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: P1457015

Luminaire Tested: GLAN-SB1A-730-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:	P1457015
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/21/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB1A-730-U-T4LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 1xLight Square PACKAGE 70CRI 3000K FIXTURE w/ TYPE IV LOW GLARE
Light Source:	(26) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4390.6 lumens
Efficiency:	N/A
Efficacy:	142.1 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):	30.9
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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Scaled Data Report

REPORT NUMBER: P1457015
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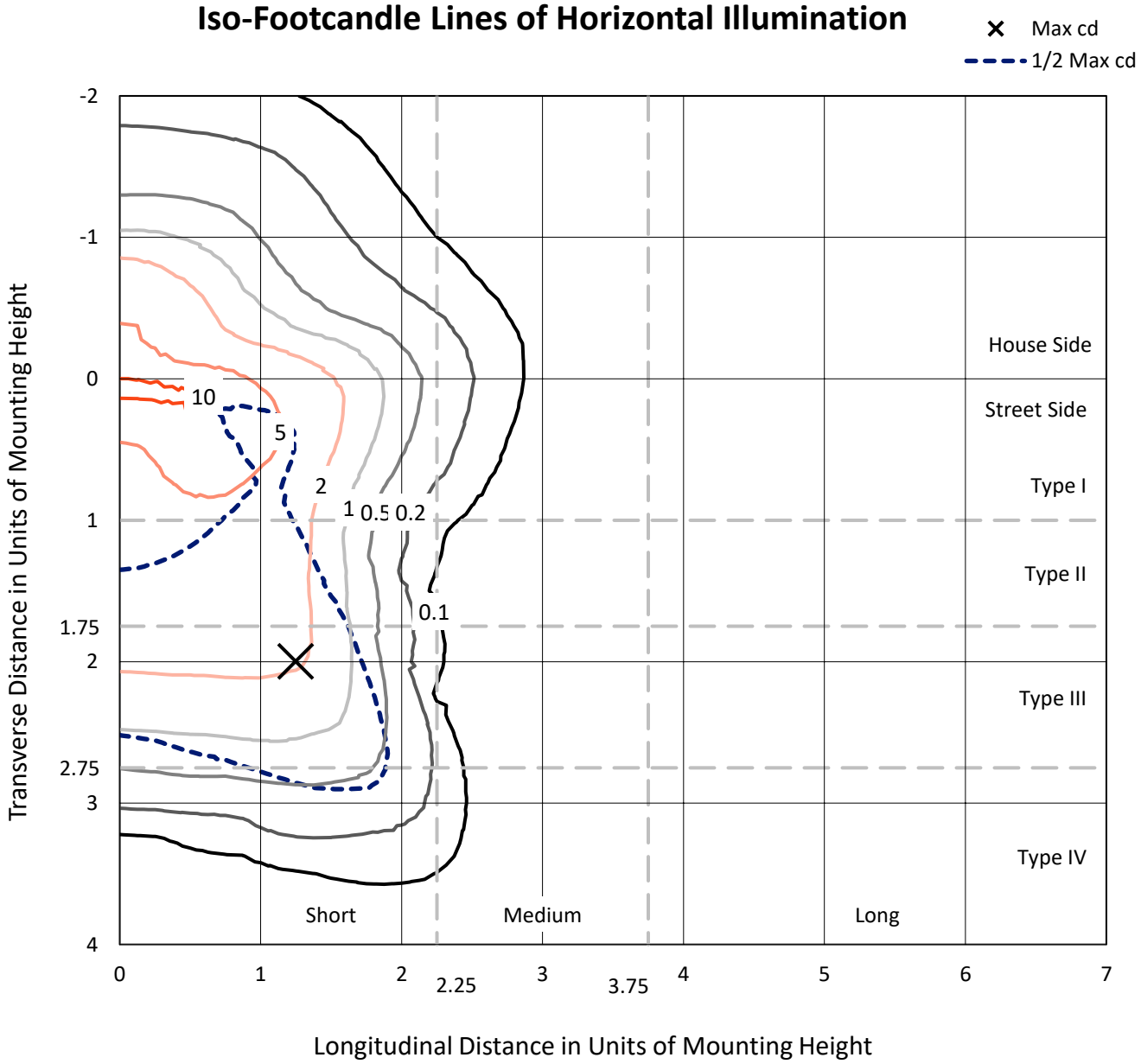
Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 10.8 fc
Type IV - Short - N/A

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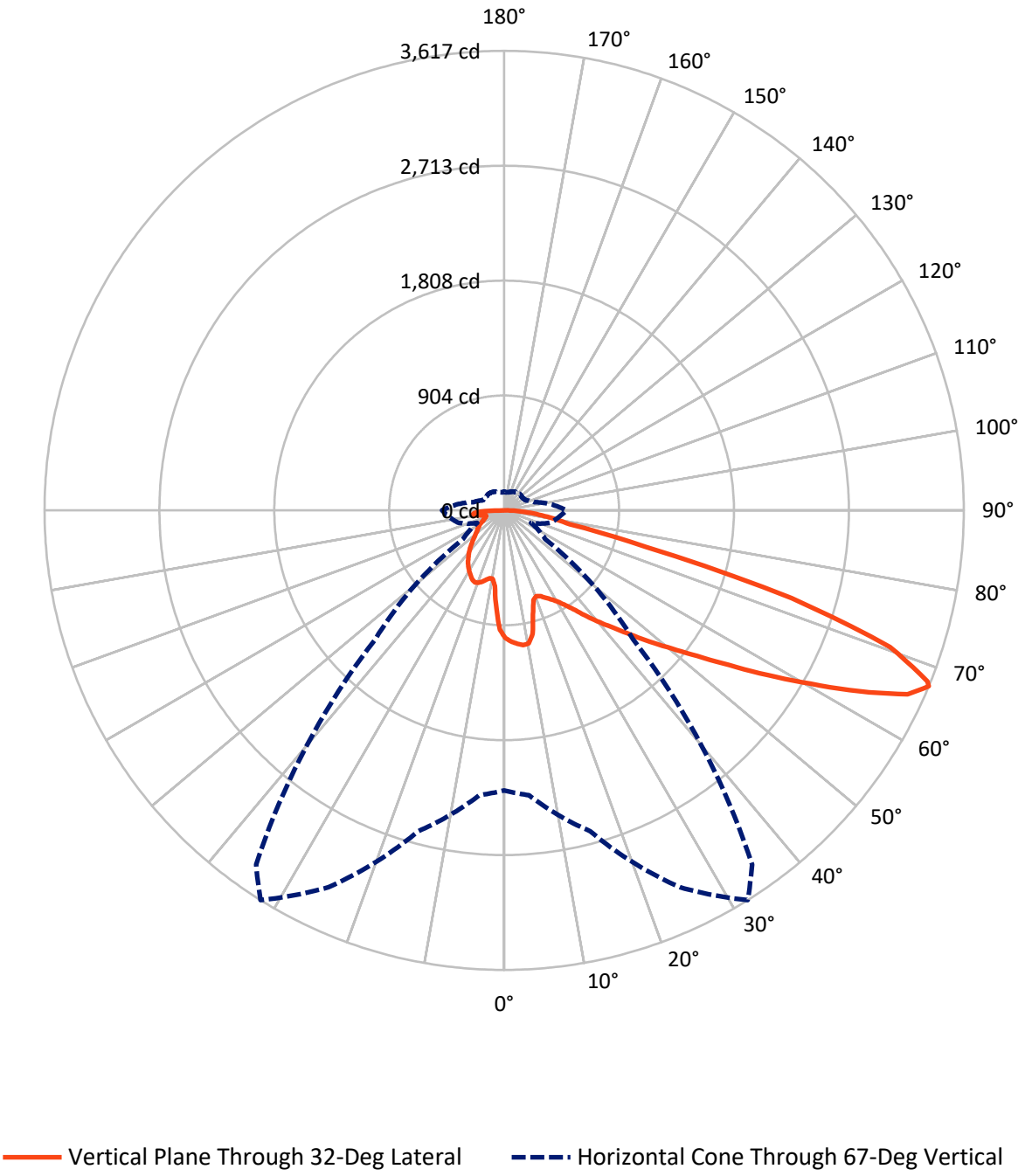
Luminous Intensity Polar Plot



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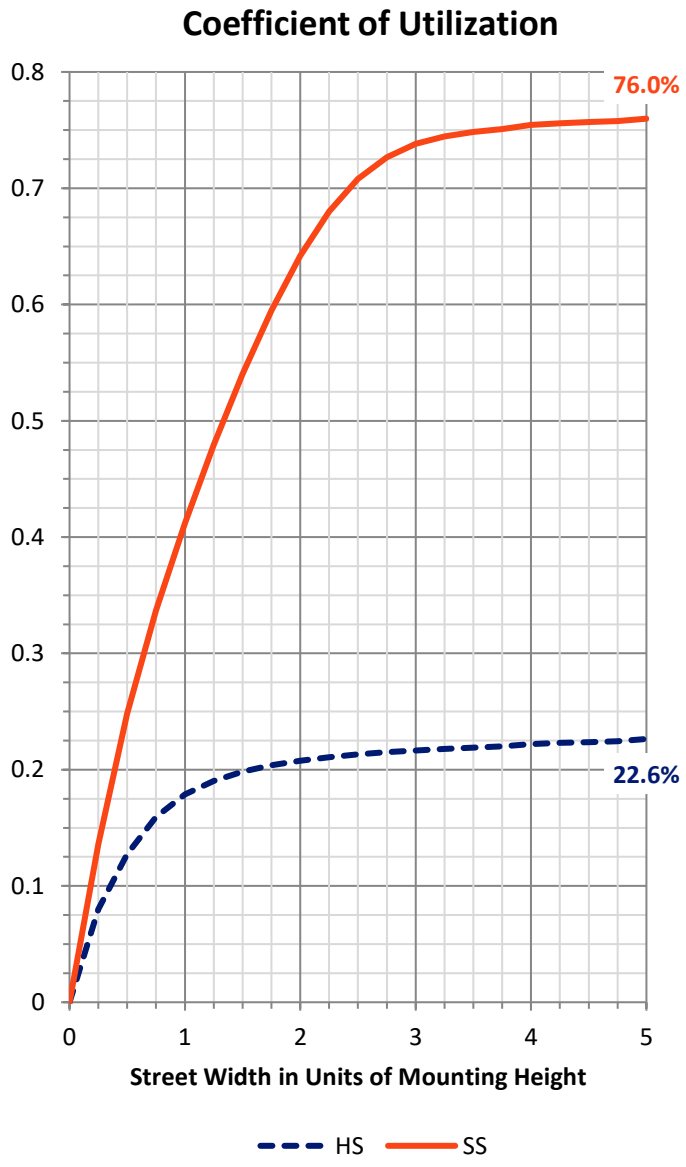
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1039.4	0.0	1039.4
	% Fixture	23.7	0.0	23.7
Street Side	Lumens	3351.1	0.0	3351.1
	% Fixture	76.3	0.0	76.3
Total	Lumens	4390.6	0.0	4390.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	87.7	2.0
10°-20°	232.7	5.3
20°-30°	380.0	8.7
30°-40°	560.1	12.8
40°-50°	772.5	17.6
50°-60°	975.9	22.2
60°-70°	944.5	21.5
70°-80°	337.1	7.7
80°-90°	100.1	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°	4390.6	100.0
0°-180°	4390.6	100.0



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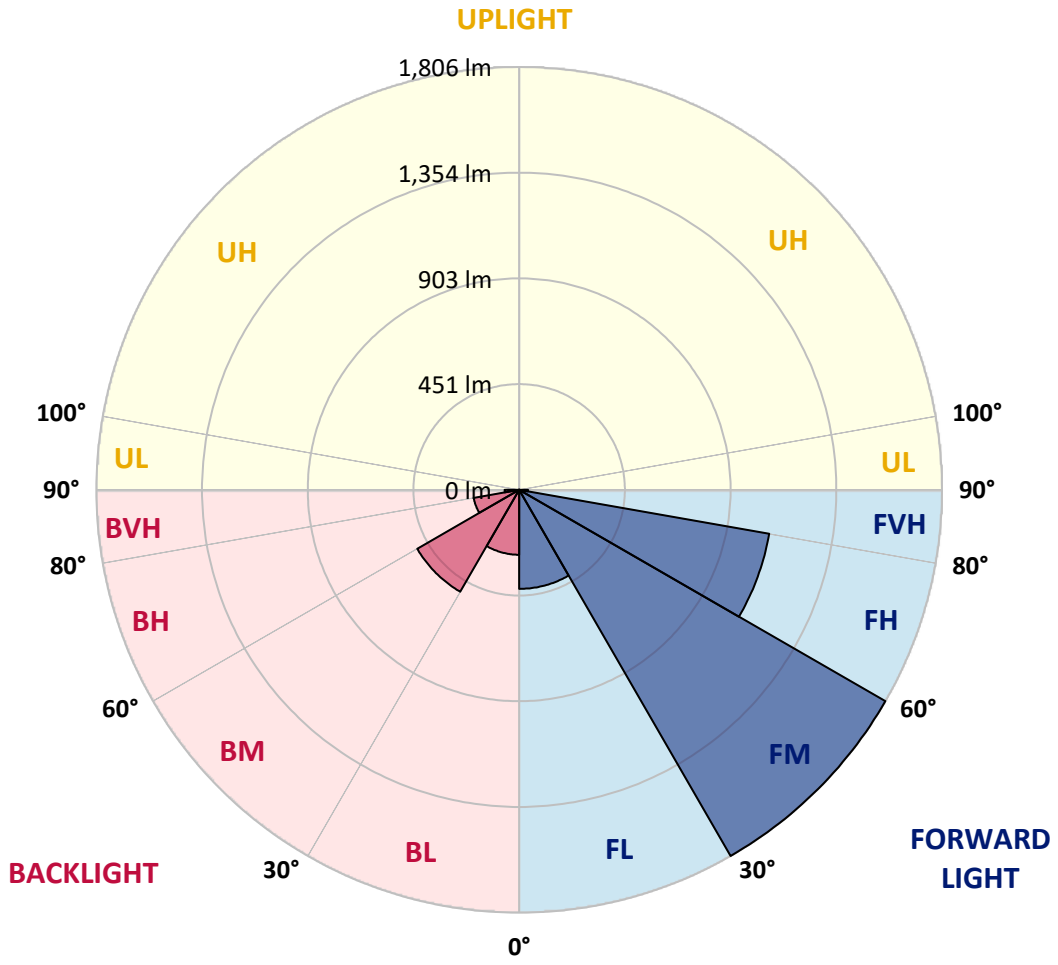
CATALOG NUMBER: GLAN-SB1A-730-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	423.0	9.6			
FM	(30°-60°)	1806.0	41.1			
FH	(60°-80°)	1084.4	24.7			G1/1800
FVH	(80°-90°)	37.7	0.9			G1/100
BL	(0°-30°)	277.4	6.3	B1/500		
BM	(30°-60°)	502.5	11.4	B1/1000		
BH	(60°-80°)	197.2	4.5	B1/500		G1/500
BVH	(80°-90°)	62.4	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: P1457015
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	32°	35°	45°	55°	65°	75°	85°
0°	1003.2	1003.2	1003.2	1003.2	*1003.2*	1003.2	1003.2	1003.2	1003.2	1003.2	1003.2
2.5°	1041.2	1038.2	1035.3	1037.3	*1033.4*	1032.4	1027.5	1025.6	1019.7	1018.8	1008.0
5°	1062.6	1056.8	1055.8	1057.7	*1053.8*	1053.8	1049.9	1047.0	1038.2	1033.4	1017.8
7.5°	1062.6	1061.6	1063.6	1070.4	*1071.4*	1071.4	1071.4	1072.4	1063.6	1056.8	1032.4
10°	1002.2	992.4	1013.9	1048.0	*1064.6*	1074.3	1091.9	1102.6	1095.8	1090.9	1057.7
12.5°	821.8	822.8	856.9	930.0	*996.3*	1024.6	1097.7	1136.7	1139.6	1131.8	1089.9
15°	697.0	701.9	719.5	772.1	*848.1*	890.1	1063.6	1166.9	1190.3	1182.5	1128.9
17.5°	659.0	661.9	669.7	700.0	*742.9*	777.0	971.0	1186.4	1251.7	1242.0	1172.8
20°	653.2	655.1	664.9	690.2	*719.5*	739.0	876.4	1170.8	1309.3	1305.4	1212.8
22.5°	654.1	656.1	668.8	703.9	*734.1*	750.7	846.2	1134.8	1369.7	1373.6	1253.7
25°	656.1	657.1	676.6	723.4	*761.4*	781.9	865.7	1102.6	1420.4	1453.5	1298.5
27.5°	666.8	669.7	696.1	748.7	*793.6*	816.9	911.5	1113.3	1476.0	1544.2	1352.2
30°	696.1	698.0	730.2	784.8	*833.5*	857.9	966.1	1156.2	1544.2	1637.8	1404.8
32.5°	741.9	743.8	780.9	837.4	*890.1*	919.3	1037.3	1238.1	1620.3	1736.3	1457.4
35°	805.3	806.2	848.1	908.6	*964.2*	997.3	1120.1	1330.7	1699.2	1820.1	1496.4
37.5°	880.3	887.1	930.0	993.4	*1058.7*	1088.9	1217.6	1438.9	1769.4	1891.3	1518.9
40°	983.7	985.6	1027.5	1088.9	*1158.2*	1187.4	1315.1	1541.3	1846.4	1933.2	1539.3
42.5°	1089.9	1106.5	1141.6	1209.8	*1261.5*	1284.9	1426.3	1634.9	1907.8	1935.1	1530.6
45°	1232.2	1244.9	1280.0	1340.5	*1392.1*	1419.4	1546.2	1720.7	1939.0	1918.6	1511.1
47.5°	1395.1	1402.9	1431.1	1485.7	*1543.2*	1562.7	1670.9	1769.4	1950.7	1906.9	1502.3
50°	1587.1	1587.1	1607.6	1654.4	*1707.0*	1734.3	1786.0	1798.7	1984.9	1886.4	1524.7
52.5°	1748.9	1756.7	1784.0	1850.3	*1903.0*	1934.2	1875.7	1843.5	1915.6	1772.3	1531.5
55°	1903.9	1912.7	1974.1	2057.0	*2146.7*	2180.8	1987.8	1821.1	1682.6	1605.6	1484.7
57.5°	2052.1	2070.6	2147.7	2309.5	*2445.0*	2442.1	2130.1	1620.3	1373.6	1421.4	1382.4
60°	2258.8	2278.3	2401.1	2604.9	*2770.6*	2701.4	2132.1	1348.3	1070.4	1134.8	1190.3
62.5°	2431.4	2464.5	2644.9	2984.1	*3136.2*	3028.0	1955.6	1032.4	710.7	791.6	920.3
65°	2415.8	2459.6	2739.4	3262.9	*3490.1*	3389.7	1697.3	653.2	366.6	541.1	644.4
67°	*2203.2*	*2251.0*	*2613.7*	*3272.7*	*3616.8*	*3402.3*	*1433.1*	*394.8*	*233.0*	*375.3*	*447.5*
67.5°	2081.4	2151.6	2551.3	3254.2	*3593.4*	3348.7	1314.1	330.5	219.3	349.0	407.5
70°	1280.0	1393.1	1914.7	2876.9	*3221.0*	2802.8	730.2	187.2	178.4	234.0	281.7
72.5°	385.1	419.2	739.0	1845.4	*2364.1*	2077.5	328.5	144.3	159.9	188.2	217.4
75°	187.2	199.9	305.1	754.6	*1151.3*	1145.5	183.3	123.8	148.2	157.9	171.6
77.5°	119.9	127.7	190.1	422.1	*527.4*	469.9	132.6	108.2	131.6	129.7	127.7
80°	75.1	79.0	121.9	244.7	*389.0*	324.6	97.5	88.7	113.1	100.4	90.7
82.5°	48.7	53.6	78.0	149.2	*277.8*	241.8	64.3	63.4	93.6	79.9	70.2
85°	32.2	36.1	49.7	87.7	*164.8*	172.6	41.9	43.9	72.1	60.4	53.6
87.5°	11.7	14.6	25.3	39.0	*77.0*	95.5	17.5	16.6	35.1	28.3	22.4
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: P1457015
CATALOG NUMBER: GLAN-SB1A-730-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1003.2	1003.2	1003.2	1003.2	1003.2	1003.2	1003.2	1003.2	1003.2	1003.2	1003.2
2.5°	1006.1	1003.2	989.5	977.8	969.0	957.3	944.7	930.0	920.3	922.2	919.3
5°	1011.0	1003.2	976.8	936.9	897.9	849.1	786.7	749.7	721.4	706.8	710.7
7.5°	1021.7	1008.0	952.5	871.5	770.2	670.7	609.3	574.2	557.6	550.8	549.8
10°	1040.2	1016.8	921.3	770.2	637.6	570.3	547.9	538.1	536.2	536.2	535.2
12.5°	1062.6	1025.6	868.6	671.7	574.2	549.8	545.9	546.9	549.8	552.8	547.9
15°	1089.9	1029.5	803.3	612.2	561.5	555.7	561.5	568.4	573.2	577.1	572.3
17.5°	1117.2	1025.6	741.9	584.0	563.5	571.3	583.0	593.7	596.6	602.5	598.6
20°	1136.7	1011.9	689.2	573.2	568.4	585.9	600.5	612.2	618.1	622.0	618.1
22.5°	1151.3	994.4	651.2	562.5	568.4	589.8	607.4	621.0	627.8	631.7	626.8
25°	1164.0	970.0	622.0	546.9	556.7	577.1	596.6	610.3	620.0	625.9	622.9
27.5°	1179.6	950.5	594.7	523.5	532.3	551.8	572.3	588.8	607.4	617.1	615.1
30°	1197.2	940.8	568.4	498.2	504.0	523.5	547.9	570.3	595.7	608.3	608.3
32.5°	1217.6	933.9	544.0	473.8	478.7	500.1	523.5	544.0	571.3	591.8	590.8
35°	1226.4	926.1	524.5	451.4	461.1	478.7	497.2	510.8	539.1	563.5	565.4
37.5°	1235.2	923.2	514.7	433.8	441.6	455.3	465.0	471.8	498.2	523.5	524.5
40°	1245.9	936.9	521.6	422.1	415.3	428.9	433.8	437.7	451.4	467.9	467.9
42.5°	1239.1	946.6	537.2	411.4	383.1	398.7	400.7	399.7	400.7	401.7	400.7
45°	1221.5	936.9	537.2	394.8	349.0	365.6	364.6	359.7	351.9	331.5	328.5
47.5°	1217.6	931.0	516.7	367.5	314.9	328.5	330.5	320.7	298.3	276.9	270.0
50°	1234.2	941.7	484.5	334.4	285.6	297.3	302.2	285.6	260.3	237.9	234.0
52.5°	1258.6	955.4	437.7	298.3	261.3	273.0	278.8	260.3	234.0	216.4	214.5
55°	1255.6	955.4	385.1	265.2	242.7	251.5	261.3	241.8	221.3	211.5	210.6
57.5°	1192.3	919.3	346.1	241.8	225.2	233.0	245.7	227.1	207.6	209.6	212.5
60°	1068.5	825.7	316.8	226.2	209.6	217.4	231.0	209.6	184.3	177.4	177.4
62.5°	880.3	680.5	293.4	210.6	195.0	204.7	211.5	183.3	166.7	158.9	158.9
65°	660.0	526.4	269.1	197.9	182.3	193.0	185.2	171.6	155.0	149.2	150.1
67°	*489.4*	*408.5*	*248.6*	*187.2*	*174.5*	*179.4*	*173.5*	*163.8*	*147.2*	*142.3*	*147.2*
67.5°	439.7	388.0	243.7	184.3	172.6	176.5	170.6	162.8	145.3	140.4	145.3
70°	302.2	298.3	217.4	170.6	161.8	157.9	160.9	151.1	136.5	134.5	139.4
72.5°	230.1	237.9	195.0	158.9	150.1	145.3	152.1	142.3	127.7	130.6	135.5
75°	180.4	192.1	174.5	142.3	136.5	137.5	151.1	147.2	135.5	138.4	139.4
77.5°	133.6	155.0	149.2	123.8	118.9	132.6	170.6	182.3	161.8	157.0	150.1
80°	97.5	111.1	125.8	102.4	99.4	127.7	210.6	233.0	199.9	180.4	175.5
82.5°	72.1	78.0	103.3	81.9	72.1	114.1	234.0	273.9	237.9	200.8	195.0
85°	51.7	60.4	81.9	60.4	47.8	93.6	229.1	268.1	235.9	190.1	185.2
87.5°	18.5	26.3	35.1	27.3	24.4	64.3	189.1	193.0	147.2	67.3	68.2
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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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-4

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-730-U-5WQ

Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

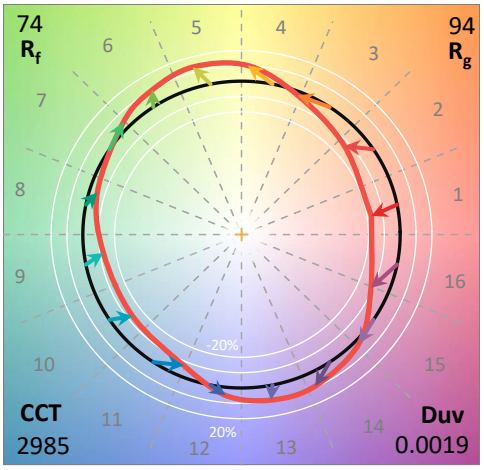
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-4
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-730-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K):	2985
CIE u':	0.2504
CIE v':	0.5243
Duv:	0.0019
CIE x:	0.4408
CIE y:	0.4101
CIE z:	0.1491
Peak Wavelength (nm):	595
Dominant Wavelength (nm):	582
Purity:	55.41818
Rf:	73.8
Rg:	94.4

CRI (Ra):	70.8
R1:	66.3
R2:	80.6
R3:	94.5
R4:	68.2
R5:	66.5
R6:	74.7
R7:	76.2
R8:	39.6
R9:	-43.2
R10:	57.6
R11:	64.8
R12:	53.5
R13:	68.7
R14:	97.0
R15:	56.4



Test Conditions

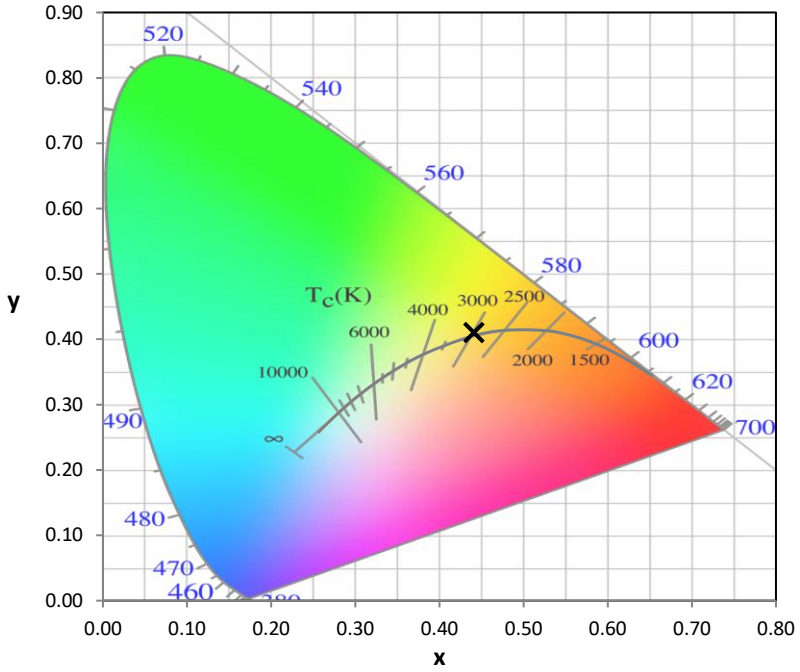
Stabilization Time:	36M
Operation Time:	1H 36M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-4

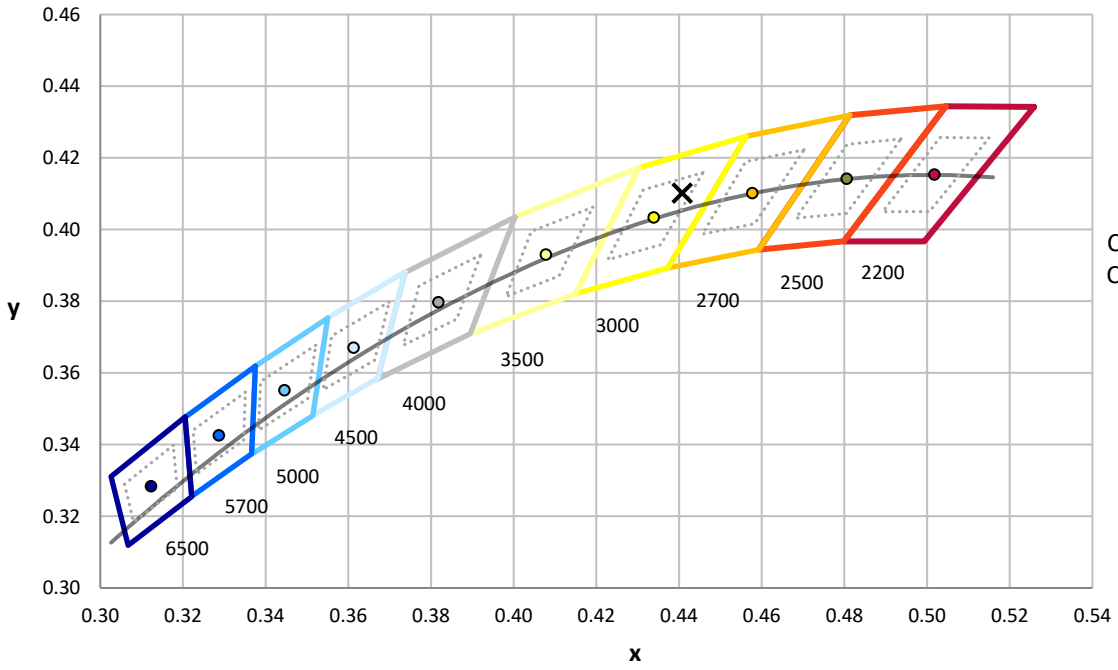
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-4

CIE 1931 Chromaticity Diagram



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

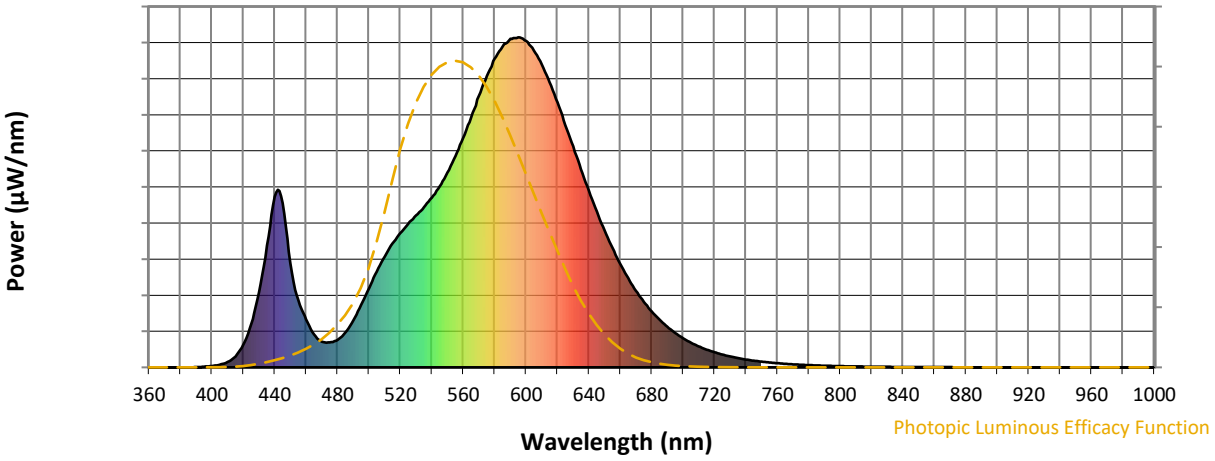


CCT = 2985K
CIE x = 0.4408
CIE y = 0.4101
Duv = 0.0019

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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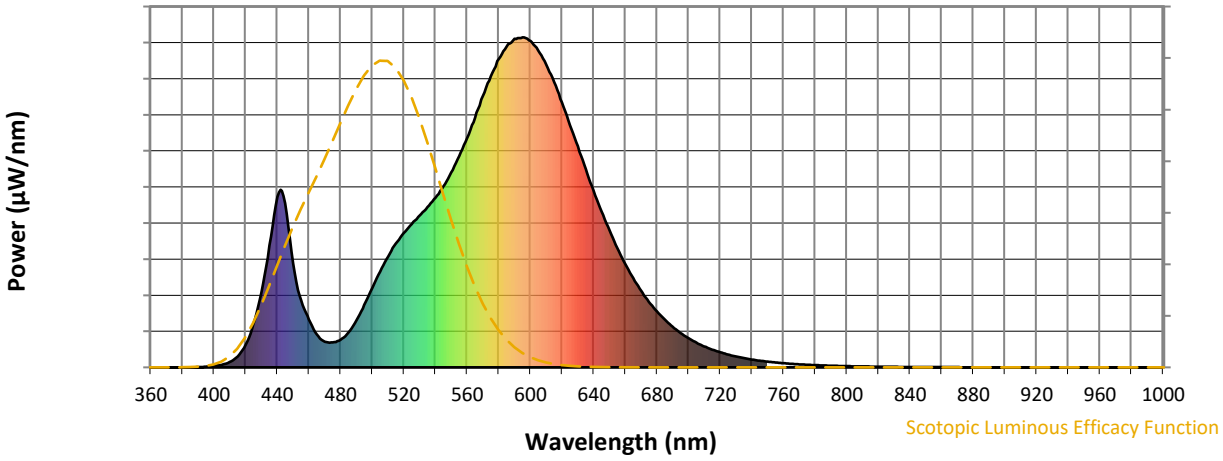
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.19**

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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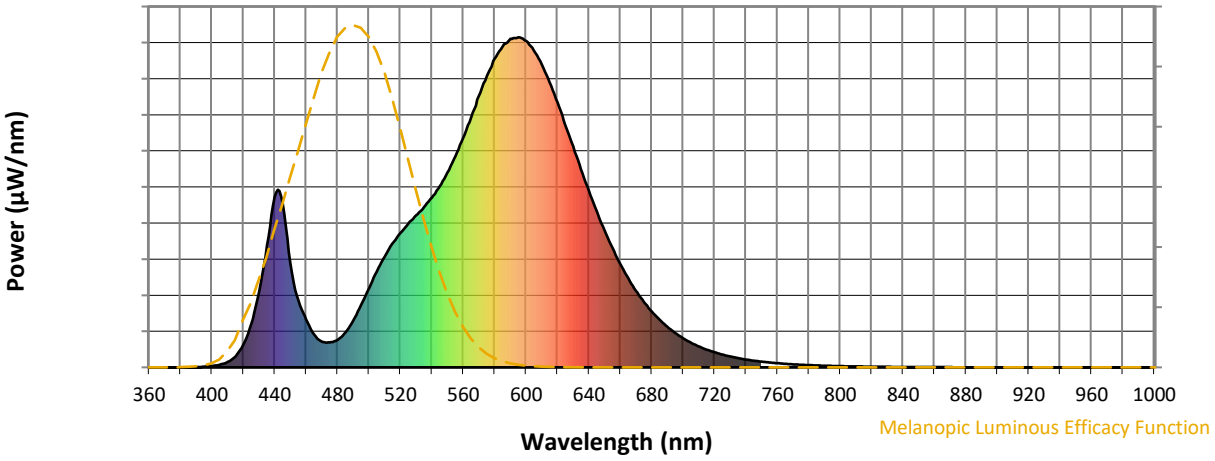
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.13**

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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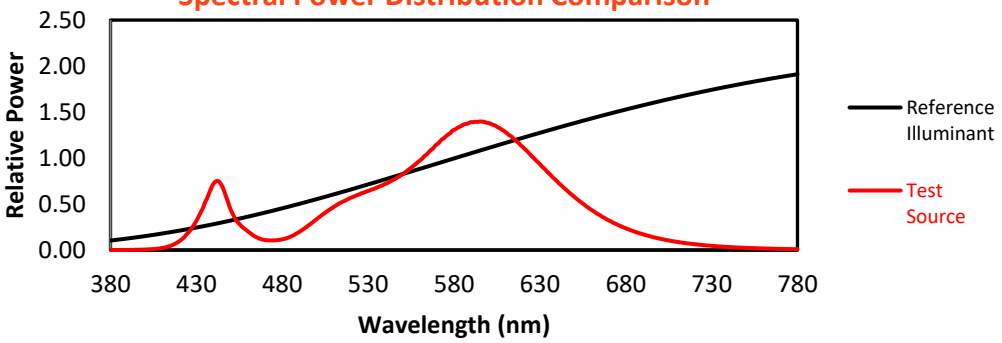
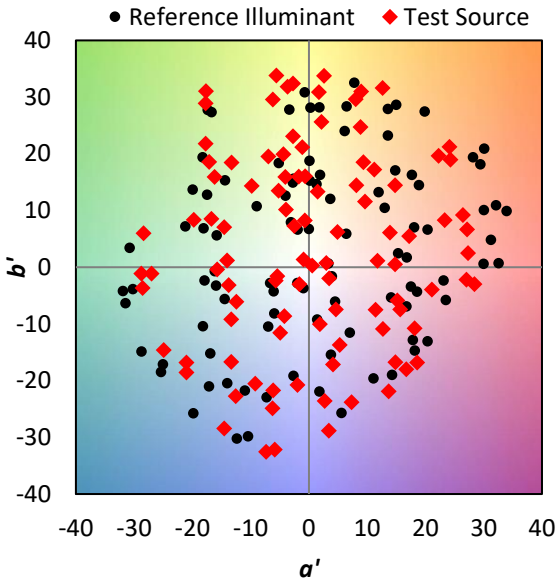
Summary

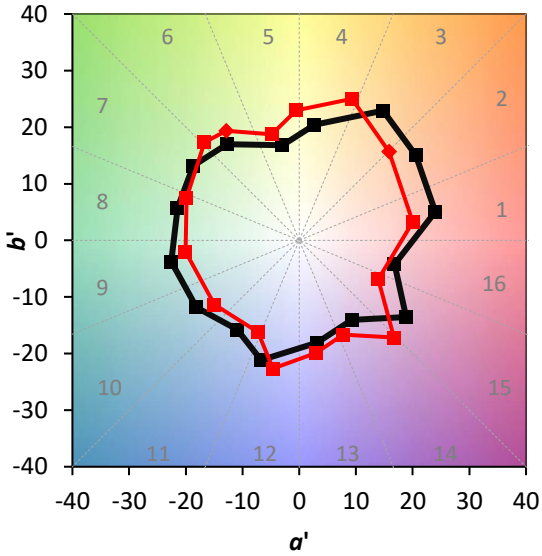
R_f = 73.8
R_g = 94.4
CIE R_a = 70.8
R_9 = -43.2

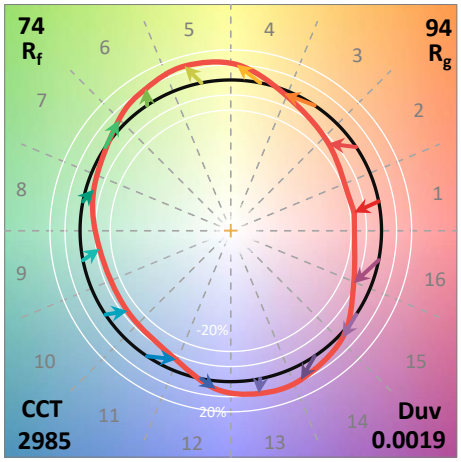
Spectral Power Distribution Comparison

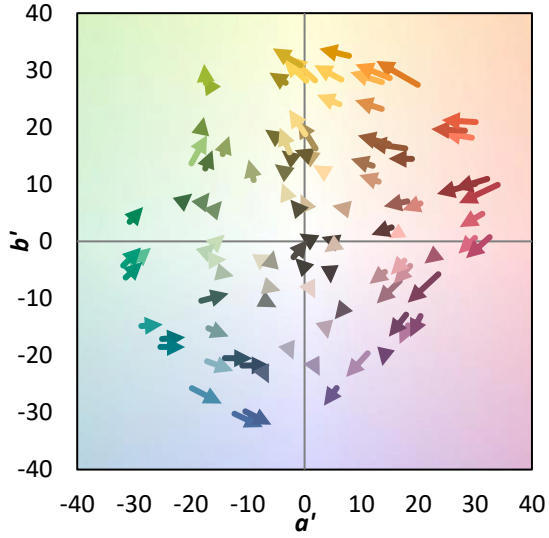


Color Vector Graphics









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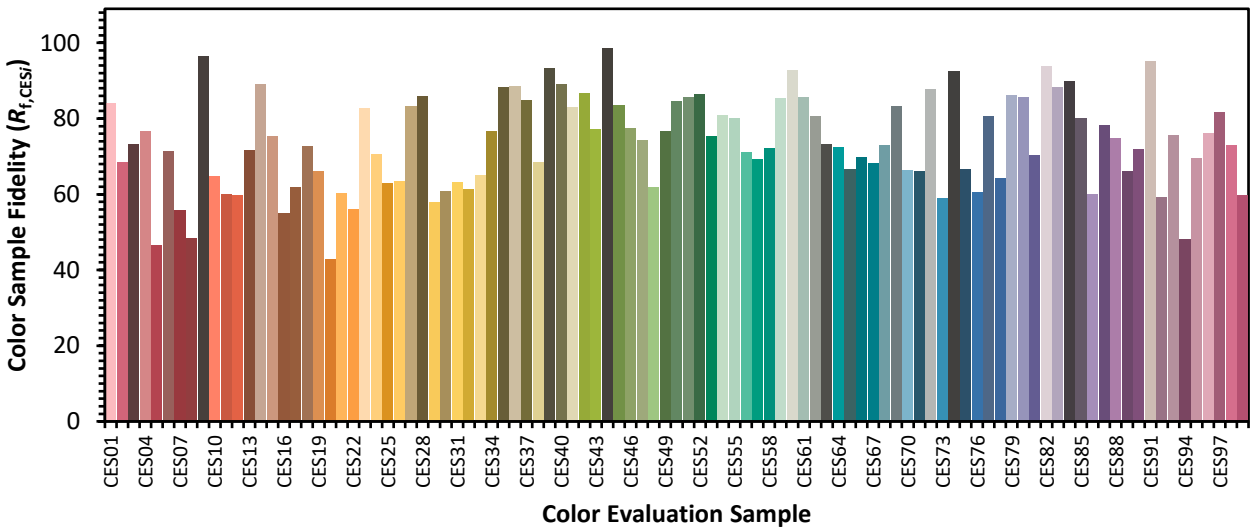
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 94
CES08 = 40	CES33 = 65	CES58 = 72	CES83 = 88
CES09 = 29	CES34 = 77	CES59 = 85	CES84 = 90
CES10 = 76	CES35 = 88	CES60 = 93	CES85 = 80
CES11 = 59	CES36 = 89	CES61 = 86	CES86 = 60
CES12 = 65	CES37 = 85	CES62 = 81	CES87 = 78
CES13 = 43	CES38 = 69	CES63 = 73	CES88 = 75
CES14 = 74	CES39 = 93	CES64 = 72	CES89 = 66
CES15 = 71	CES40 = 89	CES65 = 67	CES90 = 72
CES16 = 47	CES41 = 83	CES66 = 70	CES91 = 95
CES17 = 50	CES42 = 87	CES67 = 68	CES92 = 59
CES18 = 56	CES43 = 77	CES68 = 73	CES93 = 76
CES19 = 73	CES44 = 99	CES69 = 83	CES94 = 48
CES20 = 66	CES45 = 83	CES70 = 66	CES95 = 70
CES21 = 87	CES46 = 77	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 74	CES72 = 88	CES97 = 82
CES23 = 92	CES48 = 62	CES73 = 59	CES98 = 73
CES24 = 91	CES49 = 77	CES74 = 93	CES99 = 60
CES25 = 73	CES50 = 85	CES75 = 67	



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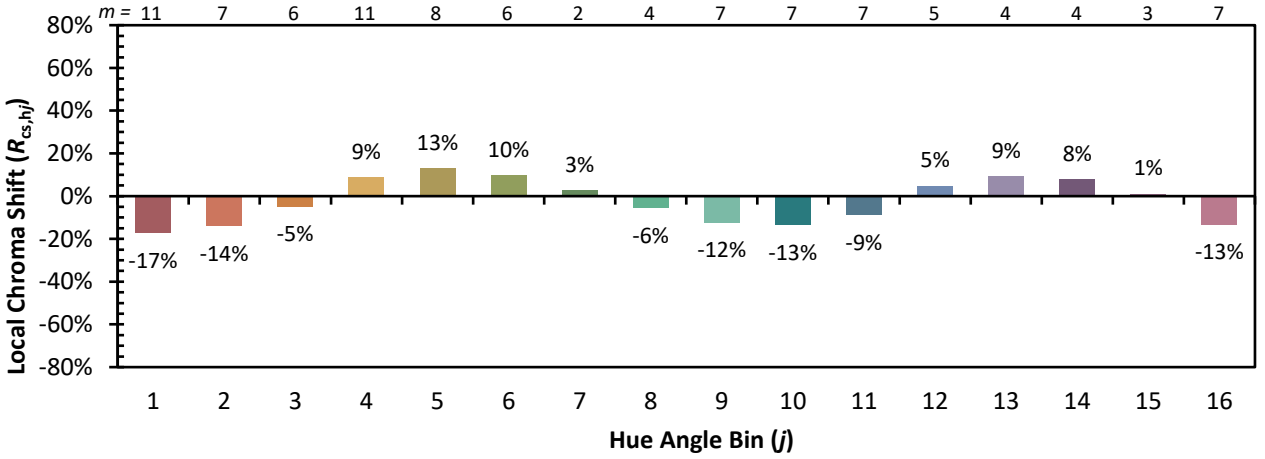
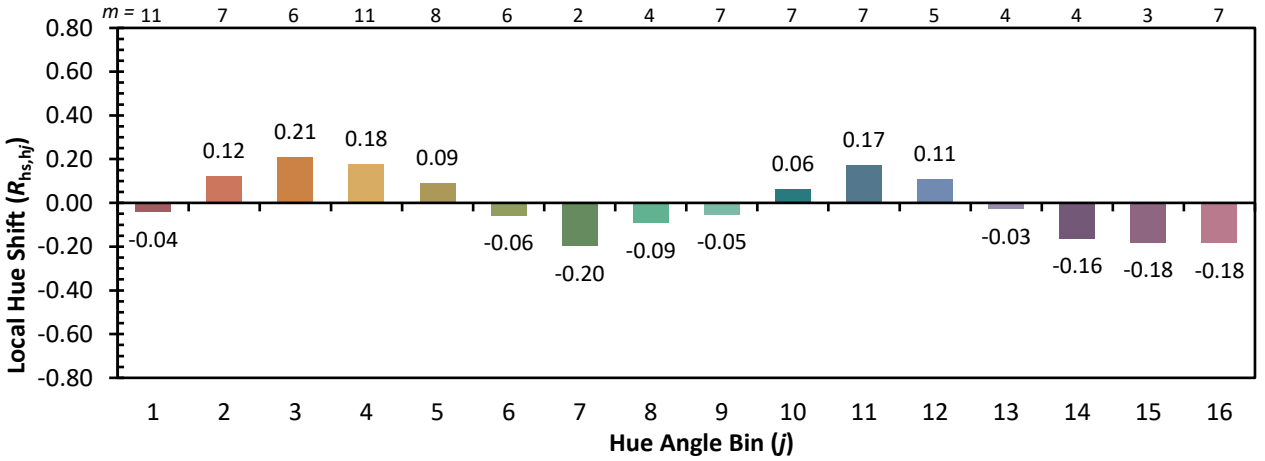
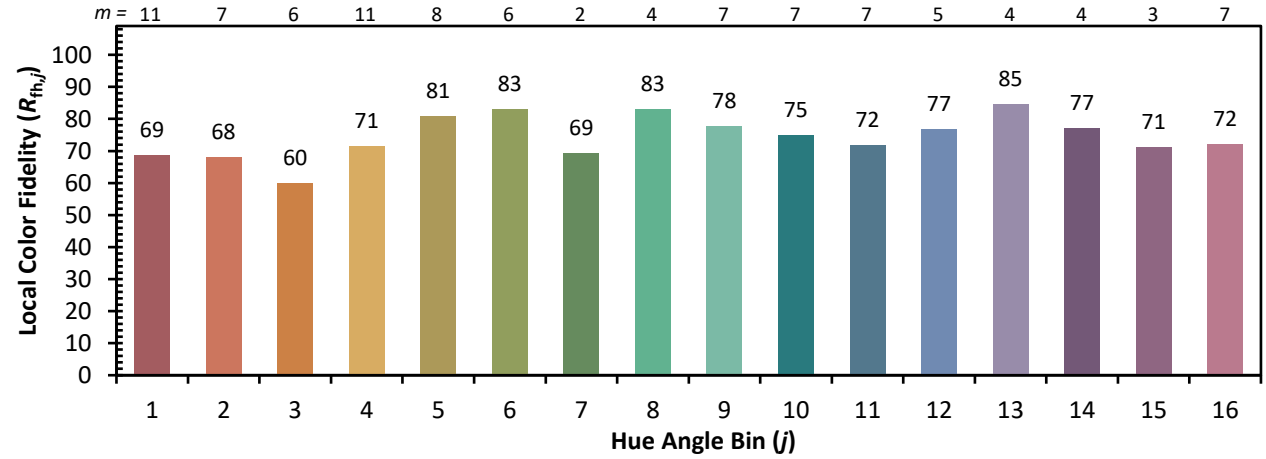
Color Rendition by Hue-Angle Bin







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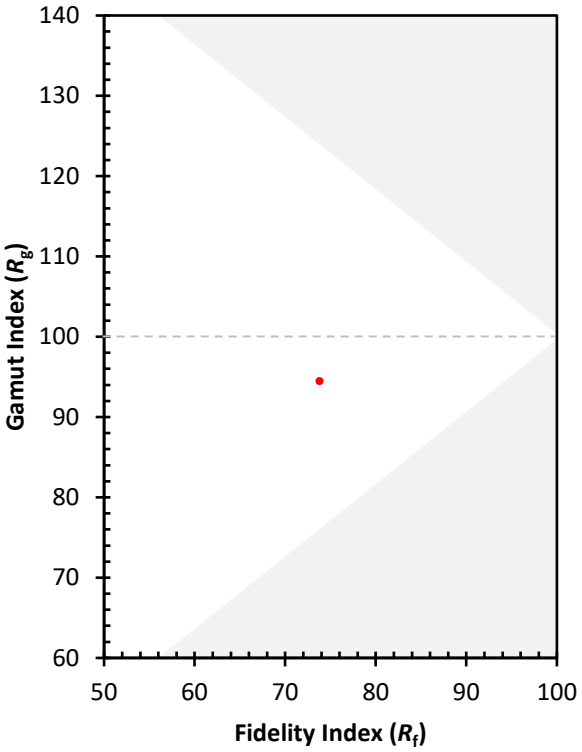
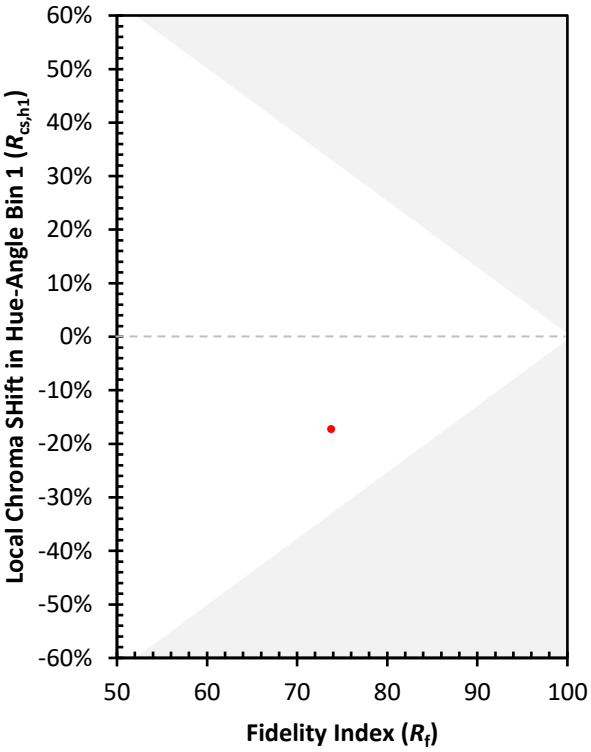
Measure Comparisons





(END OF REPORT)