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: P1459031

Luminaire Tested: GLAN-SB1A-850-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:	P1459031
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB1A-850-U-T4LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 1xLight Square PACKAGE 80CRI 5000K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(26) 5000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3112 lumens
Efficiency:	N/A
Efficacy:	100.7 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):	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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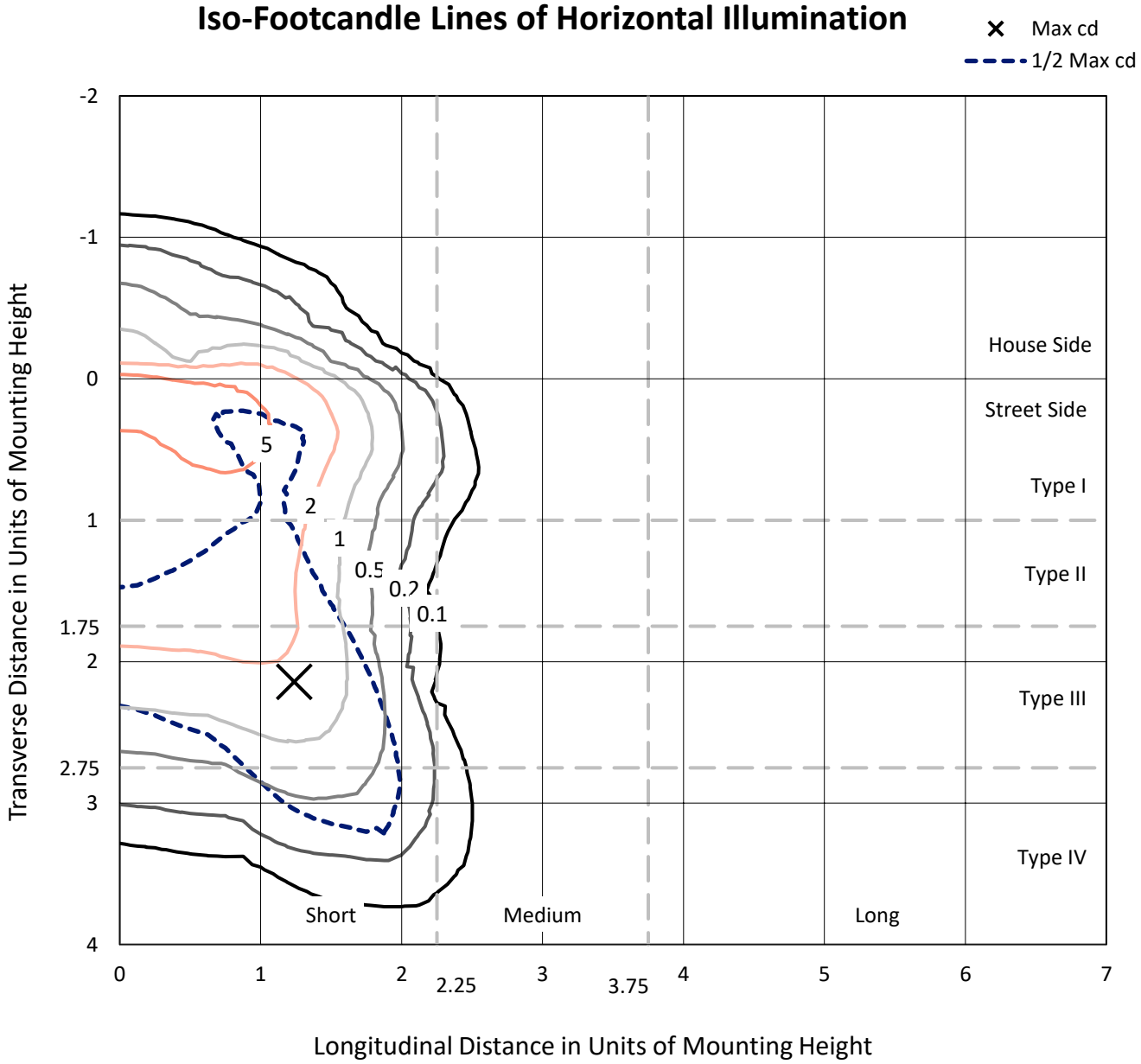
Scaled Data Report

REPORT NUMBER: P1459031
CATALOG NUMBER: GLAN-SB1A-850-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 9.4 fc
Type IV - Short - N/A

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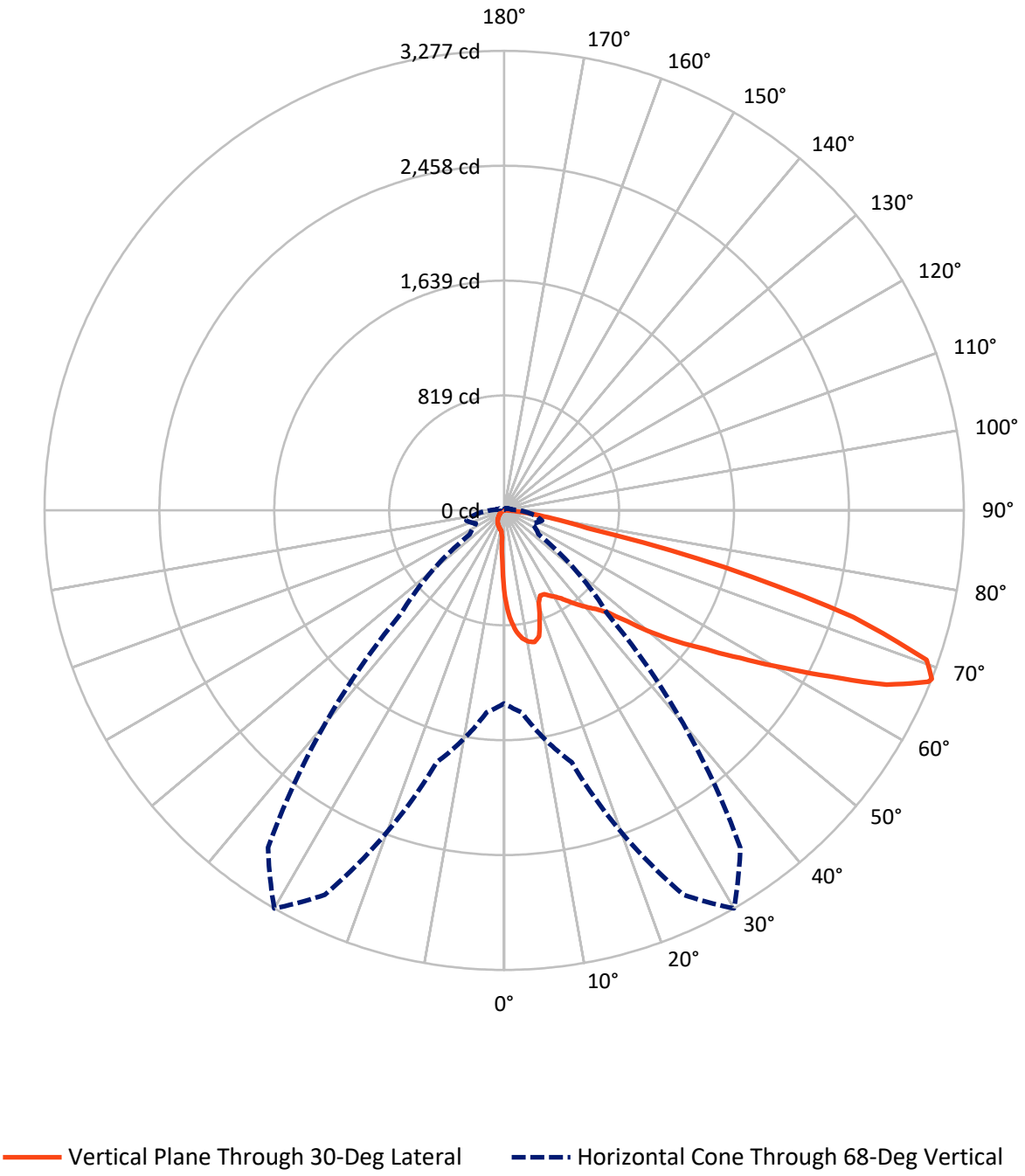
Luminous Intensity Polar Plot



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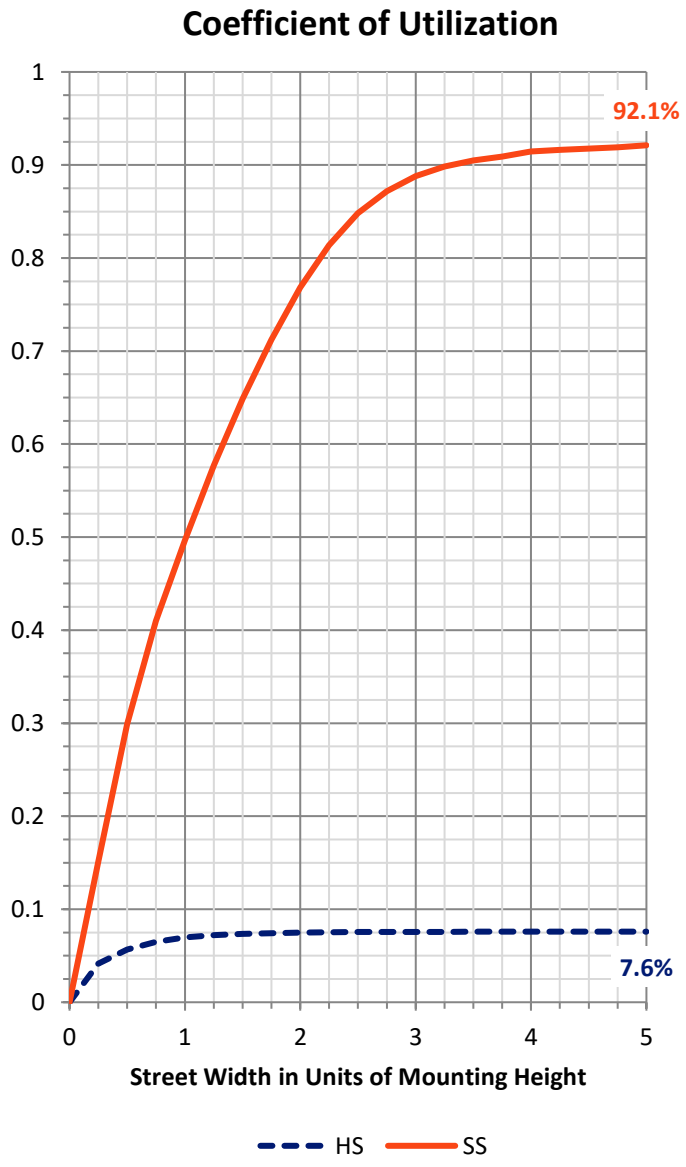
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	237.5	0.0	237.5
	% Fixture	7.6	0.0	7.6
Street Side	Lumens	2874.5	0.0	2874.5
	% Fixture	92.4	0.0	92.4
Total	Lumens	3112.0	0.0	3112.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	53.0	1.7
10°-20°	151.2	4.9
20°-30°	237.6	7.6
30°-40°	372.6	12.0
40°-50°	556.9	17.9
50°-60°	740.9	23.8
60°-70°	716.2	23.0
70°-80°	257.4	8.3
80°-90°	26.3	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°	3112.0	100.0
0°-180°	3112.0	100.0



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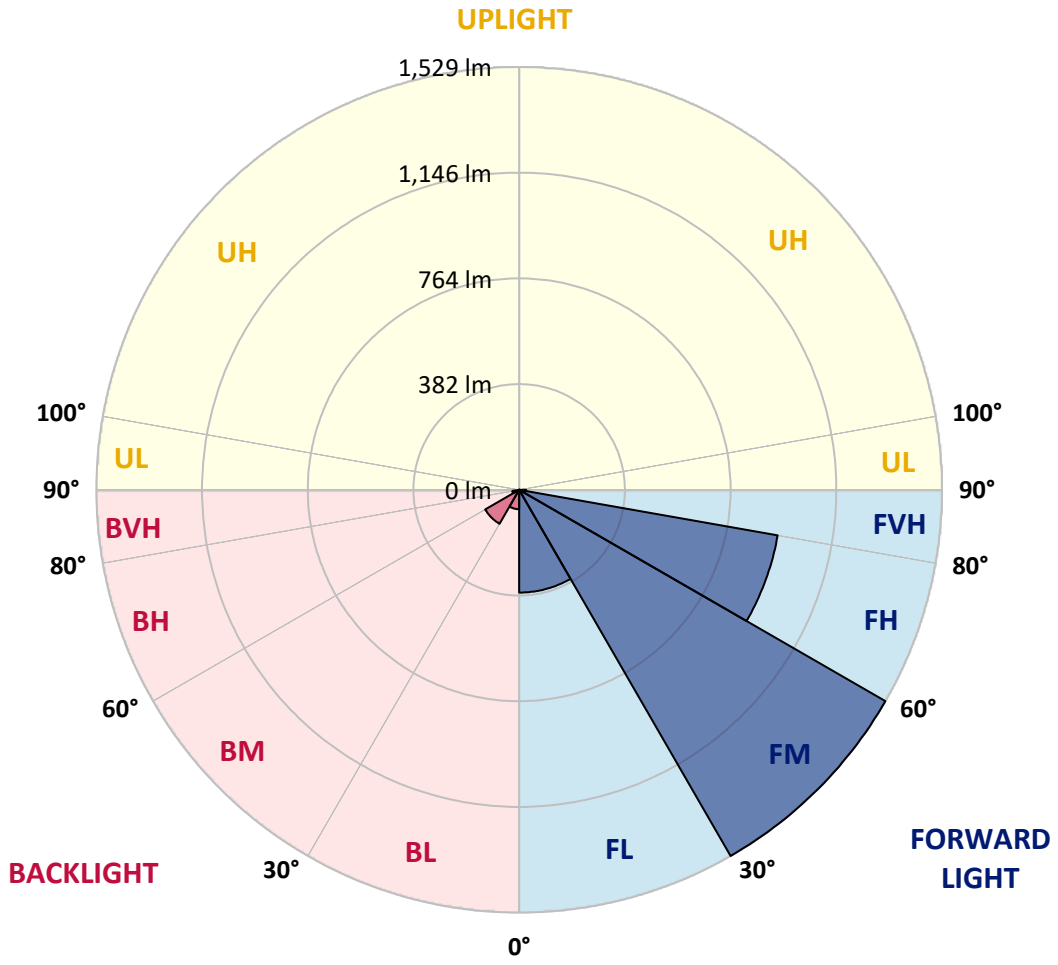
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	371.6	11.9			
FM	(30°-60°)	1528.6	49.1			
FH	(60°-80°)	948.9	30.5			G1/1800
FVH	(80°-90°)	25.3	0.8			G1/100
BL	(0°-30°)	70.1	2.3	B0/110		
BM	(30°-60°)	141.8	4.6	B0/220		
BH	(60°-80°)	24.7	0.8	B0/110		G0/110
BVH	(80°-90°)	0.9	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: P1459031
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	613.6	613.6	613.6	613.6	*613.6*	613.6	613.6	613.6	613.6	613.6	613.6
2.5°	784.3	784.3	778.7	771.3	*762.9*	760.1	744.2	721.8	698.5	671.5	632.3
5°	885.0	884.1	872.9	872.9	*861.7*	851.5	835.6	803.0	765.7	717.2	649.1
7.5°	929.8	931.7	927.0	927.0	*920.5*	913.0	903.7	872.0	828.1	762.9	665.9
10°	945.7	946.6	946.6	953.1	*951.2*	950.3	949.4	931.7	886.0	809.5	683.6
12.5°	907.4	912.1	925.1	954.0	*963.4*	973.6	987.6	982.0	950.3	868.2	710.6
15°	784.3	785.2	821.6	893.4	*931.7*	970.8	1024.9	1036.1	1015.6	931.7	738.6
17.5°	647.2	650.0	678.9	759.1	*820.7*	911.1	1046.4	1092.1	1084.6	994.1	764.7
20°	590.3	594.1	608.1	658.4	*705.0*	789.0	1024.9	1145.2	1148.0	1056.6	789.0
22.5°	577.3	580.1	591.3	630.4	*659.3*	715.3	952.2	1187.2	1219.8	1128.4	817.9
25°	573.5	576.3	593.1	636.0	*663.1*	709.7	886.0	1209.6	1304.7	1203.0	845.9
27.5°	570.7	574.5	601.5	656.5	*688.3*	733.0	873.8	1214.2	1385.8	1282.3	891.6
30°	574.5	580.1	615.5	678.0	*714.4*	764.7	902.8	1218.9	1475.4	1372.8	949.4
32.5°	589.4	594.1	637.0	706.9	*748.9*	805.8	952.2	1246.9	1560.2	1465.1	1004.4
35°	606.2	612.7	664.0	747.9	*798.3*	862.7	1019.3	1301.9	1641.4	1552.8	1061.3
37.5°	626.7	634.2	695.7	794.6	*852.4*	925.1	1092.1	1378.4	1713.2	1624.6	1118.2
40°	654.7	663.1	732.1	844.0	*906.5*	979.2	1163.9	1453.9	1768.2	1667.5	1155.5
42.5°	764.7	775.9	804.8	892.5	*962.4*	1037.0	1234.8	1525.7	1788.7	1681.5	1162.9
45°	969.9	981.1	973.6	990.4	*1037.0*	1107.0	1312.2	1594.7	1791.5	1677.7	1159.2
47.5°	1176.0	1189.1	1182.5	1173.2	*1183.5*	1217.0	1398.9	1638.6	1776.6	1675.9	1159.2
50°	1372.8	1365.3	1366.3	1363.5	*1372.8*	1390.5	1482.8	1647.0	1772.9	1693.6	1169.5
52.5°	1478.2	1481.9	1505.2	1539.7	*1560.2*	1578.0	1578.9	1660.0	1745.8	1663.7	1157.4
55°	1581.7	1589.1	1643.2	1702.0	*1747.7*	1781.3	1674.9	1651.6	1584.5	1564.0	1093.9
57.5°	1698.3	1708.5	1785.0	1906.2	*1986.4*	2004.1	1770.1	1494.9	1341.1	1421.3	970.8
60°	1858.7	1870.8	1972.4	2154.3	*2273.7*	2237.3	1777.5	1245.9	1065.0	1179.7	801.1
62.5°	1984.6	2008.8	2192.5	2476.0	*2607.5*	2491.9	1638.6	955.0	744.2	829.1	584.7
65°	1850.3	1896.9	2196.3	2844.4	*2996.4*	2791.3	1420.3	651.9	419.7	536.2	374.0
67.5°	1495.9	1561.2	1950.1	3023.5	*3263.1*	2948.9	1118.2	346.0	240.6	311.5	196.8
68°	*1376.5*	*1447.4*	*1859.6*	*3023.5*	*3277.1*	*2934.9*	*1038.0*	*299.4*	*222.0*	*279.8*	*170.7*
70°	951.2	1001.6	1429.7	2853.7	*3195.1*	2675.6	683.6	171.6	166.9	192.1	112.8
72.5°	466.3	520.4	764.7	2261.5	*2602.9*	2056.4	311.5	113.8	126.8	140.8	88.6
75°	185.6	196.8	301.2	1115.4	*1626.4*	1312.2	163.2	85.8	109.1	110.0	69.9
77.5°	106.3	112.8	166.9	410.3	*609.9*	586.6	105.4	61.6	86.7	79.3	45.7
80°	59.7	60.6	94.2	216.4	*348.8*	312.4	71.8	44.8	66.2	56.0	30.8
82.5°	29.8	33.6	59.7	119.4	*194.0*	198.6	38.2	31.7	53.2	40.1	25.2
85°	21.4	23.3	42.9	66.2	*89.5*	134.3	23.3	15.9	40.1	27.0	17.7
87.5°	11.2	14.0	27.0	32.6	*36.4*	45.7	11.2	7.5	22.4	15.9	9.3
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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Scaled Data Report

REPORT NUMBER: P1459031
CATALOG NUMBER: GLAN-SB1A-850-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	613.6	613.6	613.6	613.6	613.6	613.6	613.6	613.6	613.6	613.6	613.6
2.5°	613.6	592.2	548.4	497.1	457.0	415.9	382.4	350.7	335.7	333.9	337.6
5°	610.8	564.2	464.4	366.5	286.3	230.4	199.6	183.7	175.3	171.6	172.5
7.5°	605.3	534.4	374.9	248.1	185.6	161.3	153.9	151.1	150.1	150.1	150.1
10°	599.7	494.3	287.2	181.9	152.0	145.5	143.6	143.6	142.7	142.7	143.6
12.5°	596.9	457.0	222.9	152.0	141.8	139.0	137.1	136.2	136.2	136.2	137.1
15°	590.3	415.9	180.0	140.8	135.2	131.5	130.6	129.6	129.6	129.6	129.6
17.5°	584.7	375.8	156.7	133.4	128.7	125.0	124.0	123.1	123.1	124.0	124.0
20°	576.3	337.6	140.8	125.9	122.2	118.4	117.5	116.6	117.5	117.5	117.5
22.5°	566.1	305.9	131.5	120.3	115.6	111.9	111.9	111.9	111.9	111.9	112.8
25°	559.6	283.5	125.0	113.8	109.1	106.3	105.4	105.4	107.2	107.2	108.2
27.5°	569.8	277.9	125.9	111.9	103.5	100.7	99.8	99.8	101.7	102.6	103.5
30°	600.6	288.2	137.1	117.5	99.8	95.1	94.2	94.2	97.0	97.9	98.9
32.5°	636.0	309.6	153.9	125.0	97.0	89.5	87.7	87.7	90.5	91.4	92.3
35°	684.5	343.2	176.3	131.5	98.9	83.9	80.2	80.2	82.1	83.9	84.9
37.5°	747.0	398.2	202.4	136.2	98.9	77.4	72.7	71.8	73.7	73.7	74.6
40°	812.3	470.0	229.4	136.2	94.2	70.9	66.2	63.4	64.3	63.4	64.3
42.5°	848.7	527.8	252.7	127.8	88.6	64.3	59.7	56.0	55.0	53.2	54.1
45°	869.2	554.0	246.2	118.4	83.0	59.7	54.1	49.4	47.6	44.8	44.8
47.5°	869.2	556.8	210.8	111.0	77.4	56.0	48.5	43.8	41.0	38.2	39.2
50°	858.9	531.6	166.9	103.5	70.9	52.2	43.8	40.1	36.4	34.5	34.5
52.5°	816.0	449.5	127.8	94.2	63.4	47.6	39.2	35.4	31.7	30.8	30.8
55°	742.3	330.1	103.5	84.9	56.9	43.8	35.4	32.6	28.9	27.0	27.0
57.5°	603.4	225.7	85.8	76.5	50.4	39.2	31.7	28.9	24.2	22.4	22.4
60°	447.6	147.3	72.7	67.1	42.9	35.4	28.0	24.2	20.5	18.7	17.7
62.5°	302.2	99.8	60.6	53.2	36.4	30.8	24.2	20.5	15.9	12.1	12.1
65°	188.4	77.4	50.4	42.0	31.7	27.0	20.5	15.9	11.2	8.4	7.5
67.5°	108.2	62.5	41.0	32.6	27.0	21.4	15.9	13.1	9.3	6.5	5.6
68°	*99.8*	*59.7*	*38.2*	*30.8*	*25.2*	*20.5*	*14.9*	*12.1*	*8.4*	*5.6*	*5.6*
70°	81.1	53.2	32.6	25.2	21.4	16.8	13.1	10.3	6.5	3.7	3.7
72.5°	71.8	44.8	28.0	19.6	14.9	14.0	10.3	7.5	4.7	2.8	1.9
75°	58.8	35.4	22.4	14.9	10.3	10.3	7.5	4.7	1.9	0.0	0.0
77.5°	38.2	26.1	17.7	9.3	5.6	6.5	4.7	1.9	0.0	0.0	0.0
80°	25.2	19.6	12.1	4.7	2.8	2.8	0.9	0.0	0.0	0.0	0.0
82.5°	17.7	13.1	7.5	1.9	0.9	0.9	0.0	0.0	0.0	0.0	0.0
85°	11.2	5.6	2.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.7	1.9	0.9	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: SP1-2407-184-12

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-850-U-5WQ

Data in this report applies to families of products including GSS-SB1A-850-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

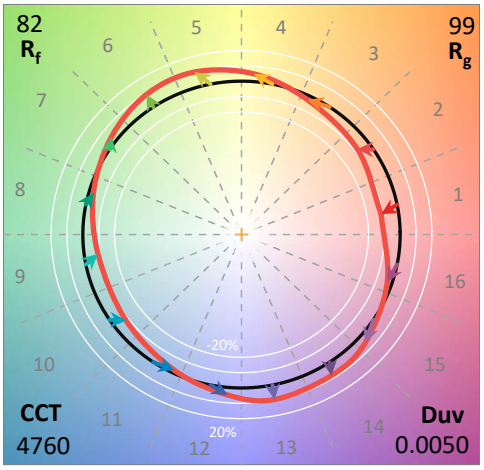
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-12
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-850-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 5000K CCT 26 LEDS

Spectral Parameters

CCT (K):	4760
CIE u':	0.2107
CIE v':	0.4939
Duv:	0.0050
CIE x:	0.3537
CIE y:	0.3685
CIE z:	0.2779
Peak Wavelength (nm):	443
Dominant Wavelength (nm):	571
Purity:	16.69598
Rf:	82
Rg:	99.4

CRI (Ra):	81.1
R1:	79.8
R2:	83.5
R3:	87.9
R4:	83.1
R5:	80.5
R6:	79.1
R7:	86.1
R8:	69.0
R9:	8.7
R10:	62.4
R11:	83.8
R12:	63.0
R13:	79.9
R14:	93.3
R15:	72.7



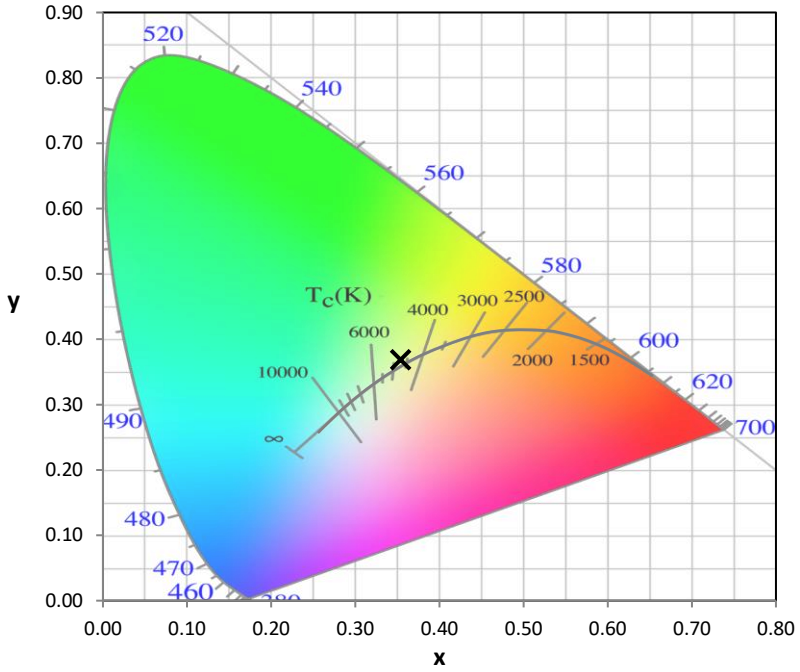
Test Conditions

Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

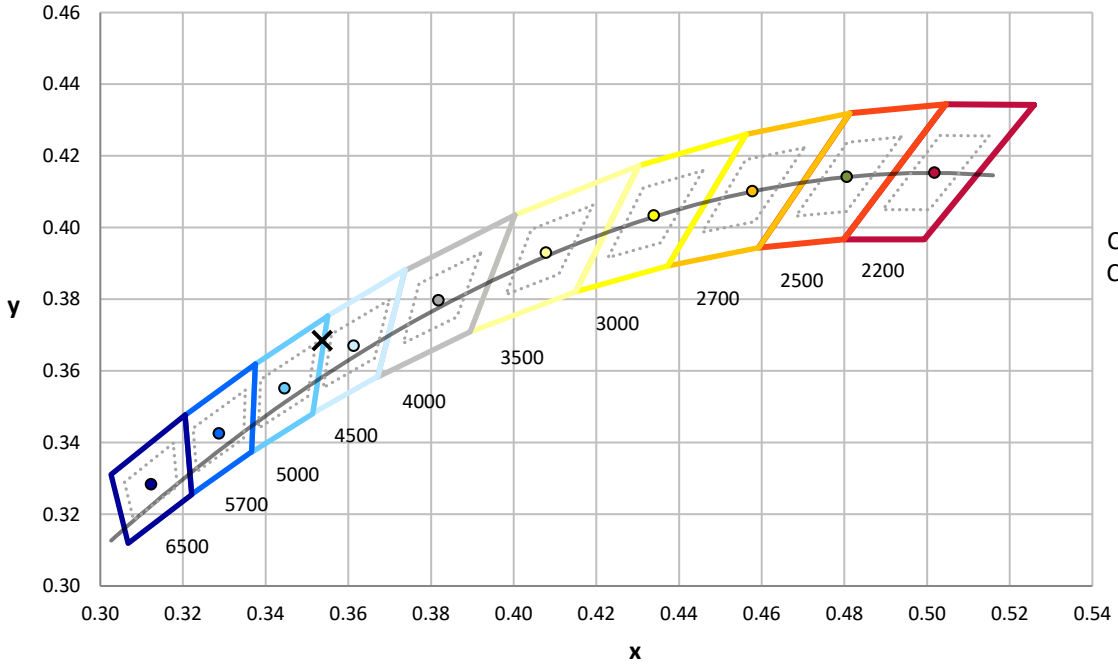
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-12

CIE 1931 Chromaticity Diagram



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

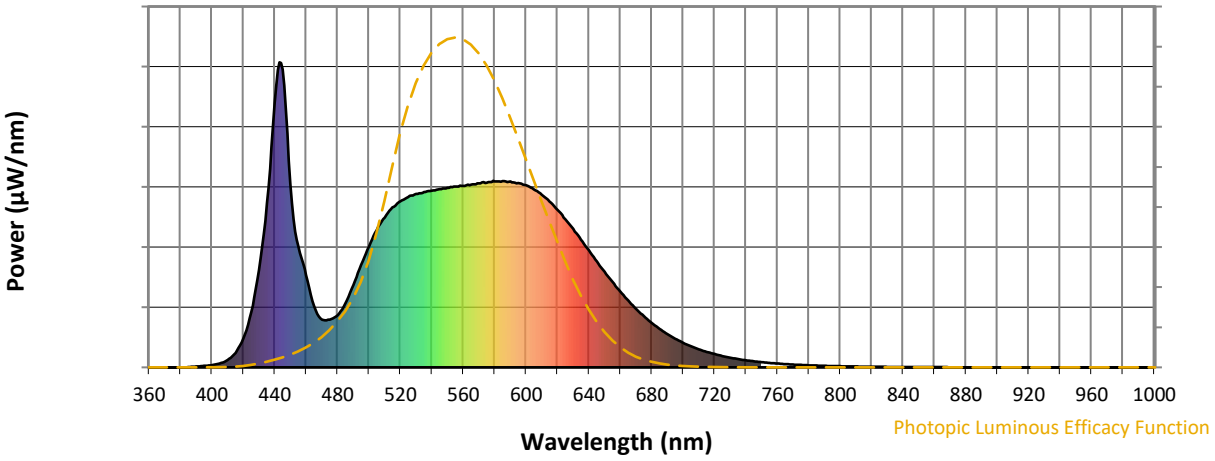


CCT = 4760K
CIE x = 0.3537
CIE y = 0.3685
Duv = 0.0050

Point lies inside the ANSI 5000K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-12

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

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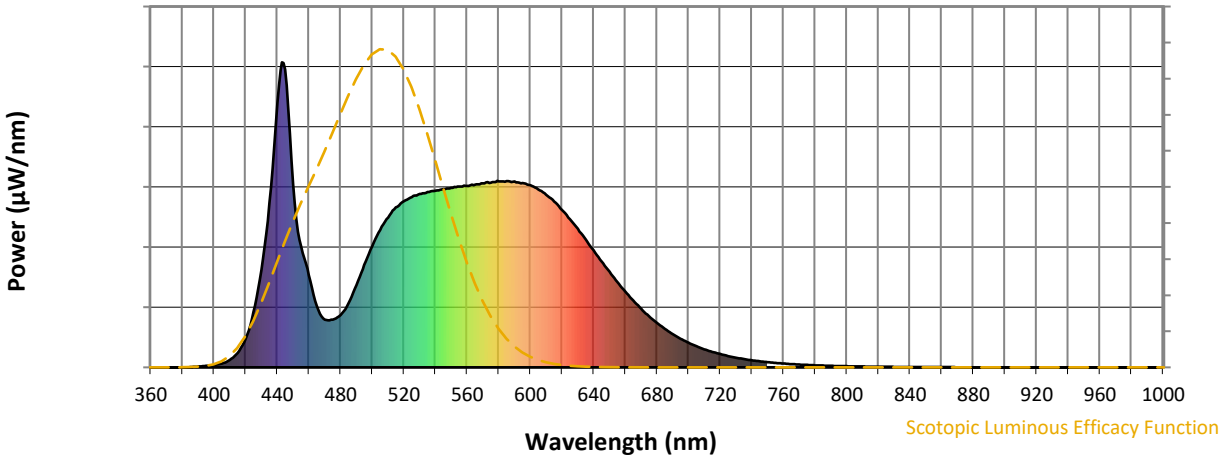
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.83**

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

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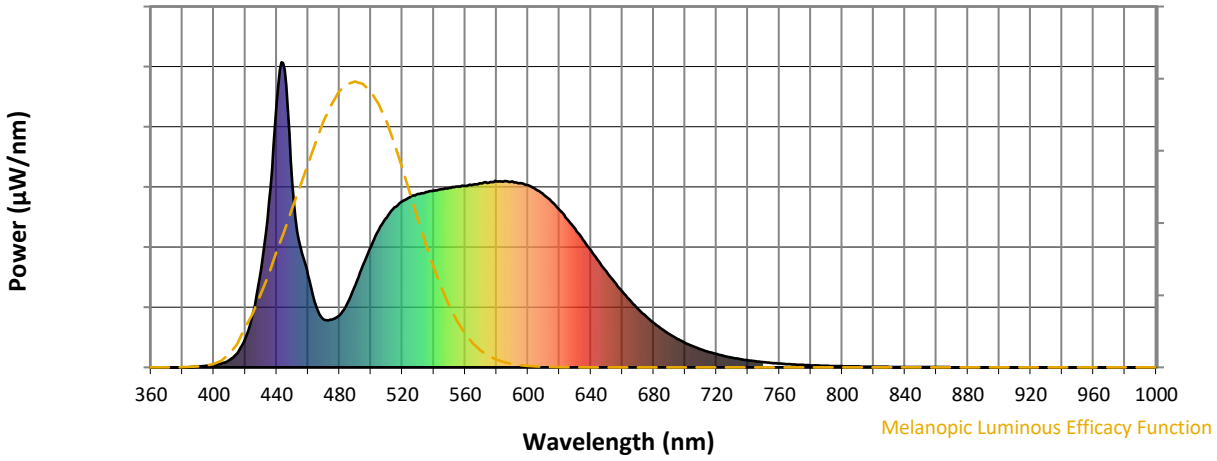
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.74**

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

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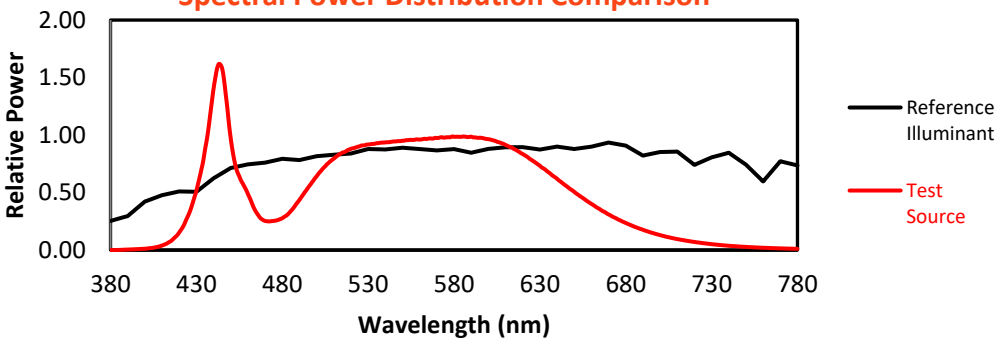
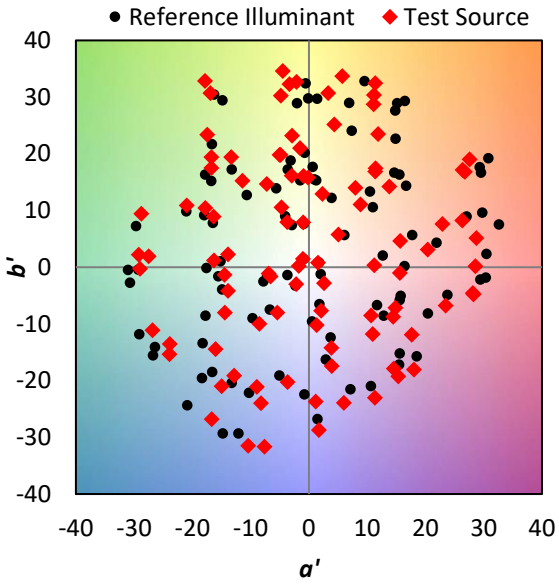
Summary

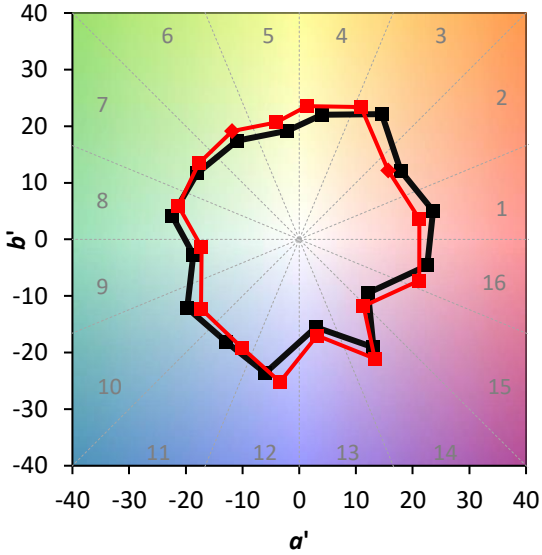
R_f = 82
R_g = 99.4
CIE R_a = 81.1
R_9 = 8.7

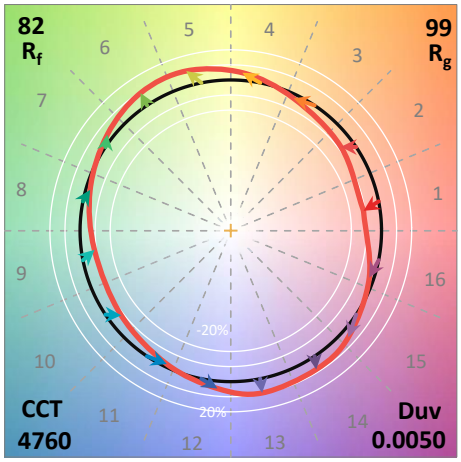
Spectral Power Distribution Comparison

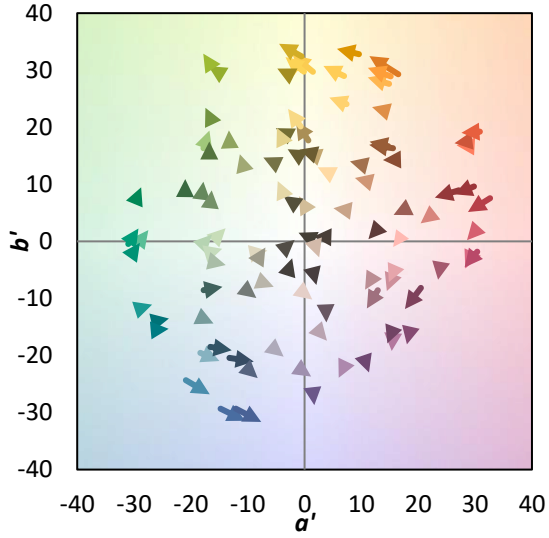


Color Vector Graphics









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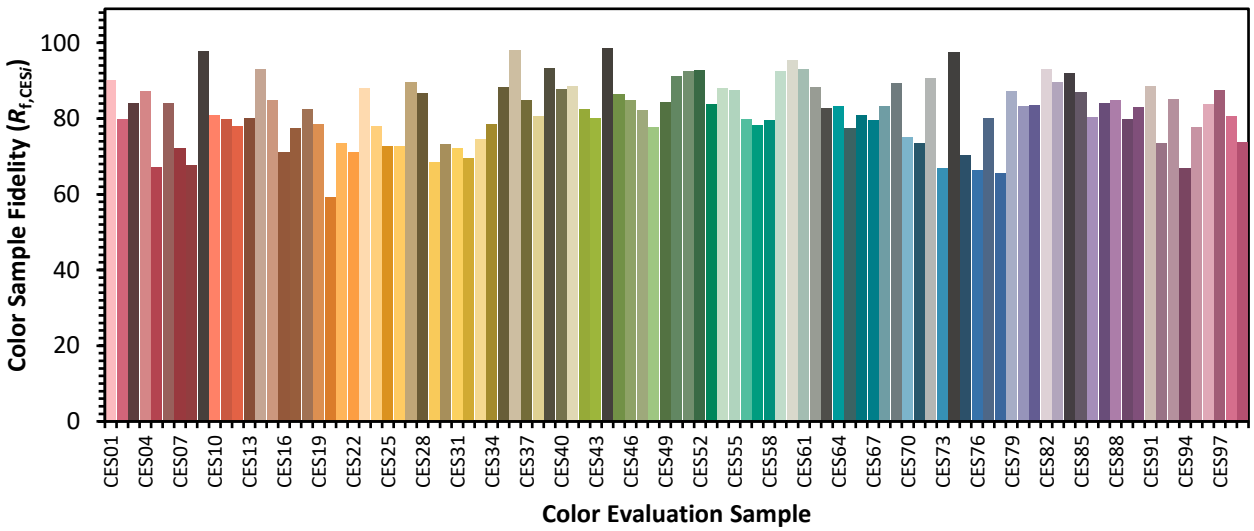
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 73	CES51 = 92	CES76 = 66
CES02 = 60	CES27 = 90	CES52 = 93	CES77 = 80
CES03 = 30	CES28 = 87	CES53 = 84	CES78 = 65
CES04 = 69	CES29 = 69	CES54 = 88	CES79 = 87
CES05 = 47	CES30 = 73	CES55 = 88	CES80 = 83
CES06 = 50	CES31 = 72	CES56 = 80	CES81 = 84
CES07 = 40	CES32 = 69	CES57 = 78	CES82 = 93
CES08 = 39	CES33 = 75	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 78	CES59 = 93	CES84 = 92
CES10 = 73	CES35 = 88	CES60 = 95	CES85 = 87
CES11 = 56	CES36 = 98	CES61 = 93	CES86 = 80
CES12 = 62	CES37 = 85	CES62 = 88	CES87 = 84
CES13 = 42	CES38 = 81	CES63 = 83	CES88 = 85
CES14 = 74	CES39 = 93	CES64 = 83	CES89 = 80
CES15 = 71	CES40 = 88	CES65 = 77	CES90 = 83
CES16 = 46	CES41 = 89	CES66 = 81	CES91 = 89
CES17 = 48	CES42 = 82	CES67 = 80	CES92 = 73
CES18 = 55	CES43 = 80	CES68 = 83	CES93 = 85
CES19 = 70	CES44 = 99	CES69 = 89	CES94 = 67
CES20 = 64	CES45 = 87	CES70 = 75	CES95 = 78
CES21 = 85	CES46 = 85	CES71 = 73	CES96 = 84
CES22 = 77	CES47 = 82	CES72 = 91	CES97 = 87
CES23 = 91	CES48 = 78	CES73 = 67	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 74
CES25 = 71	CES50 = 91	CES75 = 70	



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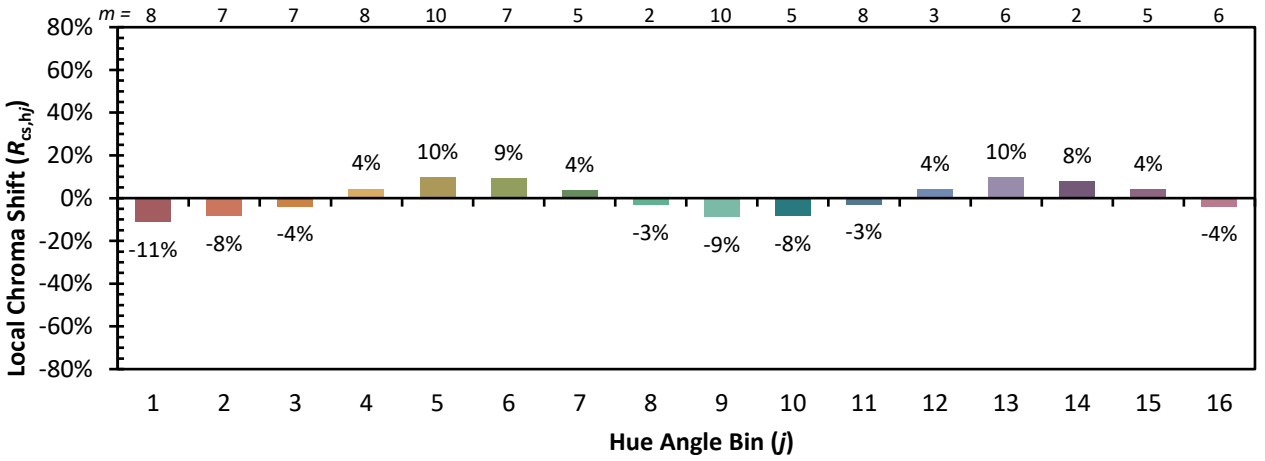
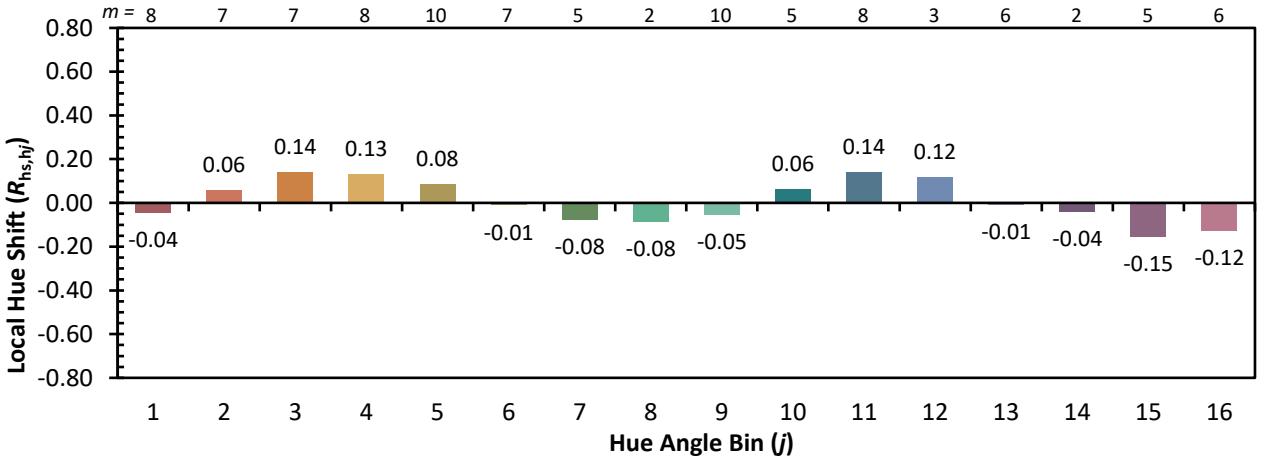
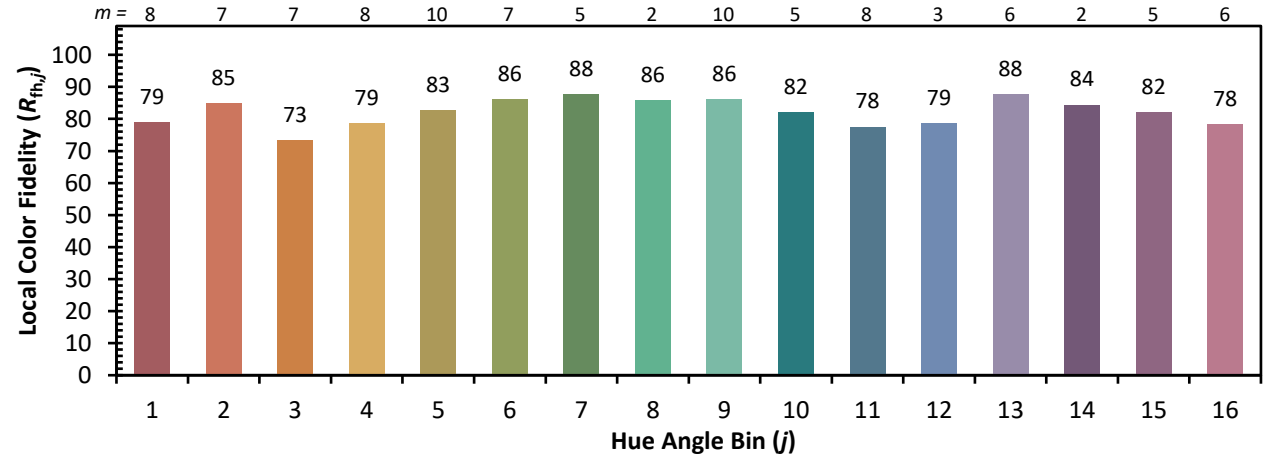
Color Rendition by Hue-Angle Bin







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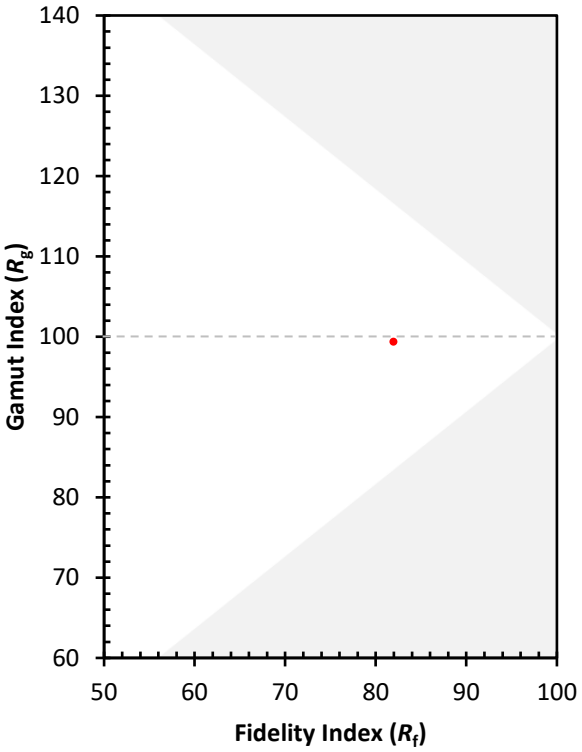
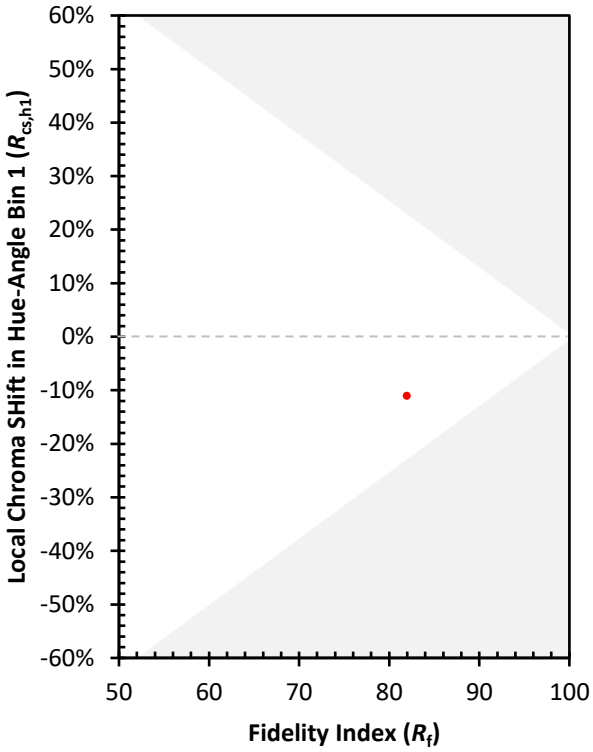
Measure Comparisons





(END OF REPORT)