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: P1457959

Luminaire Tested: GLAN-SB3A-930-U-T2LG-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:	P1457959
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB3A-930-U-T2LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 3xLight Square PACKAGE 90CRI 3000K FIXTURE w/ TYPE II LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(78) 3000K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6786.7 lumens
Efficiency:	N/A
Efficacy:	80.1 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B1 - U0 - G1

Input Watts (W):	84.7
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: P1457959
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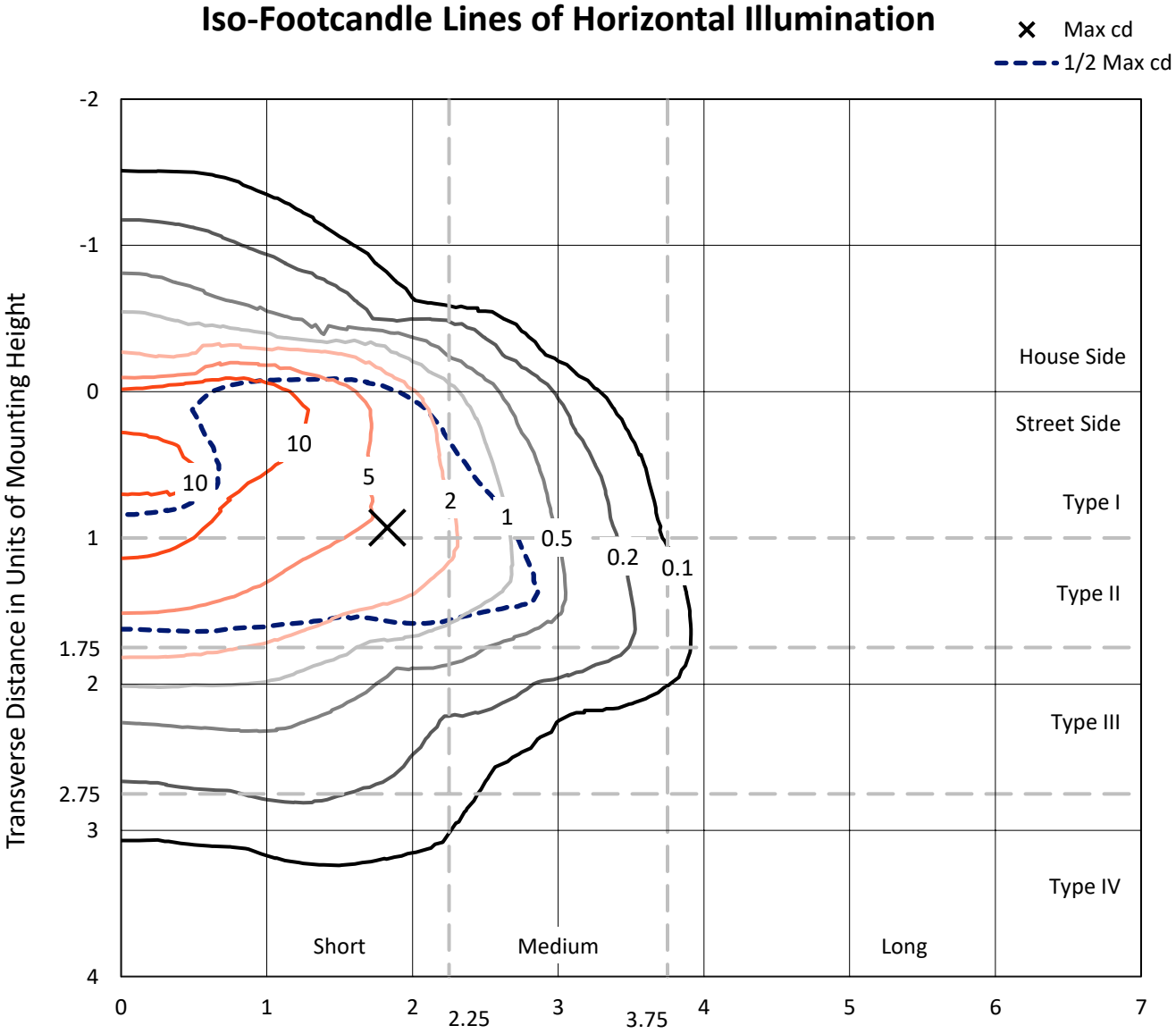
Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 19.5 fc
Type II - Short - N/A

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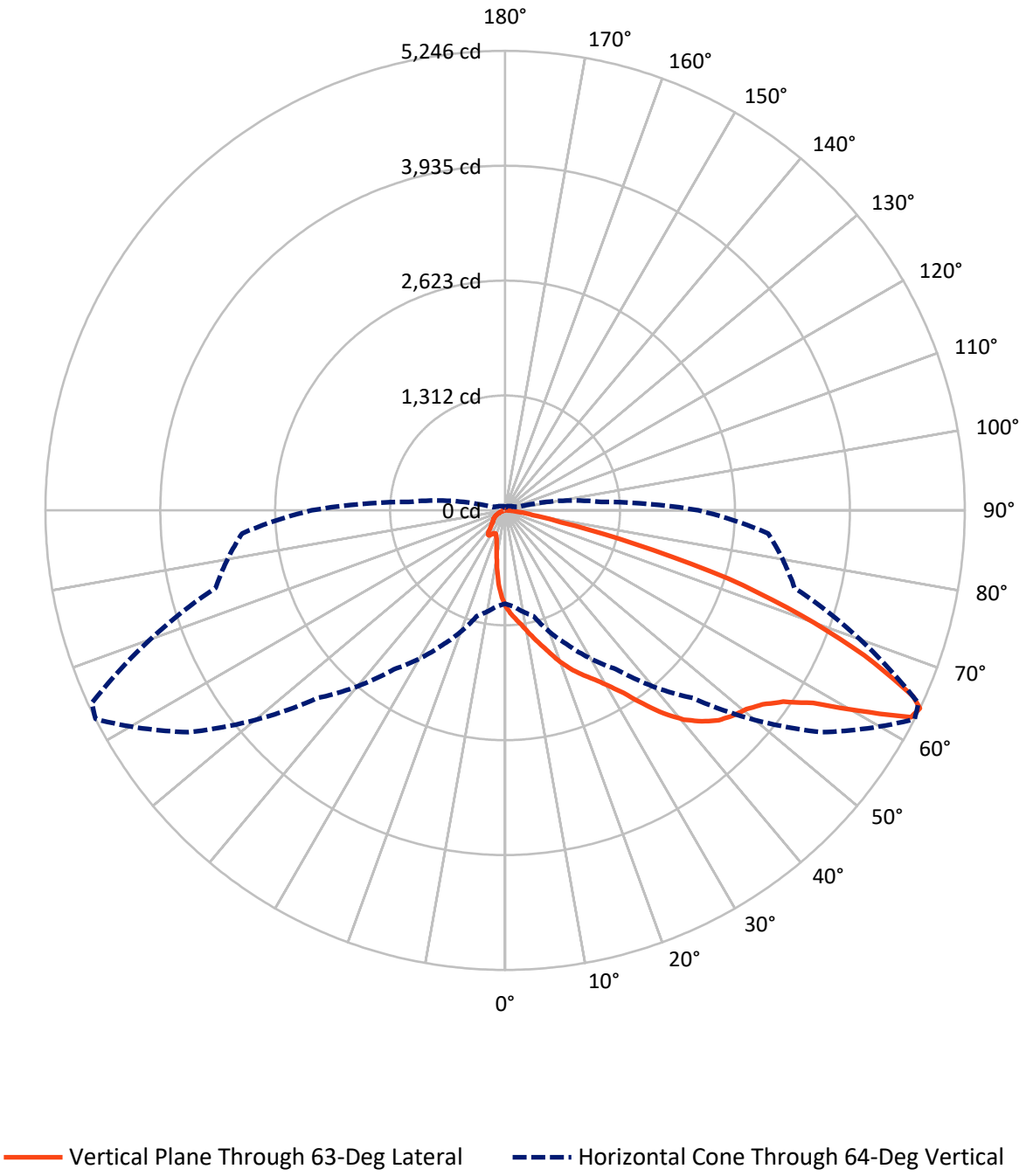
Luminous Intensity Polar Plot



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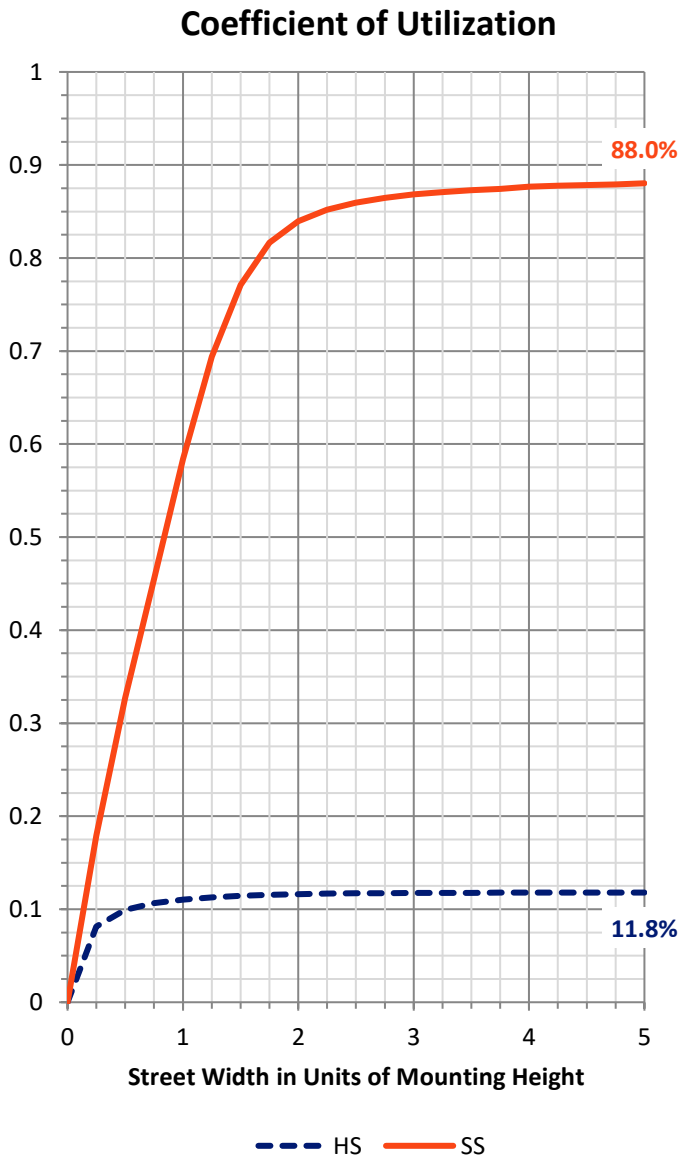
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	805.4	0.0	805.4
	% Fixture	11.9	0.0	11.9
Street Side	Lumens	5981.3	0.0	5981.3
	% Fixture	88.1	0.0	88.1
Total	Lumens	6786.7	0.0	6786.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	92.4	1.4
10°-20°	259.7	3.8
20°-30°	462.5	6.8
30°-40°	883.3	13.0
40°-50°	1464.2	21.6
50°-60°	1825.1	26.9
60°-70°	1360.9	20.1
70°-80°	390.3	5.8
80°-90°	48.3	0.7
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°	6786.7	100.0
0°-180°	6786.7	100.0



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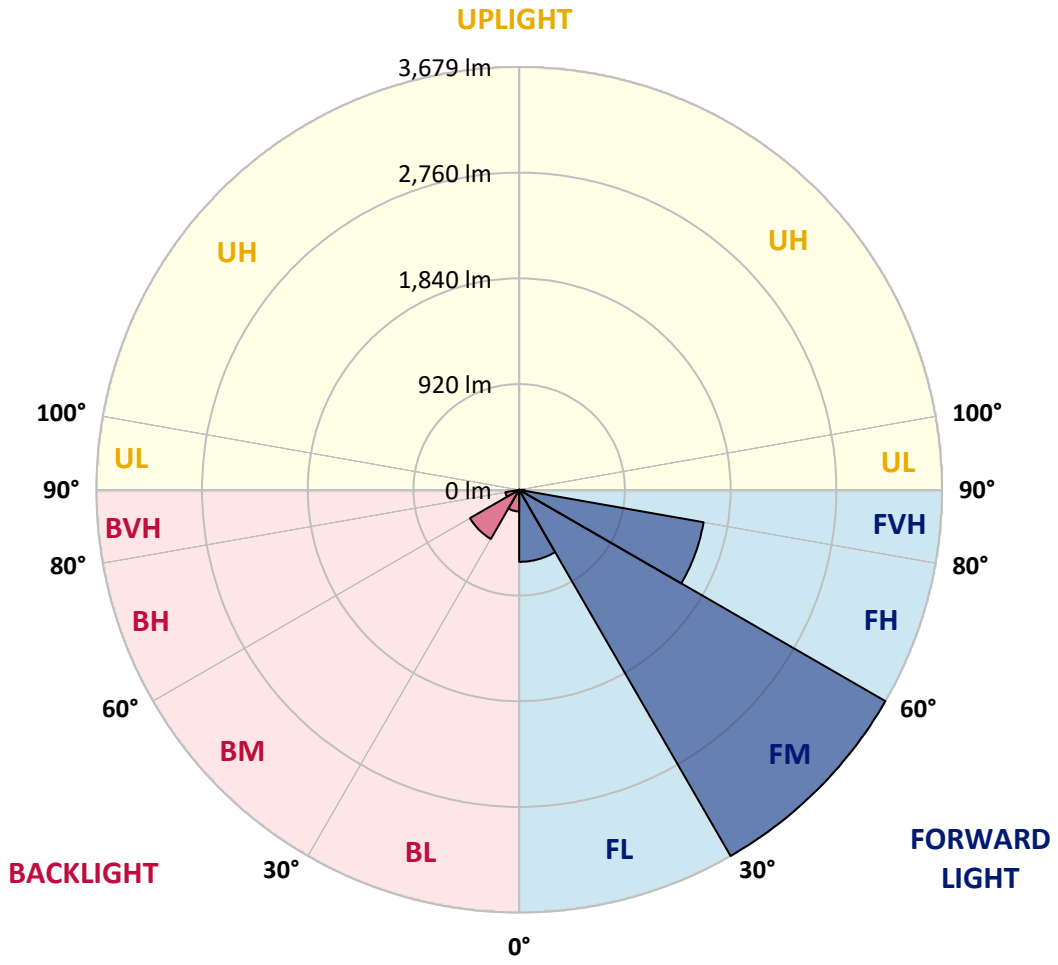
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	626.7	9.2			
FM	(30°-60°)	3679.3	54.2			
FH	(60°-80°)	1629.4	24.0			G1/1800
FVH	(80°-90°)	45.9	0.7			G1/100
BL	(0°-30°)	187.9	2.8	B1/500		
BM	(30°-60°)	493.3	7.3	B1/1000		
BH	(60°-80°)	121.8	1.8	B1/500		G1/500
BVH	(80°-90°)	2.4	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 II Short



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REPORT NUMBER: P1457959
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	63°	65°	75°	85°
0°	1097.3	1097.3	1097.3	1097.3	1097.3	1097.3	1097.3	*1097.3*	1097.3	1097.3	1097.3
2.5°	1229.7	1225.6	1221.5	1215.4	1207.3	1199.1	1188.9	*1174.7*	1168.6	1148.2	1123.8
5°	1292.8	1292.8	1290.7	1286.7	1282.6	1274.4	1262.2	*1243.9*	1235.8	1207.3	1164.5
7.5°	1309.1	1311.1	1317.2	1325.3	1337.6	1335.5	1335.5	*1315.2*	1311.1	1280.6	1223.6
10°	1280.6	1282.6	1298.9	1321.3	1357.9	1392.5	1417.0	*1404.7*	1398.6	1368.1	1296.8
12.5°	1239.8	1239.8	1266.3	1300.9	1357.9	1423.1	1494.3	*1506.5*	1508.6	1474.0	1388.5
15°	1134.0	1138.0	1180.8	1250.0	1343.7	1445.5	1565.6	*1612.4*	1624.6	1602.2	1500.4
17.5°	993.5	997.6	1040.3	1134.0	1274.4	1445.5	1626.7	*1734.6*	1750.8	1754.9	1642.9
20°	934.5	934.5	958.9	1030.1	1176.7	1406.8	1663.3	*1864.8*	1901.5	1946.3	1799.7
22.5°	942.6	942.6	956.9	997.6	1115.7	1353.8	1685.7	*1980.9*	2056.2	2170.2	2001.2
25°	987.4	987.4	999.6	1026.1	1121.8	1345.7	1728.4	*2084.7*	2204.8	2420.6	2231.3
27.5°	1058.6	1056.6	1066.8	1093.3	1180.8	1384.4	1799.7	*2188.5*	2322.9	2701.6	2496.0
30°	1162.5	1156.4	1160.4	1191.0	1276.5	1474.0	1903.5	*2320.9*	2457.3	3009.0	2789.1
32.5°	1402.7	1400.7	1341.6	1325.3	1417.0	1618.5	2046.0	*2485.8*	2638.5	3334.7	3090.4
35°	1836.3	1864.8	1781.4	1567.6	1585.9	1811.9	2249.6	*2709.7*	2850.2	3680.8	3418.2
37.5°	2276.1	2276.1	2241.5	1989.0	1860.8	2025.7	2469.5	*2939.8*	3086.4	3959.7	3733.8
40°	2624.2	2642.5	2601.8	2412.5	2245.6	2270.0	2689.4	*3141.3*	3275.7	4130.8	3957.7
42.5°	2882.8	2878.7	2862.4	2738.2	2644.6	2589.6	2888.9	*3292.0*	3420.2	4218.3	4098.2
45°	3161.7	3161.7	3139.3	3037.5	2960.1	2913.3	3037.5	*3418.2*	3552.6	4271.2	4185.7
47.5°	3452.8	3448.7	3426.3	3314.4	3230.9	3161.7	3188.2	*3499.6*	3634.0	4236.6	4200.0
50°	3524.1	3520.0	3570.9	3575.0	3499.6	3367.3	3308.3	*3568.9*	3686.9	4238.7	4244.8
52.5°	3440.6	3465.0	3540.4	3632.0	3717.5	3579.0	3436.5	*3678.8*	3800.9	4295.7	4356.7
55°	3232.9	3243.1	3387.7	3534.3	3733.8	3782.6	3642.2	*3853.9*	3961.8	4350.6	4456.5
57.5°	2846.1	2884.8	3039.5	3294.0	3597.4	3800.9	4000.5	*4147.0*	4228.5	4373.0	4401.5
60°	2147.8	2168.2	2504.1	2833.9	3314.4	3654.4	4334.3	*4643.8*	4633.6	4120.6	4016.7
62.5°	1307.0	1325.3	1565.6	2088.8	2693.4	3349.0	4446.3	*5199.6*	5144.6	3695.1	3381.6
64°	*1064.8*	*1099.4*	*1248.0*	*1695.9*	*2215.0*	*3029.4*	*4413.7*	*5246.4*	*5203.7*	*3420.2*	*3013.1*
65°	910.0	956.9	1109.5	1471.9	1883.2	2685.3	4324.2	*5116.1*	5087.6	3253.3	2707.7
67.5°	572.1	594.5	820.5	1144.2	1296.8	1718.3	3717.5	*4423.9*	4474.8	2899.1	1997.2
70°	425.5	435.7	563.9	885.6	1011.8	999.6	2553.0	*3583.1*	3595.3	2318.8	1205.2
72.5°	309.5	311.5	395.0	655.5	791.9	682.0	1345.7	*2662.9*	2575.4	1357.9	657.6
75°	205.6	213.8	276.9	462.1	616.9	500.8	612.8	*1516.7*	1490.2	663.7	376.6
77.5°	150.7	152.7	187.3	309.5	484.5	368.5	370.5	*653.5*	673.9	395.0	238.2
80°	85.5	89.6	122.2	189.3	315.6	252.4	207.7	*315.6*	362.4	268.7	158.8
82.5°	50.9	55.0	87.5	124.2	215.8	103.8	105.9	*173.0*	215.8	193.4	85.5
85°	30.5	32.6	55.0	67.2	128.3	69.2	38.7	*85.5*	112.0	114.0	46.8
87.5°	20.4	20.4	30.5	28.5	36.6	32.6	16.3	*22.4*	28.5	38.7	18.3
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

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CATALOG NUMBER: GLAN-SB3A-930-U-T2LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1097.3	1097.3	1097.3	1097.3	1097.3	1097.3	1097.3	1097.3	1097.3	1097.3	1097.3
2.5°	1103.4	1091.2	1054.6	1005.7	960.9	926.3	883.6	855.1	828.6	828.6	806.2
5°	1129.9	1097.3	1007.7	895.8	775.7	661.7	588.4	506.9	480.5	458.1	462.1
7.5°	1174.7	1115.7	956.9	755.3	563.9	441.8	360.3	323.7	307.4	297.2	299.3
10°	1229.7	1148.2	895.8	612.8	415.3	323.7	285.0	270.8	264.7	262.6	262.6
12.5°	1305.0	1186.9	834.7	492.7	327.8	278.9	258.6	250.4	244.3	240.2	240.2
15°	1394.6	1235.8	763.4	405.1	287.1	256.5	240.2	232.1	223.9	221.9	221.9
17.5°	1508.6	1286.7	700.3	348.1	266.7	240.2	223.9	213.8	207.7	205.6	205.6
20°	1634.8	1349.8	637.2	315.6	252.4	223.9	207.7	199.5	193.4	189.3	191.4
22.5°	1795.6	1429.2	596.5	299.3	240.2	209.7	193.4	185.3	179.2	175.1	177.1
25°	1972.7	1528.9	574.1	299.3	232.1	199.5	181.2	173.0	166.9	162.9	162.9
27.5°	2188.5	1640.9	576.1	311.5	230.1	191.4	171.0	162.9	156.8	150.7	150.7
30°	2426.7	1773.2	598.5	333.9	234.1	183.2	162.9	150.7	146.6	140.5	140.5
32.5°	2679.2	1925.9	655.5	362.4	230.1	173.0	150.7	140.5	134.4	130.3	130.3
35°	2945.9	2099.0	726.8	374.6	209.7	158.8	140.5	130.3	126.2	124.2	122.2
37.5°	3200.4	2249.6	765.5	350.2	183.2	146.6	128.3	118.1	116.0	112.0	112.0
40°	3397.8	2373.8	743.1	299.3	169.0	134.4	118.1	107.9	103.8	99.8	99.8
42.5°	3513.9	2418.6	661.7	254.5	158.8	122.2	107.9	97.7	93.6	91.6	91.6
45°	3581.1	2412.5	566.0	228.0	148.6	112.0	97.7	91.6	85.5	83.5	81.4
47.5°	3579.0	2349.4	496.7	205.6	138.4	103.8	91.6	85.5	79.4	77.4	77.4
50°	3564.8	2255.7	419.4	189.3	130.3	97.7	85.5	81.4	75.3	73.3	71.3
52.5°	3599.4	2202.8	350.2	179.2	120.1	93.6	83.5	77.4	69.2	67.2	67.2
55°	3642.2	2172.3	280.9	169.0	112.0	91.6	79.4	73.3	65.1	63.1	63.1
57.5°	3518.0	2056.2	232.1	152.7	101.8	87.5	75.3	71.3	63.1	57.0	57.0
60°	3127.1	1699.9	191.4	134.4	93.6	81.4	71.3	65.1	57.0	48.9	48.9
62.5°	2542.8	1296.8	158.8	114.0	87.5	75.3	65.1	59.0	48.9	38.7	38.7
64°	*2208.9*	*1101.4*	*142.5*	*99.8*	*83.5*	*69.2*	*59.0*	*52.9*	*42.8*	*32.6*	*30.5*
65°	1980.9	973.1	132.3	93.6	81.4	65.1	57.0	50.9	38.7	30.5	28.5
67.5°	1394.6	653.5	105.9	77.4	71.3	55.0	48.9	42.8	34.6	26.5	24.4
70°	812.3	370.5	83.5	65.1	55.0	42.8	40.7	38.7	30.5	20.4	20.4
72.5°	441.8	185.3	63.1	52.9	42.8	30.5	34.6	30.5	24.4	16.3	14.3
75°	270.8	114.0	46.8	38.7	28.5	22.4	26.5	22.4	14.3	10.2	8.1
77.5°	181.2	73.3	34.6	26.5	18.3	14.3	18.3	12.2	6.1	2.0	2.0
80°	112.0	50.9	22.4	16.3	10.2	6.1	4.1	2.0	2.0	0.0	0.0
82.5°	48.9	32.6	12.2	8.1	4.1	2.0	2.0	0.0	0.0	0.0	0.0
85°	26.5	10.2	4.1	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	8.1	4.1	2.0	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: SP1-2407-184-14

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-930-U-5WQ

Data in this report applies to families of products including GSS-SB1A-930-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

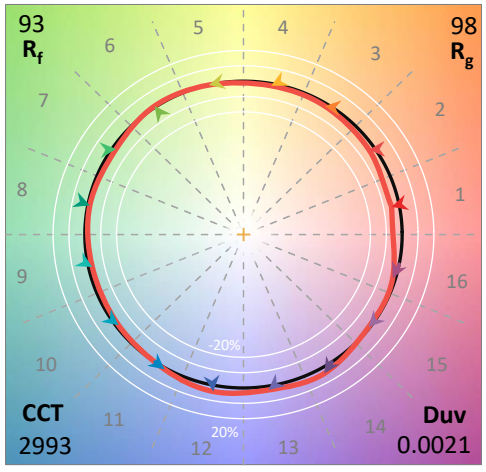
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-14
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-930-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K):	2993
CIE u':	0.2501
CIE v':	0.5245
Duv:	0.0021
CIE x:	0.4406
CIE y:	0.4107
CIE z:	0.1487
Peak Wavelength (nm):	621
Dominant Wavelength (nm):	582
Purity:	55.53327
Rf:	92.6
Rg:	98.5

CRI (Ra):	92.4
R1:	92.2
R2:	95.2
R3:	97.0
R4:	93.1
R5:	91.7
R6:	94.2
R7:	93.3
R8:	82.3
R9:	58.2
R10:	87.7
R11:	93.5
R12:	81.7
R13:	92.9
R14:	97.6
R15:	88.1



Test Conditions

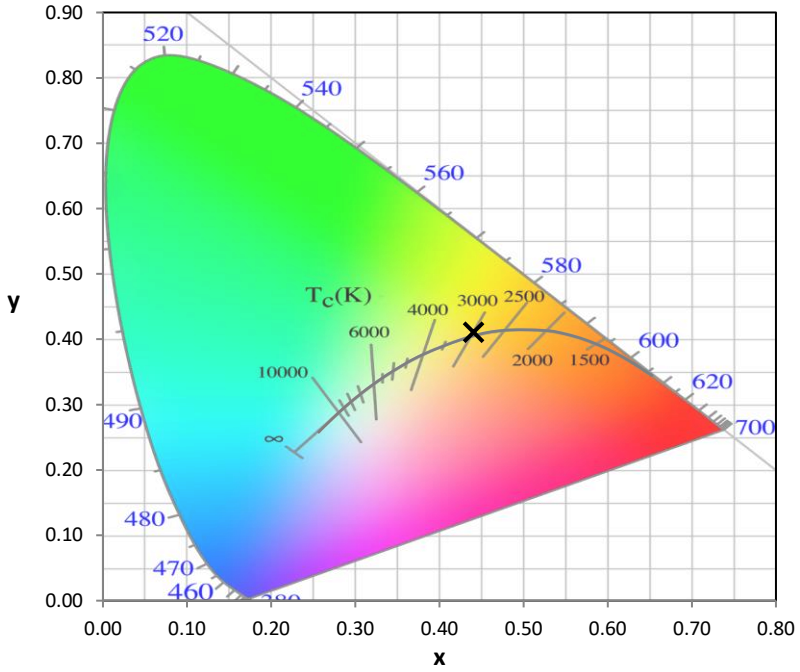
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-14

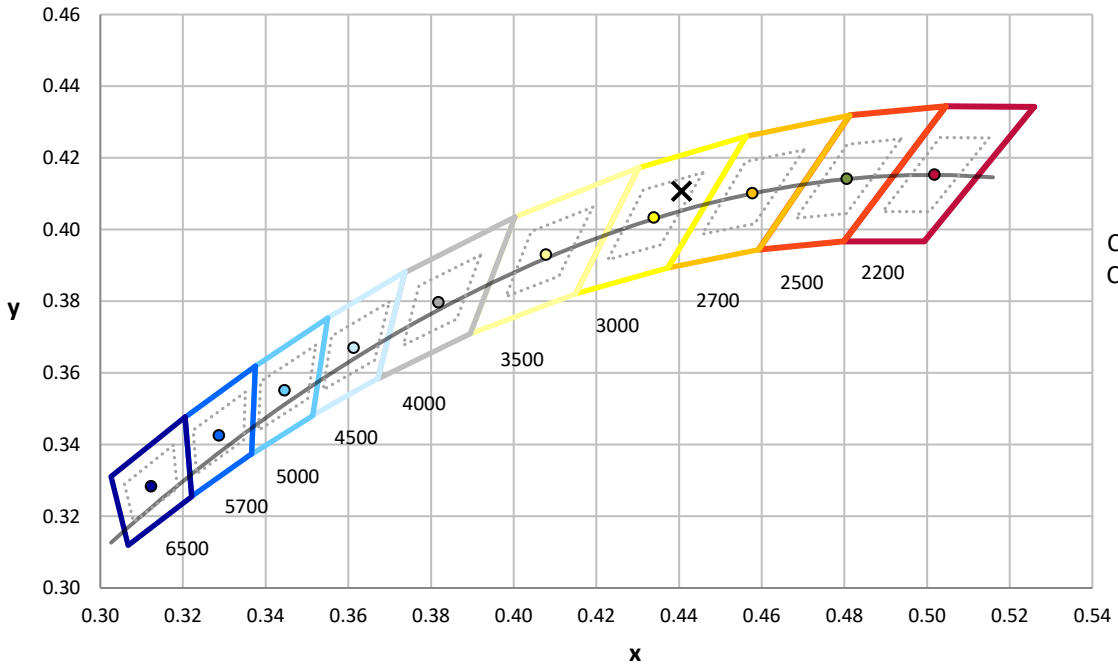
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-14

CIE 1931 Chromaticity Diagram



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

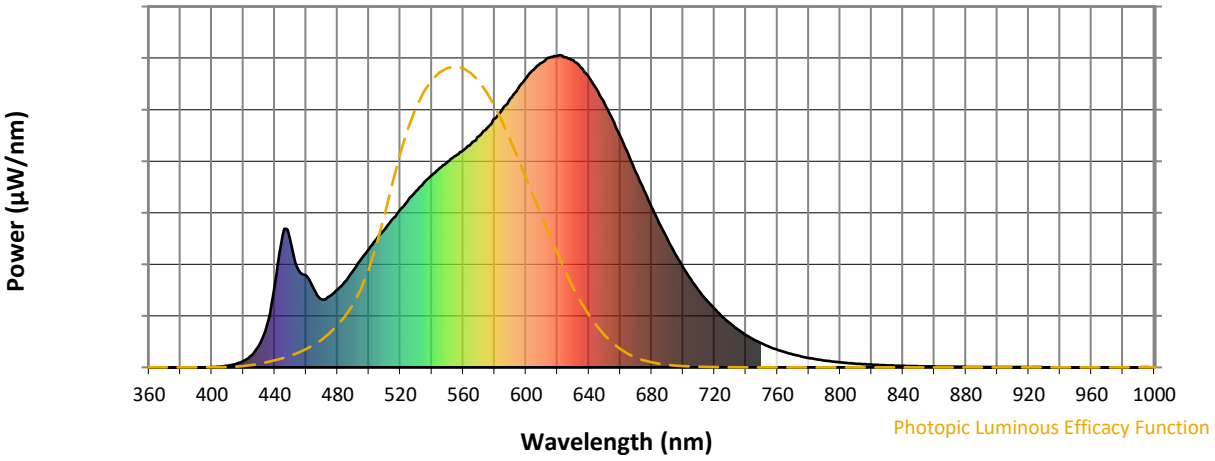


CCT = 2993K
CIE x = 0.4406
CIE y = 0.4107
Duv = 0.0021

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-14

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	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

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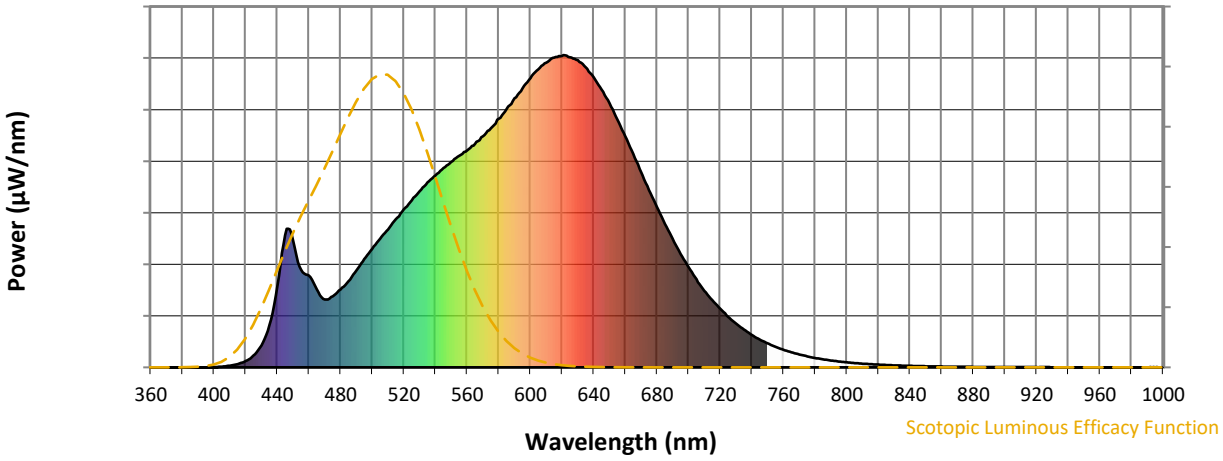
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.39**

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	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

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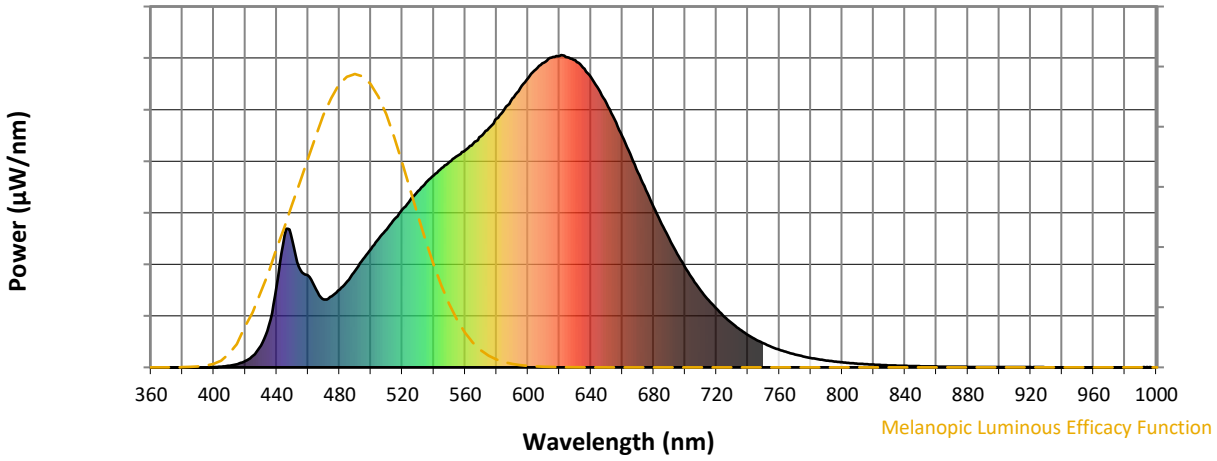
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.69**

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	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

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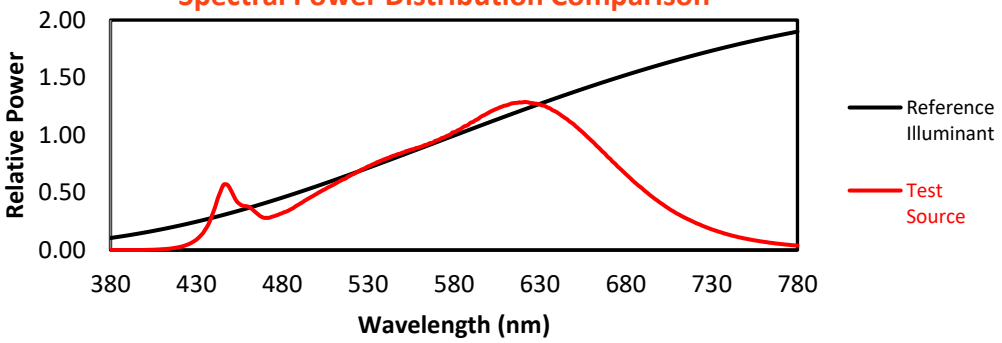
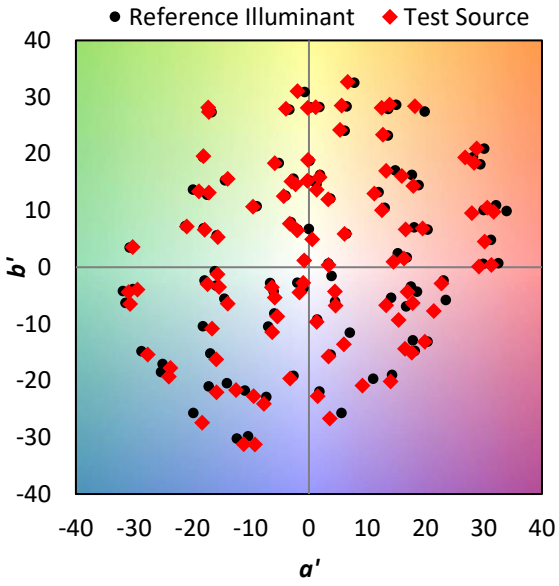
Summary

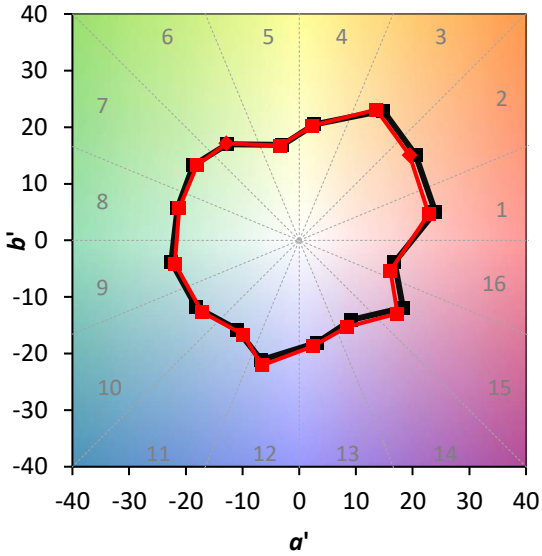
R_f = 92.6
R_g = 98.5
CIE R_a = 92.4
R_9 = 58.2

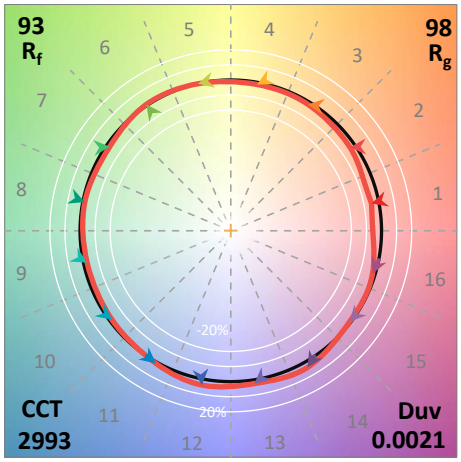
Spectral Power Distribution Comparison

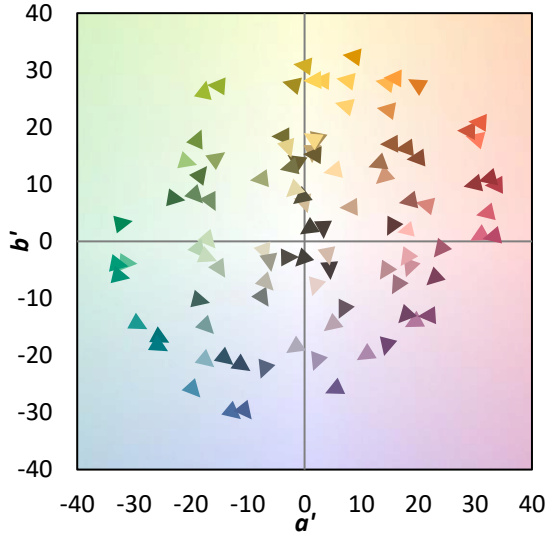


Color Vector Graphics









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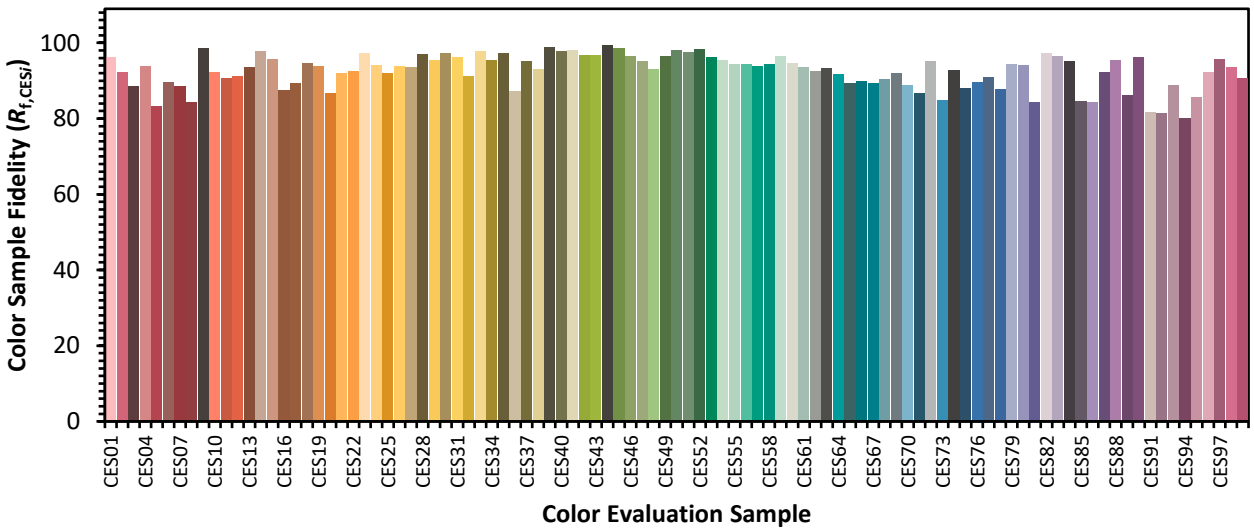
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 63	CES27 = 94	CES52 = 98	CES77 = 91
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 88
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 94
CES05 = 51	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 84
CES07 = 43	CES32 = 91	CES57 = 94	CES82 = 97
CES08 = 42	CES33 = 98	CES58 = 94	CES83 = 97
CES09 = 29	CES34 = 96	CES59 = 97	CES84 = 95
CES10 = 76	CES35 = 97	CES60 = 95	CES85 = 85
CES11 = 59	CES36 = 87	CES61 = 94	CES86 = 84
CES12 = 65	CES37 = 95	CES62 = 92	CES87 = 92
CES13 = 44	CES38 = 93	CES63 = 93	CES88 = 95
CES14 = 74	CES39 = 99	CES64 = 92	CES89 = 86
CES15 = 72	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 48	CES41 = 98	CES66 = 90	CES91 = 82
CES17 = 50	CES42 = 97	CES67 = 89	CES92 = 81
CES18 = 57	CES43 = 97	CES68 = 90	CES93 = 89
CES19 = 72	CES44 = 99	CES69 = 92	CES94 = 80
CES20 = 67	CES45 = 99	CES70 = 89	CES95 = 86
CES21 = 86	CES46 = 96	CES71 = 87	CES96 = 92
CES22 = 79	CES47 = 95	CES72 = 95	CES97 = 96
CES23 = 92	CES48 = 93	CES73 = 85	CES98 = 94
CES24 = 91	CES49 = 97	CES74 = 93	CES99 = 91
CES25 = 72	CES50 = 98	CES75 = 88	



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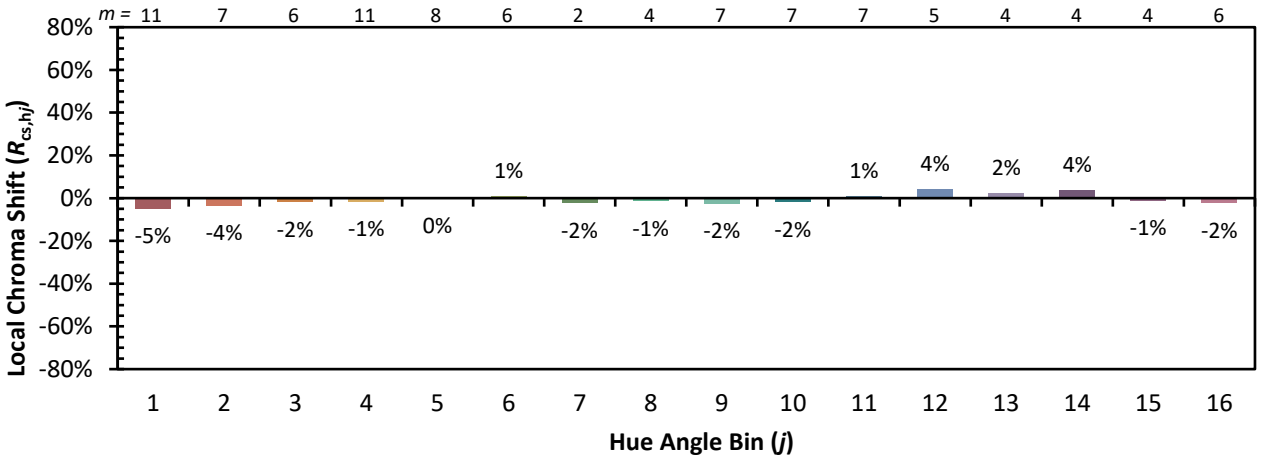
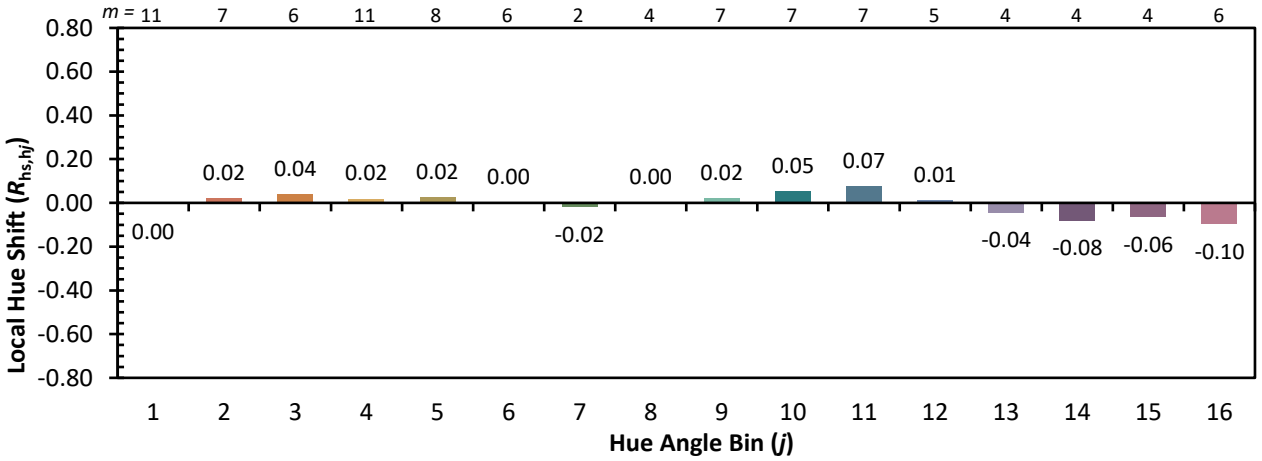
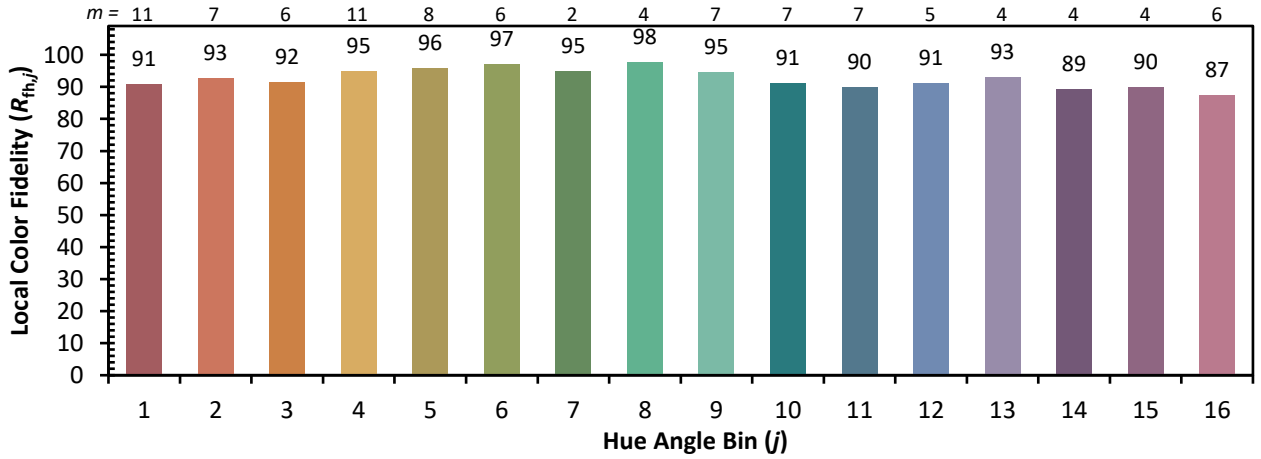
Color Rendition by Hue-Angle Bin







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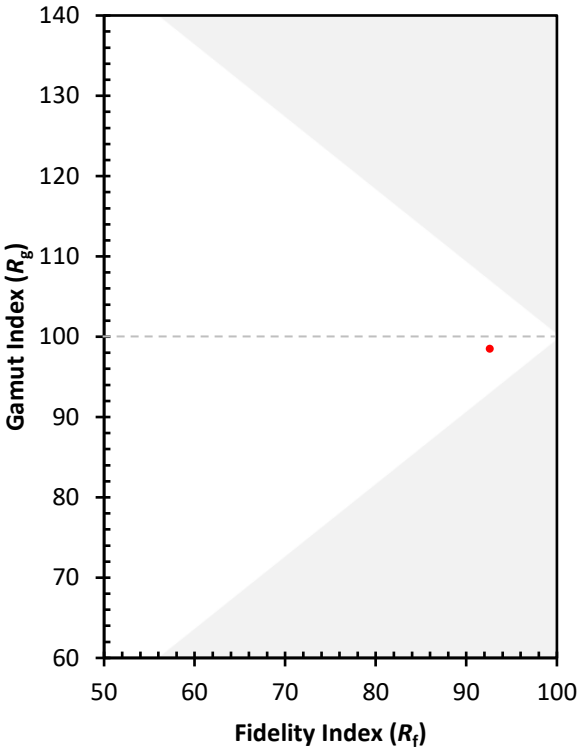
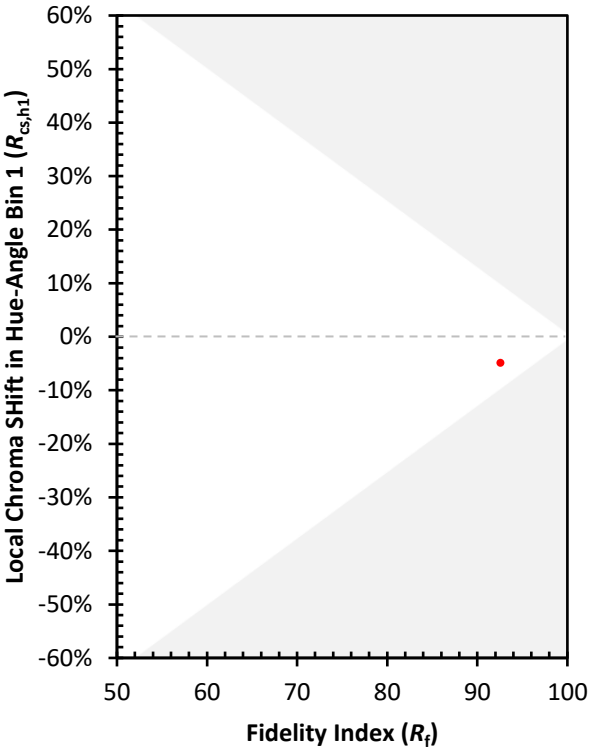
Measure Comparisons





(END OF REPORT)