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: P1457195

Luminaire Tested: GLAN-SB1A-830-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:	P1457195
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB1A-830-U-T4LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 1xLight Square PACKAGE 80CRI 3000K FIXTURE w/ TYPE IV LOW GLARE
Light Source:	(26) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3944.5 lumens
Efficiency:	N/A
Efficacy:	127.7 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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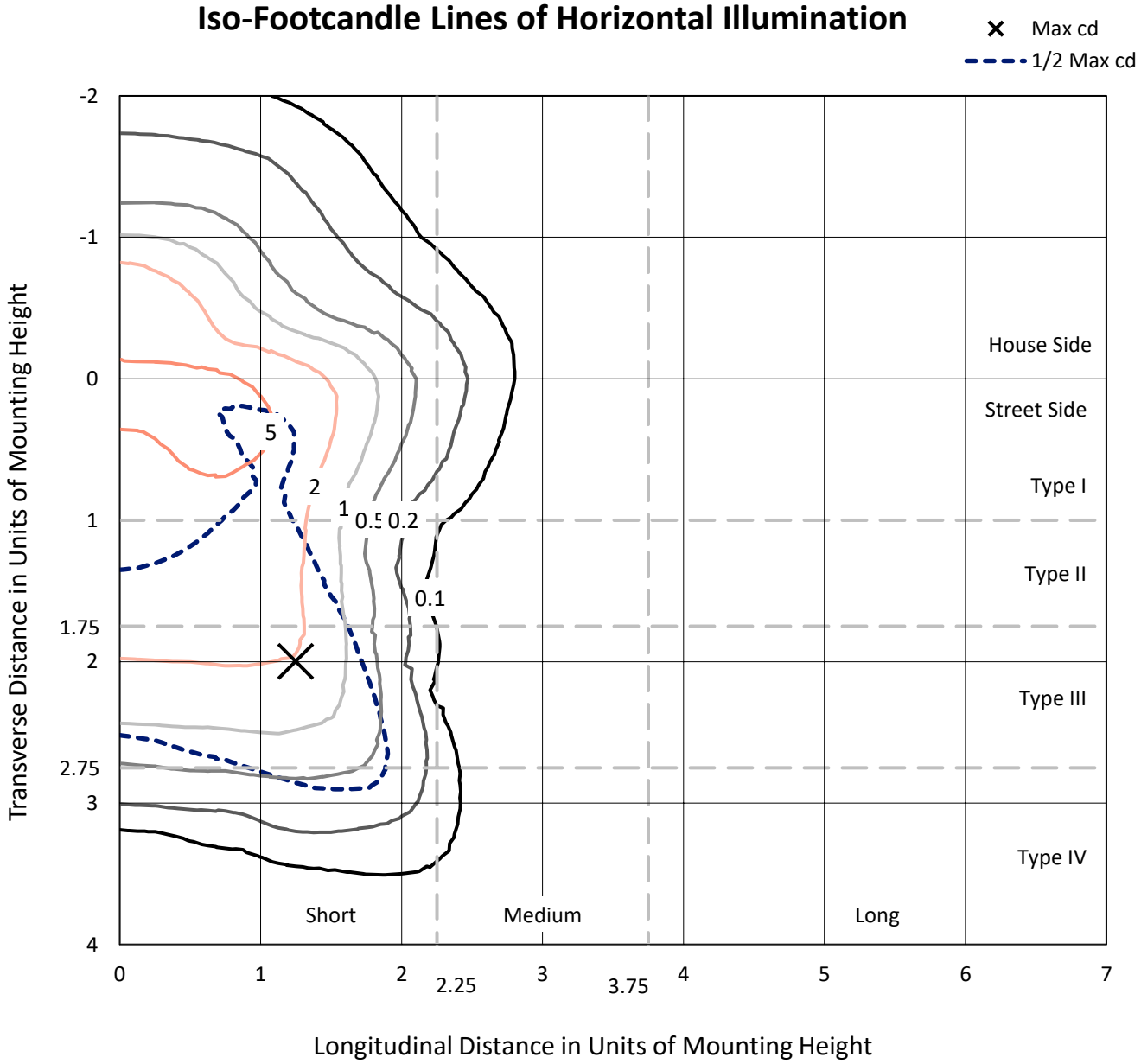
Scaled Data Report

REPORT NUMBER: P1457195
CATALOG NUMBER: GLAN-SB1A-830-U-T4LG

Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 9.7 fc
Type IV - Short - N/A

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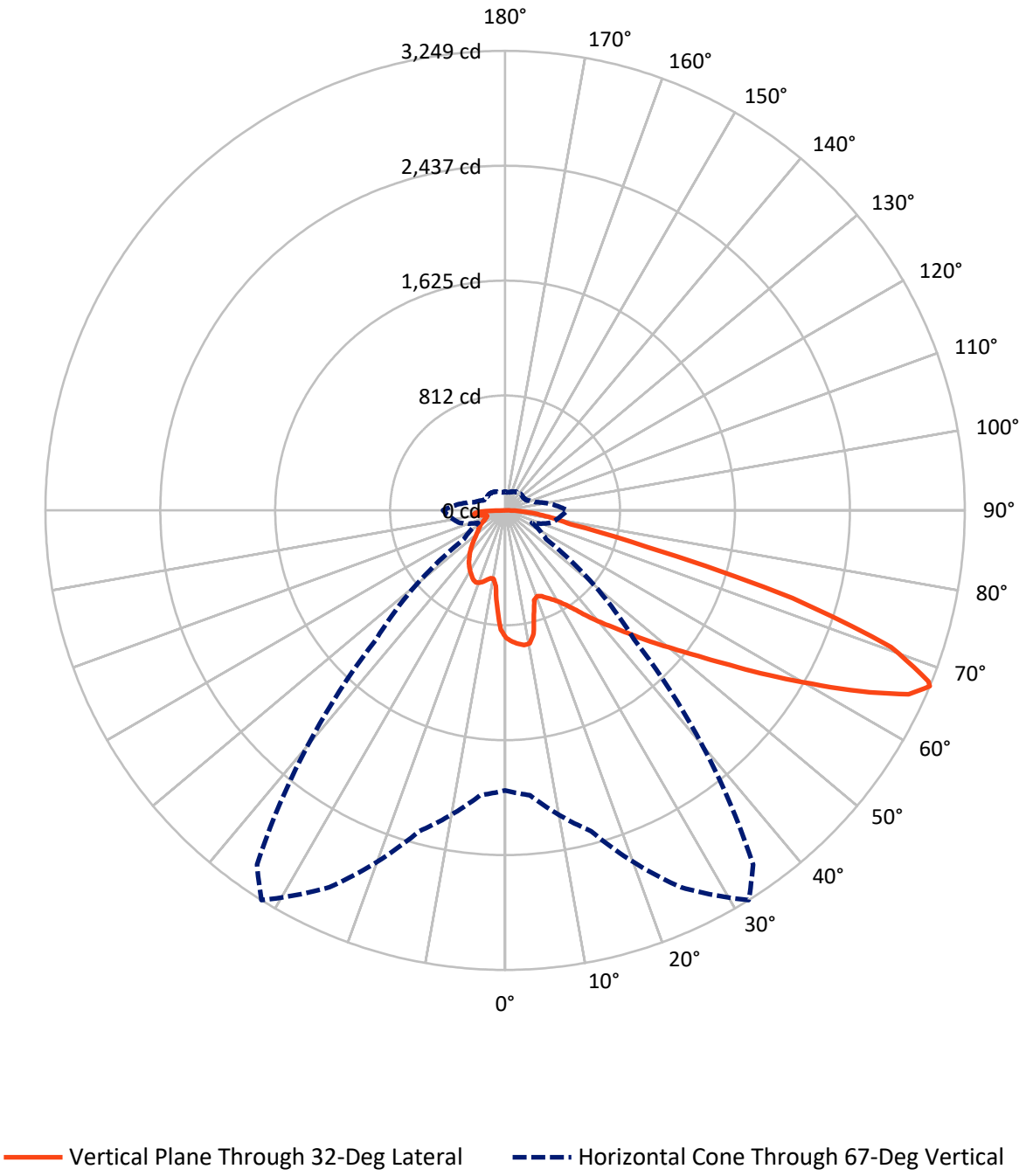
Luminous Intensity Polar Plot



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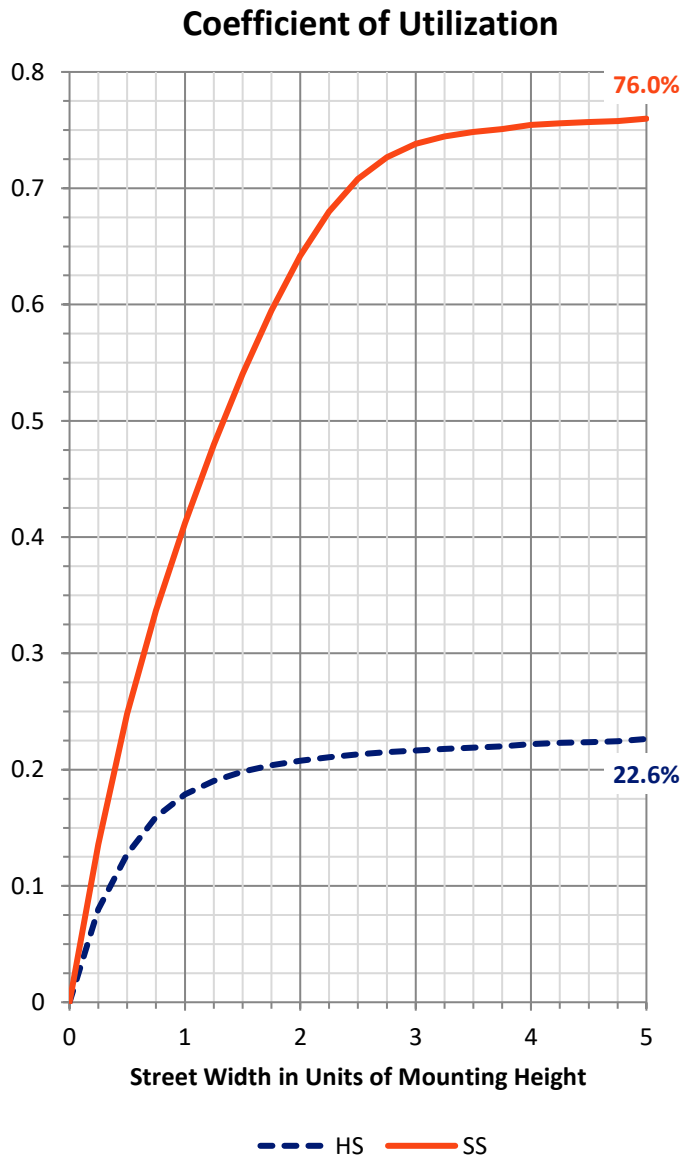
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	933.9	0.0	933.9
	% Fixture	23.7	0.0	23.7
Street Side	Lumens	3010.7	0.0	3010.7
	% Fixture	76.3	0.0	76.3
Total	Lumens	3944.5	0.0	3944.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	78.7	2.0
10°-20°	209.1	5.3
20°-30°	341.4	8.7
30°-40°	503.2	12.8
40°-50°	694.0	17.6
50°-60°	876.7	22.2
60°-70°	848.5	21.5
70°-80°	302.8	7.7
80°-90°	89.9	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°	3944.5	100.0
0°-180°	3944.5	100.0



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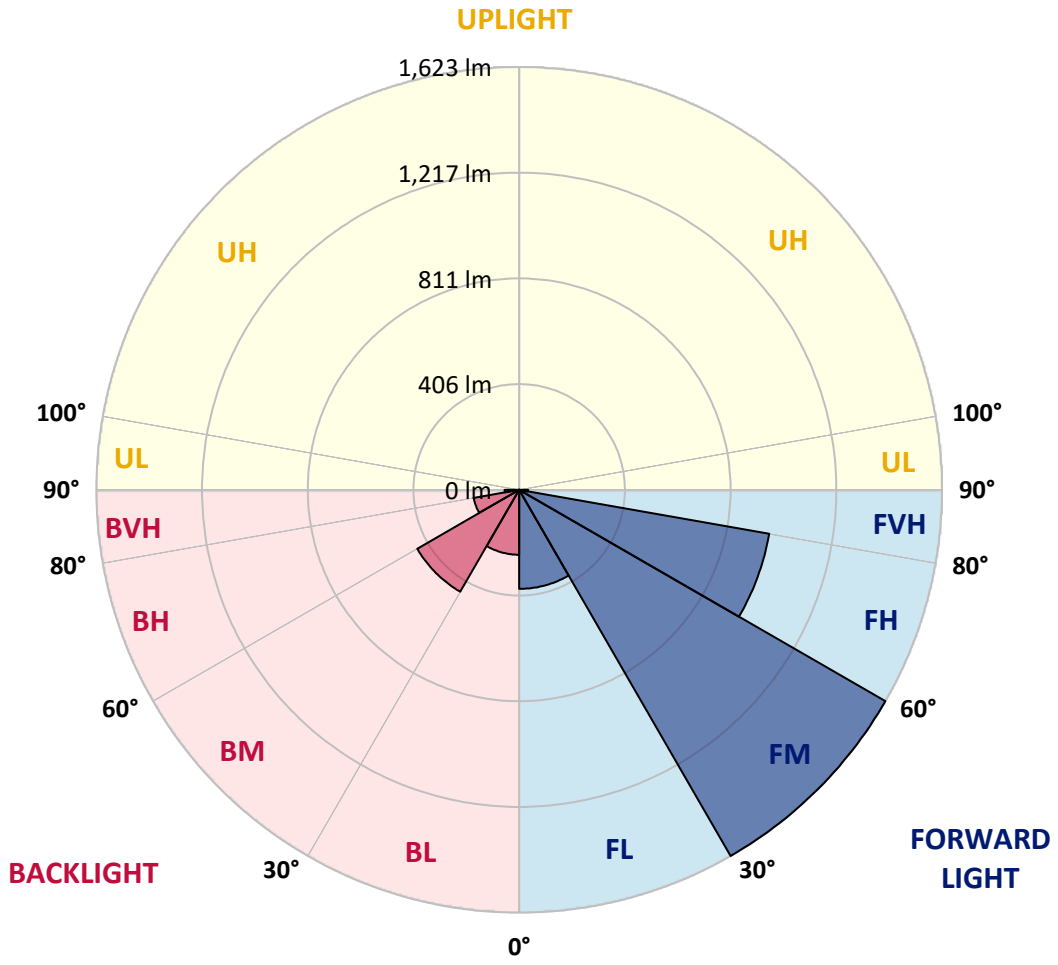
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	380.1	9.6			
FM	(30°-60°)	1622.5	41.1			
FH	(60°-80°)	974.2	24.7			G1/1800
FVH	(80°-90°)	33.9	0.9			G1/100
BL	(0°-30°)	249.2	6.3	B1/500		
BM	(30°-60°)	451.5	11.4	B1/1000		
BH	(60°-80°)	177.1	4.5	B1/500		G1/500
BVH	(80°-90°)	56.0	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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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	32°	35°	45°	55°	65°	75°	85°
0°	901.2	901.2	901.2	901.2	901.2	901.2	901.2	901.2	901.2	901.2	901.2
2.5°	935.4	932.8	930.1	931.9	928.4	927.5	923.1	921.4	916.1	915.3	905.6
5°	954.7	949.4	948.5	950.3	946.8	946.8	943.3	940.7	932.8	928.4	914.4
7.5°	954.7	953.8	955.5	961.7	962.6	962.6	962.6	963.4	955.5	949.4	927.5
10°	900.4	891.6	910.9	941.5	956.4	965.2	980.9	990.6	984.4	980.1	950.3
12.5°	738.3	739.2	769.9	835.6	895.1	920.5	986.2	1021.2	1023.9	1016.9	979.2
15°	626.2	630.6	646.4	693.7	762.0	799.6	955.5	1048.4	1069.4	1062.4	1014.2
17.5°	592.1	594.7	601.7	628.9	667.4	698.0	872.3	1065.9	1124.6	1115.8	1053.6
20°	586.8	588.6	597.3	620.1	646.4	663.9	787.4	1051.9	1176.3	1172.8	1089.6
22.5°	587.7	589.4	600.8	632.4	659.5	674.4	760.2	1019.5	1230.6	1234.1	1126.3
25°	589.4	590.3	607.8	649.9	684.0	702.4	777.8	990.6	1276.1	1305.9	1166.6
27.5°	599.1	601.7	625.4	672.6	712.9	734.0	818.9	1000.2	1326.0	1387.3	1214.8
30°	625.4	627.1	656.0	705.1	748.8	770.7	868.0	1038.8	1387.3	1471.4	1262.1
32.5°	666.5	668.3	701.6	752.4	799.6	825.9	931.9	1112.3	1455.7	1559.9	1309.4
35°	723.4	724.3	762.0	816.3	866.2	896.0	1006.3	1195.5	1526.6	1635.2	1344.4
37.5°	790.9	797.0	835.6	892.5	951.2	978.3	1093.9	1292.7	1589.7	1699.1	1364.6
40°	883.7	885.5	923.1	978.3	1040.5	1066.8	1181.5	1384.7	1658.9	1736.8	1383.0
42.5°	979.2	994.1	1025.6	1086.9	1133.3	1154.4	1281.4	1468.8	1714.0	1738.6	1375.1
45°	1107.1	1118.5	1150.0	1204.3	1250.7	1275.2	1389.1	1545.9	1742.1	1723.7	1357.6
47.5°	1253.3	1260.3	1285.7	1334.8	1386.5	1404.0	1501.2	1589.7	1752.6	1713.2	1349.7
50°	1425.9	1425.9	1444.3	1486.3	1533.6	1558.1	1604.5	1615.9	1783.2	1694.8	1369.8
52.5°	1571.3	1578.3	1602.8	1662.4	1709.6	1737.7	1685.1	1656.2	1721.0	1592.3	1376.0
55°	1710.5	1718.4	1773.6	1848.0	1928.6	1959.3	1785.8	1636.1	1511.7	1442.5	1333.9
57.5°	1843.7	1860.3	1929.5	2074.9	2196.6	2194.0	1913.7	1455.7	1234.1	1277.0	1241.9
60°	2029.3	2046.9	2157.2	2340.3	2489.2	2427.0	1915.5	1211.3	961.7	1019.5	1069.4
62.5°	2184.4	2214.1	2376.2	2681.0	2817.6	2720.4	1756.9	927.5	638.5	711.2	826.8
65°	2170.3	2209.8	2461.1	2931.5	3135.5	3045.3	1524.8	586.8	329.3	486.1	578.9
67°	1979.4	2022.3	2348.1	2940.2	3249.4	3056.7	1287.5	354.7	209.3	337.2	402.0
67.5°	1869.9	1933.0	2292.1	2923.6	3228.4	3008.5	1180.6	296.9	197.1	313.6	366.1
70°	1150.0	1251.6	1720.2	2584.6	2893.8	2518.1	656.0	168.2	160.3	210.2	253.1
72.5°	346.0	376.6	663.9	1658.0	2123.9	1866.4	295.2	129.6	143.6	169.0	195.3
75°	168.2	179.5	274.1	677.9	1034.4	1029.1	164.7	111.2	133.1	141.9	154.1
77.5°	107.7	114.7	170.8	379.2	473.8	422.2	119.1	97.2	118.2	116.5	114.7
80°	67.4	70.9	109.5	219.8	349.5	291.7	87.6	79.7	101.6	90.2	81.5
82.5°	43.8	48.2	70.1	134.0	249.6	217.2	57.8	56.9	84.1	71.8	63.1
85°	28.9	32.4	44.7	78.8	148.0	155.0	37.7	39.4	64.8	54.3	48.2
87.5°	10.5	13.1	22.8	35.0	69.2	85.8	15.8	14.9	31.5	25.4	20.1
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: P1457195
CATALOG NUMBER: GLAN-SB1A-830-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	901.2	901.2	901.2	901.2	901.2	901.2	901.2	901.2	901.2	901.2	901.2
2.5°	903.9	901.2	889.0	878.5	870.6	860.1	848.7	835.6	826.8	828.5	825.9
5°	908.3	901.2	877.6	841.7	806.7	762.9	706.8	673.5	648.1	635.0	638.5
7.5°	917.9	905.6	855.7	783.0	691.9	602.6	547.4	515.9	501.0	494.9	494.0
10°	934.5	913.5	827.7	691.9	572.8	512.4	492.2	483.5	481.7	481.7	480.8
12.5°	954.7	921.4	780.4	603.5	515.9	494.0	490.5	491.3	494.0	496.6	492.2
15°	979.2	924.9	721.7	550.0	504.5	499.2	504.5	510.6	515.0	518.5	514.1
17.5°	1003.7	921.4	666.5	524.6	506.2	513.2	523.8	533.4	536.0	541.3	537.8
20°	1021.2	909.1	619.2	515.0	510.6	526.4	539.5	550.0	555.3	558.8	555.3
22.5°	1034.4	893.4	585.1	505.4	510.6	529.9	545.7	557.9	564.0	567.5	563.2
25°	1045.8	871.5	558.8	491.3	500.1	518.5	536.0	548.3	557.0	562.3	559.7
27.5°	1059.8	853.9	534.3	470.3	478.2	495.7	514.1	529.0	545.7	554.4	552.7
30°	1075.5	845.2	510.6	447.6	452.8	470.3	492.2	512.4	535.1	546.5	546.5
32.5°	1093.9	839.1	488.7	425.7	430.0	449.3	470.3	488.7	513.2	531.6	530.8
35°	1101.8	832.1	471.2	405.5	414.3	430.0	446.7	458.9	484.3	506.2	508.0
37.5°	1109.7	829.4	462.4	389.8	396.8	409.0	417.8	423.9	447.6	470.3	471.2
40°	1119.3	841.7	468.6	379.2	373.1	385.4	389.8	393.3	405.5	420.4	420.4
42.5°	1113.2	850.4	482.6	369.6	344.2	358.2	360.0	359.1	360.0	360.8	360.0
45°	1097.4	841.7	482.6	354.7	313.6	328.4	327.6	323.2	316.2	297.8	295.2
47.5°	1093.9	836.4	464.2	330.2	282.9	295.2	296.9	288.2	268.0	248.7	242.6
50°	1108.8	846.1	435.3	300.4	256.6	267.1	271.5	256.6	233.9	213.7	210.2
52.5°	1130.7	858.3	393.3	268.0	234.7	245.2	250.5	233.9	210.2	194.4	192.7
55°	1128.1	858.3	346.0	238.2	218.1	226.0	234.7	217.2	198.8	190.1	189.2
57.5°	1071.2	825.9	310.9	217.2	202.3	209.3	220.7	204.1	186.6	188.3	190.9
60°	959.9	741.8	284.6	203.2	188.3	195.3	207.6	188.3	165.5	159.4	159.4
62.5°	790.9	611.3	263.6	189.2	175.2	183.9	190.1	164.7	149.8	142.8	142.8
65°	592.9	473.0	241.7	177.8	163.8	173.4	166.4	154.1	139.3	134.0	134.9
67°	*439.7*	*367.0*	*223.3*	*168.2*	*156.8*	*161.2*	*155.9*	*147.1*	*132.3*	*127.9*	*132.3*
67.5°	395.0	348.6	219.0	165.5	155.0	158.5	153.3	146.3	130.5	126.1	130.5
70°	271.5	268.0	195.3	153.3	145.4	141.9	144.5	135.8	122.6	120.9	125.2
72.5°	206.7	213.7	175.2	142.8	134.9	130.5	136.6	127.9	114.7	117.4	121.7
75°	162.0	172.5	156.8	127.9	122.6	123.5	135.8	132.3	121.7	124.4	125.2
77.5°	120.0	139.3	134.0	111.2	106.9	119.1	153.3	163.8	145.4	141.0	134.9
80°	87.6	99.8	113.0	92.0	89.3	114.7	189.2	209.3	179.5	162.0	157.7
82.5°	64.8	70.1	92.8	73.6	64.8	102.5	210.2	246.1	213.7	180.4	175.2
85°	46.4	54.3	73.6	54.3	42.9	84.1	205.8	240.9	212.0	170.8	166.4
87.5°	16.6	23.6	31.5	24.5	21.9	57.8	169.9	173.4	132.3	60.4	61.3
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: SP1-2407-184-9

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-830-U-5WQ

Data in this report applies to families of products including GSS-SB1A-830-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

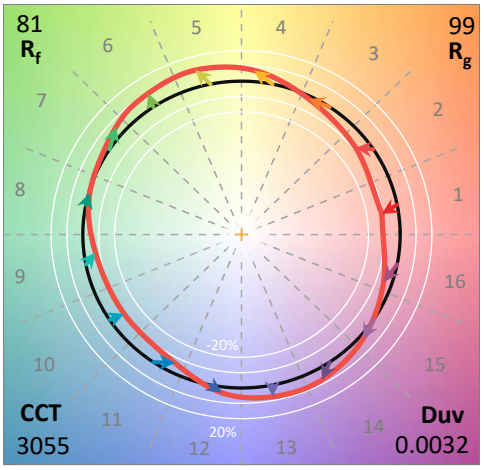
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-9
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-830-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3055
CIE u':	0.2475
CIE v':	0.5247
Duv:	0.0032
CIE x:	0.4377
CIE y:	0.4124
CIE z:	0.1499
Peak Wavelength (nm):	604
Dominant Wavelength (nm):	581
Purity:	55.16339
Rf:	81.5
Rg:	99.2

CRI (Ra):	80.9
R1:	79.5
R2:	85.6
R3:	92.1
R4:	82.4
R5:	78.9
R6:	81.7
R7:	85.1
R8:	61.9
R9:	6.8
R10:	67.1
R11:	82.5
R12:	63.4
R13:	80.2
R14:	95.1
R15:	71.7



Test Conditions

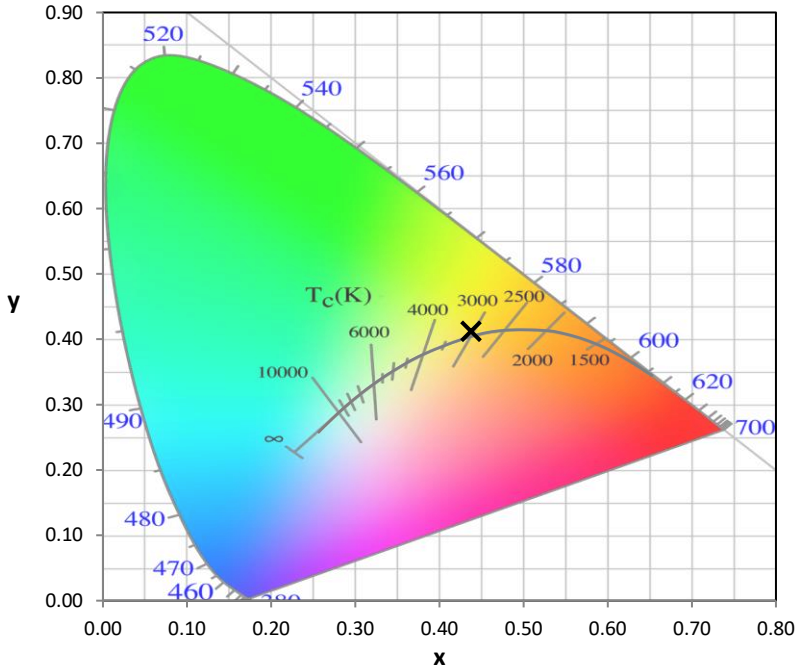
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

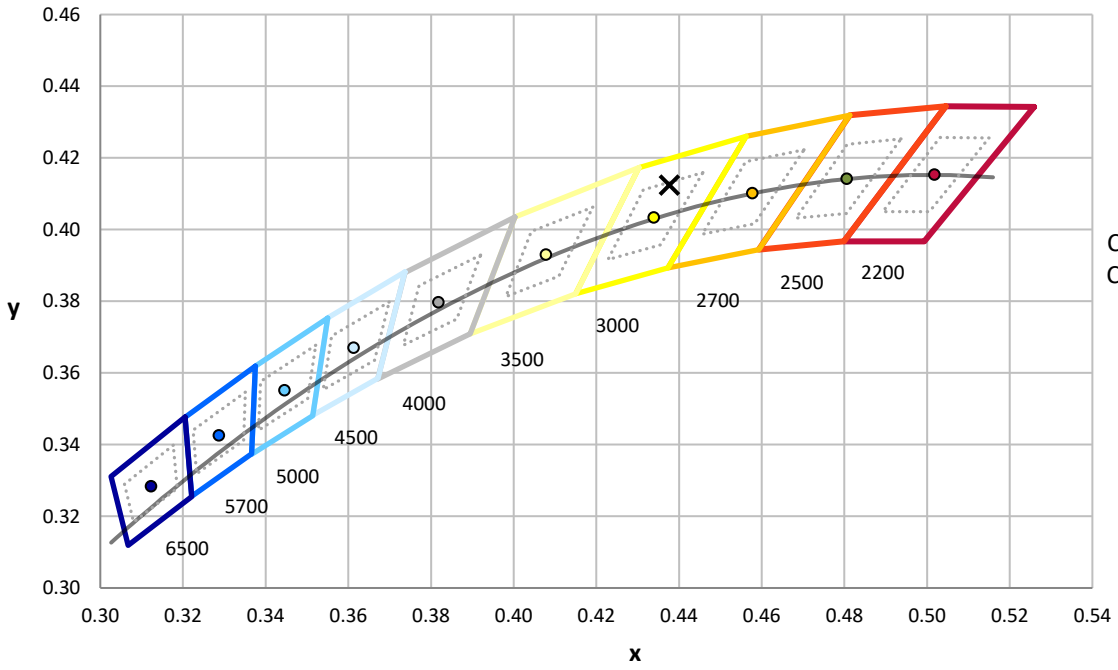
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-9

CIE 1931 Chromaticity Diagram



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

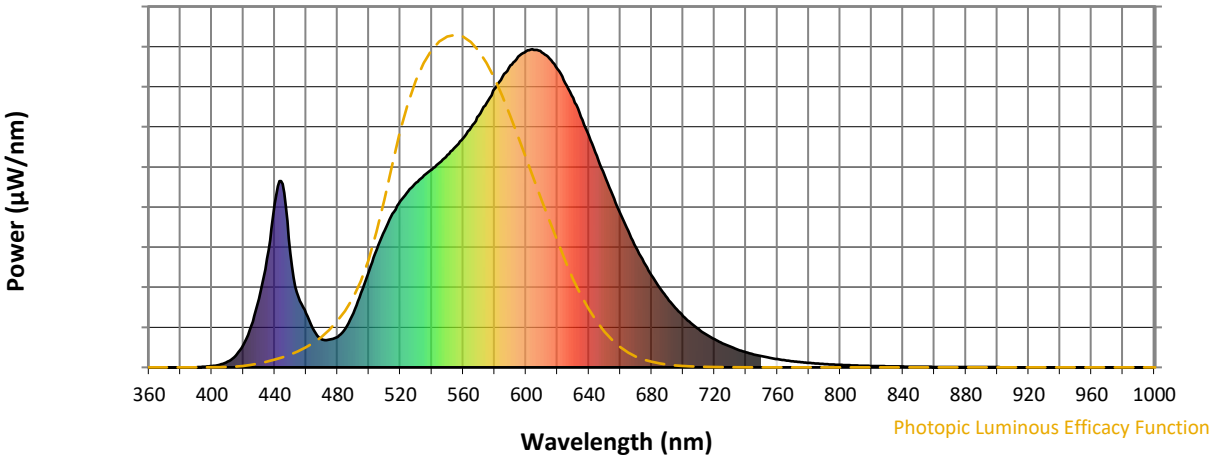


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-9

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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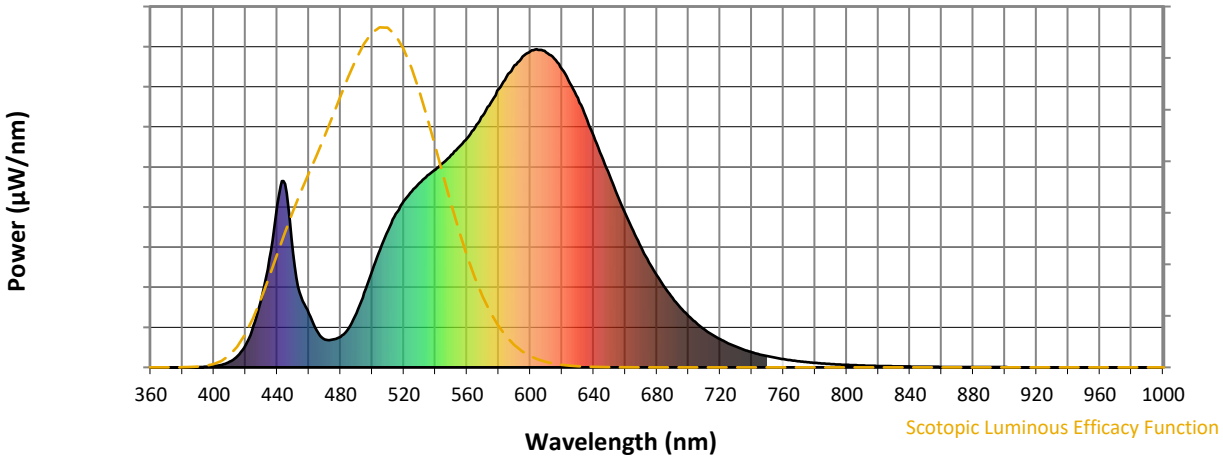
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.28**

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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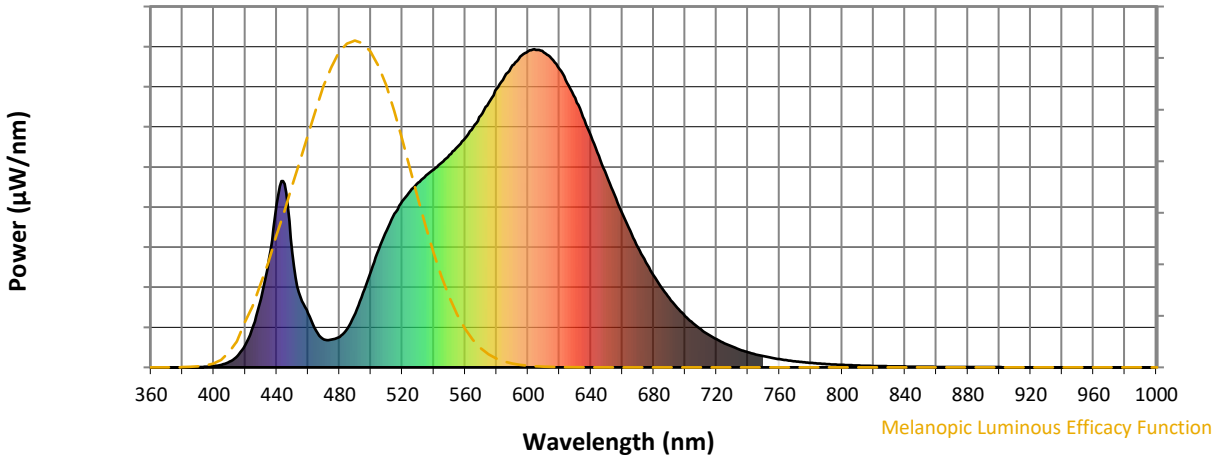
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.33**

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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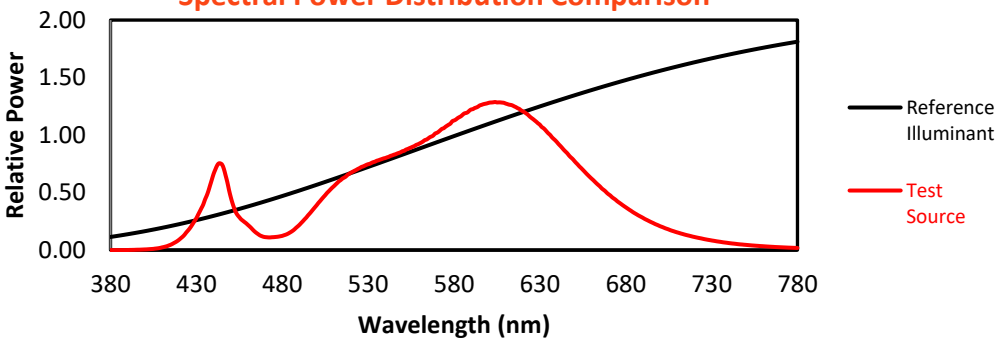
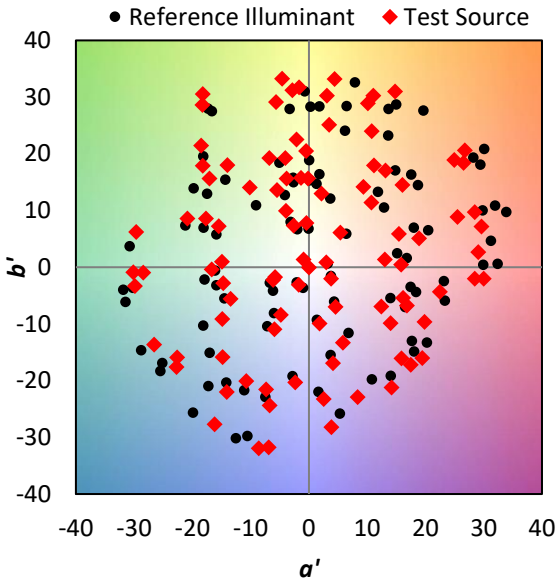
Summary

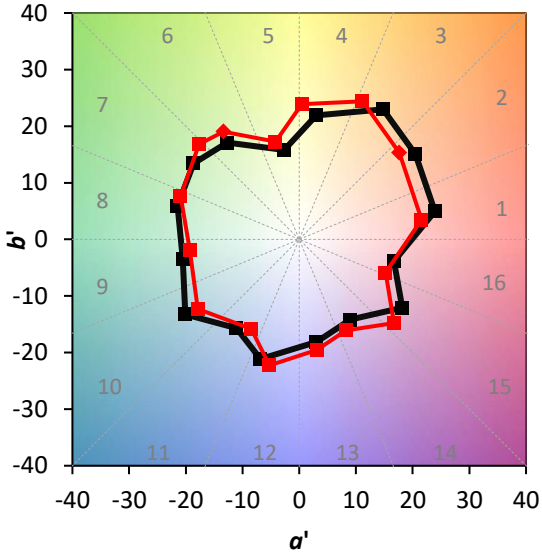
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

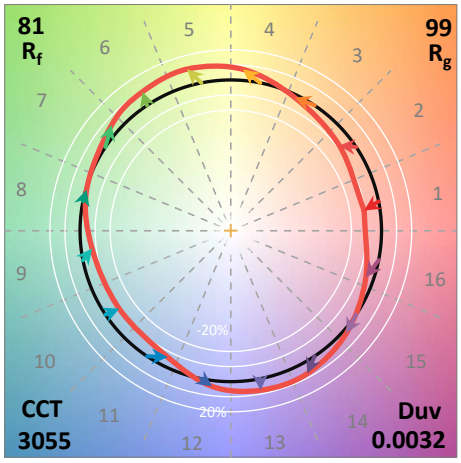
Spectral Power Distribution Comparison

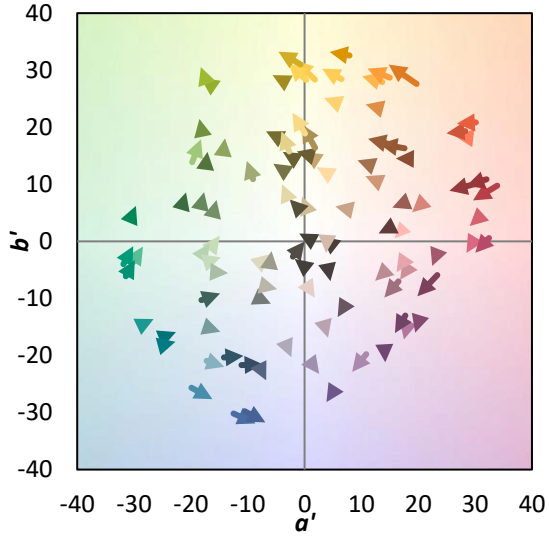


Color Vector Graphics









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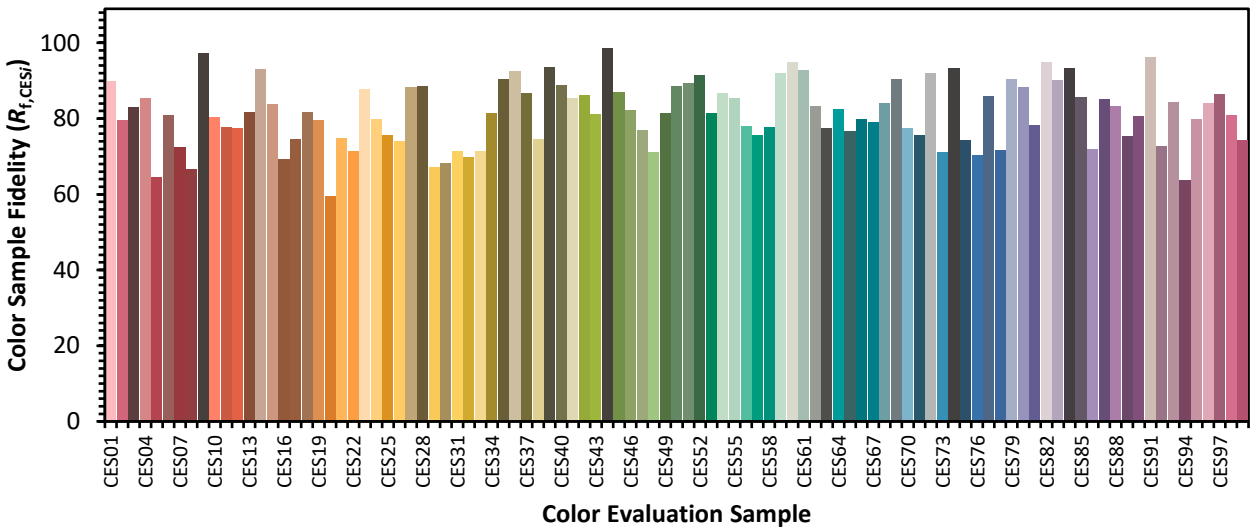
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 95
CES08 = 41	CES33 = 71	CES58 = 78	CES83 = 90
CES09 = 29	CES34 = 82	CES59 = 92	CES84 = 93
CES10 = 76	CES35 = 90	CES60 = 95	CES85 = 86
CES11 = 59	CES36 = 93	CES61 = 93	CES86 = 72
CES12 = 65	CES37 = 87	CES62 = 83	CES87 = 85
CES13 = 43	CES38 = 75	CES63 = 77	CES88 = 83
CES14 = 74	CES39 = 94	CES64 = 83	CES89 = 75
CES15 = 71	CES40 = 89	CES65 = 77	CES90 = 81
CES16 = 47	CES41 = 85	CES66 = 80	CES91 = 96
CES17 = 50	CES42 = 86	CES67 = 79	CES92 = 73
CES18 = 56	CES43 = 81	CES68 = 84	CES93 = 84
CES19 = 72	CES44 = 99	CES69 = 90	CES94 = 64
CES20 = 66	CES45 = 87	CES70 = 77	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 76	CES96 = 84
CES22 = 79	CES47 = 77	CES72 = 92	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 71	CES98 = 81
CES24 = 91	CES49 = 81	CES74 = 93	CES99 = 74
CES25 = 72	CES50 = 89	CES75 = 74	



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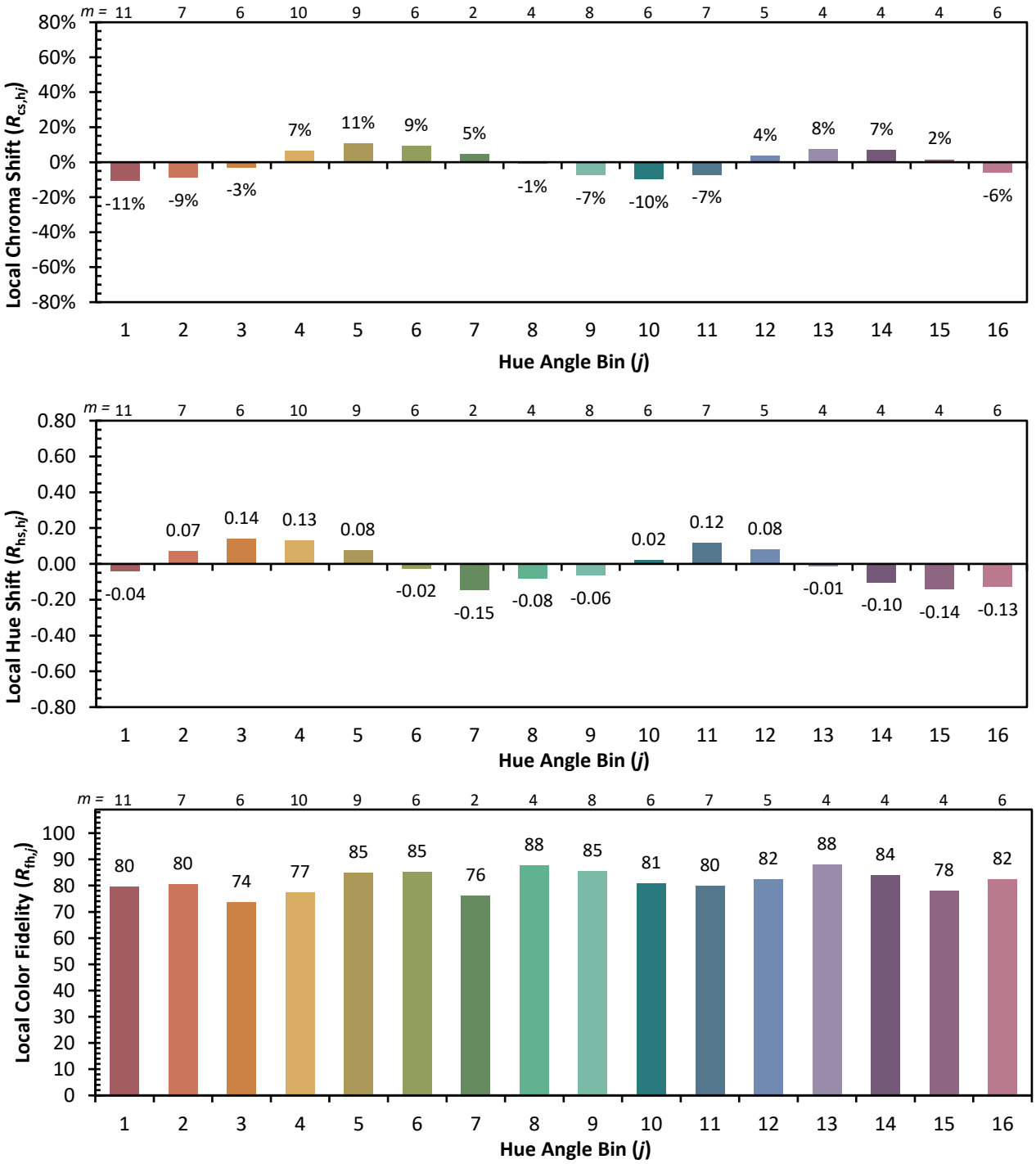
Color Rendition by Hue-Angle Bin



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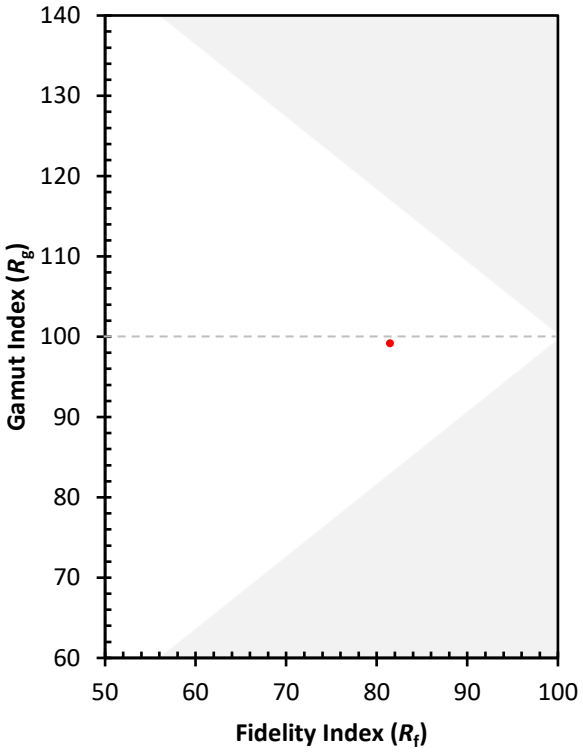
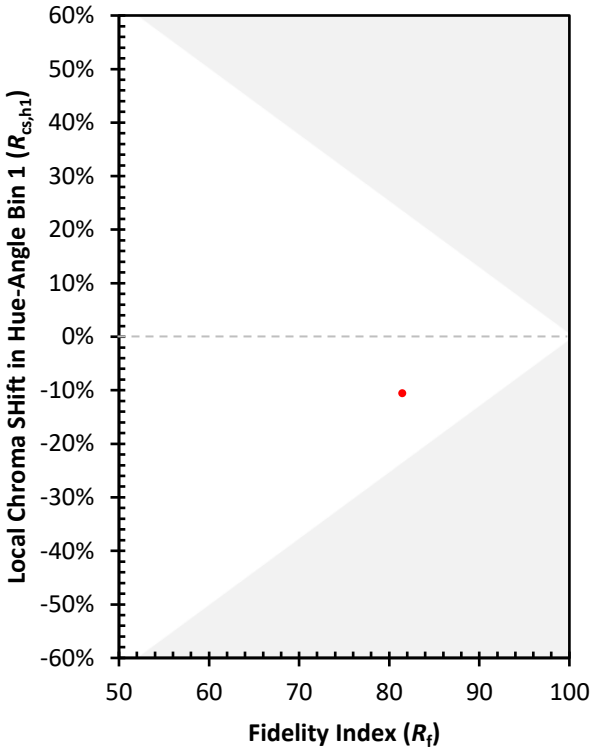
Measure Comparisons





(END OF REPORT)