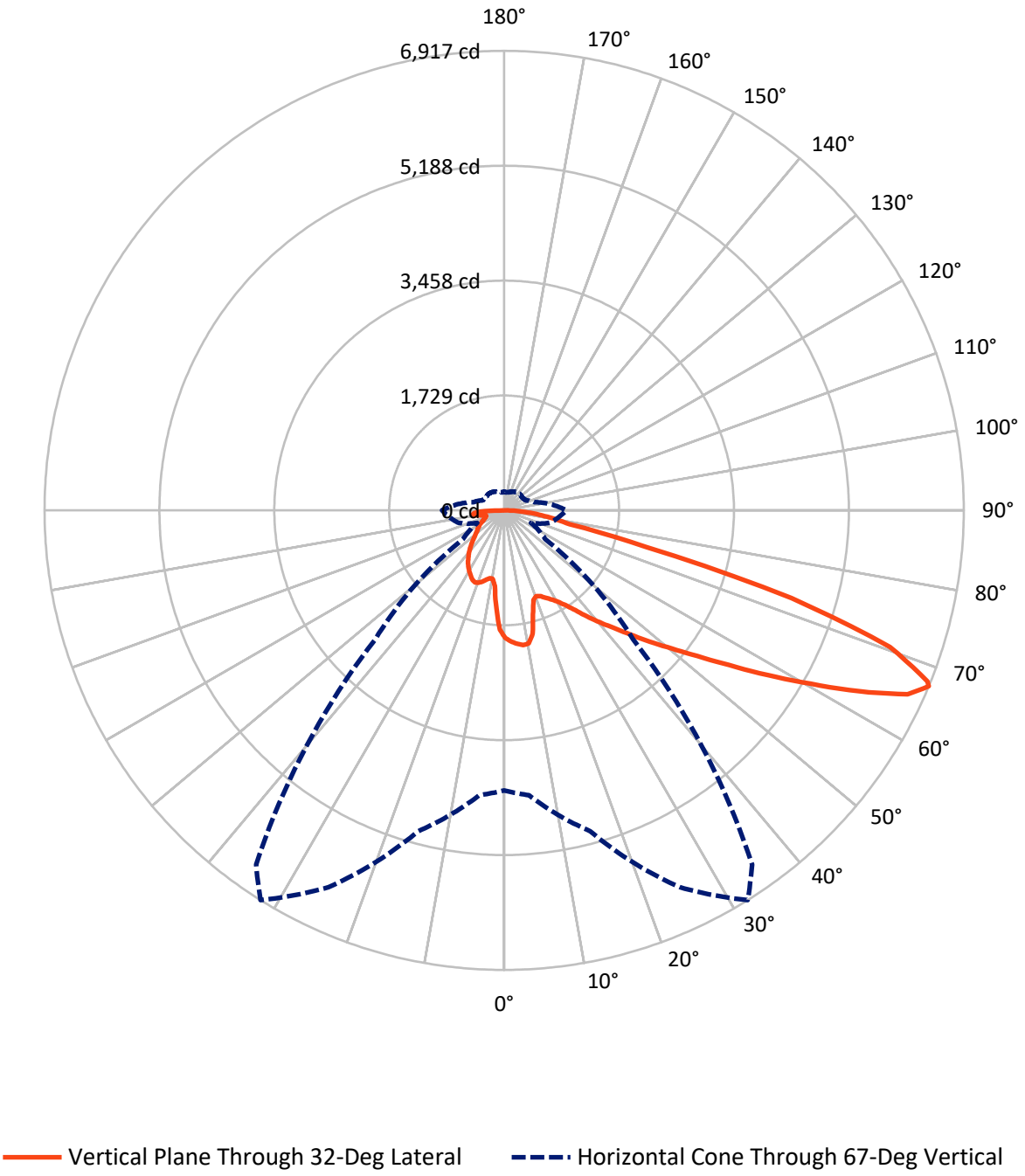
Luminous Intensity Polar Plot



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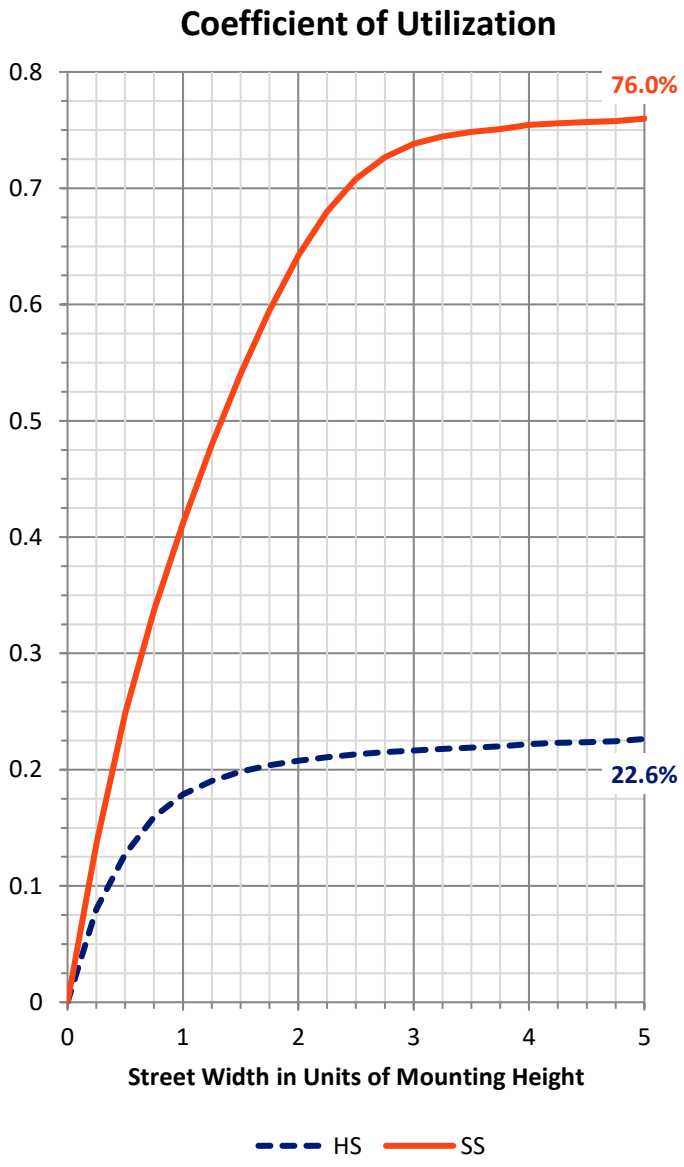
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1987.9	0.0	1987.9
	% Fixture	23.7	0.0	23.7
Street Side	Lumens	6408.8	0.0	6408.8
	% Fixture	76.3	0.0	76.3
Total	Lumens	8396.6	0.0	8396.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	167.6	2.0
10°-20°	445.1	5.3
20°-30°	726.8	8.7
30°-40°	1071.2	12.8
40°-50°	1477.3	17.6
50°-60°	1866.3	22.2
60°-70°	1806.2	21.5
70°-80°	644.6	7.7
80°-90°	191.4	2.3
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°	8396.6	100.0
0°-180°	8396.6	100.0



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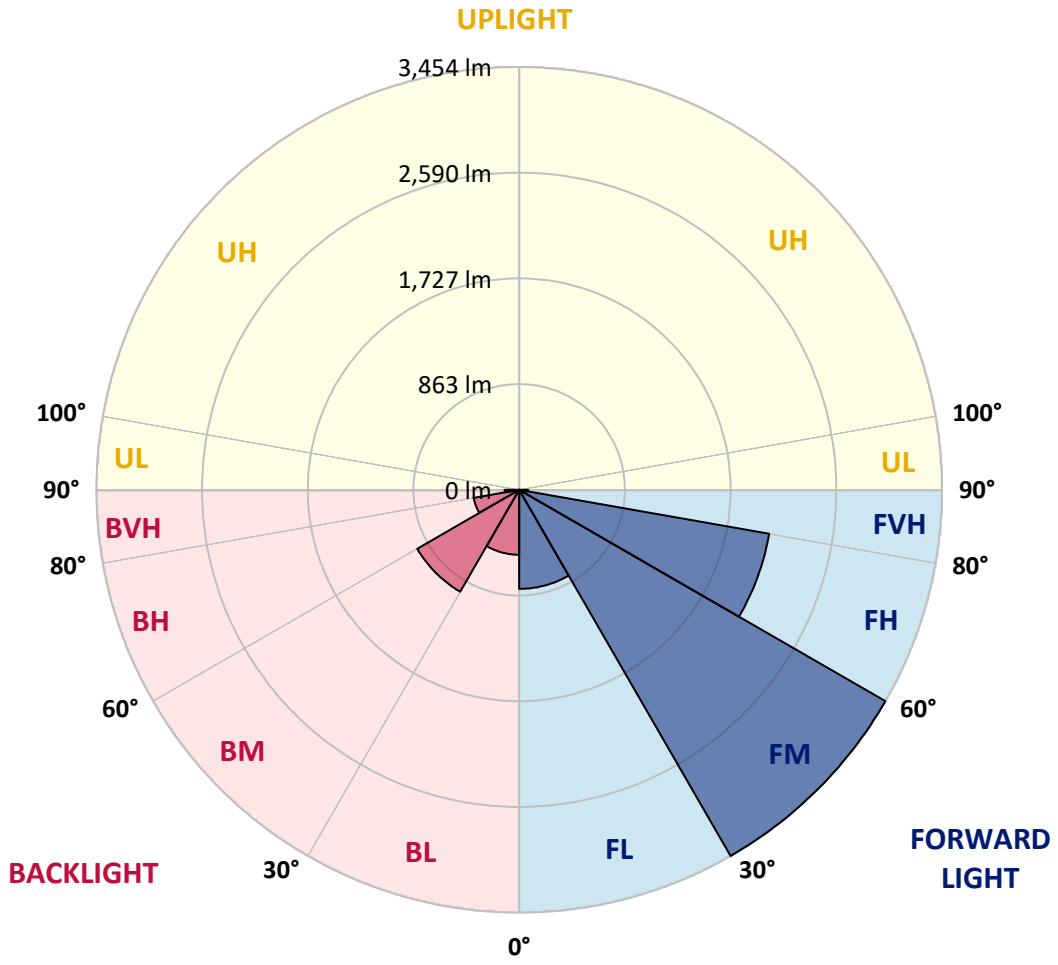
CATALOG NUMBER: GLAN-SB2A-840-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	809.0	9.6			
FM	(30°-60°)	3453.8	41.1			
FH	(60°-80°)	2073.8	24.7			G2/5000
FVH	(80°-90°)	72.1	0.9			G1/100
BL	(0°-30°)	530.5	6.3	B2/1000		
BM	(30°-60°)	961.0	11.4	B1/1000		
BH	(60°-80°)	377.1	4.5	B1/500		G1/500
BVH	(80°-90°)	119.3	1.4			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	32°	35°	45°	55°	65°	75°	85°
0°	1918.5	1918.5	1918.5	1918.5	1918.5	1918.5	1918.5	1918.5	1918.5	1918.5	1918.5
2.5°	1991.2	1985.6	1980.0	1983.7	1976.3	1974.4	1965.1	1961.3	1950.2	1948.3	1927.8
5°	2032.2	2021.0	2019.1	2022.9	2015.4	2015.4	2007.9	2002.4	1985.6	1976.3	1946.4
7.5°	2032.2	2030.3	2034.1	2047.1	2049.0	2049.0	2049.0	2050.8	2034.1	2021.0	1974.4
10°	1916.6	1898.0	1939.0	2004.2	2035.9	2054.6	2088.1	2108.6	2095.6	2086.3	2022.9
12.5°	1571.7	1573.5	1638.8	1778.6	1905.4	1959.5	2099.3	2173.9	2179.5	2164.6	2084.4
15°	1333.0	1342.4	1375.9	1476.6	1622.0	1702.2	2034.1	2231.7	2276.4	2261.5	2159.0
17.5°	1260.3	1265.9	1280.8	1338.6	1420.7	1485.9	1856.9	2269.0	2393.9	2375.2	2242.9
20°	1249.1	1252.9	1271.5	1320.0	1375.9	1413.2	1676.1	2239.1	2503.9	2496.4	2319.3
22.5°	1251.0	1254.7	1279.0	1346.1	1403.9	1435.6	1618.3	2170.2	2619.5	2626.9	2397.6
25°	1254.7	1256.6	1293.9	1383.4	1456.1	1495.2	1655.6	2108.6	2716.4	2779.8	2483.4
27.5°	1275.2	1280.8	1331.2	1431.9	1517.6	1562.4	1743.2	2129.1	2822.7	2953.2	2585.9
30°	1331.2	1334.9	1396.4	1500.8	1594.1	1640.7	1847.6	2211.2	2953.2	3132.2	2686.6
32.5°	1418.8	1422.5	1493.4	1601.5	1702.2	1758.1	1983.7	2367.8	3098.6	3320.5	2787.3
35°	1540.0	1541.9	1622.0	1737.6	1843.9	1907.3	2142.2	2544.9	3249.6	3480.8	2861.8
37.5°	1683.5	1696.6	1778.6	1899.8	2024.7	2082.5	2328.6	2751.8	3383.9	3616.9	2904.7
40°	1881.2	1884.9	1965.1	2082.5	2214.9	2270.8	2515.1	2947.6	3531.2	3697.1	2943.9
42.5°	2084.4	2116.1	2183.2	2313.7	2412.5	2457.3	2727.6	3126.6	3648.6	3700.8	2927.1
45°	2356.6	2380.8	2447.9	2563.5	2662.4	2714.6	2956.9	3290.7	3708.3	3669.1	2889.8
47.5°	2667.9	2682.9	2736.9	2841.3	2951.3	2988.6	3195.6	3383.9	3730.6	3646.8	2873.0
50°	3035.2	3035.2	3074.4	3163.9	3264.5	3316.8	3415.6	3439.8	3795.9	3607.6	2915.9
52.5°	3344.7	3359.6	3411.8	3538.6	3639.3	3699.0	3587.1	3525.6	3663.5	3389.5	2929.0
55°	3641.2	3657.9	3775.4	3933.9	4105.4	4170.6	3801.5	3482.7	3217.9	3070.7	2839.5
57.5°	3924.5	3960.0	4107.3	4416.7	4675.9	4670.3	4073.7	3098.6	2626.9	2718.3	2643.7
60°	4319.8	4357.1	4592.0	4981.7	5298.6	5166.2	4077.4	2578.5	2047.1	2170.2	2276.4
62.5°	4649.8	4713.2	5058.1	5706.9	5997.7	5790.8	3740.0	1974.4	1359.1	1513.9	1760.0
65°	4620.0	4703.9	5238.9	6240.1	6674.5	6482.5	3245.9	1249.1	701.0	1034.7	1232.4
67°	4213.5	4304.9	4998.4	6258.8	6916.9	6506.7	2740.7	755.1	445.6	717.8	855.8
67.5°	3980.5	4114.7	4879.1	6223.3	6872.1	6404.2	2513.2	632.0	419.5	667.5	779.3
70°	2447.9	2664.2	3661.7	5501.8	6159.9	5360.1	1396.4	358.0	341.2	447.5	538.8
72.5°	736.4	801.7	1413.2	3529.3	4521.1	3973.0	628.3	275.9	305.8	359.8	415.8
75°	358.0	382.2	583.6	1443.0	2201.8	2190.7	350.5	236.8	283.4	302.0	328.1
77.5°	229.3	244.2	363.6	807.3	1008.6	898.6	253.6	206.9	251.7	248.0	244.2
80°	143.6	151.0	233.0	468.0	743.9	620.8	186.4	169.7	216.3	192.0	173.4
82.5°	93.2	102.5	149.2	285.3	531.4	462.4	123.0	121.2	179.0	152.9	134.2
85°	61.5	69.0	95.1	167.8	315.1	330.0	80.2	83.9	138.0	115.6	102.5
87.5°	22.4	28.0	48.5	74.6	147.3	182.7	33.6	31.7	67.1	54.1	42.9
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: P1457271
CATALOG NUMBER: GLAN-SB2A-840-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1918.5	1918.5	1918.5	1918.5	1918.5	1918.5	1918.5	1918.5	1918.5	1918.5	1918.5
2.5°	1924.1	1918.5	1892.4	1870.0	1853.2	1830.8	1806.6	1778.6	1760.0	1763.7	1758.1
5°	1933.4	1918.5	1868.1	1791.7	1717.1	1623.9	1504.6	1433.7	1379.6	1351.7	1359.1
7.5°	1953.9	1927.8	1821.5	1666.8	1472.9	1282.7	1165.2	1098.1	1066.4	1053.4	1051.5
10°	1989.3	1944.6	1761.9	1472.9	1219.3	1090.7	1047.8	1029.1	1025.4	1025.4	1023.6
12.5°	2032.2	1961.3	1661.2	1284.6	1098.1	1051.5	1044.1	1045.9	1051.5	1057.1	1047.8
15°	2084.4	1968.8	1536.3	1170.8	1073.9	1062.7	1073.9	1086.9	1096.3	1103.7	1094.4
17.5°	2136.6	1961.3	1418.8	1116.8	1077.6	1092.5	1114.9	1135.4	1141.0	1152.2	1144.7
20°	2173.9	1935.2	1318.1	1096.3	1086.9	1120.5	1148.5	1170.8	1182.0	1189.5	1182.0
22.5°	2201.8	1901.7	1245.4	1075.8	1086.9	1128.0	1161.5	1187.6	1200.7	1208.1	1198.8
25°	2226.1	1855.1	1189.5	1045.9	1064.6	1103.7	1141.0	1167.1	1185.8	1196.9	1191.3
27.5°	2255.9	1817.8	1137.3	1001.2	1018.0	1055.2	1094.4	1126.1	1161.5	1180.2	1176.4
30°	2289.5	1799.1	1086.9	952.7	963.9	1001.2	1047.8	1090.7	1139.1	1163.4	1163.4
32.5°	2328.6	1786.1	1040.3	906.1	915.4	956.4	1001.2	1040.3	1092.5	1131.7	1129.8
35°	2345.4	1771.2	1003.0	863.2	881.9	915.4	950.8	976.9	1031.0	1077.6	1081.3
37.5°	2362.2	1765.6	984.4	829.7	844.6	870.7	889.3	902.4	952.7	1001.2	1003.0
40°	2382.7	1791.7	997.4	807.3	794.2	820.3	829.7	837.1	863.2	894.9	894.9
42.5°	2369.6	1810.3	1027.3	786.8	732.7	762.5	766.3	764.4	766.3	768.1	766.3
45°	2336.1	1791.7	1027.3	755.1	667.5	699.1	697.3	688.0	673.0	633.9	628.3
47.5°	2328.6	1780.5	988.1	702.9	602.2	628.3	632.0	613.4	570.5	529.5	516.4
50°	2360.3	1801.0	926.6	639.5	546.3	568.6	578.0	546.3	497.8	454.9	447.5
52.5°	2406.9	1827.1	837.1	570.5	499.7	522.0	533.2	497.8	447.5	413.9	410.2
55°	2401.3	1827.1	736.4	507.1	464.2	481.0	499.7	462.4	423.2	404.6	402.7
57.5°	2280.2	1758.1	661.9	462.4	430.7	445.6	469.8	434.4	397.1	400.8	406.4
60°	2043.4	1579.1	605.9	432.5	400.8	415.8	441.9	400.8	352.4	339.3	339.3
62.5°	1683.5	1301.3	561.2	402.7	372.9	391.5	404.6	350.5	318.8	303.9	303.9
65°	1262.2	1006.8	514.6	378.5	348.6	369.1	354.2	328.1	296.4	285.3	287.1
67°	*935.9*	*781.2*	*475.4*	*358.0*	*333.7*	*343.0*	*331.9*	*313.2*	*281.5*	*272.2*	*281.5*
67.5°	840.8	742.0	466.1	352.4	330.0	337.5	326.3	311.4	277.8	268.5	277.8
70°	578.0	570.5	415.8	326.3	309.5	302.0	307.6	289.0	261.0	257.3	266.6
72.5°	440.0	454.9	372.9	303.9	287.1	277.8	290.8	272.2	244.2	249.8	259.2
75°	344.9	367.3	333.7	272.2	261.0	262.9	289.0	281.5	259.2	264.7	266.6
77.5°	255.4	296.4	285.3	236.8	227.5	253.6	326.3	348.6	309.5	300.2	287.1
80°	186.4	212.5	240.5	195.8	190.2	244.2	402.7	445.6	382.2	344.9	335.6
82.5°	138.0	149.2	197.6	156.6	138.0	218.1	447.5	523.9	454.9	384.1	372.9
85°	98.8	115.6	156.6	115.6	91.4	179.0	438.1	512.7	451.2	363.6	354.2
87.5°	35.4	50.3	67.1	52.2	46.6	123.0	361.7	369.1	281.5	128.6	130.5
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

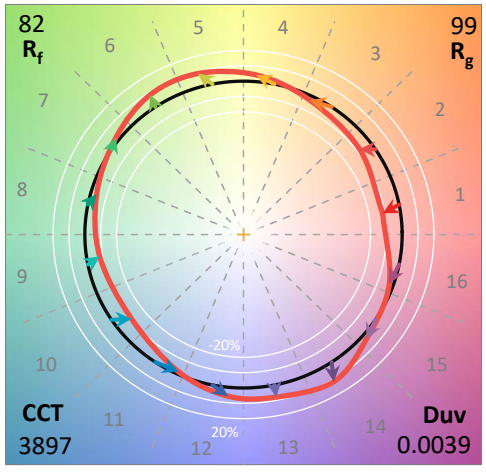
Test Information

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

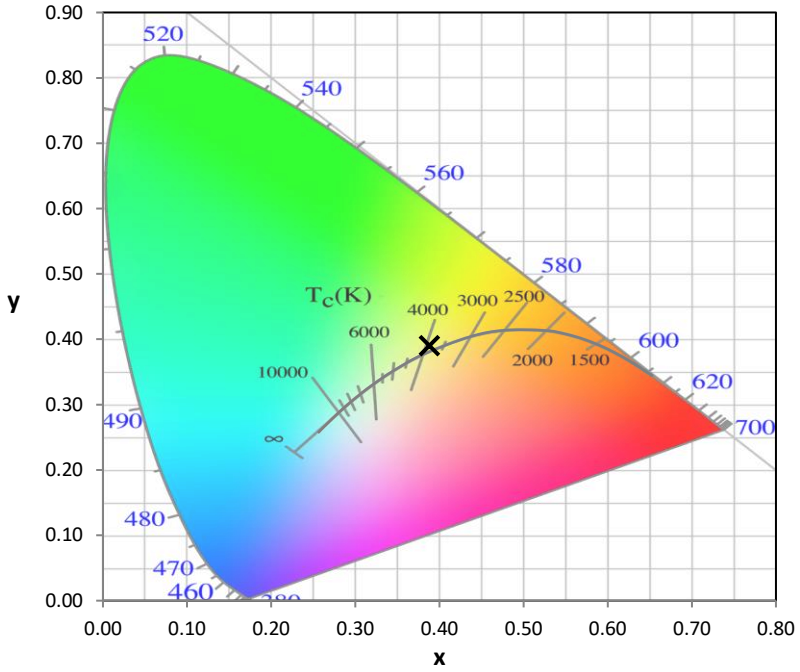
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

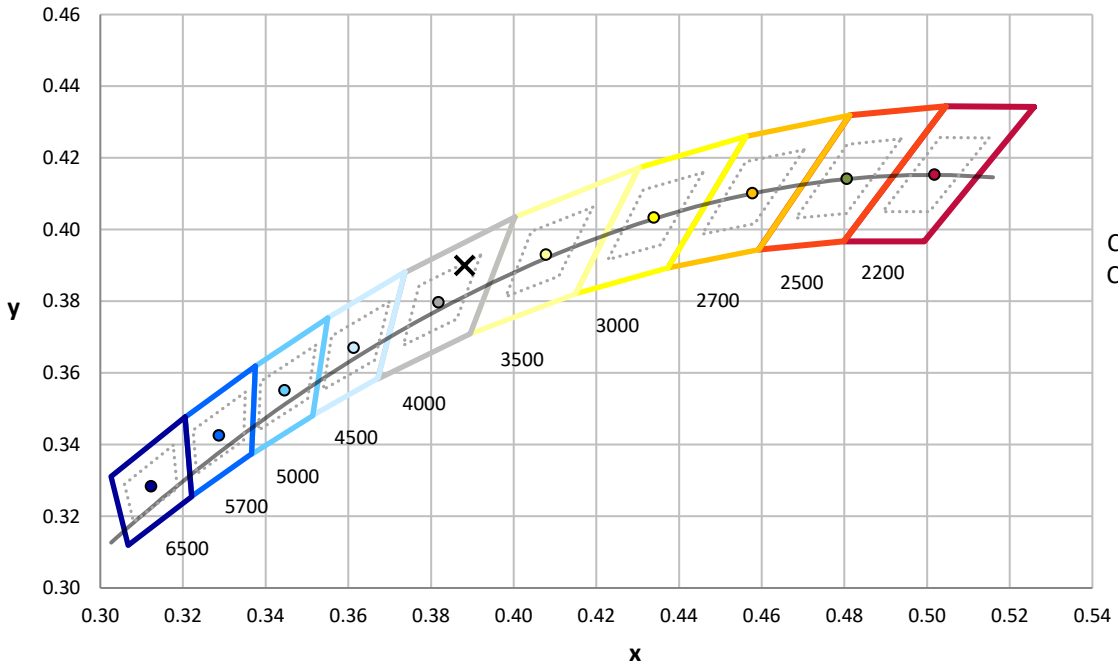
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

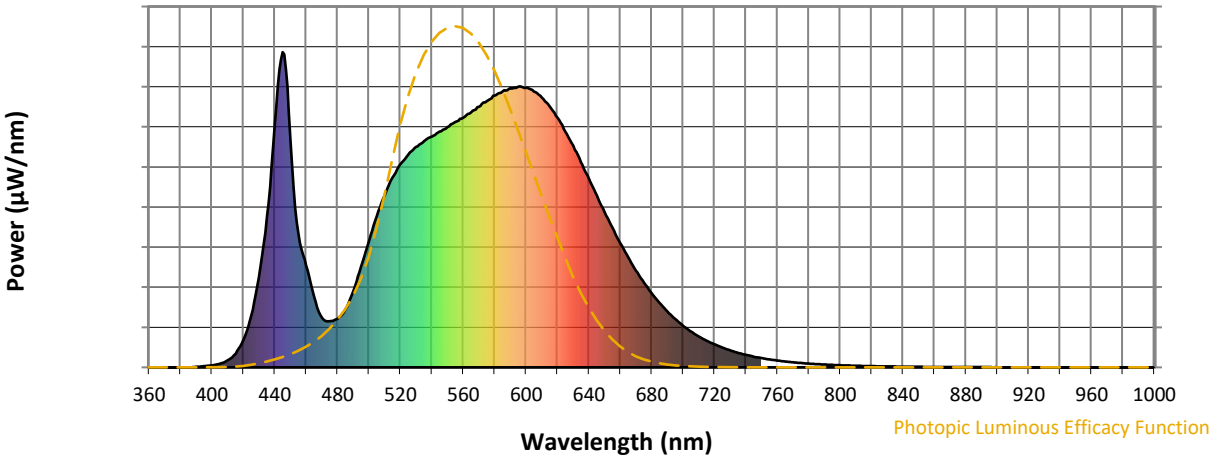


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

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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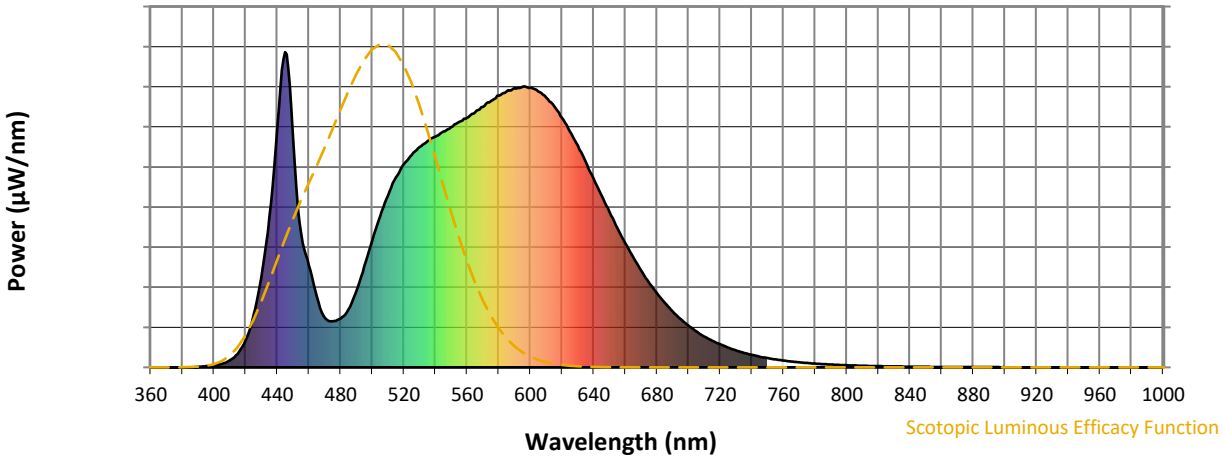
Scotopic Flux vs. Wavelength



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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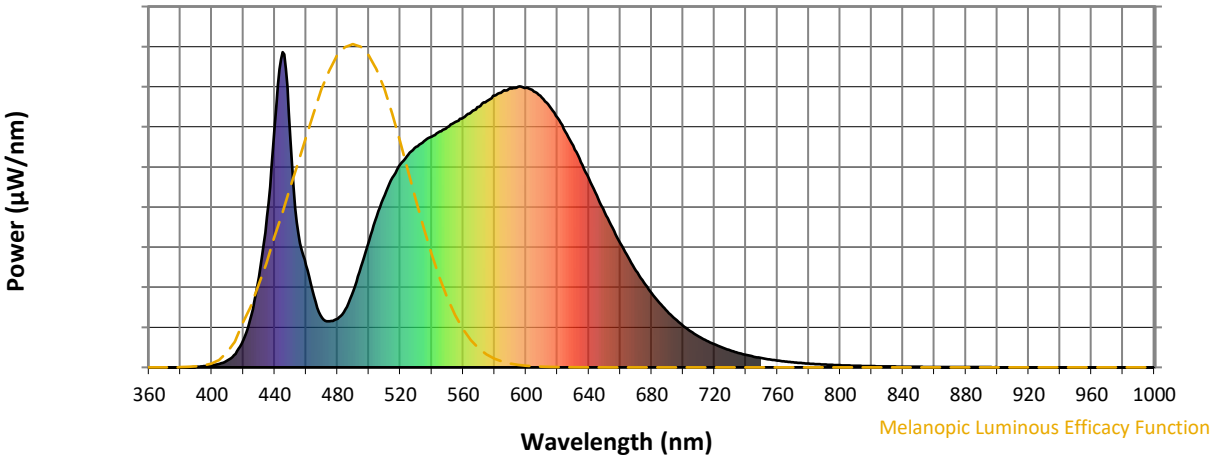
Melanopic Flux vs. Wavelength



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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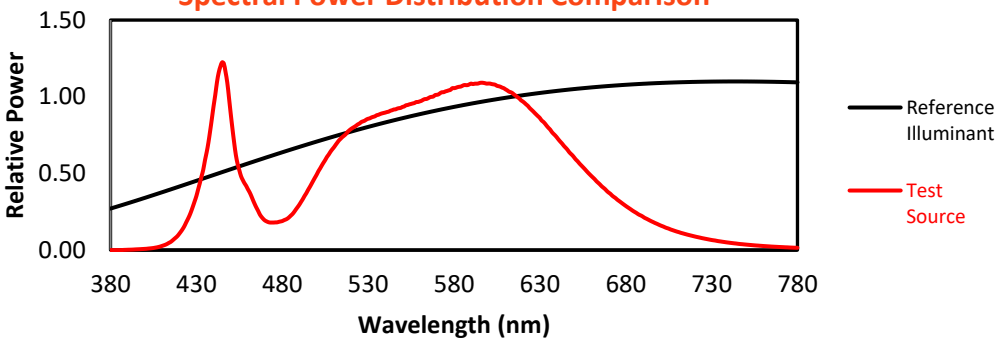
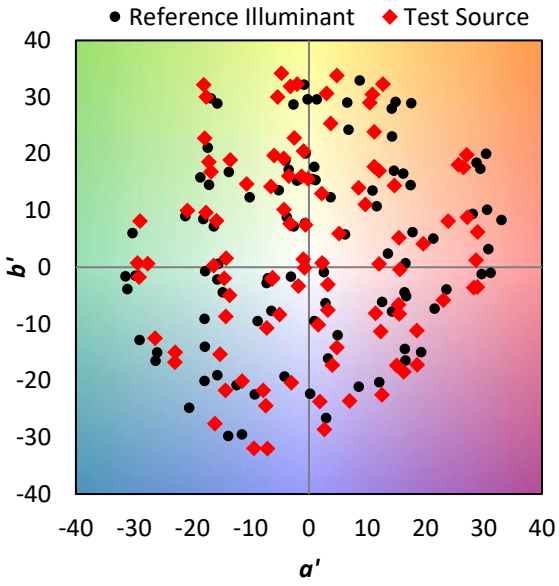
Summary

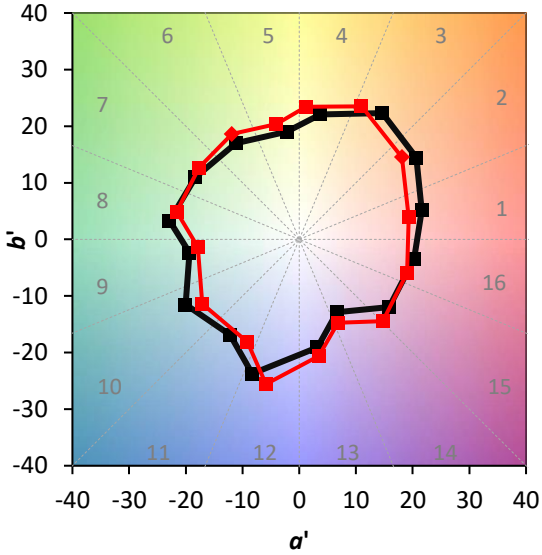
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

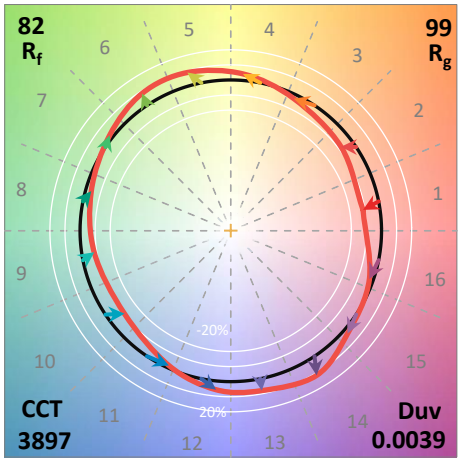
Spectral Power Distribution Comparison

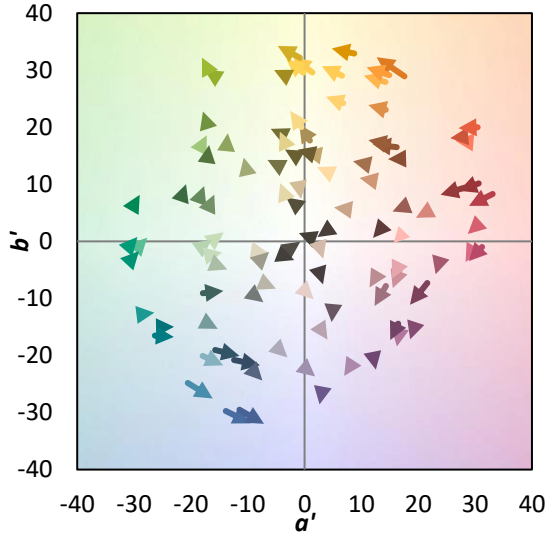


Color Vector Graphics









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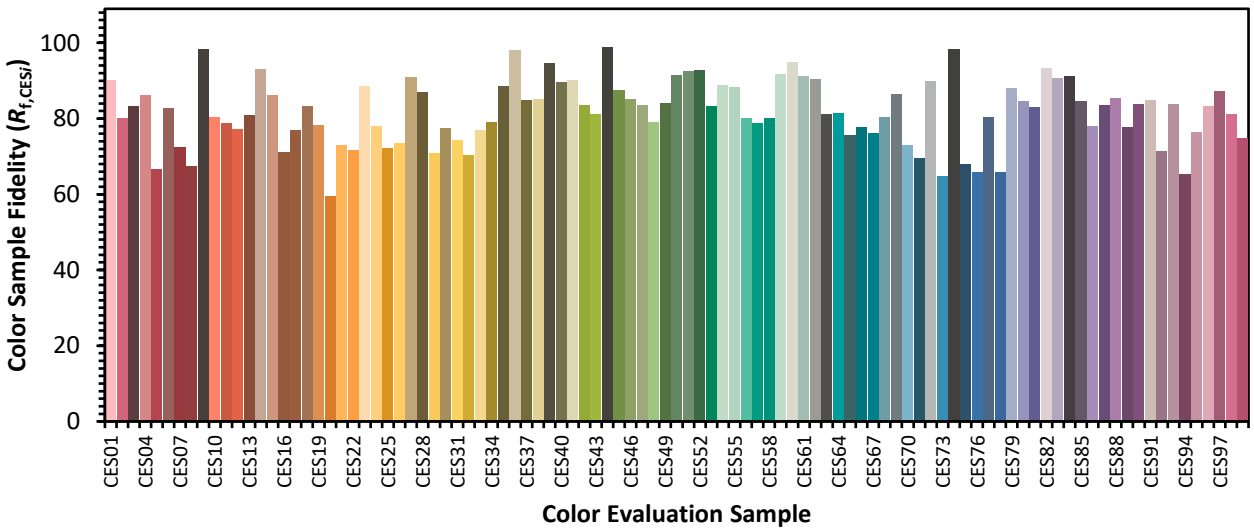
Individual Sample Fidelity Index ($R_{f,i}$)

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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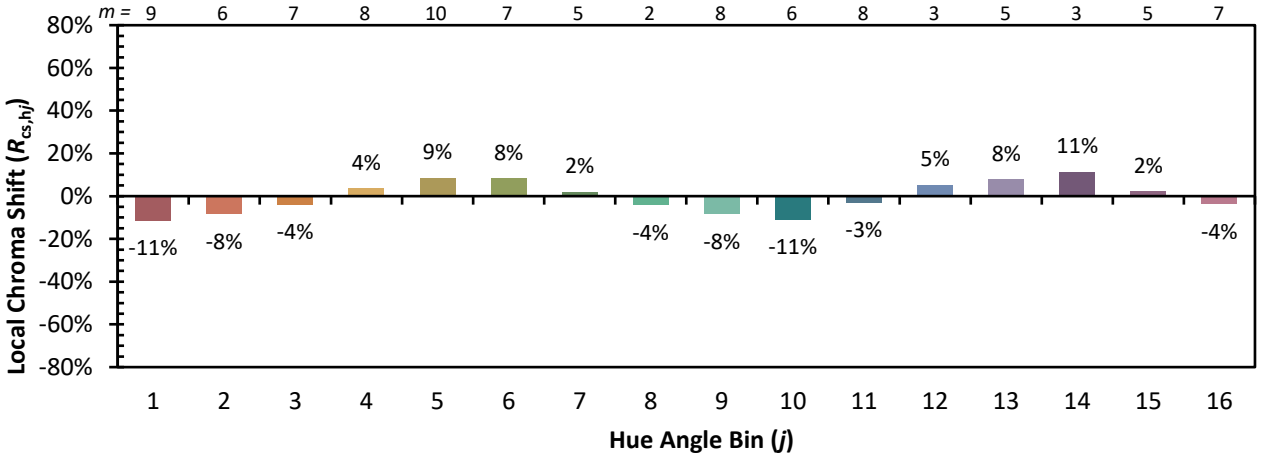
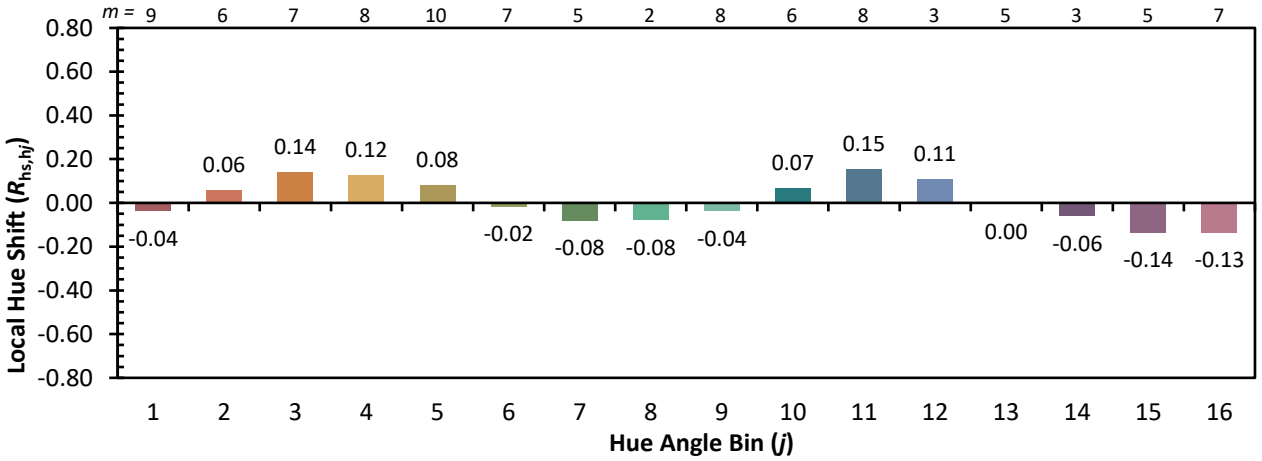
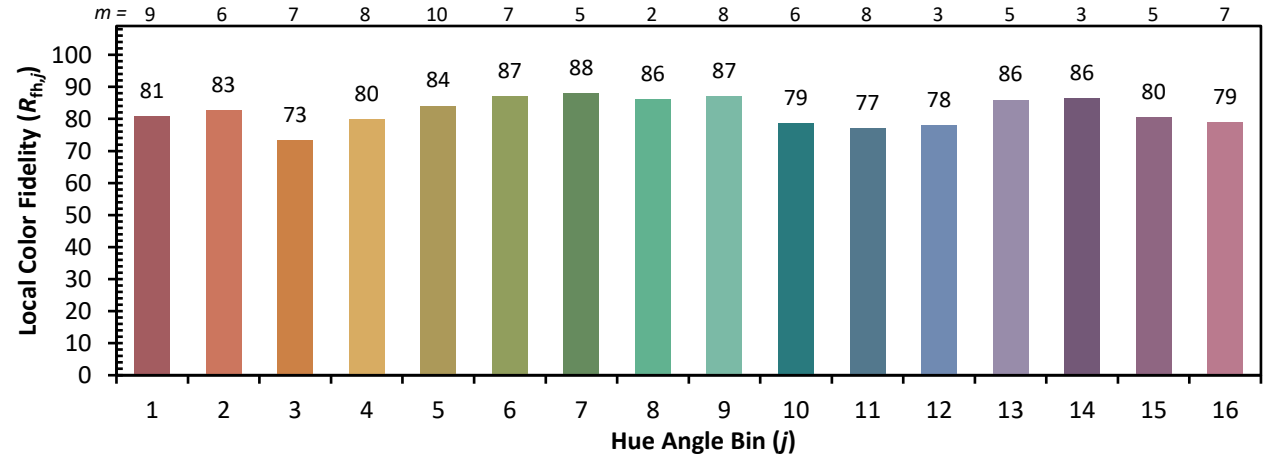
Color Rendition by Hue-Angle Bin







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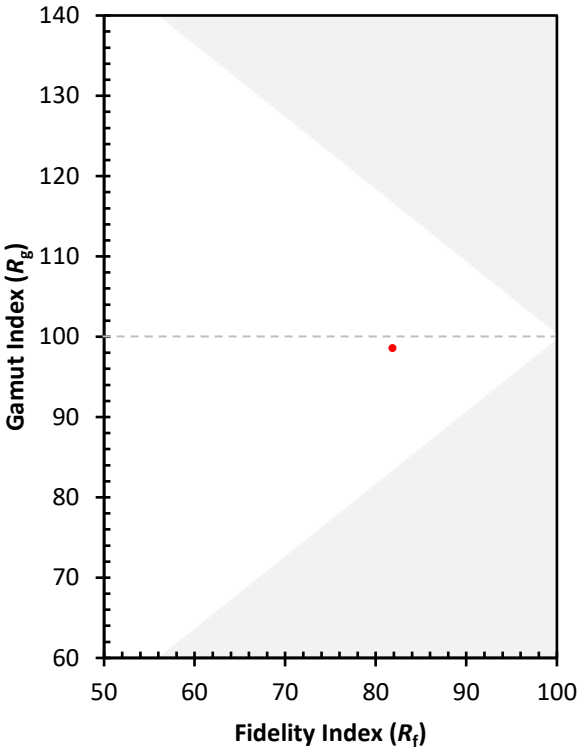
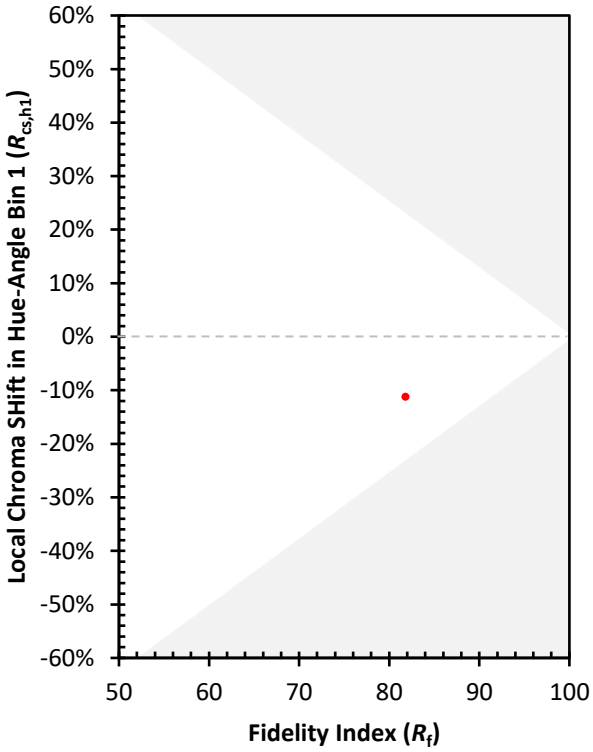
Measure Comparisons





(END OF REPORT)