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: P1458960

Luminaire Tested: GLAN-SB1B-835-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:	P1458960
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB1B-835-U-T4LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 1xLight Square PACKAGE 80CRI 3500K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(26) 3500K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3789.8 lumens
Efficiency:	N/A
Efficacy:	95.2 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B0 - 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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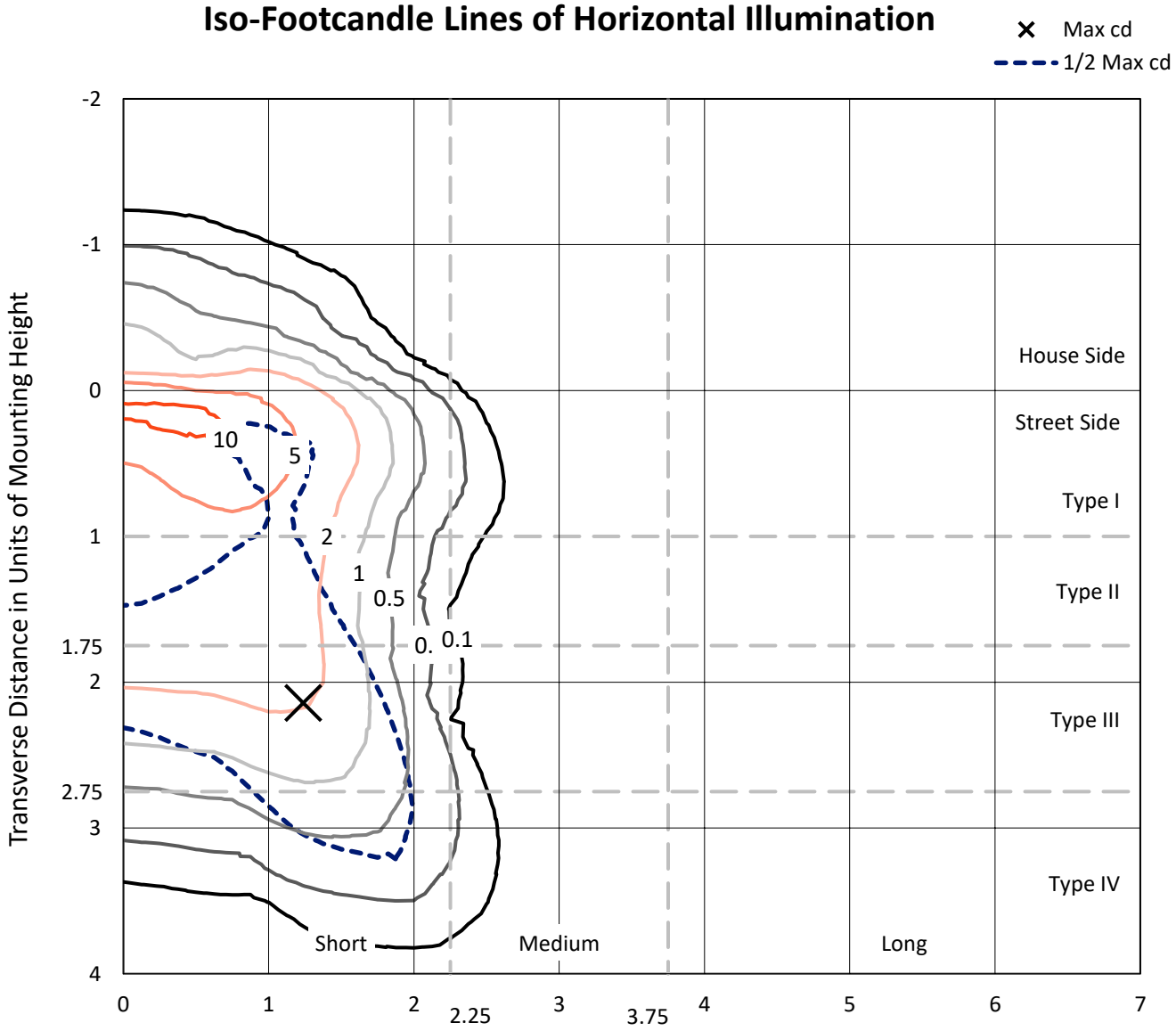
REPORT NUMBER: P1458960
CATALOG NUMBER: GLAN-SB1B-835-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 11.4 fc
Type IV - Short - N/A

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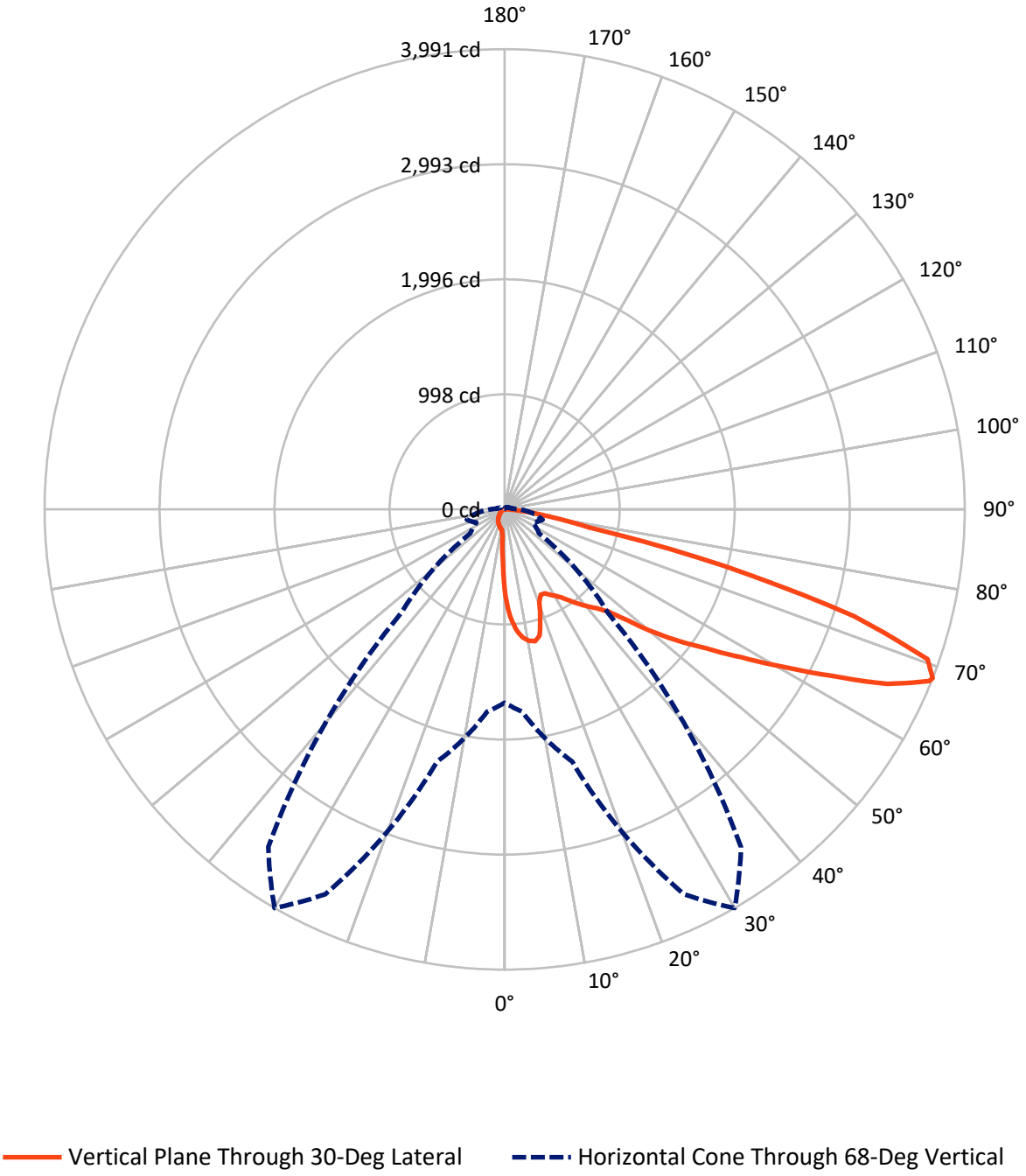
Luminous Intensity Polar Plot



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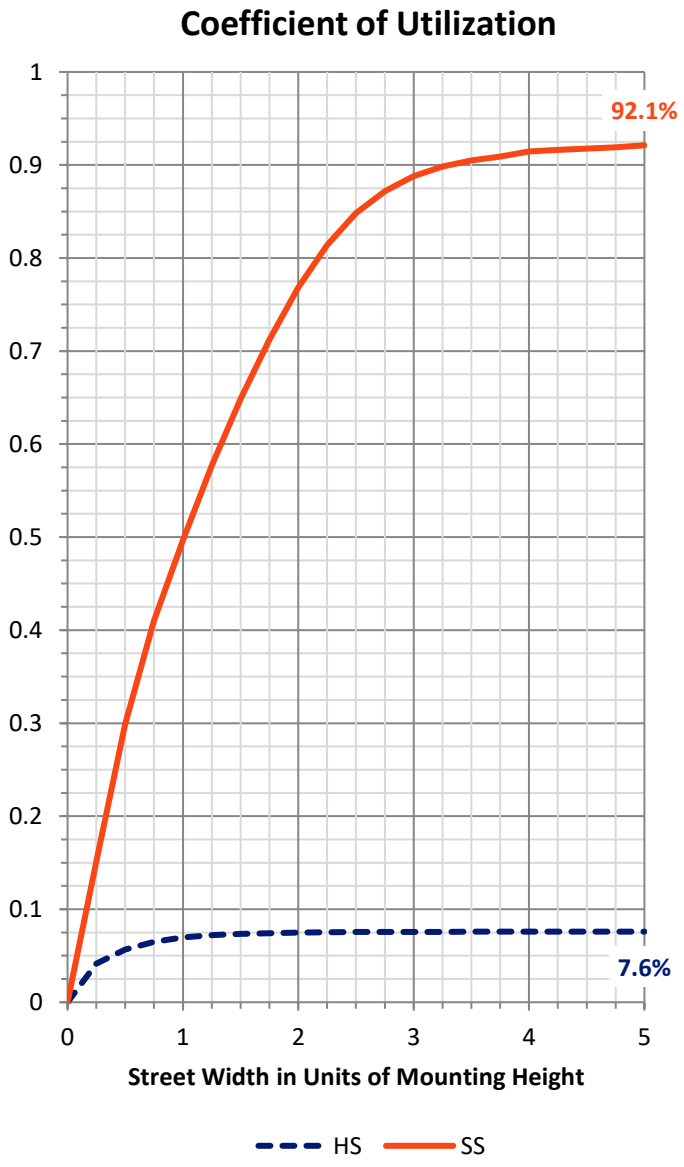
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	289.3	0.0	289.3
	% Fixture	7.6	0.0	7.6
Street Side	Lumens	3500.6	0.0	3500.6
	% Fixture	92.4	0.0	92.4
Total	Lumens	3789.8	0.0	3789.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	64.5	1.7
10°-20°	184.1	4.9
20°-30°	289.3	7.6
30°-40°	453.8	12.0
40°-50°	678.2	17.9
50°-60°	902.3	23.8
60°-70°	872.2	23.0
70°-80°	313.5	8.3
80°-90°	32.0	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°	3789.8	100.0
0°-180°	3789.8	100.0



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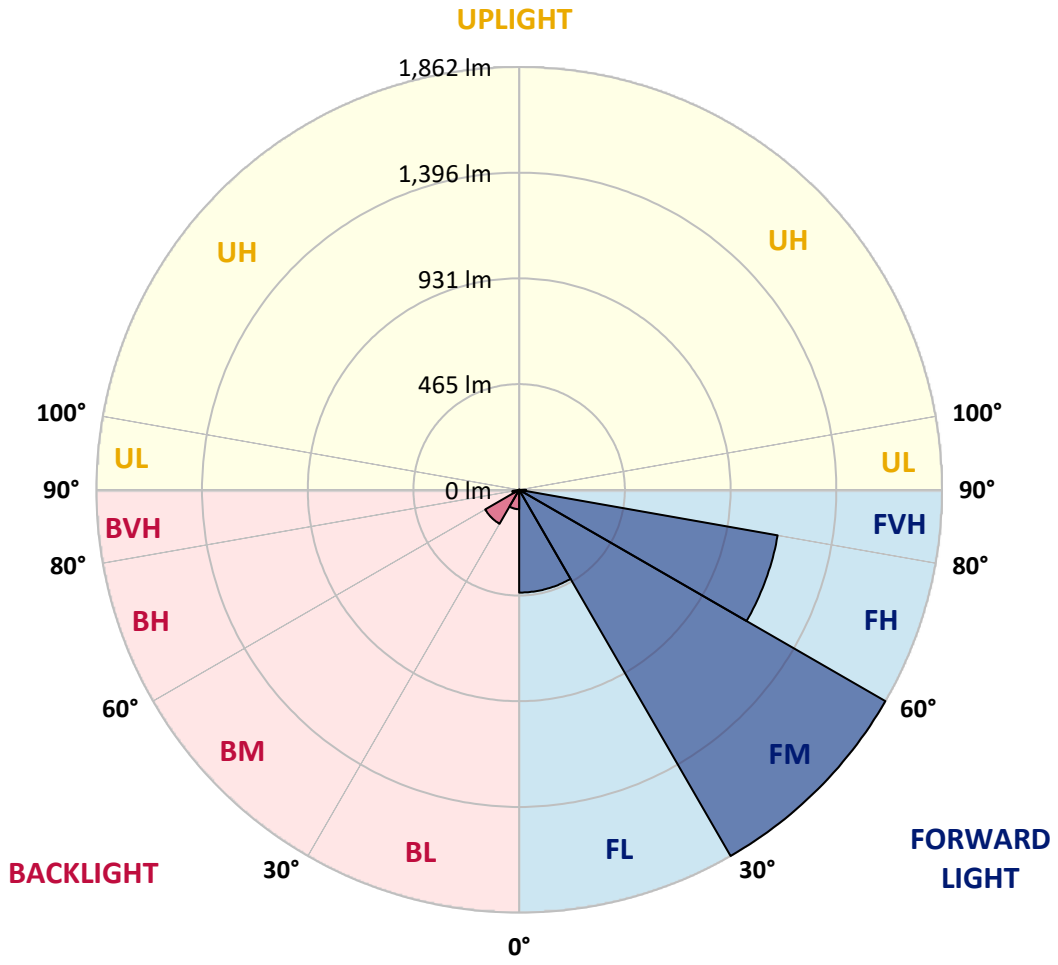
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	452.5	11.9			
FM	(30°-60°)	1861.6	49.1			
FH	(60°-80°)	1155.6	30.5			G1/1800
FVH	(80°-90°)	30.9	0.8			G1/100
BL	(0°-30°)	85.4	2.3	B0/110		
BM	(30°-60°)	172.7	4.6	B0/220		
BH	(60°-80°)	30.1	0.8	B0/110		G0/110
BVH	(80°-90°)	1.1	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G1
Type IV Short



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REPORT NUMBER: P1458960
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	747.3	747.3	747.3	747.3	*747.3*	747.3	747.3	747.3	747.3	747.3	747.3
2.5°	955.1	955.1	948.3	939.2	*929.0*	925.6	906.3	879.1	850.7	817.7	770.0
5°	1077.8	1076.7	1063.0	1063.0	*1049.4*	1036.9	1017.6	977.9	932.4	873.4	790.5
7.5°	1132.3	1134.6	1128.9	1128.9	*1121.0*	1111.9	1100.5	1061.9	1008.5	929.0	810.9
10°	1151.6	1152.8	1152.8	1160.7	*1158.4*	1157.3	1156.2	1134.6	1078.9	985.8	832.5
12.5°	1105.1	1110.7	1126.6	1161.9	*1173.2*	1185.7	1202.7	1195.9	1157.3	1057.4	865.4
15°	955.1	956.3	1000.6	1088.0	*1134.6*	1182.3	1248.2	1261.8	1236.8	1134.6	899.5
17.5°	788.2	791.6	826.8	924.5	*999.4*	1109.6	1274.3	1329.9	1320.9	1210.7	931.3
20°	718.9	723.5	740.5	801.8	*858.6*	960.8	1248.2	1394.7	1398.1	1286.8	960.8
22.5°	703.0	706.4	720.1	767.8	*803.0*	871.1	1159.6	1445.8	1485.5	1374.2	996.0
25°	698.5	701.9	722.3	774.6	*807.5*	864.3	1078.9	1473.0	1588.9	1465.1	1030.1
27.5°	695.1	699.6	732.5	799.6	*838.2*	892.7	1064.2	1478.7	1687.7	1561.6	1085.8
30°	699.6	706.4	749.6	825.7	*870.0*	931.3	1099.4	1484.4	1796.7	1671.8	1156.2
32.5°	717.8	723.5	775.7	860.9	*912.0*	981.3	1159.6	1518.5	1900.1	1784.2	1223.2
35°	738.2	746.2	808.6	910.9	*972.2*	1050.6	1241.4	1585.5	1998.9	1891.0	1292.5
37.5°	763.2	772.3	847.3	967.6	*1038.1*	1126.6	1329.9	1678.6	2086.3	1978.4	1361.7
40°	797.3	807.5	891.5	1027.8	*1103.9*	1192.5	1417.4	1770.6	2153.3	2030.7	1407.2
42.5°	931.3	944.9	980.1	1086.9	*1172.1*	1262.9	1503.7	1858.1	2178.3	2047.7	1416.3
45°	1181.2	1194.8	1185.7	1206.1	*1262.9*	1348.1	1598.0	1942.1	2181.7	2043.2	1411.7
47.5°	1432.2	1448.1	1440.1	1428.7	*1441.2*	1482.1	1703.6	1995.5	2163.6	2040.9	1411.7
50°	1671.8	1662.7	1663.8	1660.4	*1671.8*	1693.4	1805.8	2005.7	2159.0	2062.5	1424.2
52.5°	1800.1	1804.7	1833.1	1875.1	*1900.1*	1921.7	1922.8	2021.6	2126.1	2026.1	1409.4
55°	1926.2	1935.3	2001.2	2072.7	*2128.4*	2169.2	2039.8	2011.4	1929.6	1904.6	1332.2
57.5°	2068.2	2080.7	2173.8	2321.4	*2419.1*	2440.7	2155.6	1820.6	1633.2	1730.9	1182.3
60°	2263.5	2278.3	2402.1	2623.5	*2768.9*	2724.6	2164.7	1517.3	1297.0	1436.7	975.6
62.5°	2416.8	2446.4	2670.1	3015.4	*3175.5*	3034.7	1995.5	1163.0	906.3	1009.7	712.1
65°	2253.3	2310.1	2674.6	3464.0	*3649.1*	3399.2	1729.7	793.9	511.1	653.0	455.4
67.5°	1821.7	1901.2	2374.8	3682.0	*3973.9*	3591.2	1361.7	421.4	293.0	379.3	239.6
68°	*1676.3*	*1762.7*	*2264.6*	*3682.0*	*3991.0*	*3574.1*	*1264.1*	*364.6*	*270.3*	*340.7*	*207.8*
70°	1158.4	1219.8	1741.1	3475.3	*3891.0*	3258.4	832.5	209.0	203.3	234.0	137.4
72.5°	567.9	633.7	931.3	2754.1	*3169.8*	2504.3	379.3	138.6	154.5	171.5	107.9
75°	226.0	239.6	366.8	1358.3	*1980.7*	1598.0	198.8	104.5	132.9	134.0	85.2
77.5°	129.5	137.4	203.3	499.7	*742.8*	714.4	128.3	75.0	105.6	96.5	55.7
80°	72.7	73.8	114.7	263.5	*424.8*	380.5	87.5	54.5	80.6	68.1	37.5
82.5°	36.3	40.9	72.7	145.4	*236.2*	241.9	46.6	38.6	64.7	48.8	30.7
85°	26.1	28.4	52.2	80.6	*109.0*	163.5	28.4	19.3	48.8	32.9	21.6
87.5°	13.6	17.0	32.9	39.8	*44.3*	55.7	13.6	9.1	27.3	19.3	11.4
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: P1458960
CATALOG NUMBER: GLAN-SB1B-835-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	747.3	747.3	747.3	747.3	747.3	747.3	747.3	747.3	747.3	747.3	747.3
2.5°	747.3	721.2	667.8	605.3	556.5	506.5	465.6	427.0	408.9	406.6	411.1
5°	743.9	687.1	565.6	446.3	348.7	280.5	243.0	223.7	213.5	209.0	210.1
7.5°	737.1	650.8	456.6	302.1	226.0	196.5	187.4	184.0	182.9	182.9	182.9
10°	730.3	601.9	349.8	221.5	185.1	177.2	174.9	174.9	173.8	173.8	174.9
12.5°	726.9	556.5	271.4	185.1	172.6	169.2	167.0	165.8	165.8	165.8	167.0
15°	718.9	506.5	219.2	171.5	164.7	160.1	159.0	157.9	157.9	157.9	157.9
17.5°	712.1	457.7	190.8	162.4	156.7	152.2	151.1	149.9	149.9	151.1	151.1
20°	701.9	411.1	171.5	153.3	148.8	144.2	143.1	142.0	143.1	143.1	143.1
22.5°	689.4	372.5	160.1	146.5	140.8	136.3	136.3	136.3	136.3	136.3	137.4
25°	681.4	345.3	152.2	138.6	132.9	129.5	128.3	128.3	130.6	130.6	131.7
27.5°	693.9	338.4	153.3	136.3	126.1	122.7	121.5	121.5	123.8	124.9	126.1
30°	731.4	350.9	167.0	143.1	121.5	115.8	114.7	114.7	118.1	119.3	120.4
32.5°	774.6	377.1	187.4	152.2	118.1	109.0	106.8	106.8	110.2	111.3	112.4
35°	833.6	417.9	214.7	160.1	120.4	102.2	97.7	97.7	99.9	102.2	103.4
37.5°	909.7	485.0	246.5	165.8	120.4	94.3	88.6	87.5	89.7	89.7	90.9
40°	989.2	572.4	279.4	165.8	114.7	86.3	80.6	77.2	78.4	77.2	78.4
42.5°	1033.5	642.8	307.8	155.6	107.9	78.4	72.7	68.1	67.0	64.7	65.9
45°	1058.5	674.6	299.8	144.2	101.1	72.7	65.9	60.2	57.9	54.5	54.5
47.5°	1058.5	678.0	256.7	135.2	94.3	68.1	59.1	53.4	50.0	46.6	47.7
50°	1046.0	647.4	203.3	126.1	86.3	63.6	53.4	48.8	44.3	42.0	42.0
52.5°	993.8	547.4	155.6	114.7	77.2	57.9	47.7	43.2	38.6	37.5	37.5
55°	904.0	402.0	126.1	103.4	69.3	53.4	43.2	39.8	35.2	32.9	32.9
57.5°	734.8	274.8	104.5	93.1	61.3	47.7	38.6	35.2	29.5	27.3	27.3
60°	545.2	179.4	88.6	81.8	52.2	43.2	34.1	29.5	25.0	22.7	21.6
62.5°	368.0	121.5	73.8	64.7	44.3	37.5	29.5	25.0	19.3	14.8	14.8
65°	229.4	94.3	61.3	51.1	38.6	32.9	25.0	19.3	13.6	10.2	9.1
67.5°	131.7	76.1	50.0	39.8	32.9	26.1	19.3	15.9	11.4	8.0	6.8
68°	*121.5*	*72.7*	*46.6*	*37.5*	*30.7*	*25.0*	*18.2*	*14.8*	*10.2*	*6.8*	*6.8*
70°	98.8	64.7	39.8	30.7	26.1	20.4	15.9	12.5	8.0	4.5	4.5
72.5°	87.5	54.5	34.1	23.9	18.2	17.0	12.5	9.1	5.7	3.4	2.3
75°	71.6	43.2	27.3	18.2	12.5	12.5	9.1	5.7	2.3	0.0	0.0
77.5°	46.6	31.8	21.6	11.4	6.8	8.0	5.7	2.3	0.0	0.0	0.0
80°	30.7	23.9	14.8	5.7	3.4	3.4	1.1	0.0	0.0	0.0	0.0
82.5°	21.6	15.9	9.1	2.3	1.1	1.1	0.0	0.0	0.0	0.0	0.0
85°	13.6	6.8	3.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.7	2.3	1.1	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: SP1-2407-184-10

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-835-U-5WQ

Data in this report applies to families of products including GSS-SB1A-835-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

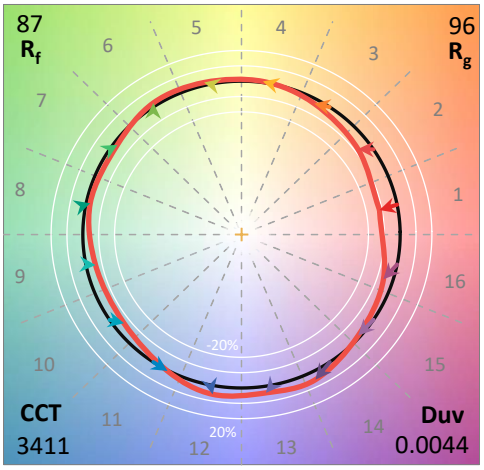
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-10
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-835-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K):	3411
CIE u':	0.2360
CIE v':	0.5189
Duv:	0.0044
CIE x:	0.4154
CIE y:	0.4059
CIE z:	0.1787
Peak Wavelength (nm):	601
Dominant Wavelength (nm):	579
Purity:	46.51914
Rf:	86.6
Rg:	95.9

CRI (Ra):	83.5
R1:	81.1
R2:	88.9
R3:	97.2
R4:	83.8
R5:	81.7
R6:	86.9
R7:	86.1
R8:	62.2
R9:	6.3
R10:	75.4
R11:	84.1
R12:	69.7
R13:	82.8
R14:	98.5
R15:	72.6



Test Conditions

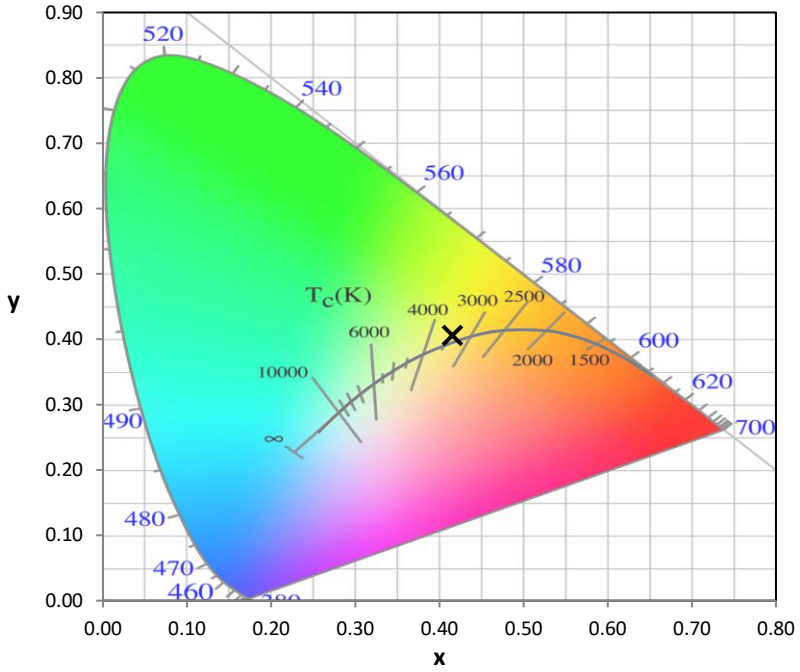
Stabilization Time:	35M
Operation Time:	1H 35M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-10

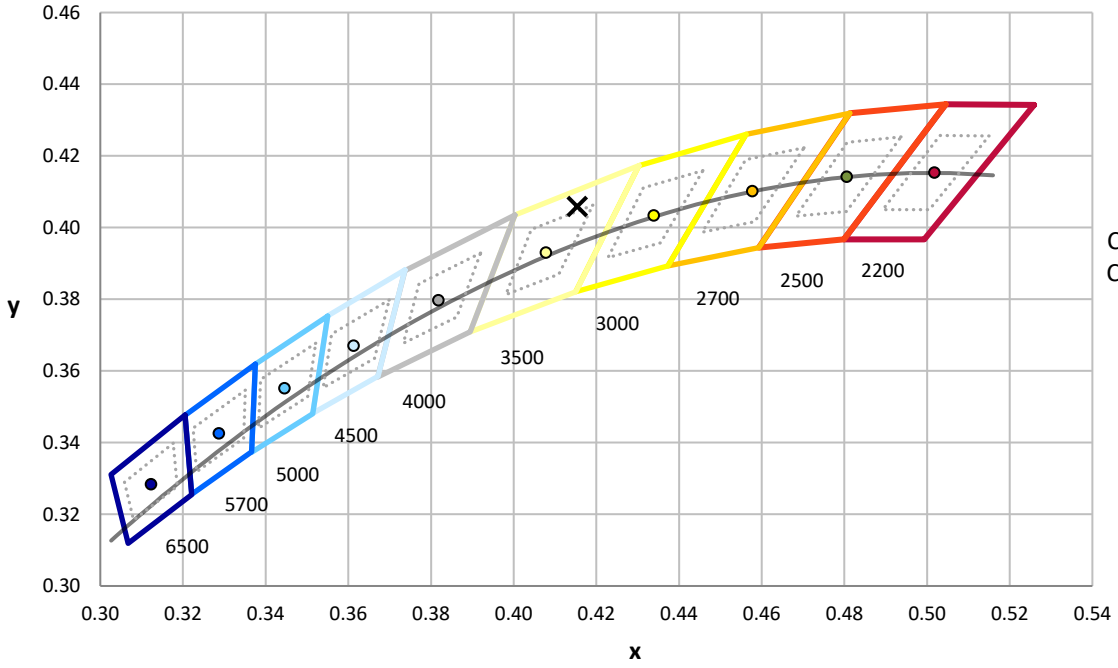
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-10

CIE 1931 Chromaticity Diagram



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

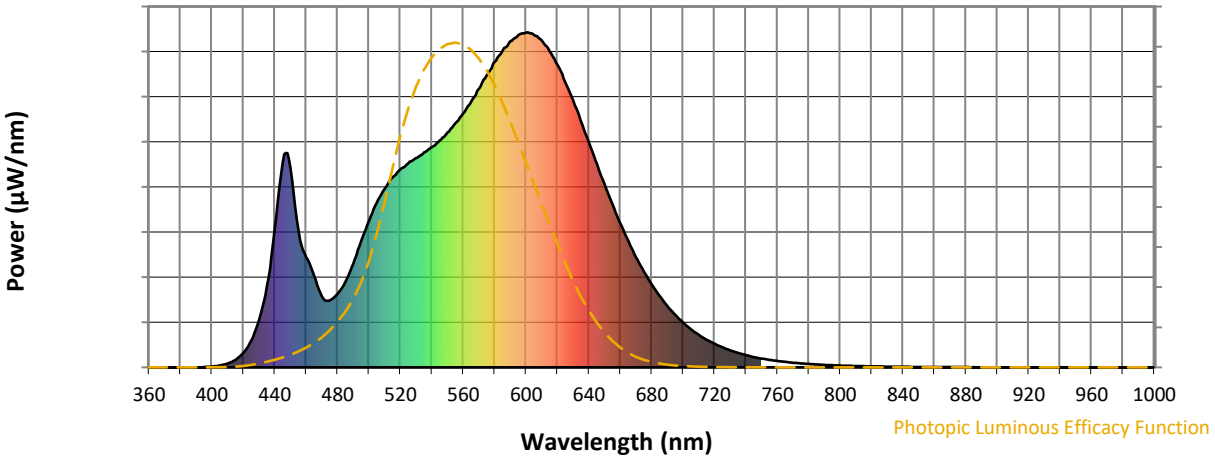


CCT = 3411K
CIE x = 0.4154
CIE y = 0.4059
Duv = 0.0044

Point lies inside the ANSI 3500K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-10

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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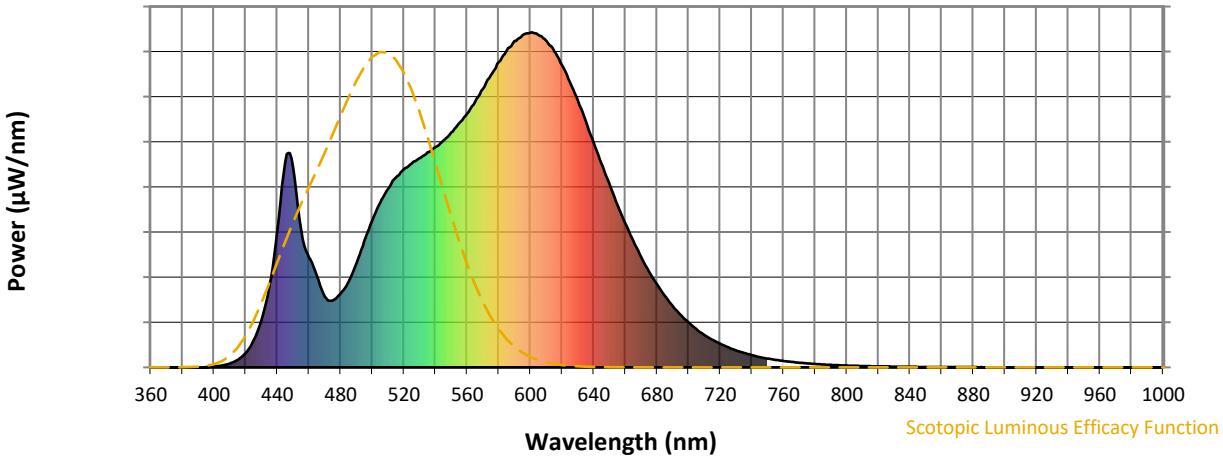
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.48**

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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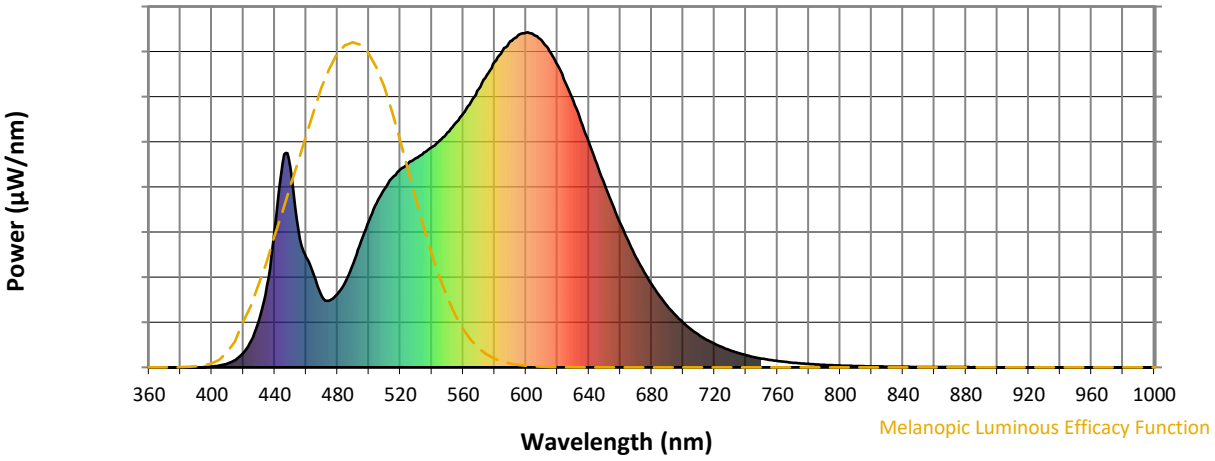
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.88**

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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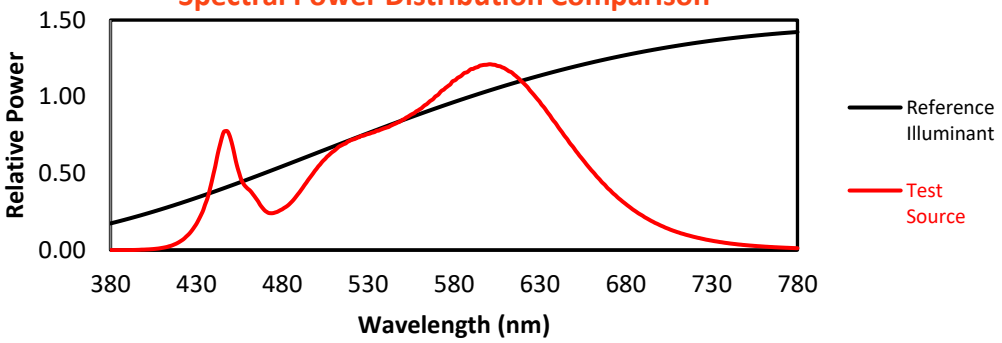
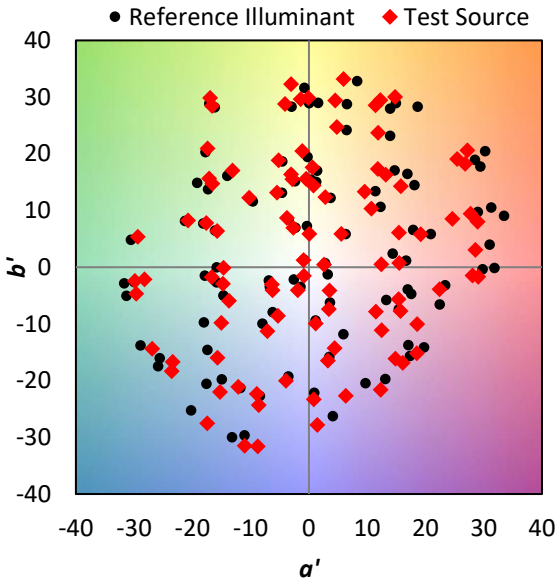
Summary

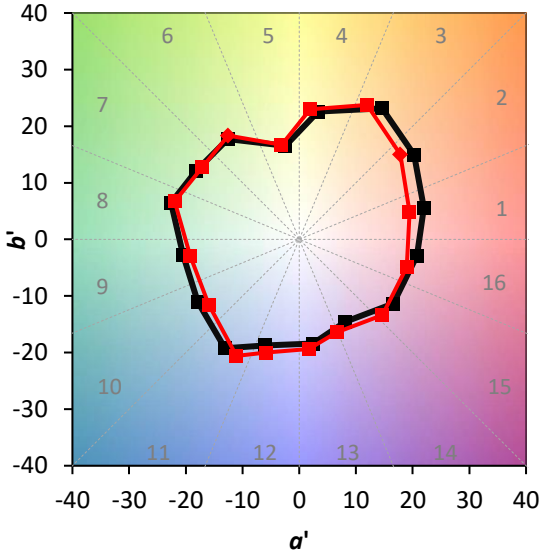
R_f = 86.6
R_g = 95.9
CIE R_a = 83.5
R_9 = 6.3

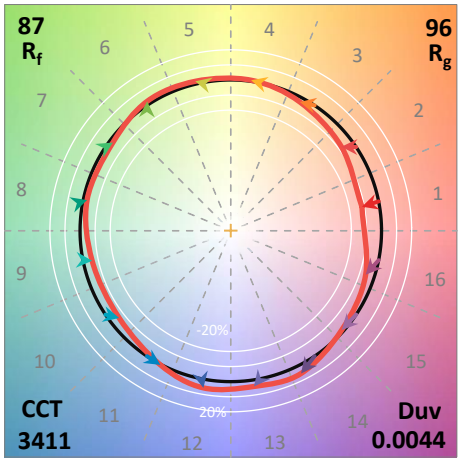
Spectral Power Distribution Comparison

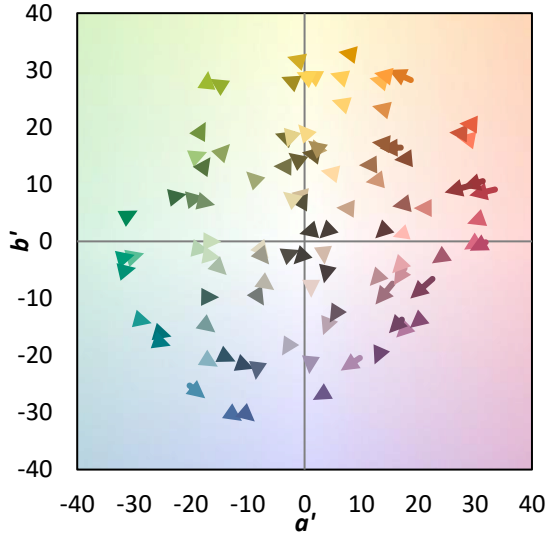


Color Vector Graphics









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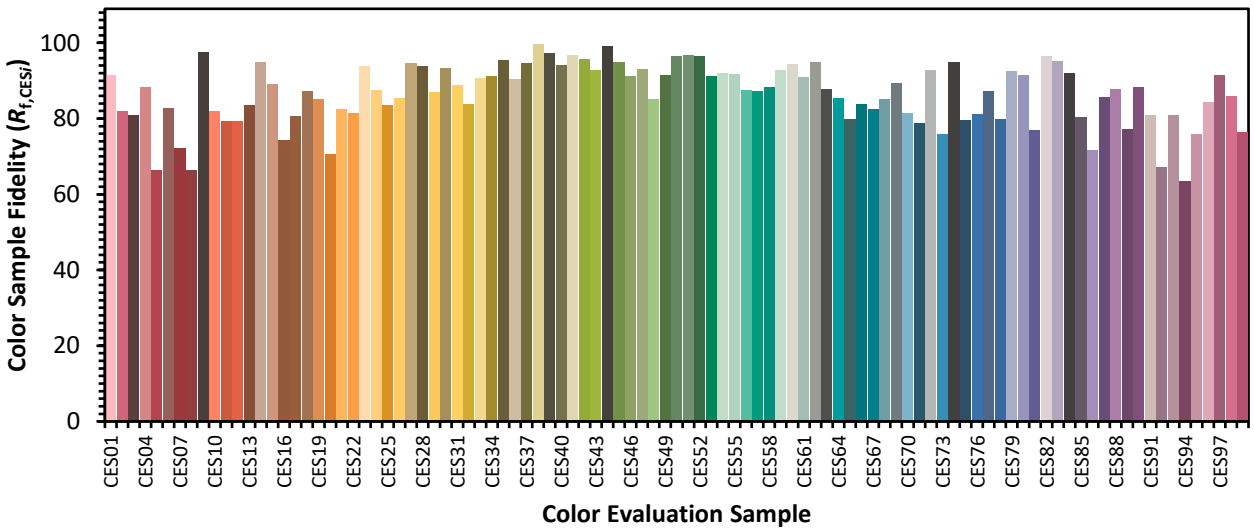
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82 = 96
CES08 = 40	CES33 = 91	CES58 = 88	CES83 = 95
CES09 = 29	CES34 = 91	CES59 = 93	CES84 = 92
CES10 = 75	CES35 = 95	CES60 = 94	CES85 = 80
CES11 = 58	CES36 = 90	CES61 = 91	CES86 = 72
CES12 = 64	CES37 = 95	CES62 = 95	CES87 = 86
CES13 = 43	CES38 = 100	CES63 = 88	CES88 = 88
CES14 = 74	CES39 = 97	CES64 = 85	CES89 = 77
CES15 = 71	CES40 = 94	CES65 = 80	CES90 = 88
CES16 = 47	CES41 = 97	CES66 = 84	CES91 = 81
CES17 = 49	CES42 = 96	CES67 = 82	CES92 = 67
CES18 = 56	CES43 = 93	CES68 = 85	CES93 = 81
CES19 = 72	CES44 = 99	CES69 = 89	CES94 = 63
CES20 = 66	CES45 = 95	CES70 = 81	CES95 = 76
CES21 = 86	CES46 = 91	CES71 = 79	CES96 = 84
CES22 = 78	CES47 = 93	CES72 = 93	CES97 = 92
CES23 = 91	CES48 = 85	CES73 = 76	CES98 = 86
CES24 = 90	CES49 = 92	CES74 = 95	CES99 = 77
CES25 = 72	CES50 = 96	CES75 = 80	



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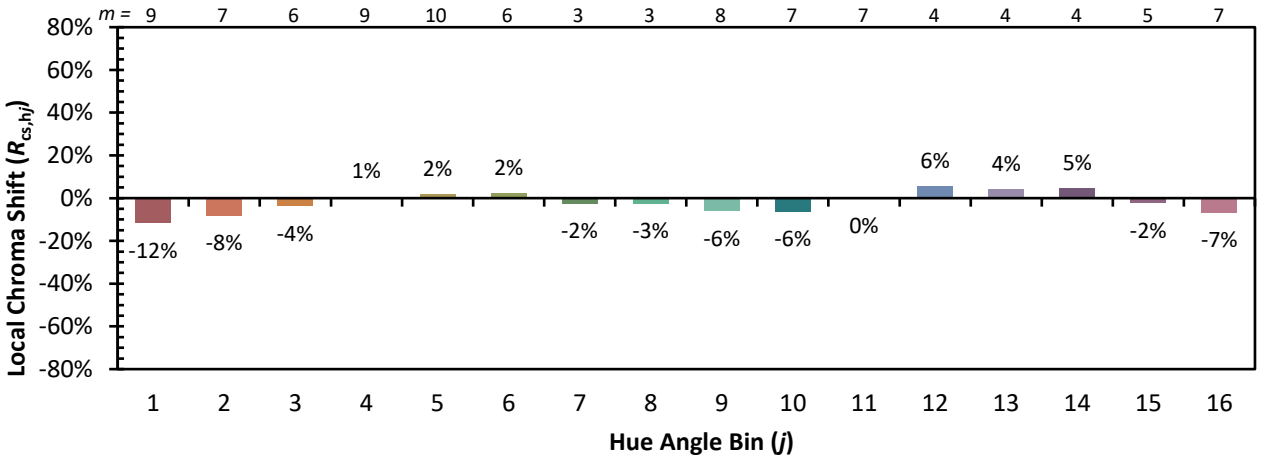
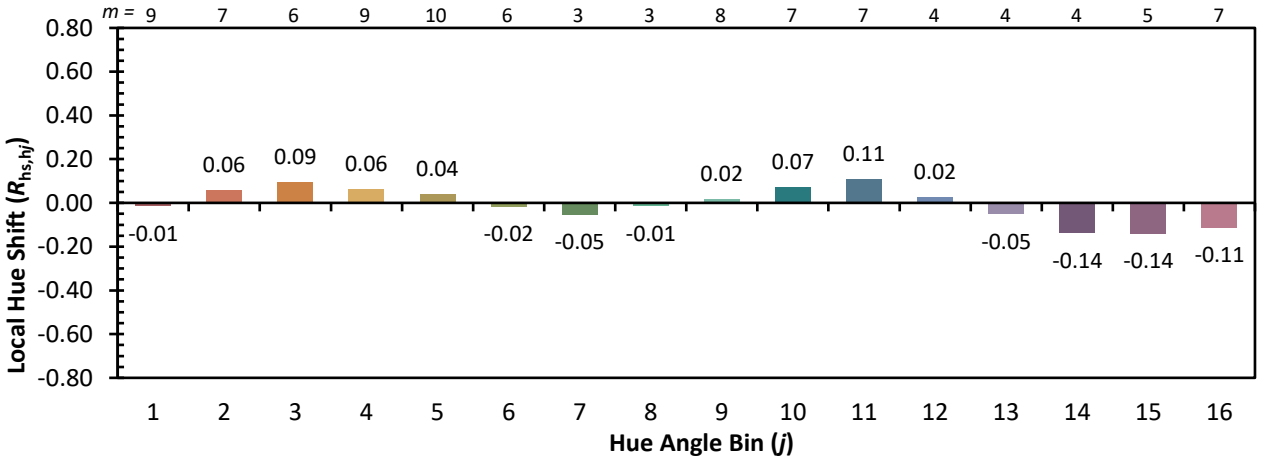
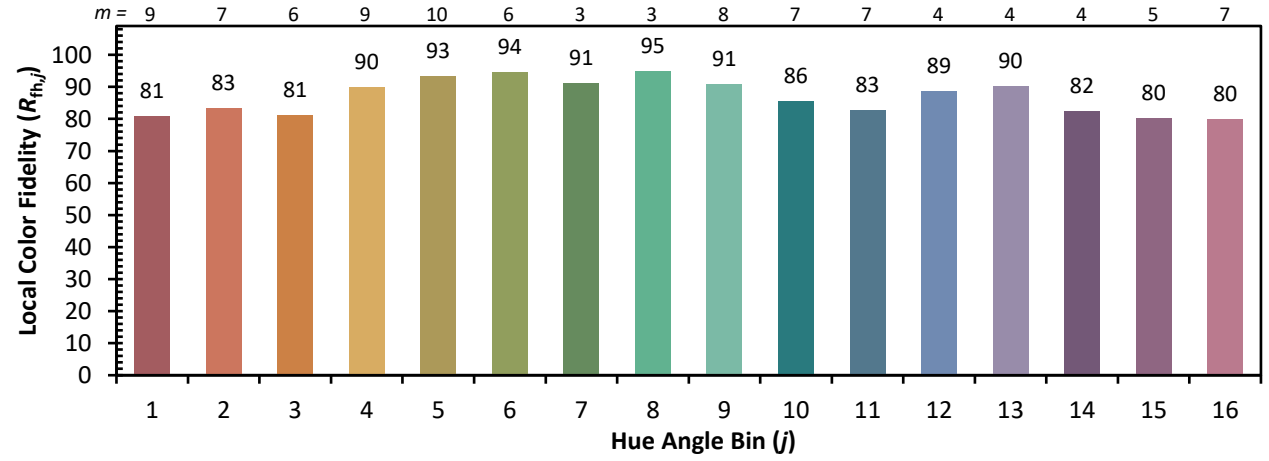
Color Rendition by Hue-Angle Bin







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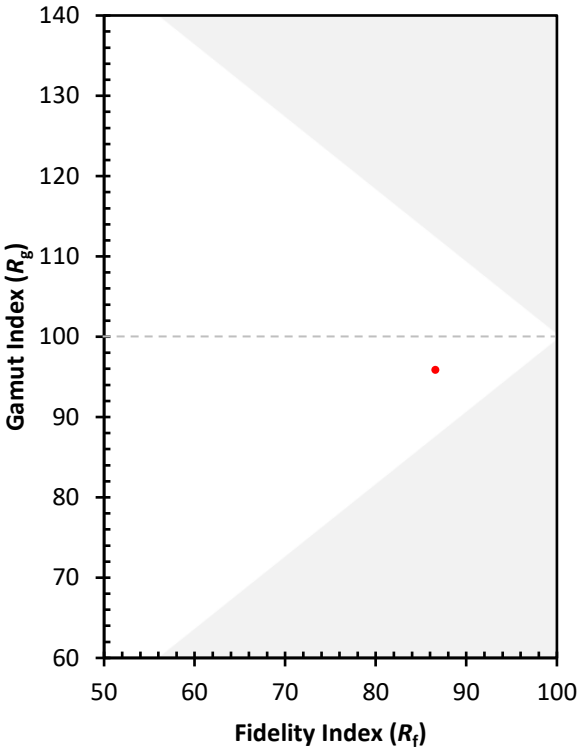
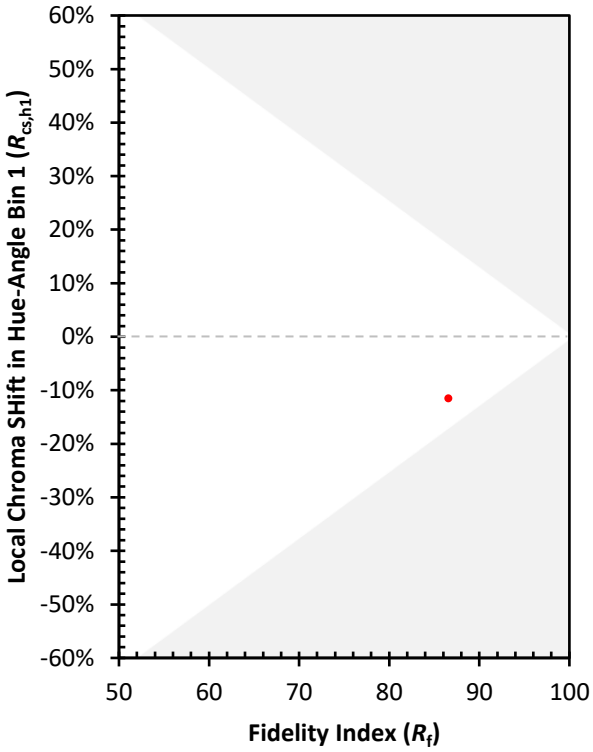
Measure Comparisons





(END OF REPORT)