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: P1459142

Luminaire Tested: GLAN-SB1D-935-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:	P1459142
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB1D-935-U-T4LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 1xLight Square PACKAGE 90CRI 3500K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(26) 3500K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5138.3 lumens
Efficiency:	N/A
Efficacy:	64.6 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):	79.6
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: P1459142
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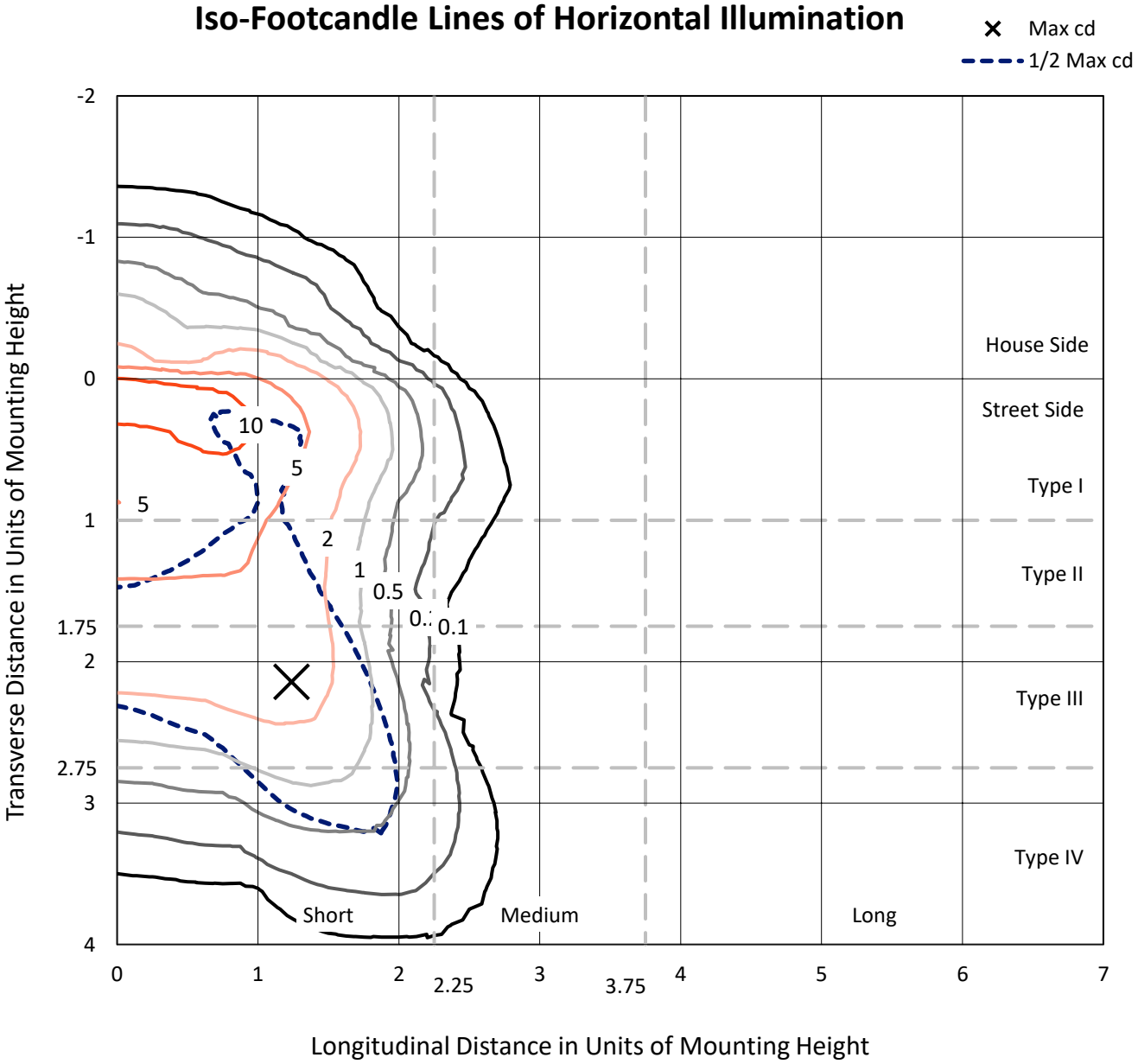
Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 15.5 fc
Type IV - Short - N/A

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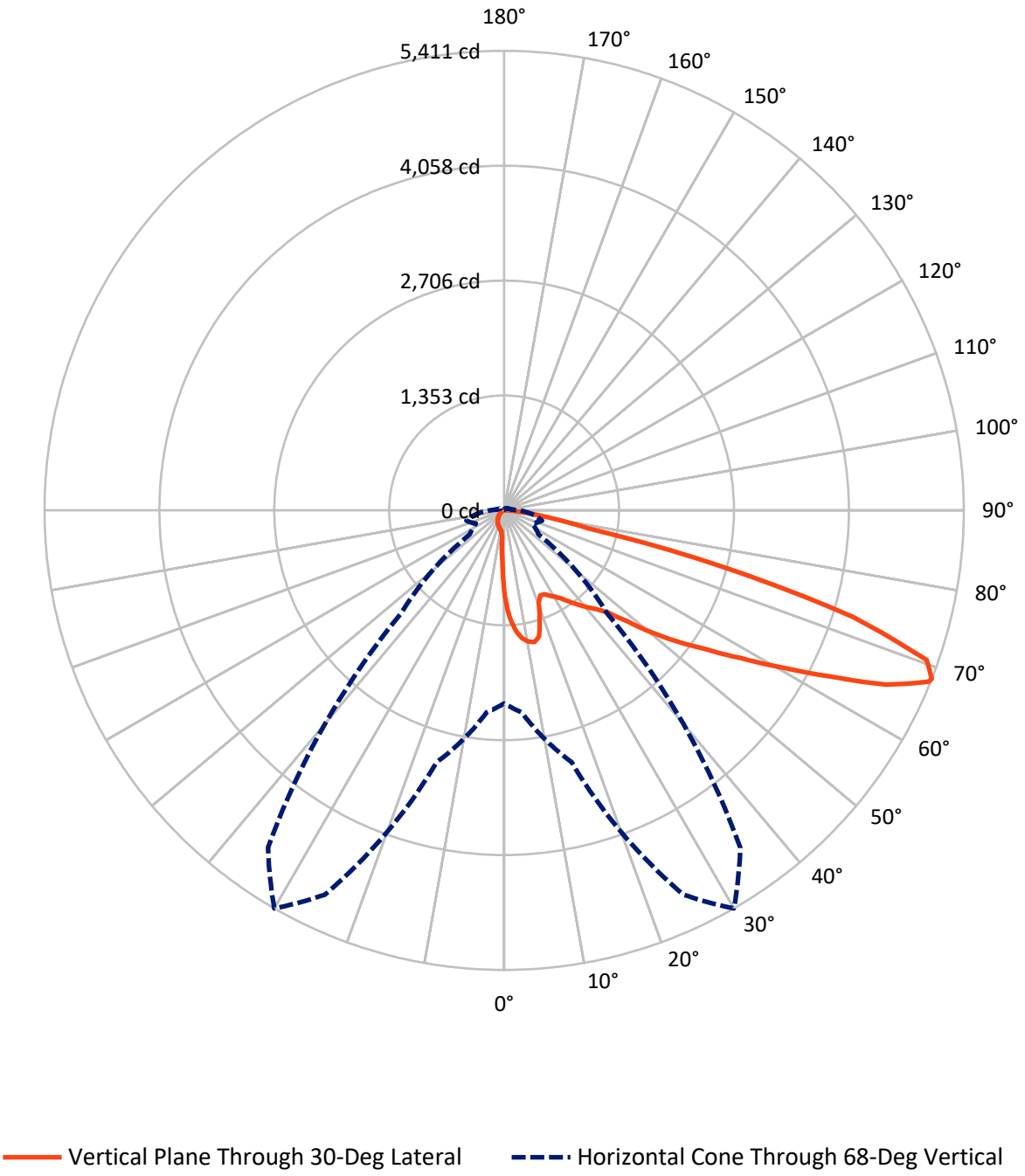
Luminous Intensity Polar Plot



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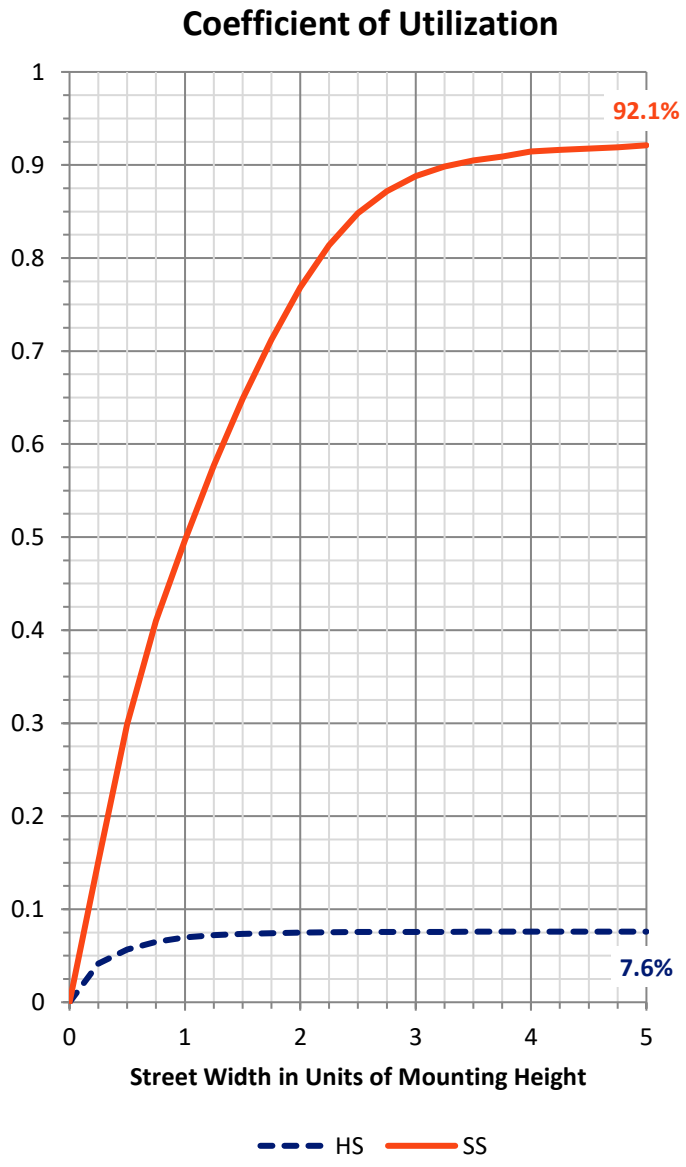
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	392.2	0.0	392.2
	% Fixture	7.6	0.0	7.6
Street Side	Lumens	4746.1	0.0	4746.1
	% Fixture	92.4	0.0	92.4
Total	Lumens	5138.3	0.0	5138.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	87.4	1.7
10°-20°	249.6	4.9
20°-30°	392.2	7.6
30°-40°	615.2	12.0
40°-50°	919.5	17.9
50°-60°	1223.3	23.8
60°-70°	1182.5	23.0
70°-80°	425.1	8.3
80°-90°	43.4	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°	5138.3	100.0
0°-180°	5138.3	100.0



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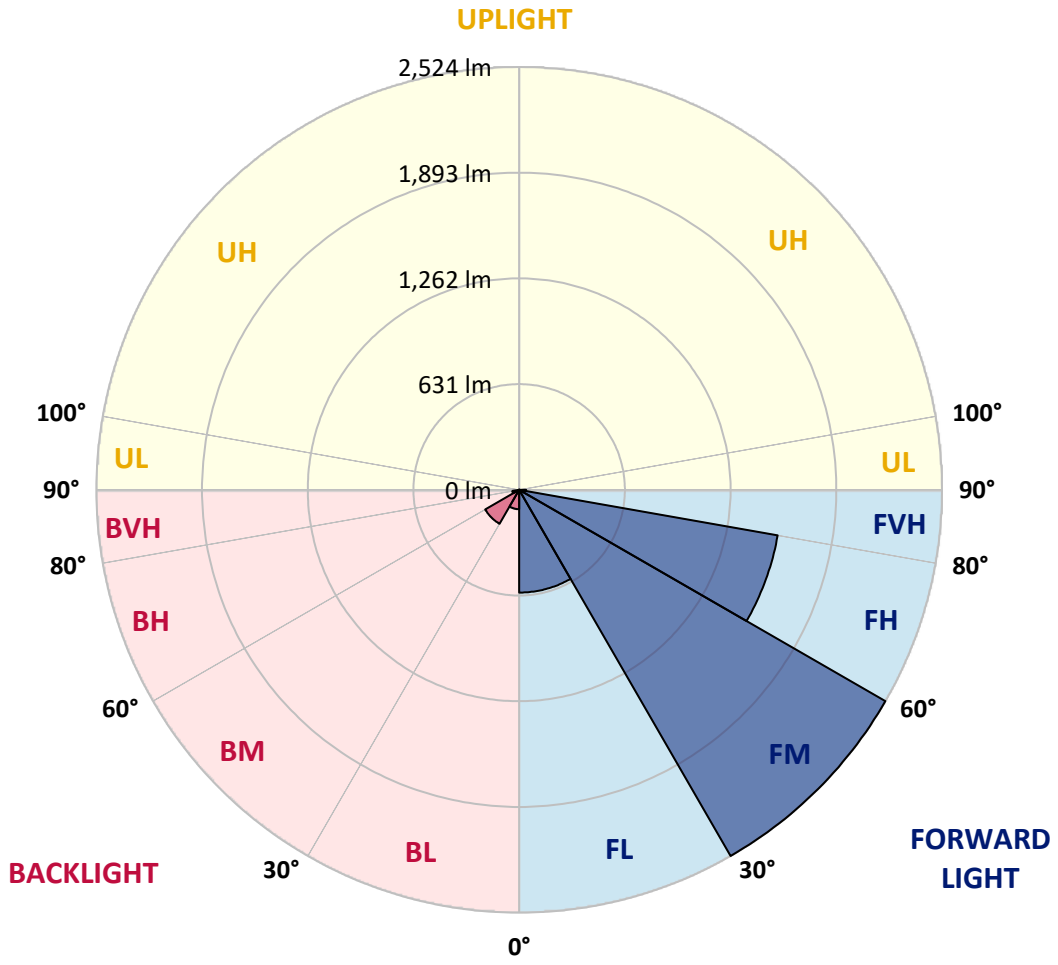
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	613.5	11.9			
FM	(30°-60°)	2523.9	49.1			
FH	(60°-80°)	1566.8	30.5			G1/1800
FVH	(80°-90°)	41.8	0.8			G1/100
BL	(0°-30°)	115.8	2.3	B1/500		
BM	(30°-60°)	234.1	4.6	B1/1000		
BH	(60°-80°)	40.8	0.8	B0/110		G0/110
BVH	(80°-90°)	1.5	0.0			G0/10
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: P1459142
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	1013.2	1013.2	1013.2	1013.2	*1013.2*	1013.2	1013.2	1013.2	1013.2	1013.2	1013.2
2.5°	1295.0	1295.0	1285.8	1273.4	*1259.6*	1255.0	1228.8	1191.8	1153.3	1108.7	1044.0
5°	1461.3	1459.8	1441.3	1441.3	*1422.8*	1405.9	1379.7	1325.8	1264.2	1184.1	1071.7
7.5°	1535.2	1538.3	1530.6	1530.6	*1519.8*	1507.5	1492.1	1439.8	1367.4	1259.6	1099.4
10°	1561.4	1562.9	1562.9	1573.7	*1570.6*	1569.1	1567.6	1538.3	1462.8	1336.6	1128.7
12.5°	1498.3	1506.0	1527.5	1575.3	*1590.7*	1607.6	1630.7	1621.5	1569.1	1433.6	1173.4
15°	1295.0	1296.5	1356.6	1475.2	*1538.3*	1603.0	1692.3	1710.8	1676.9	1538.3	1219.6
17.5°	1068.6	1073.3	1121.0	1253.4	*1355.1*	1504.4	1727.7	1803.2	1790.8	1641.5	1262.7
20°	974.7	980.9	1004.0	1087.1	*1164.1*	1302.7	1692.3	1890.9	1895.5	1744.6	1302.7
22.5°	953.2	957.8	976.3	1040.9	*1088.7*	1181.1	1572.2	1960.2	2014.1	1863.2	1350.4
25°	947.0	951.6	979.3	1050.2	*1094.8*	1171.8	1462.8	1997.2	2154.2	1986.4	1396.6
27.5°	942.4	948.5	993.2	1084.0	*1136.4*	1210.3	1442.8	2004.9	2288.2	2117.3	1472.1
30°	948.5	957.8	1016.3	1119.5	*1179.5*	1262.7	1490.6	2012.6	2436.0	2266.6	1567.6
32.5°	973.2	980.9	1051.7	1167.2	*1236.5*	1330.4	1572.2	2058.8	2576.2	2419.1	1658.4
35°	1000.9	1011.7	1096.4	1235.0	*1318.1*	1424.4	1683.0	2149.6	2710.1	2563.8	1752.3
37.5°	1034.8	1047.1	1148.7	1311.9	*1407.4*	1527.5	1803.2	2275.9	2828.7	2682.4	1846.3
40°	1081.0	1094.8	1208.8	1393.6	*1496.7*	1616.8	1921.7	2400.6	2919.5	2753.2	1907.9
42.5°	1262.7	1281.1	1328.9	1473.6	*1589.1*	1712.3	2038.7	2519.2	2953.4	2776.3	1920.2
45°	1601.4	1619.9	1607.6	1635.3	*1712.3*	1827.8	2166.6	2633.1	2958.0	2770.2	1914.0
47.5°	1941.7	1963.3	1952.5	1937.1	*1954.1*	2009.5	2309.8	2705.5	2933.4	2767.1	1914.0
50°	2266.6	2254.3	2255.9	2251.2	*2266.6*	2295.9	2448.3	2719.4	2927.2	2796.4	1931.0
52.5°	2440.6	2446.8	2485.3	2542.3	*2576.2*	2605.4	2607.0	2740.9	2882.6	2747.1	1910.9
55°	2611.6	2623.9	2713.2	2810.2	*2885.7*	2941.1	2765.6	2727.1	2616.2	2582.3	1806.2
57.5°	2804.0	2821.0	2947.3	3147.4	*3279.9*	3309.1	2922.6	2468.4	2214.3	2346.7	1603.0
60°	3068.9	3088.9	3256.8	3557.0	*3754.1*	3694.1	2934.9	2057.2	1758.5	1947.9	1322.7
62.5°	3276.8	3316.8	3620.2	4088.3	*4305.4*	4114.5	2705.5	1576.8	1228.8	1368.9	965.5
65°	3055.0	3132.0	3626.3	4696.5	*4947.5*	4608.7	2345.2	1076.3	692.9	885.4	617.5
67.5°	2469.9	2577.7	3219.8	4992.2	*5387.9*	4869.0	1846.3	571.3	397.3	514.3	324.9
68°	*2272.8*	*2389.8*	*3070.4*	*4992.2*	*5411.0*	*4845.9*	*1713.8*	*494.3*	*366.5*	*462.0*	*281.8*
70°	1570.6	1653.8	2360.6	4711.9	*5275.5*	4417.8	1128.7	283.3	275.6	317.2	186.3
72.5°	769.9	859.2	1262.7	3734.1	*4297.7*	3395.3	514.3	187.9	209.4	232.5	146.3
75°	306.4	324.9	497.4	1841.6	*2685.5*	2166.6	269.5	141.7	180.2	181.7	115.5
77.5°	175.5	186.3	275.6	677.5	*1007.1*	968.6	174.0	101.6	143.2	130.9	75.5
80°	98.5	100.1	155.5	357.2	*575.9*	515.8	118.6	73.9	109.3	92.4	50.8
82.5°	49.3	55.4	98.5	197.1	*320.3*	328.0	63.1	52.4	87.8	66.2	41.6
85°	35.4	38.5	70.8	109.3	*147.8*	221.7	38.5	26.2	66.2	44.7	29.3
87.5°	18.5	23.1	44.7	53.9	*60.1*	75.5	18.5	12.3	37.0	26.2	15.4
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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REPORT NUMBER: P1459142
CATALOG NUMBER: GLAN-SB1D-935-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1013.2	1013.2	1013.2	1013.2	1013.2	1013.2	1013.2	1013.2	1013.2	1013.2	1013.2
2.5°	1013.2	977.8	905.4	820.7	754.5	686.8	631.3	579.0	554.3	551.3	557.4
5°	1008.6	931.6	766.8	605.2	472.7	380.3	329.5	303.3	289.5	283.3	284.9
7.5°	999.4	882.3	619.0	409.6	306.4	266.4	254.1	249.5	247.9	247.9	247.9
10°	990.1	816.1	474.3	300.3	251.0	240.2	237.1	237.1	235.6	235.6	237.1
12.5°	985.5	754.5	368.0	251.0	234.1	229.4	226.4	224.8	224.8	224.8	226.4
15°	974.7	686.8	297.2	232.5	223.3	217.1	215.6	214.0	214.0	214.0	214.0
17.5°	965.5	620.6	258.7	220.2	212.5	206.3	204.8	203.3	203.3	204.8	204.8
20°	951.6	557.4	232.5	207.9	201.7	195.6	194.0	192.5	194.0	194.0	194.0
22.5°	934.7	505.1	217.1	198.6	190.9	184.8	184.8	184.8	184.8	184.8	186.3
25°	923.9	468.1	206.3	187.9	180.2	175.5	174.0	174.0	177.1	177.1	178.6
27.5°	940.8	458.9	207.9	184.8	170.9	166.3	164.8	164.8	167.8	169.4	170.9
30°	991.7	475.8	226.4	194.0	164.8	157.1	155.5	155.5	160.1	161.7	163.2
32.5°	1050.2	511.2	254.1	206.3	160.1	147.8	144.7	144.7	149.4	150.9	152.4
35°	1130.2	566.7	291.0	217.1	163.2	138.6	132.4	132.4	135.5	138.6	140.1
37.5°	1233.4	657.5	334.1	224.8	163.2	127.8	120.1	118.6	121.6	121.6	123.2
40°	1341.2	776.1	378.8	224.8	155.5	117.0	109.3	104.7	106.2	104.7	106.2
42.5°	1401.3	871.5	417.3	211.0	146.3	106.2	98.5	92.4	90.9	87.8	89.3
45°	1435.1	914.7	406.5	195.6	137.0	98.5	89.3	81.6	78.5	73.9	73.9
47.5°	1435.1	919.3	348.0	183.2	127.8	92.4	80.1	72.4	67.8	63.1	64.7
50°	1418.2	877.7	275.6	170.9	117.0	86.2	72.4	66.2	60.1	57.0	57.0
52.5°	1347.4	742.2	211.0	155.5	104.7	78.5	64.7	58.5	52.4	50.8	50.8
55°	1225.7	545.1	170.9	140.1	93.9	72.4	58.5	53.9	47.7	44.7	44.7
57.5°	996.3	372.6	141.7	126.3	83.2	64.7	52.4	47.7	40.0	37.0	37.0
60°	739.1	243.3	120.1	110.9	70.8	58.5	46.2	40.0	33.9	30.8	29.3
62.5°	498.9	164.8	100.1	87.8	60.1	50.8	40.0	33.9	26.2	20.0	20.0
65°	311.0	127.8	83.2	69.3	52.4	44.7	33.9	26.2	18.5	13.9	12.3
67.5°	178.6	103.2	67.8	53.9	44.7	35.4	26.2	21.6	15.4	10.8	9.2
68°	*164.8*	*98.5*	*63.1*	*50.8*	*41.6*	*33.9*	*24.6*	*20.0*	*13.9*	*9.2*	*9.2*
70°	134.0	87.8	53.9	41.6	35.4	27.7	21.6	16.9	10.8	6.2	6.2
72.5°	118.6	73.9	46.2	32.3	24.6	23.1	16.9	12.3	7.7	4.6	3.1
75°	97.0	58.5	37.0	24.6	16.9	16.9	12.3	7.7	3.1	0.0	0.0
77.5°	63.1	43.1	29.3	15.4	9.2	10.8	7.7	3.1	0.0	0.0	0.0
80°	41.6	32.3	20.0	7.7	4.6	4.6	1.5	0.0	0.0	0.0	0.0
82.5°	29.3	21.6	12.3	3.1	1.5	1.5	0.0	0.0	0.0	0.0	0.0
85°	18.5	9.2	4.6	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.7	3.1	1.5	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: SP1-2407-184-15

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-935-U-5WQ

Data in this report applies to families of products including GSS-SB1A-935-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

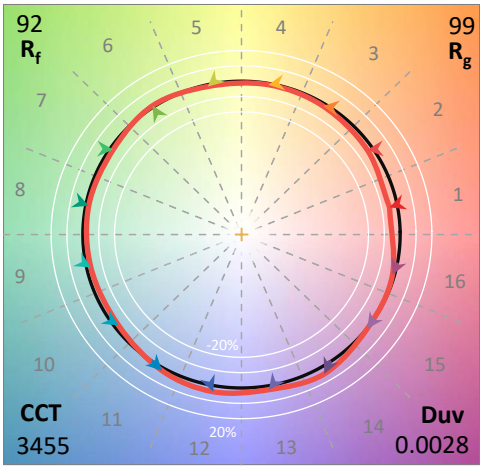
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-15
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-935-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K):	3455
CIE u':	0.2356
CIE v':	0.5159
Duv:	0.0028
CIE x:	0.4109
CIE y:	0.3999
CIE z:	0.1892
Peak Wavelength (nm):	616
Dominant Wavelength (nm):	579
Purity:	43.35383
Rf:	92.3
Rg:	98.5

CRI (Ra):	92.2
R1:	92.0
R2:	94.4
R3:	95.6
R4:	93.2
R5:	91.4
R6:	92.5
R7:	94.5
R8:	84.2
R9:	59.8
R10:	85.8
R11:	93.2
R12:	78.0
R13:	92.5
R14:	97.0
R15:	88.4



Test Conditions

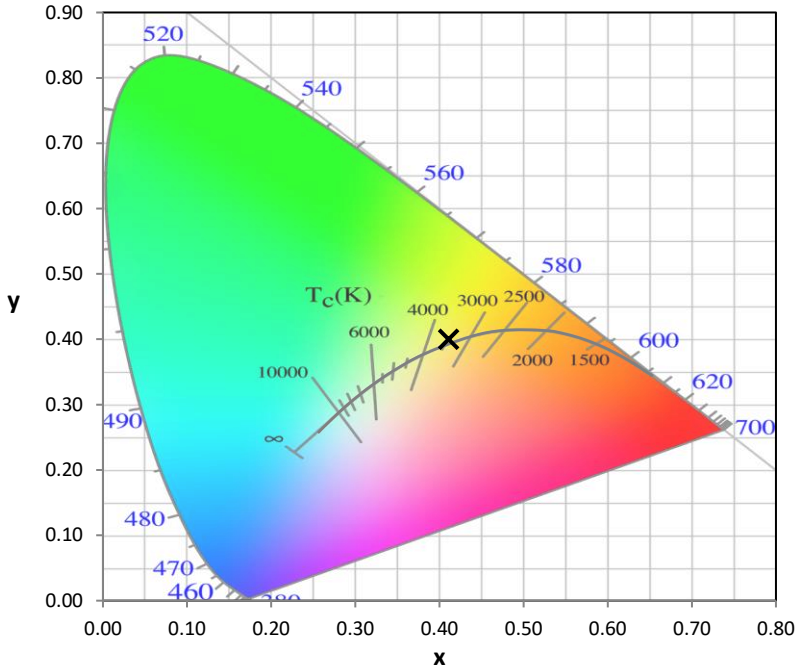
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-15

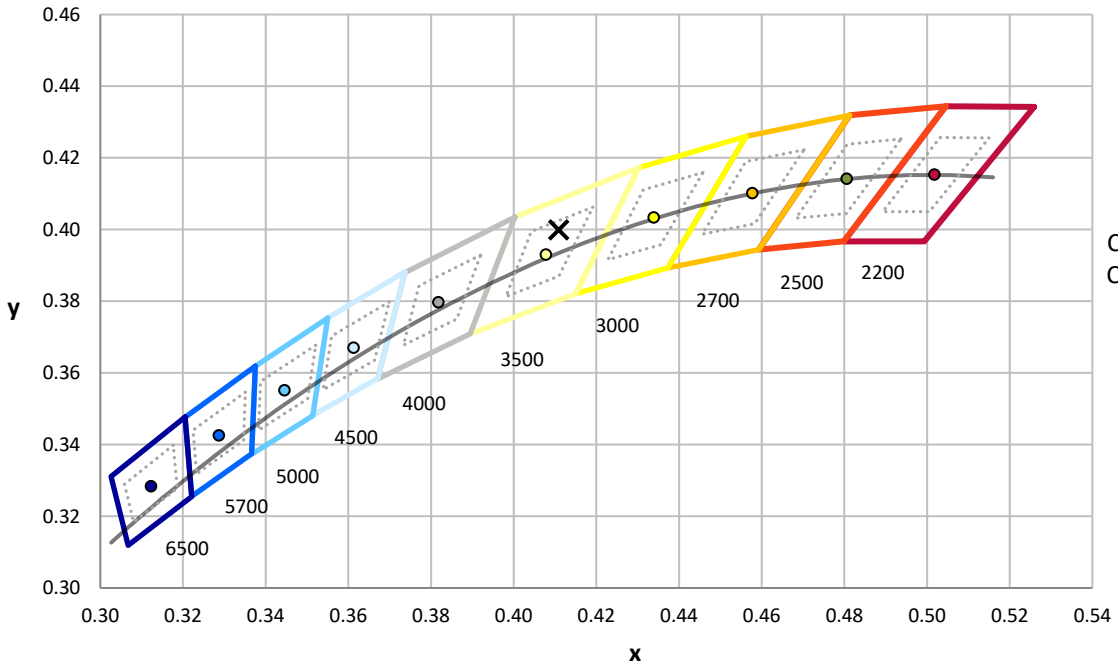
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-15

CIE 1931 Chromaticity Diagram



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

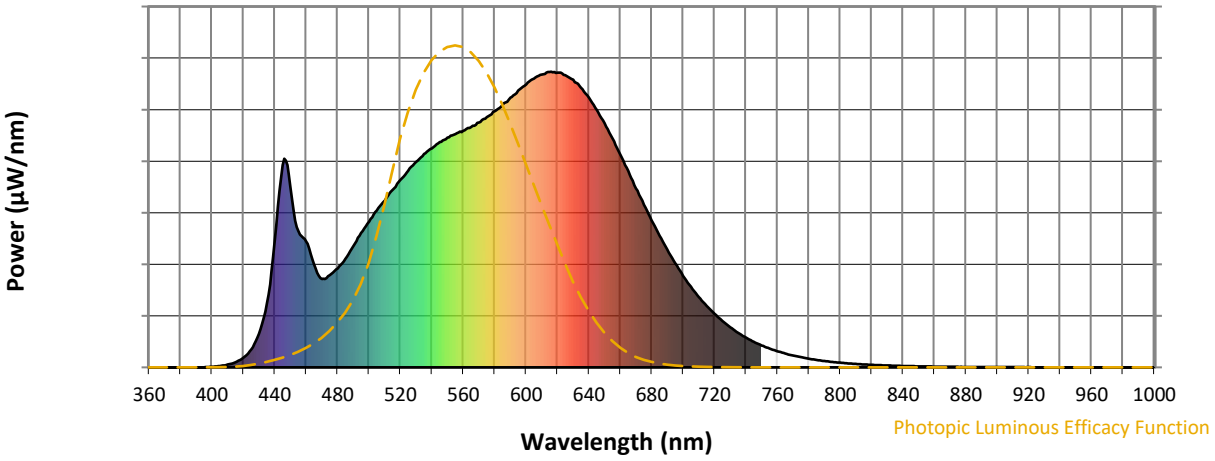


CCT = 3455K
CIE x = 0.4109
CIE y = 0.3999
Duv = 0.0028

Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-15

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	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

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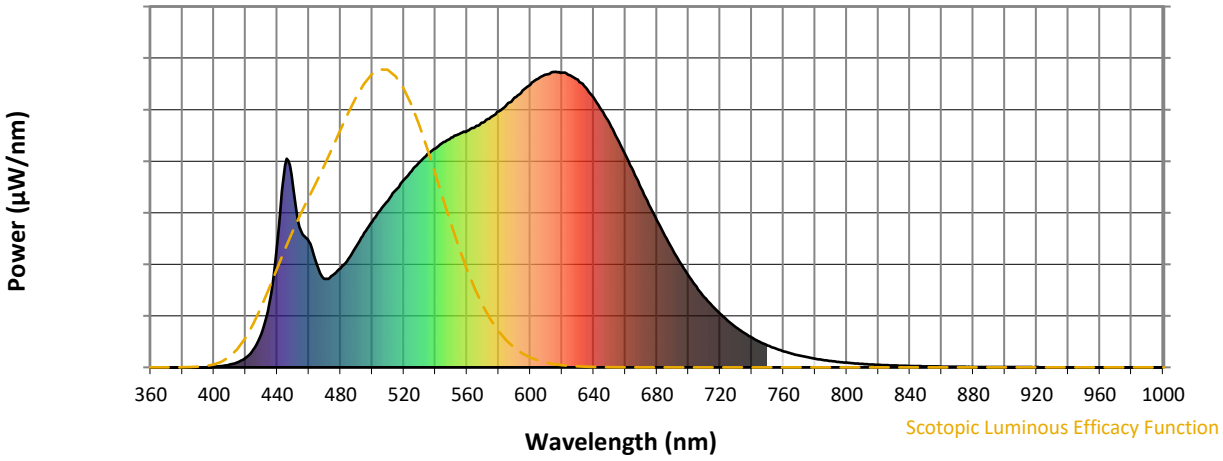
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.58**

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	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

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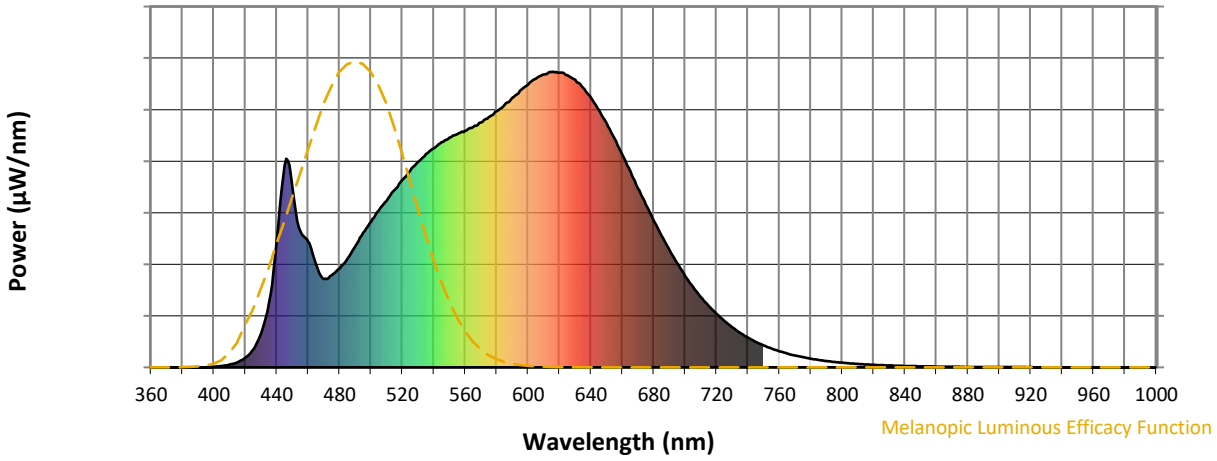
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.14**

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	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

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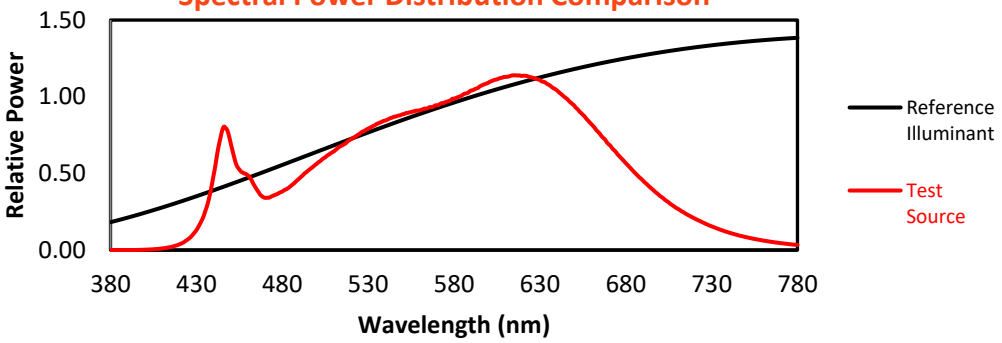
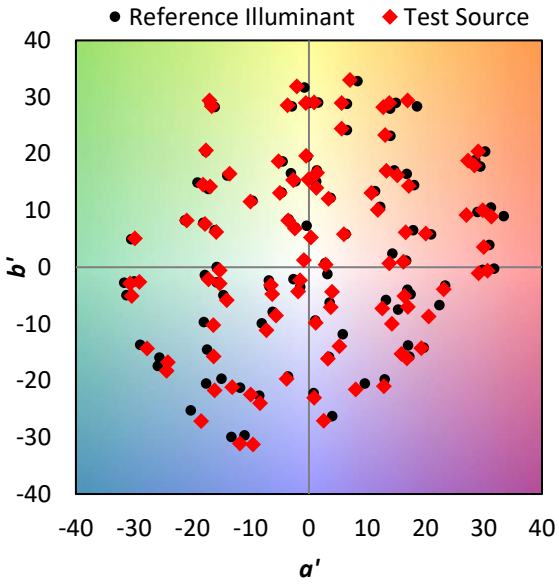
Summary

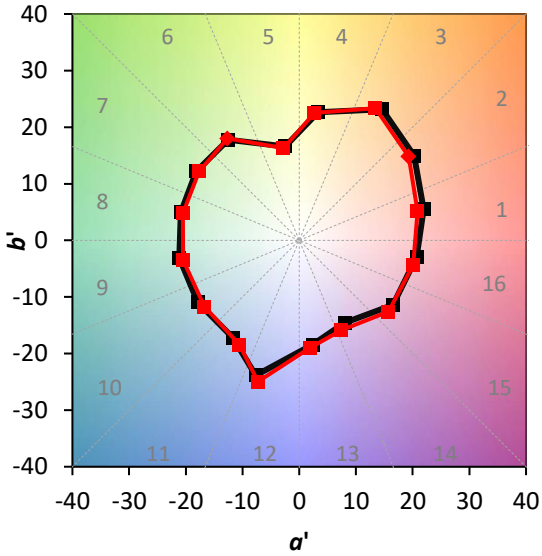
R_f = 92.3
R_g = 98.5
CIE R_a = 92.2
R_9 = 59.8

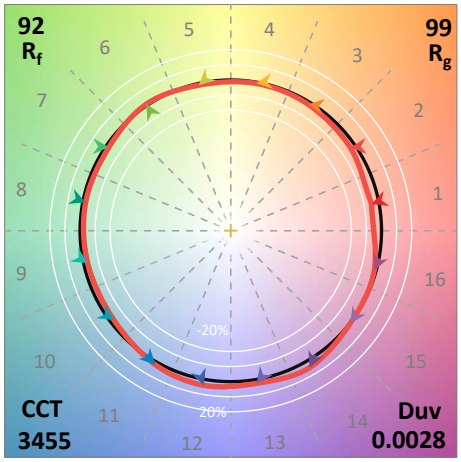
Spectral Power Distribution Comparison

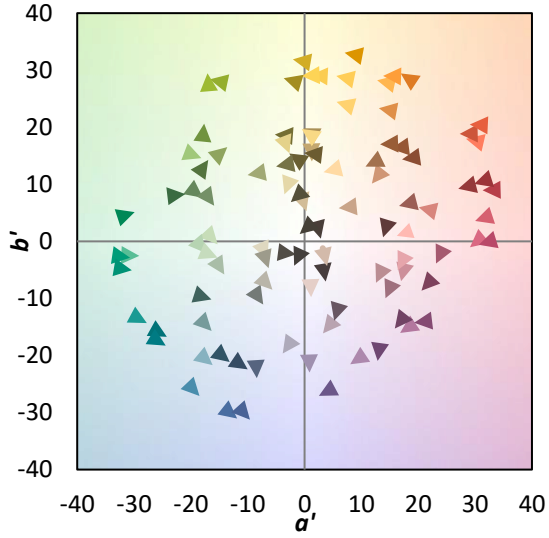


Color Vector Graphics









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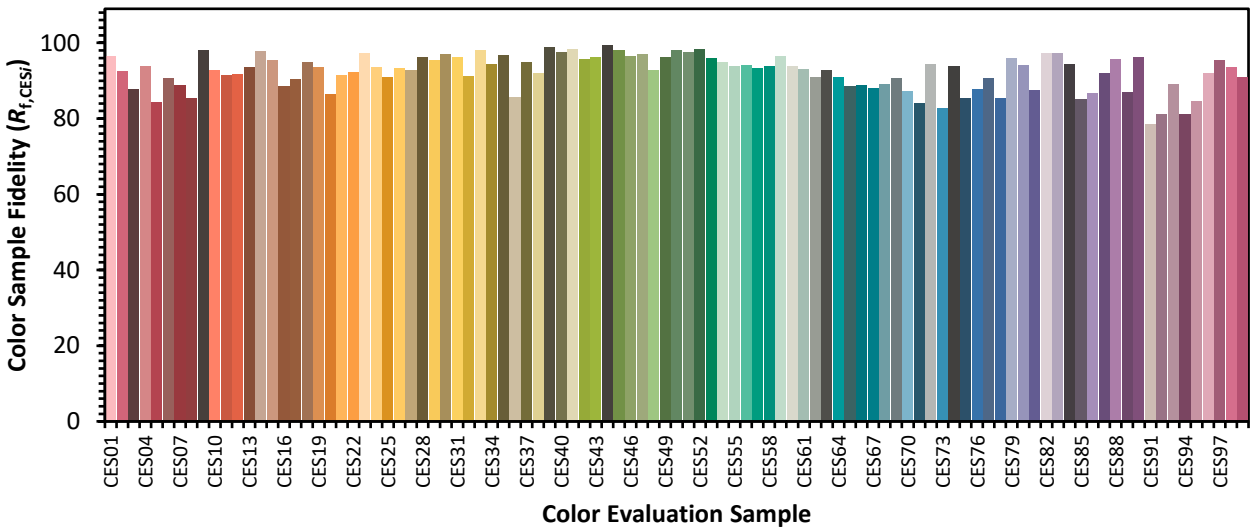
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 93	CES51 = 97	CES76 = 88
CES02 = 62	CES27 = 93	CES52 = 98	CES77 = 91
CES03 = 31	CES28 = 96	CES53 = 96	CES78 = 85
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 96
CES05 = 50	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 87
CES07 = 42	CES32 = 91	CES57 = 93	CES82 = 97
CES08 = 41	CES33 = 98	CES58 = 94	CES83 = 97
CES09 = 29	CES34 = 94	CES59 = 96	CES84 = 94
CES10 = 75	CES35 = 97	CES60 = 94	CES85 = 85
CES11 = 58	CES36 = 86	CES61 = 93	CES86 = 87
CES12 = 64	CES37 = 95	CES62 = 91	CES87 = 92
CES13 = 43	CES38 = 92	CES63 = 93	CES88 = 96
CES14 = 74	CES39 = 99	CES64 = 91	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 47	CES41 = 98	CES66 = 89	CES91 = 78
CES17 = 49	CES42 = 96	CES67 = 88	CES92 = 81
CES18 = 56	CES43 = 96	CES68 = 89	CES93 = 89
CES19 = 71	CES44 = 99	CES69 = 91	CES94 = 81
CES20 = 66	CES45 = 98	CES70 = 87	CES95 = 85
CES21 = 86	CES46 = 97	CES71 = 84	CES96 = 92
CES22 = 78	CES47 = 97	CES72 = 95	CES97 = 95
CES23 = 91	CES48 = 93	CES73 = 83	CES98 = 94
CES24 = 90	CES49 = 96	CES74 = 94	CES99 = 91
CES25 = 71	CES50 = 98	CES75 = 85	



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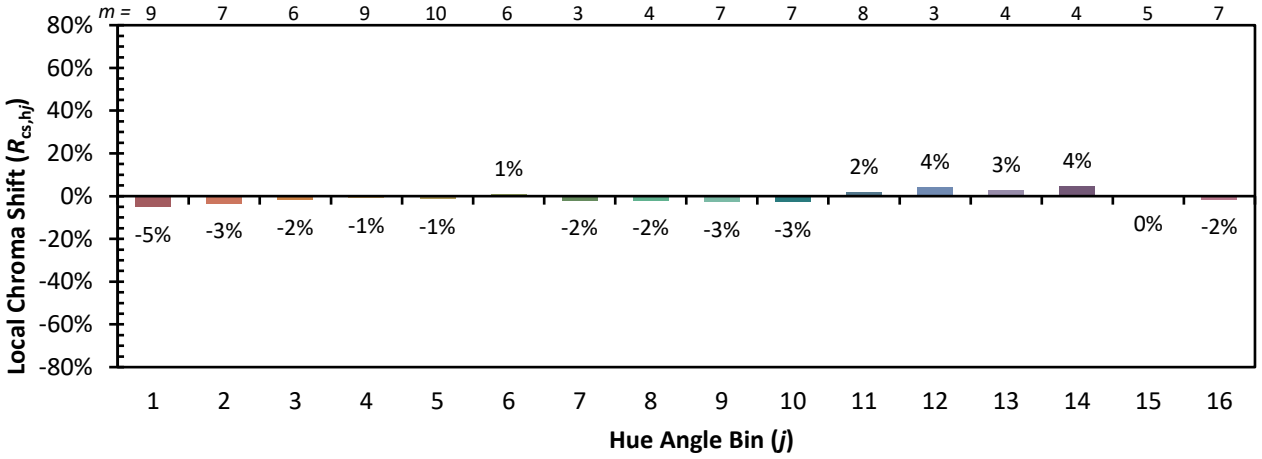
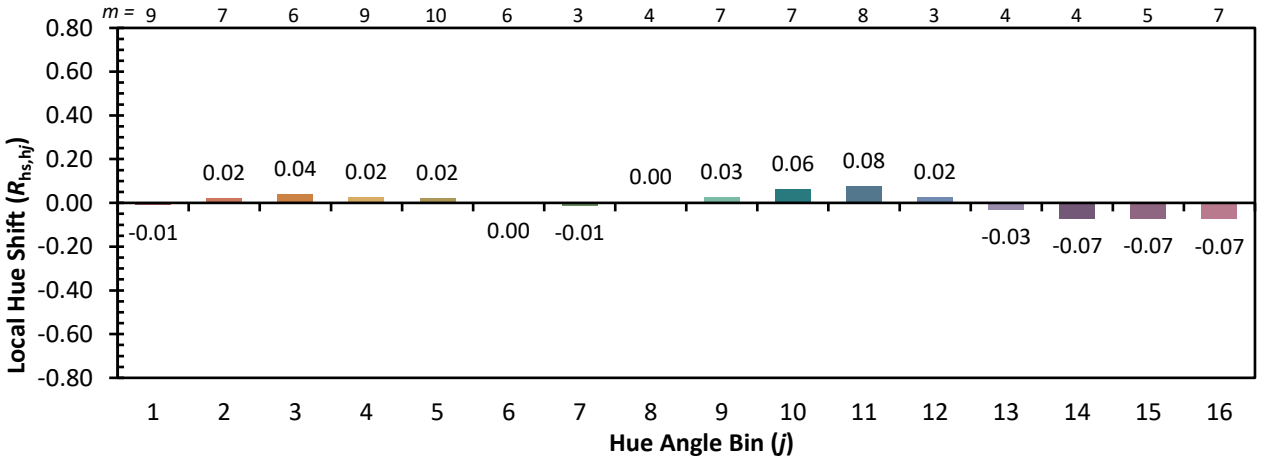
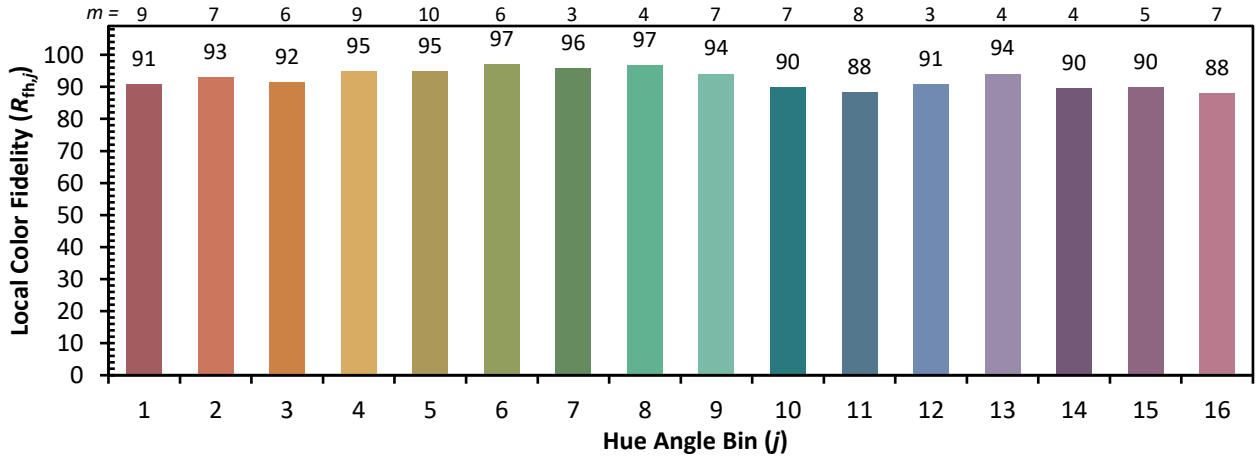
Color Rendition by Hue-Angle Bin







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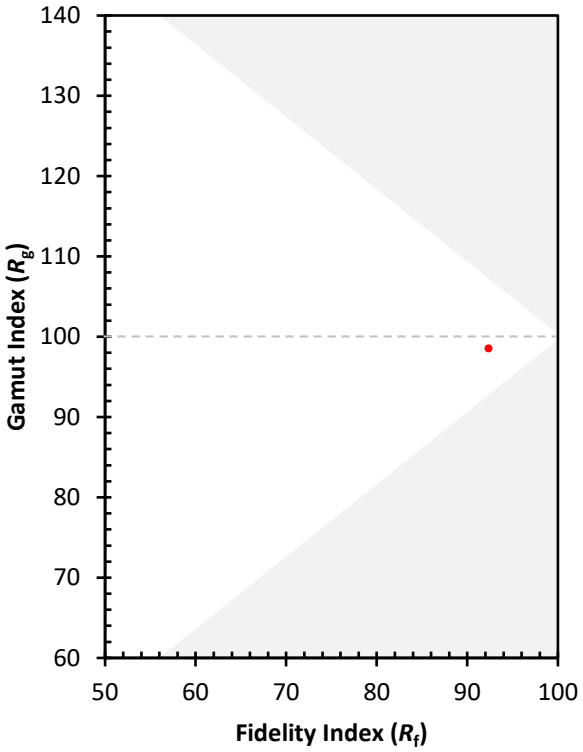
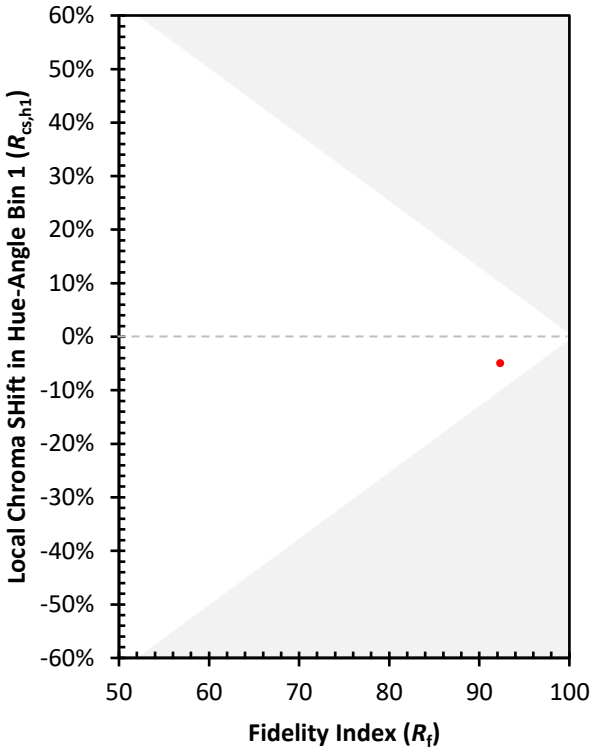
Measure Comparisons





(END OF REPORT)