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: P1457268

Luminaire Tested: GLAN-SB1B-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:	P1457268
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB1B-840-U-T4LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 1xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE IV LOW GLARE
Light Source:	(26) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5272.4 lumens
Efficiency:	N/A
Efficacy:	132.5 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):	39.8
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: P1457268
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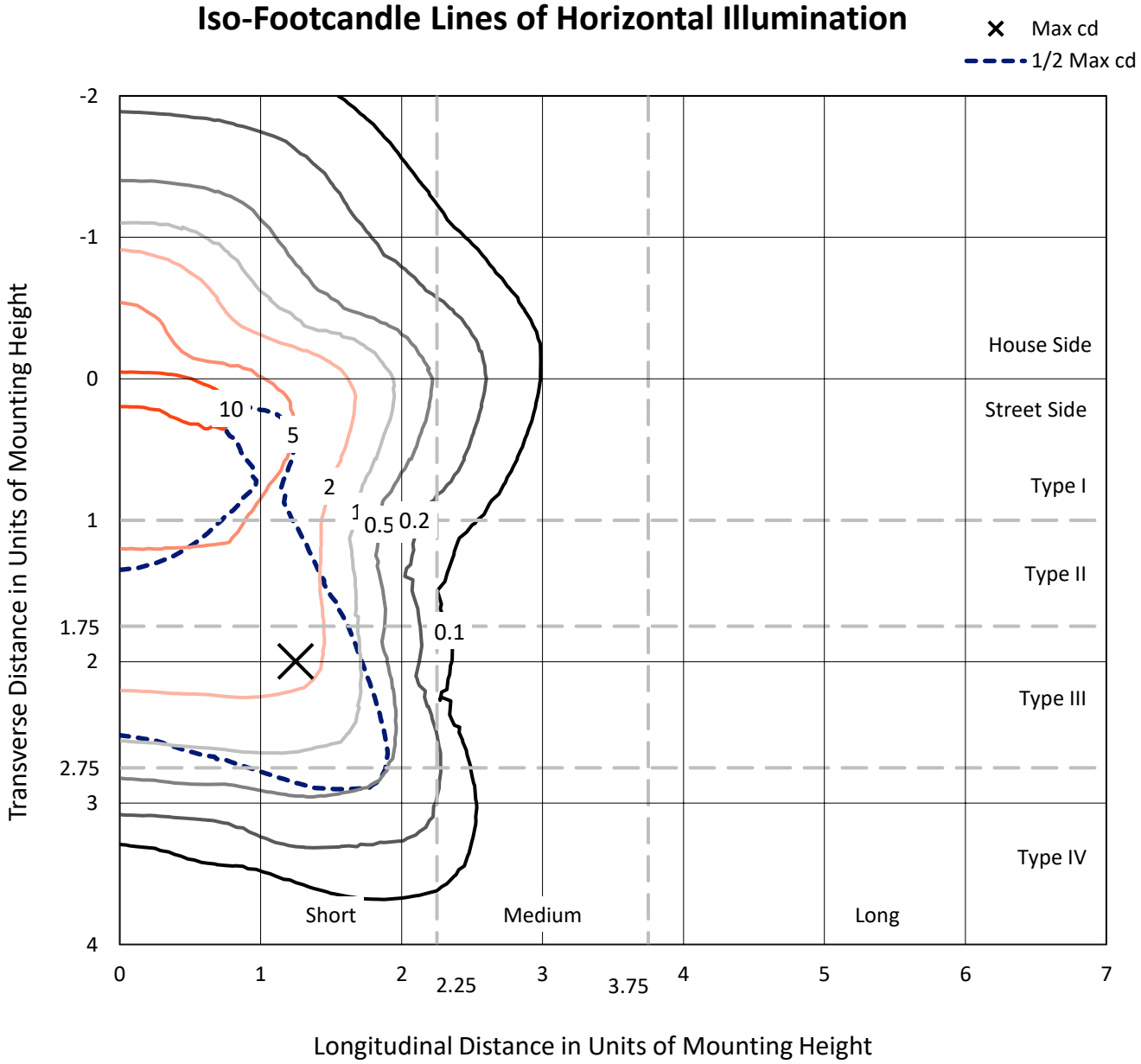
Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 13 fc
Type IV - Short - N/A

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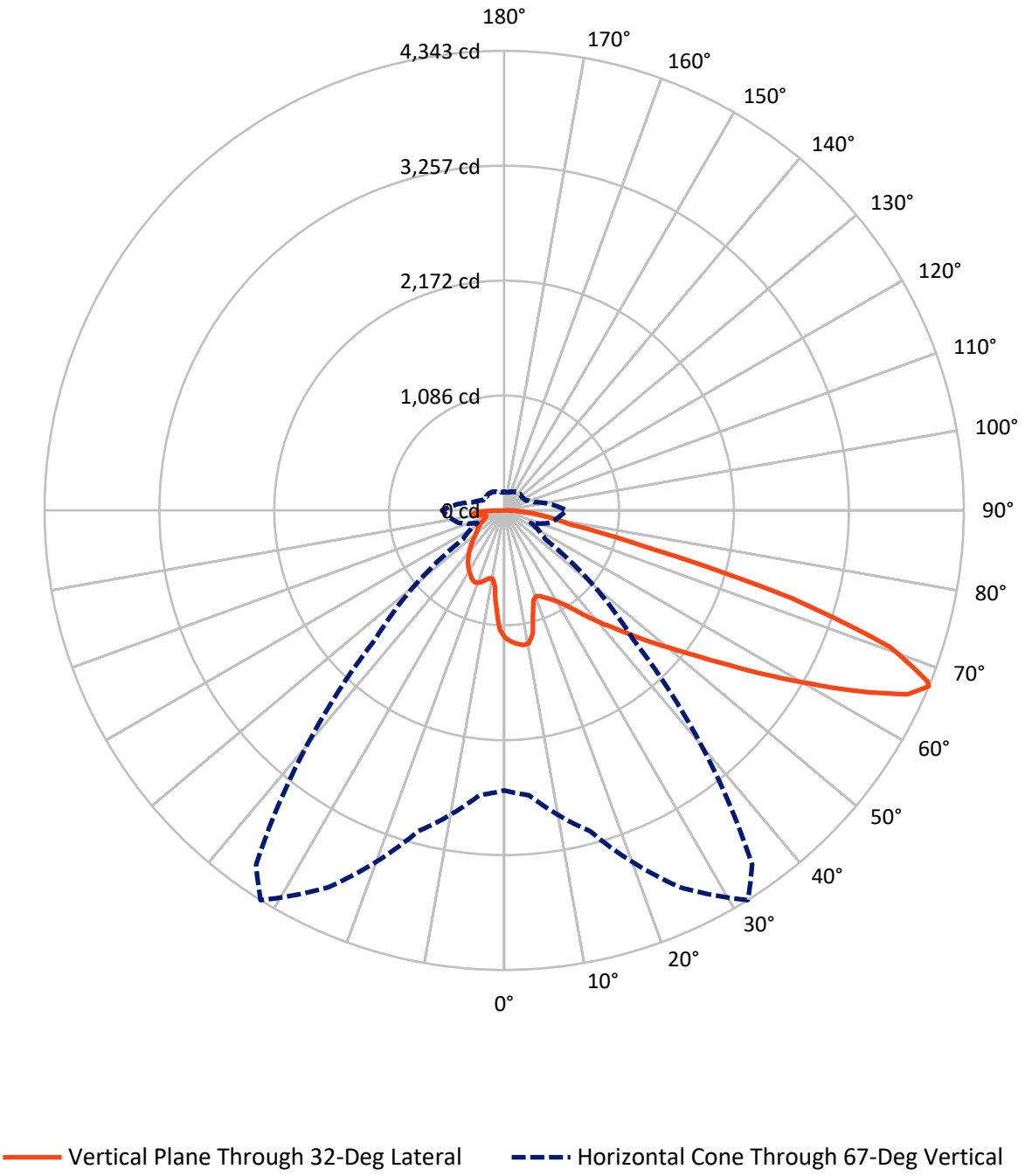
Luminous Intensity Polar Plot



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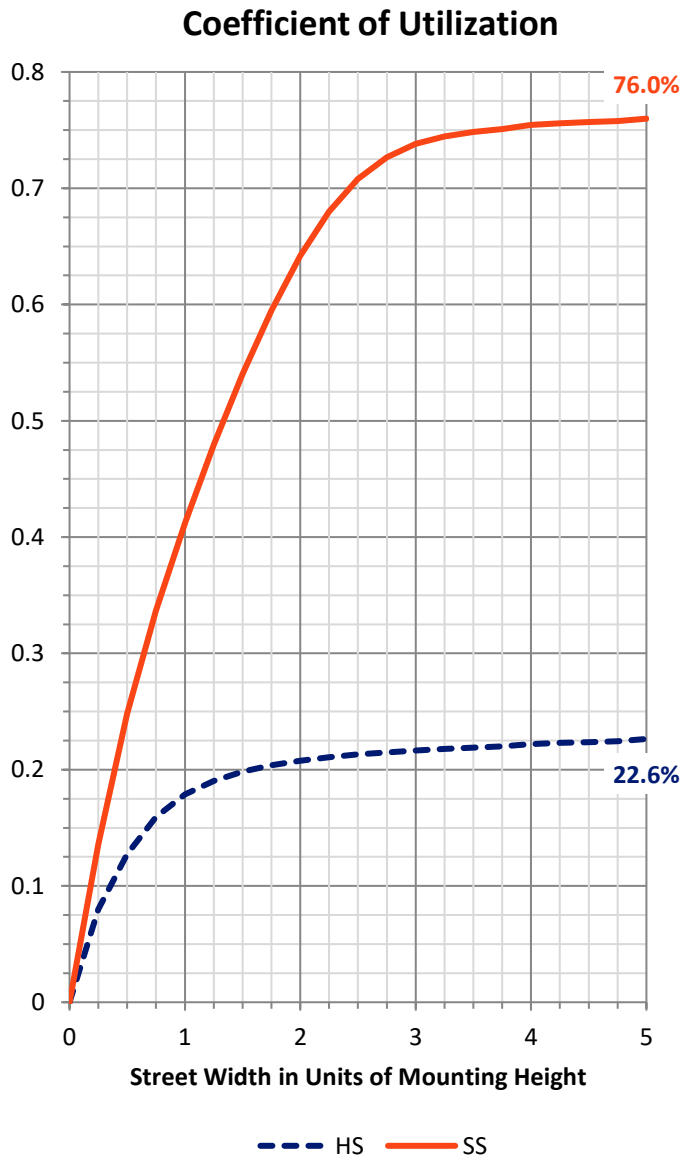
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1248.2	0.0	1248.2
	% Fixture	23.7	0.0	23.7
Street Side	Lumens	4024.2	0.0	4024.2
	% Fixture	76.3	0.0	76.3
Total	Lumens	5272.4	0.0	5272.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	105.3	2.0
10°-20°	279.5	5.3
20°-30°	456.4	8.7
30°-40°	672.7	12.8
40°-50°	927.6	17.6
50°-60°	1171.9	22.2
60°-70°	1134.2	21.5
70°-80°	404.8	7.7
80°-90°	120.2	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°	5272.4	100.0
0°-180°	5272.4	100.0



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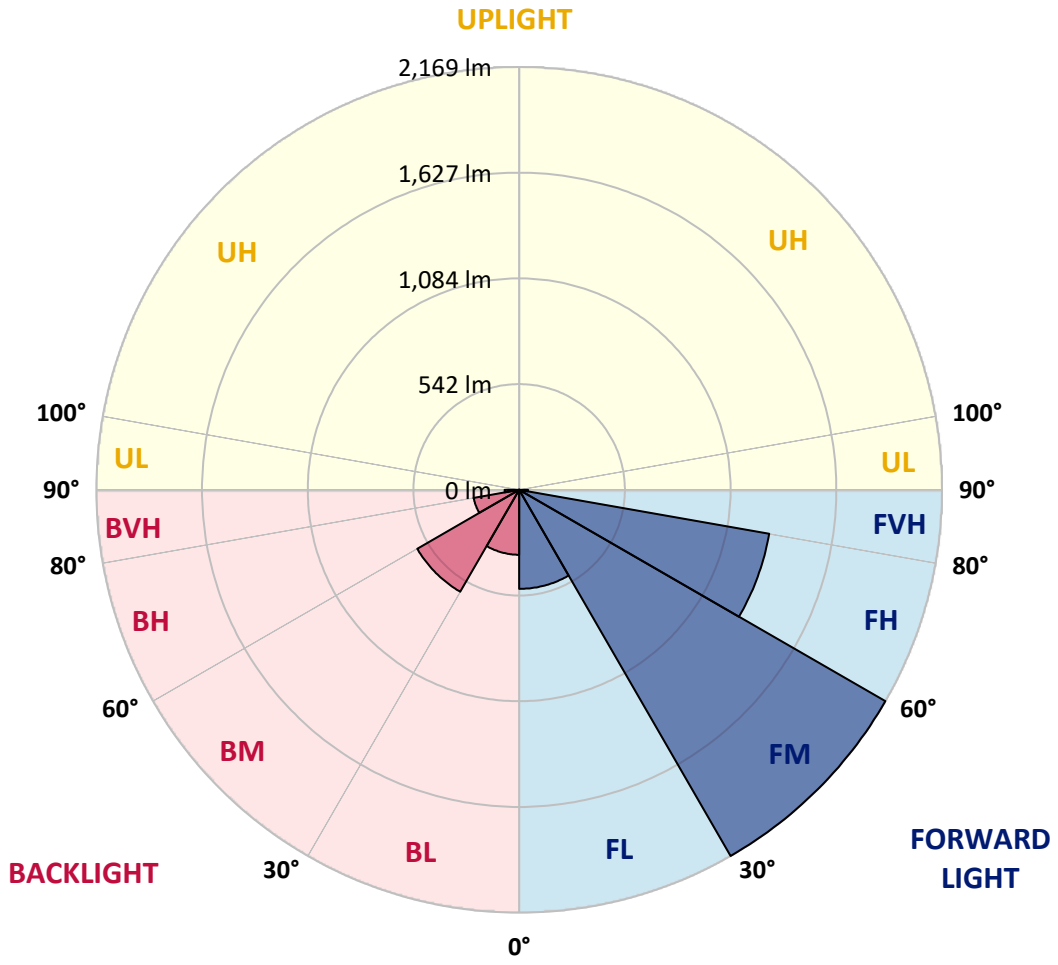
REPORT NUMBER: P1457268
CATALOG NUMBER: GLAN-SB1B-840-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	508.0	9.6			
FM	(30°-60°)	2168.7	41.1			
FH	(60°-80°)	1302.2	24.7			G1/1800
FVH	(80°-90°)	45.3	0.9			G1/100
BL	(0°-30°)	333.1	6.3	B1/500		
BM	(30°-60°)	603.4	11.4	B1/1000		
BH	(60°-80°)	236.8	4.5	B1/500		G1/500
BVH	(80°-90°)	74.9	1.4			G1/100
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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REPORT NUMBER: P1457268
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	32°	35°	45°	55°	65°	75°	85°
0°	1204.6	1204.6	1204.6	1204.6	*1204.6*	1204.6	1204.6	1204.6	1204.6	1204.6	1204.6
2.5°	1250.3	1246.8	1243.3	1245.6	*1240.9*	1239.8	1233.9	1231.6	1224.5	1223.4	1210.5
5°	1276.0	1269.0	1267.8	1270.2	*1265.5*	1265.5	1260.8	1257.3	1246.8	1240.9	1222.2
7.5°	1276.0	1274.9	1277.2	1285.4	*1286.6*	1286.6	1286.6	1287.8	1277.2	1269.0	1239.8
10°	1203.5	1191.8	1217.5	1258.5	*1278.4*	1290.1	1311.2	1324.0	1315.8	1310.0	1270.2
12.5°	986.9	988.1	1029.0	1116.8	*1196.4*	1230.4	1318.2	1365.0	1368.5	1359.2	1308.8
15°	837.0	842.9	864.0	927.2	*1018.5*	1068.8	1277.2	1401.3	1429.4	1420.0	1355.7
17.5°	791.4	794.9	804.3	840.6	*892.1*	933.0	1166.0	1424.7	1503.2	1491.4	1408.3
20°	784.4	786.7	798.4	828.8	*864.0*	887.4	1052.4	1406.0	1572.2	1567.5	1456.3
22.5°	785.5	787.9	803.1	845.2	*881.5*	901.4	1016.2	1362.7	1644.8	1649.5	1505.5
25°	787.9	789.0	812.5	868.6	*914.3*	938.9	1039.6	1324.0	1705.7	1745.5	1559.3
27.5°	800.7	804.3	835.9	899.1	*952.9*	981.0	1094.6	1336.9	1772.4	1854.4	1623.7
30°	835.9	838.2	876.8	942.4	*1000.9*	1030.2	1160.1	1388.4	1854.4	1966.7	1687.0
32.5°	890.9	893.2	937.7	1005.6	*1068.8*	1104.0	1245.6	1486.8	1945.7	2085.0	1750.2
35°	967.0	968.2	1018.5	1091.1	*1157.8*	1197.6	1345.1	1598.0	2040.5	2185.7	1797.0
37.5°	1057.1	1065.3	1116.8	1192.9	*1271.4*	1307.7	1462.2	1727.9	2124.8	2271.1	1823.9
40°	1181.2	1183.6	1233.9	1307.7	*1390.8*	1425.9	1579.3	1850.8	2217.3	2321.5	1848.5
42.5°	1308.8	1328.7	1370.9	1452.8	*1514.9*	1543.0	1712.7	1963.2	2291.0	2323.8	1838.0
45°	1479.7	1495.0	1537.1	1609.7	*1671.7*	1704.5	1856.7	2066.3	2328.5	2303.9	1814.6
47.5°	1675.2	1684.6	1718.6	1784.1	*1853.2*	1876.6	2006.5	2124.8	2342.5	2289.9	1804.0
50°	1905.9	1905.9	1930.5	1986.6	*2049.9*	2082.6	2144.7	2159.9	2383.5	2265.3	1830.9
52.5°	2100.2	2109.6	2142.3	2222.0	*2285.2*	2322.6	2252.4	2213.8	2300.4	2128.3	1839.1
55°	2286.3	2296.9	2370.6	2470.1	*2577.8*	2618.8	2387.0	2186.8	2020.6	1928.1	1782.9
57.5°	2464.3	2486.5	2579.0	2773.3	*2936.1*	2932.6	2557.9	1945.7	1649.5	1706.9	1660.0
60°	2712.5	2735.9	2883.4	3128.1	*3327.1*	3244.0	2560.3	1619.1	1285.4	1362.7	1429.4
62.5°	2919.7	2959.5	3176.1	3583.5	*3766.1*	3636.1	2348.4	1239.8	853.4	950.6	1105.1
65°	2901.0	2953.6	3289.6	3918.3	*4191.0*	4070.5	2038.2	784.4	440.2	649.7	773.8
67°	*2645.7*	*2703.1*	*3138.6*	*3930.0*	*4343.2*	*4085.7*	*1720.9*	*474.1*	*279.8*	*450.7*	*537.3*
67.5°	2499.4	2583.7	3063.7	3907.7	*4315.1*	4021.3	1578.1	396.9	263.4	419.1	489.3
70°	1537.1	1672.9	2299.2	3454.7	*3867.9*	3365.7	876.8	224.8	214.2	281.0	338.3
72.5°	462.4	503.4	887.4	2216.1	*2838.9*	2494.7	394.5	173.3	192.0	225.9	261.1
75°	224.8	240.0	366.4	906.1	*1382.6*	1375.6	220.1	148.7	177.9	189.7	206.0
77.5°	144.0	153.4	228.3	506.9	*633.3*	564.3	159.2	129.9	158.0	155.7	153.4
80°	90.1	94.8	146.3	293.8	*467.1*	389.8	117.1	106.5	135.8	120.6	108.9
82.5°	58.5	64.4	93.7	179.1	*333.6*	290.3	77.3	76.1	112.4	96.0	84.3
85°	38.6	43.3	59.7	105.4	*197.8*	207.2	50.3	52.7	86.6	72.6	64.4
87.5°	14.0	17.6	30.4	46.8	*92.5*	114.7	21.1	19.9	42.1	33.9	26.9
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: P1457268
CATALOG NUMBER: GLAN-SB1B-840-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1204.6	1204.6	1204.6	1204.6	1204.6	1204.6	1204.6	1204.6	1204.6	1204.6	1204.6
2.5°	1208.1	1204.6	1188.2	1174.2	1163.7	1149.6	1134.4	1116.8	1105.1	1107.5	1104.0
5°	1214.0	1204.6	1173.0	1125.0	1078.2	1019.7	944.7	900.3	866.3	848.7	853.4
7.5°	1226.9	1210.5	1143.8	1046.6	924.8	805.4	731.7	689.5	669.6	661.4	660.3
10°	1249.1	1221.0	1106.3	924.8	765.6	684.8	657.9	646.2	643.9	643.9	642.7
12.5°	1276.0	1231.6	1043.1	806.6	689.5	660.3	655.6	656.8	660.3	663.8	657.9
15°	1308.8	1236.2	964.6	735.2	674.3	667.3	674.3	682.5	688.4	693.0	687.2
17.5°	1341.6	1231.6	890.9	701.2	676.7	686.0	700.1	712.9	716.5	723.5	718.8
20°	1365.0	1215.2	827.7	688.4	682.5	703.6	721.1	735.2	742.2	746.9	742.2
22.5°	1382.6	1194.1	782.0	675.5	682.5	708.3	729.3	745.7	753.9	758.6	752.7
25°	1397.8	1164.8	746.9	656.8	668.5	693.0	716.5	732.8	744.6	751.6	748.1
27.5°	1416.5	1141.4	714.1	628.7	639.2	662.6	687.2	707.1	729.3	741.0	738.7
30°	1437.6	1129.7	682.5	598.2	605.2	628.7	657.9	684.8	715.3	730.5	730.5
32.5°	1462.2	1121.5	653.2	569.0	574.8	600.6	628.7	653.2	686.0	710.6	709.4
35°	1472.7	1112.1	629.8	542.0	553.7	574.8	597.0	613.4	647.4	676.7	679.0
37.5°	1483.3	1108.6	618.1	521.0	530.3	546.7	558.4	566.6	598.2	628.7	629.8
40°	1496.1	1125.0	626.3	506.9	498.7	515.1	521.0	525.6	542.0	561.9	561.9
42.5°	1487.9	1136.7	645.0	494.0	460.1	478.8	481.2	480.0	481.2	482.3	481.2
45°	1466.9	1125.0	645.0	474.1	419.1	439.0	437.8	432.0	422.6	398.0	394.5
47.5°	1462.2	1118.0	620.5	441.3	378.1	394.5	396.9	385.2	358.2	332.5	324.3
50°	1482.1	1130.9	581.8	401.5	343.0	357.1	362.9	343.0	312.6	285.6	281.0
52.5°	1511.4	1147.3	525.6	358.2	313.7	327.8	334.8	312.6	281.0	259.9	257.6
55°	1507.8	1147.3	462.4	318.4	291.5	302.0	313.7	290.3	265.7	254.0	252.9
57.5°	1431.7	1104.0	415.6	290.3	270.4	279.8	295.0	272.8	249.4	251.7	255.2
60°	1283.1	991.6	380.5	271.6	251.7	261.1	277.5	251.7	221.3	213.1	213.1
62.5°	1057.1	817.1	352.4	252.9	234.1	245.8	254.0	220.1	200.2	190.8	190.8
65°	792.6	632.2	323.1	237.6	218.9	231.8	222.4	206.0	186.1	179.1	180.3
67°	*587.7*	*490.5*	*298.5*	*224.8*	*209.6*	*215.4*	*208.4*	*196.7*	*176.8*	*170.9*	*176.8*
67.5°	528.0	465.9	292.7	221.3	207.2	211.9	204.9	195.5	174.4	168.6	174.4
70°	362.9	358.2	261.1	204.9	194.3	189.7	193.2	181.5	163.9	161.6	167.4
72.5°	276.3	285.6	234.1	190.8	180.3	174.4	182.6	170.9	153.4	156.9	162.7
75°	216.6	230.6	209.6	170.9	163.9	165.1	181.5	176.8	162.7	166.2	167.4
77.5°	160.4	186.1	179.1	148.7	142.8	159.2	204.9	218.9	194.3	188.5	180.3
80°	117.1	133.5	151.0	122.9	119.4	153.4	252.9	279.8	240.0	216.6	210.7
82.5°	86.6	93.7	124.1	98.3	86.6	137.0	281.0	329.0	285.6	241.2	234.1
85°	62.0	72.6	98.3	72.6	57.4	112.4	275.1	321.9	283.3	228.3	222.4
87.5°	22.2	31.6	42.1	32.8	29.3	77.3	227.1	231.8	176.8	80.8	81.9
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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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

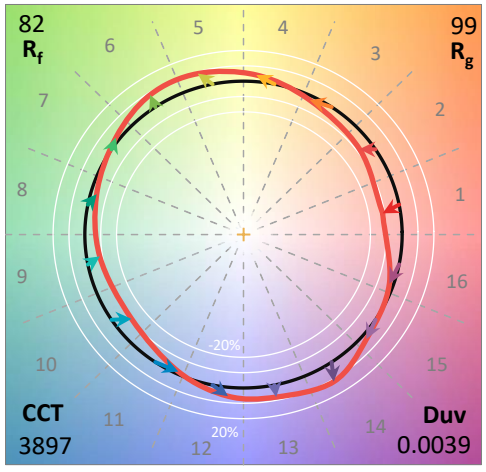
Test Information

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

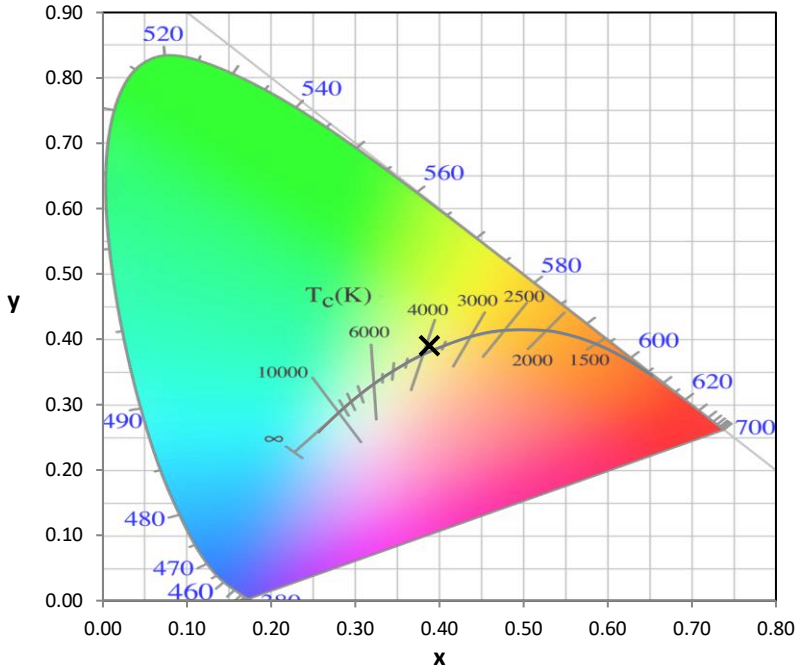
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

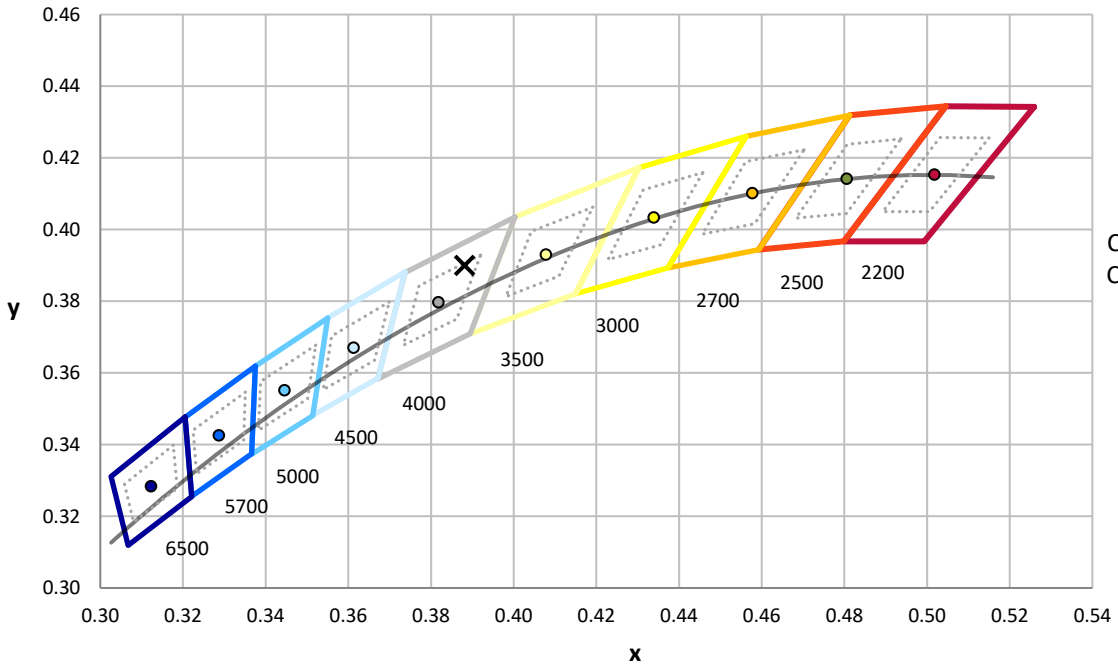
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

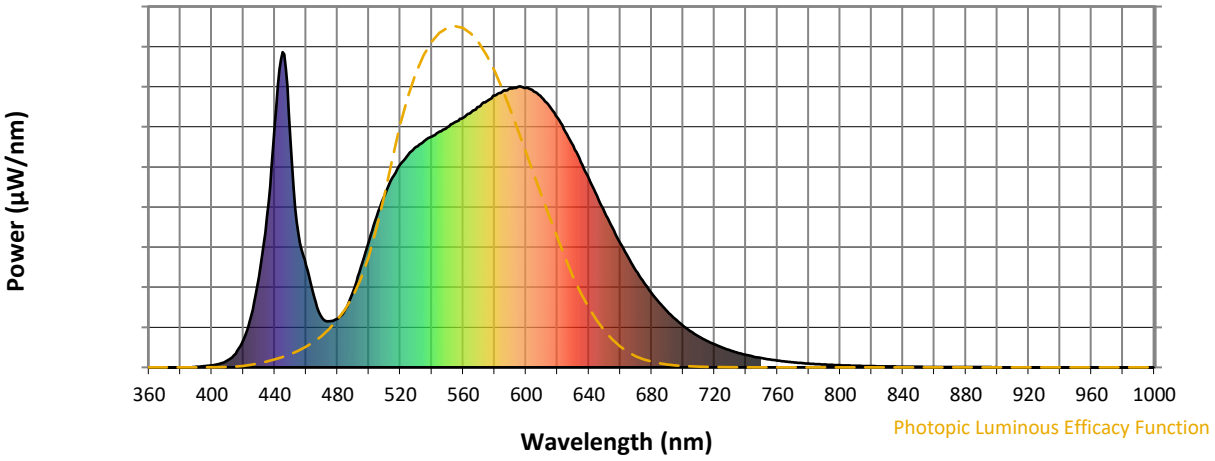


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

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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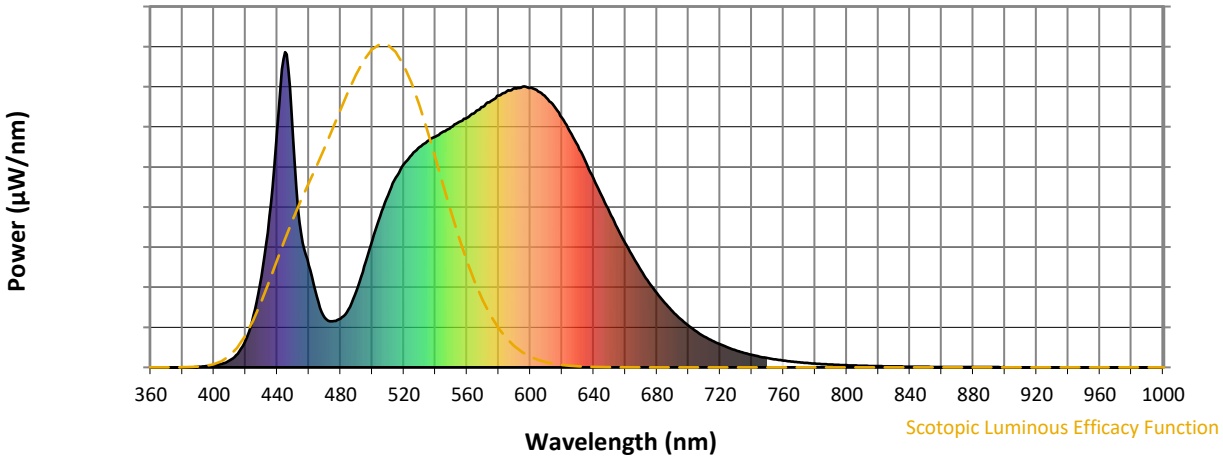
Scotopic Flux vs. Wavelength



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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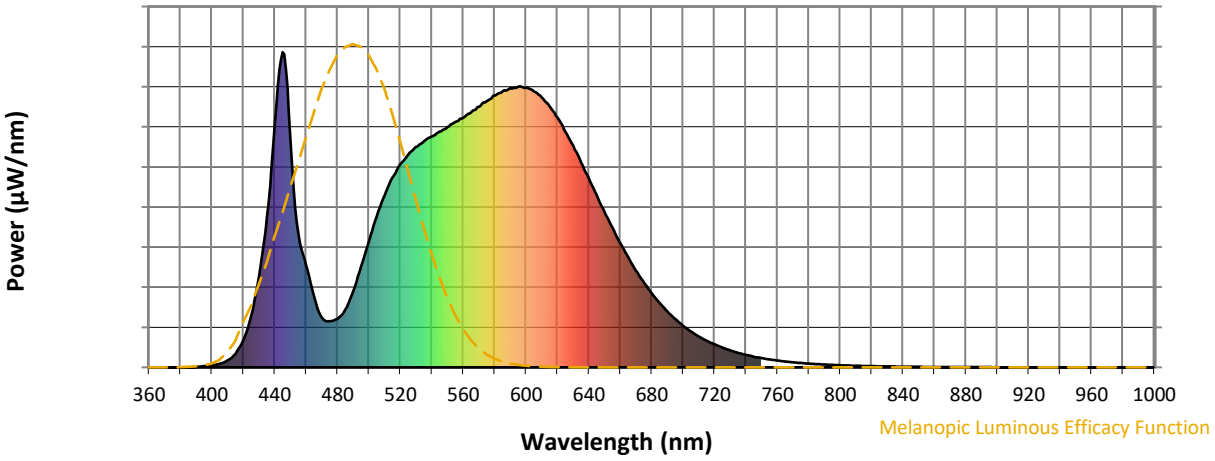
Melanopic Flux vs. Wavelength



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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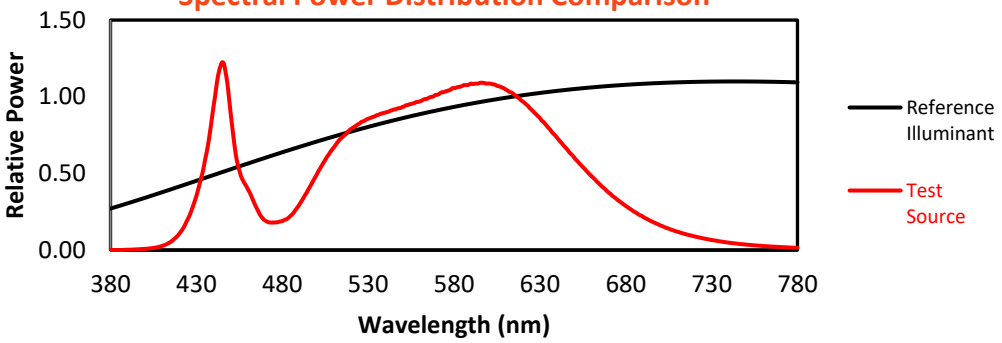
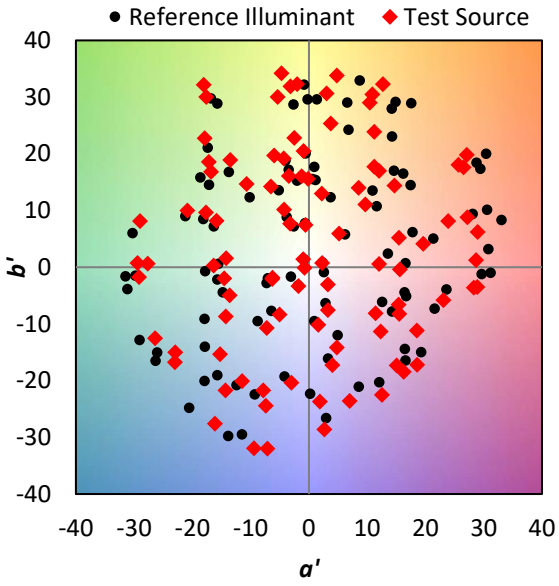
Summary

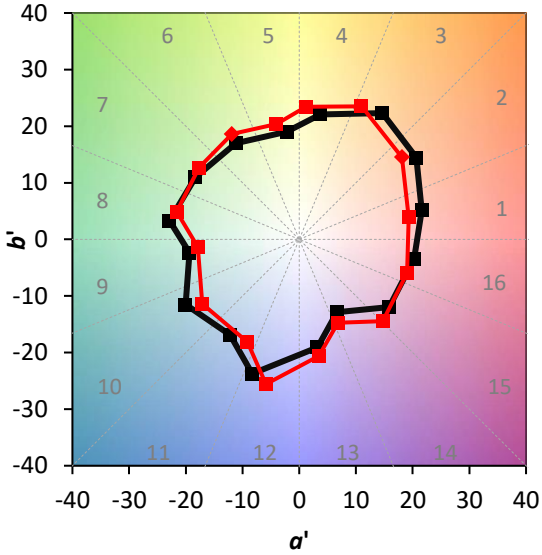
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

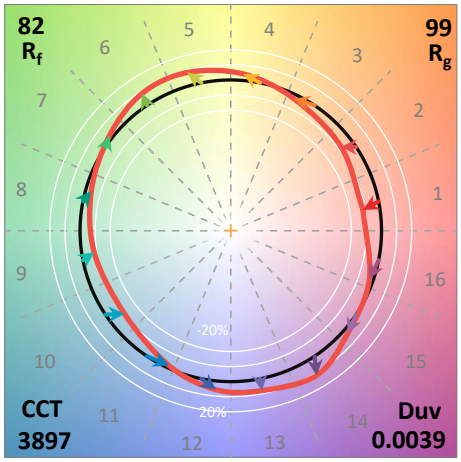
Spectral Power Distribution Comparison

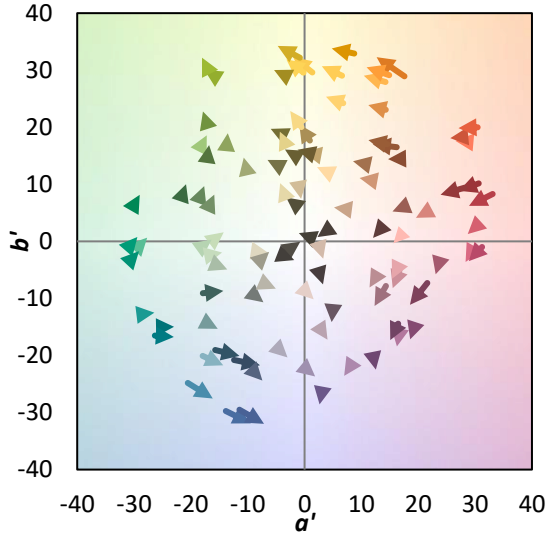


Color Vector Graphics









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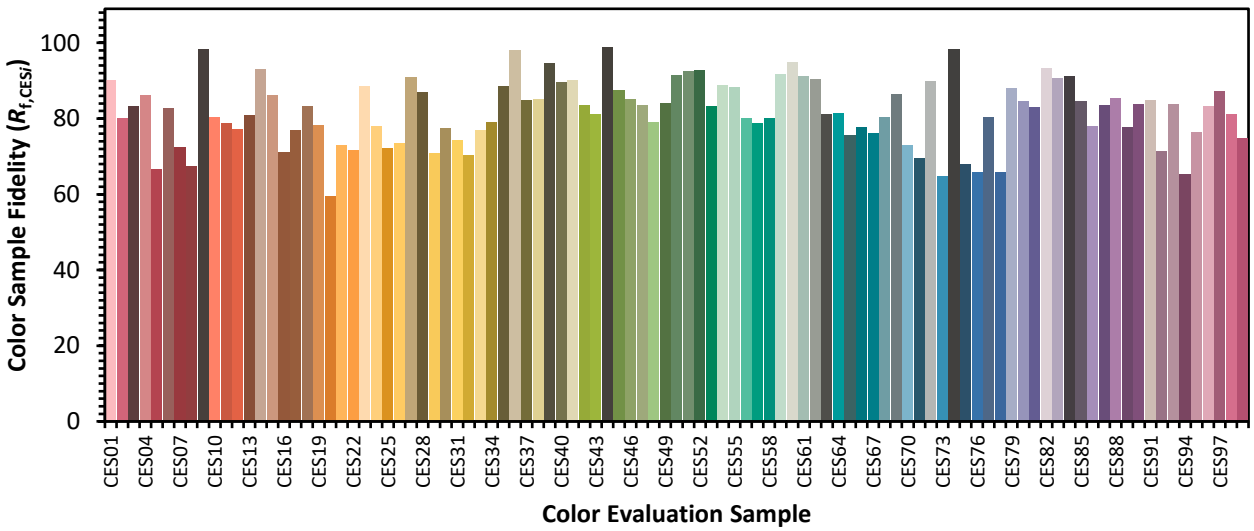
Individual Sample Fidelity Index ($R_{f,i}$)

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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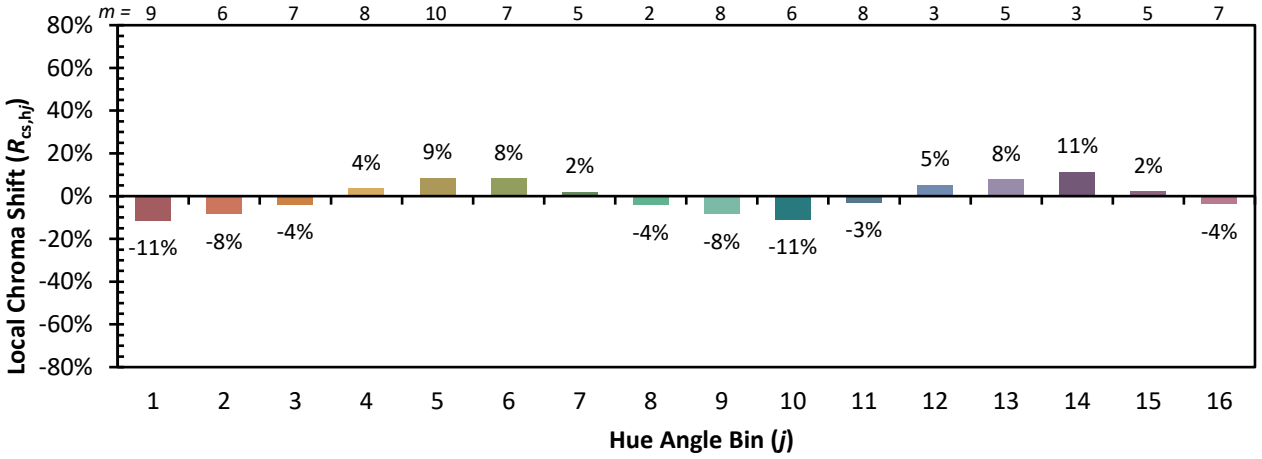
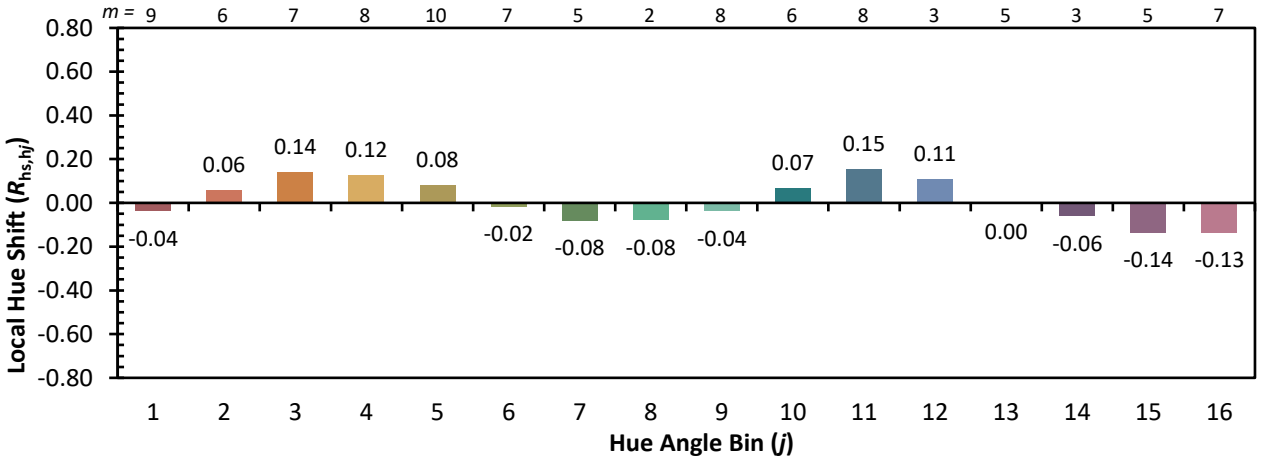
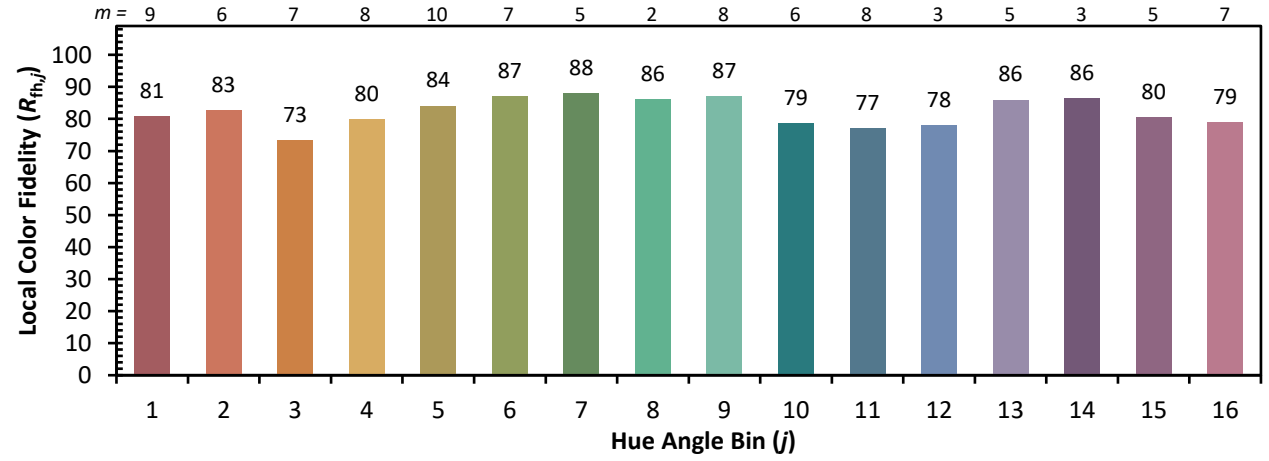
Color Rendition by Hue-Angle Bin







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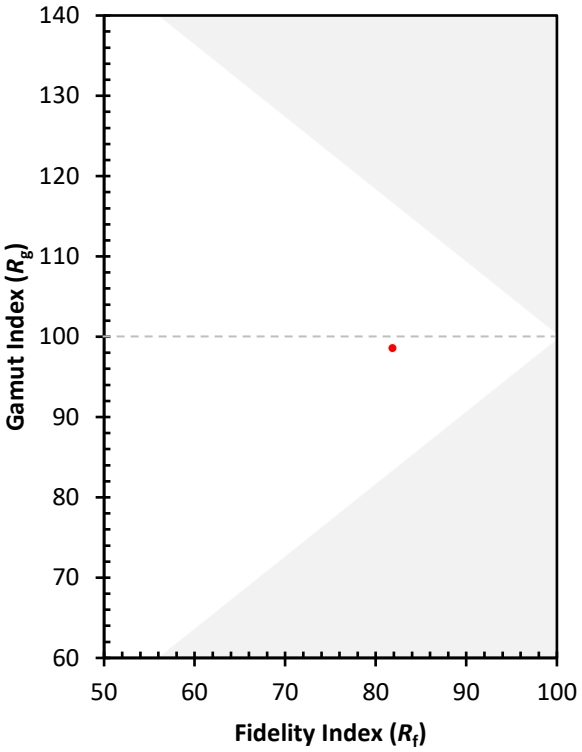
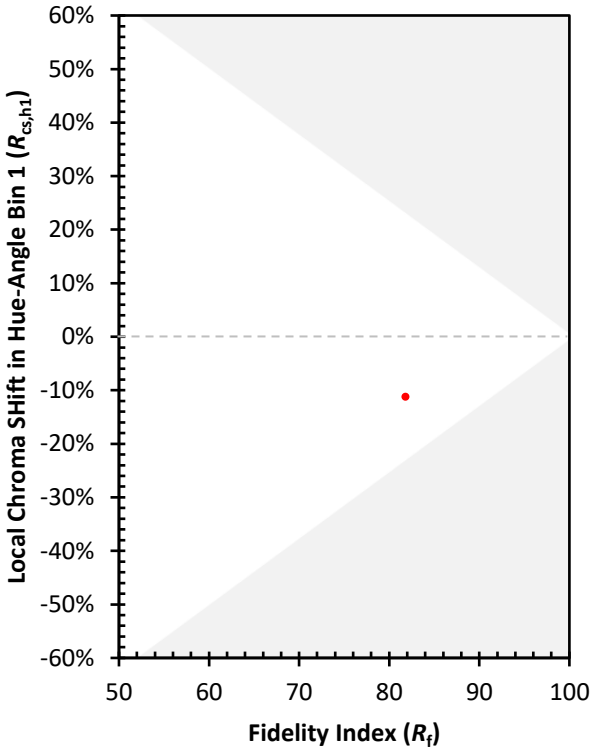
Measure Comparisons





(END OF REPORT)