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: P1459155

Luminaire Tested: GLAN-SB5A-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:	P1459155
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB5A-935-U-T4LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 5xLight Square PACKAGE 90CRI 3500K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(130) 3500K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	11438.4 lumens
Efficiency:	N/A
Efficacy:	80.7 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G2

Input Watts (W):	141.7
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: P1459155
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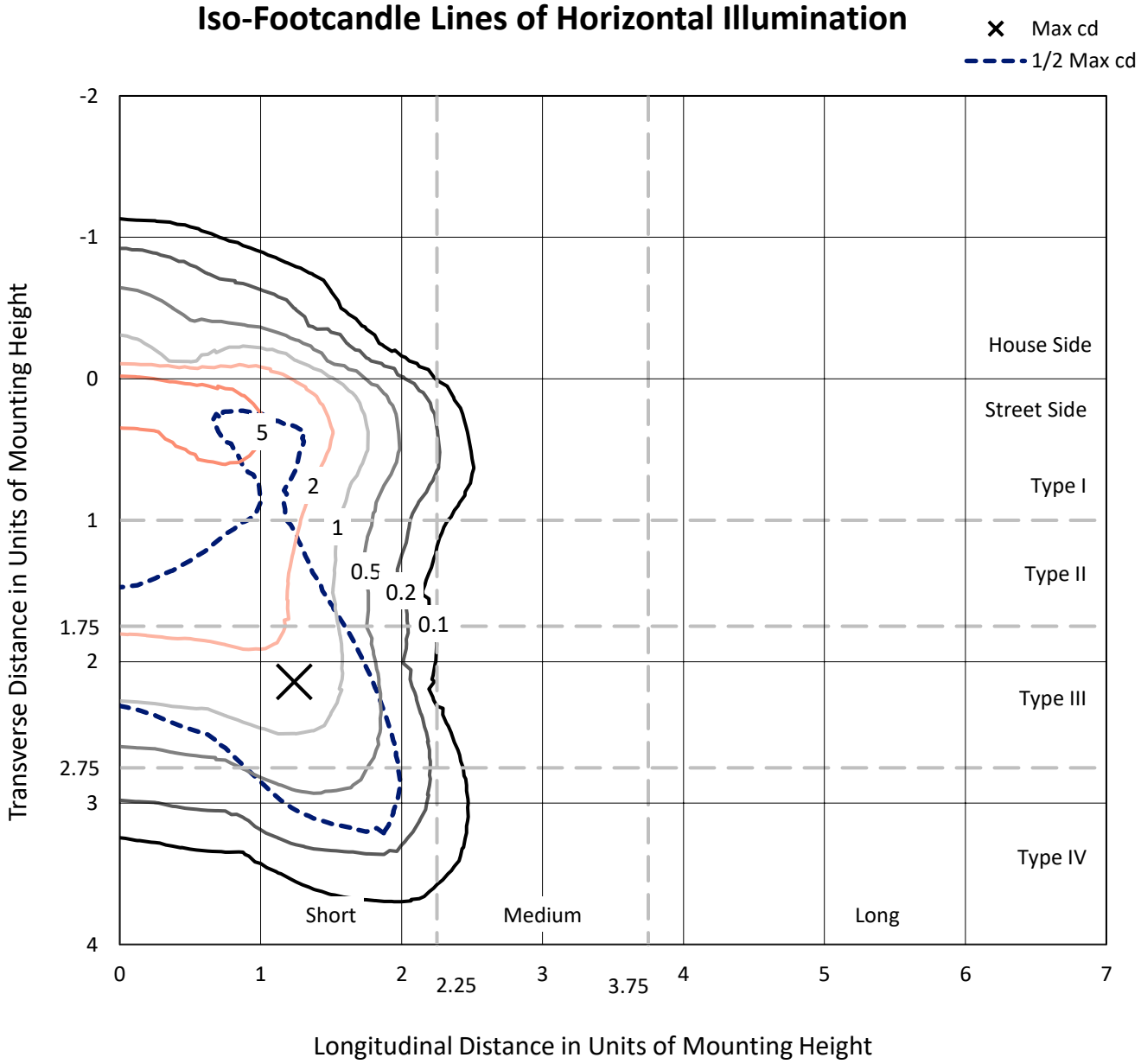
Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 8.6 fc
Type IV - Short - N/A

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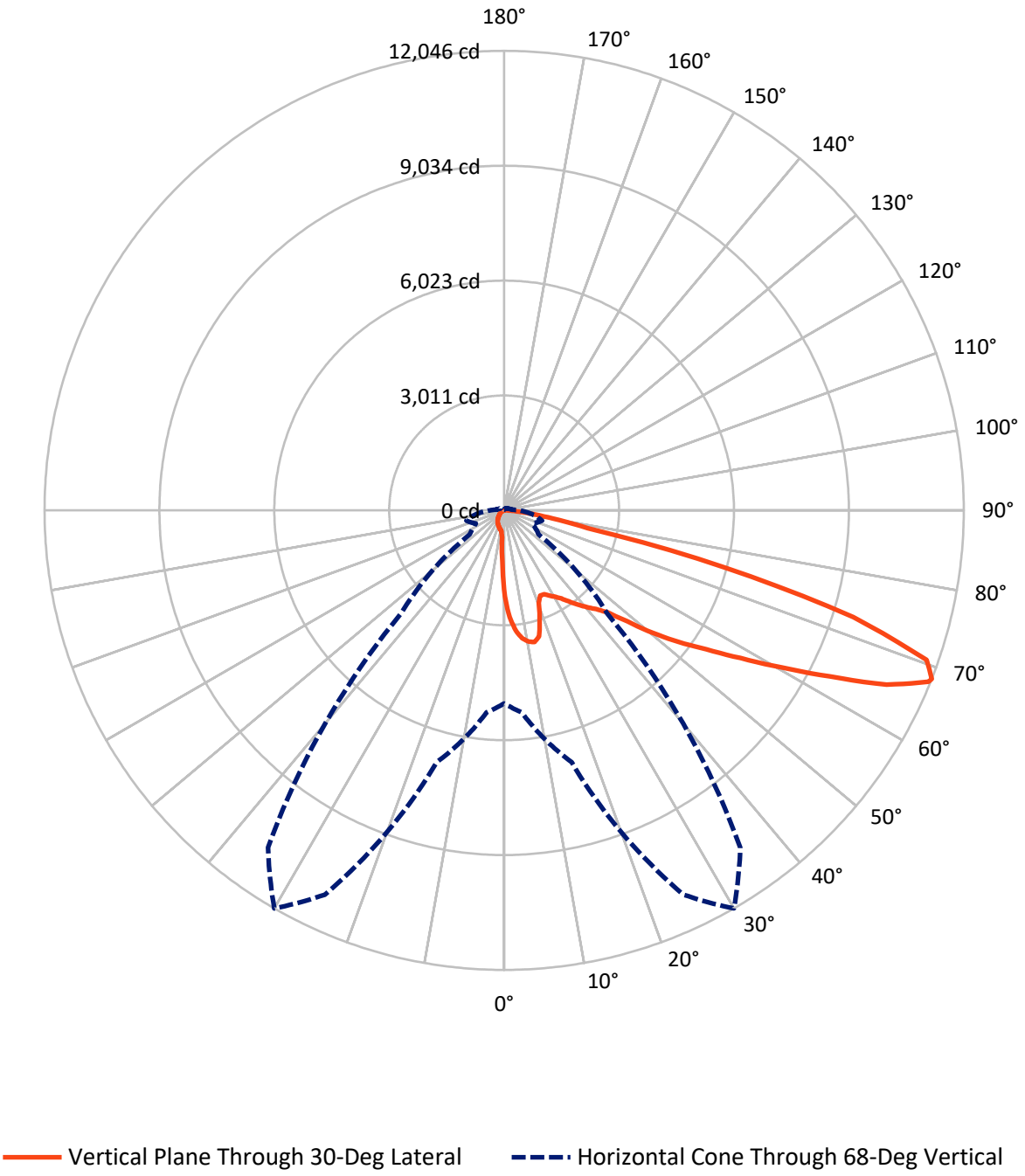
Luminous Intensity Polar Plot



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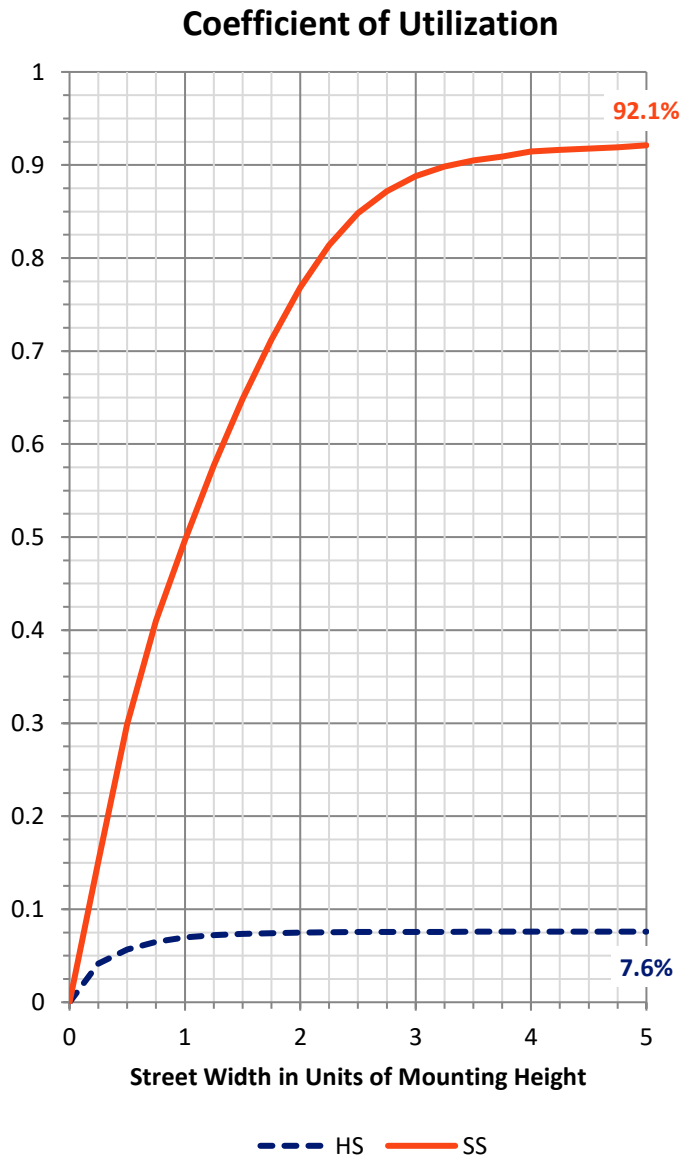
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	873.0	0.0	873.0
	% Fixture	7.6	0.0	7.6
Street Side	Lumens	10565.4	0.0	10565.4
	% Fixture	92.4	0.0	92.4
Total	Lumens	11438.4	0.0	11438.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	194.6	1.7
10°-20°	555.6	4.9
20°-30°	873.2	7.6
30°-40°	1369.5	12.0
40°-50°	2047.0	17.9
50°-60°	2723.2	23.8
60°-70°	2632.5	23.0
70°-80°	946.3	8.3
80°-90°	96.6	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°	11438.4	100.0
0°-180°	11438.4	100.0



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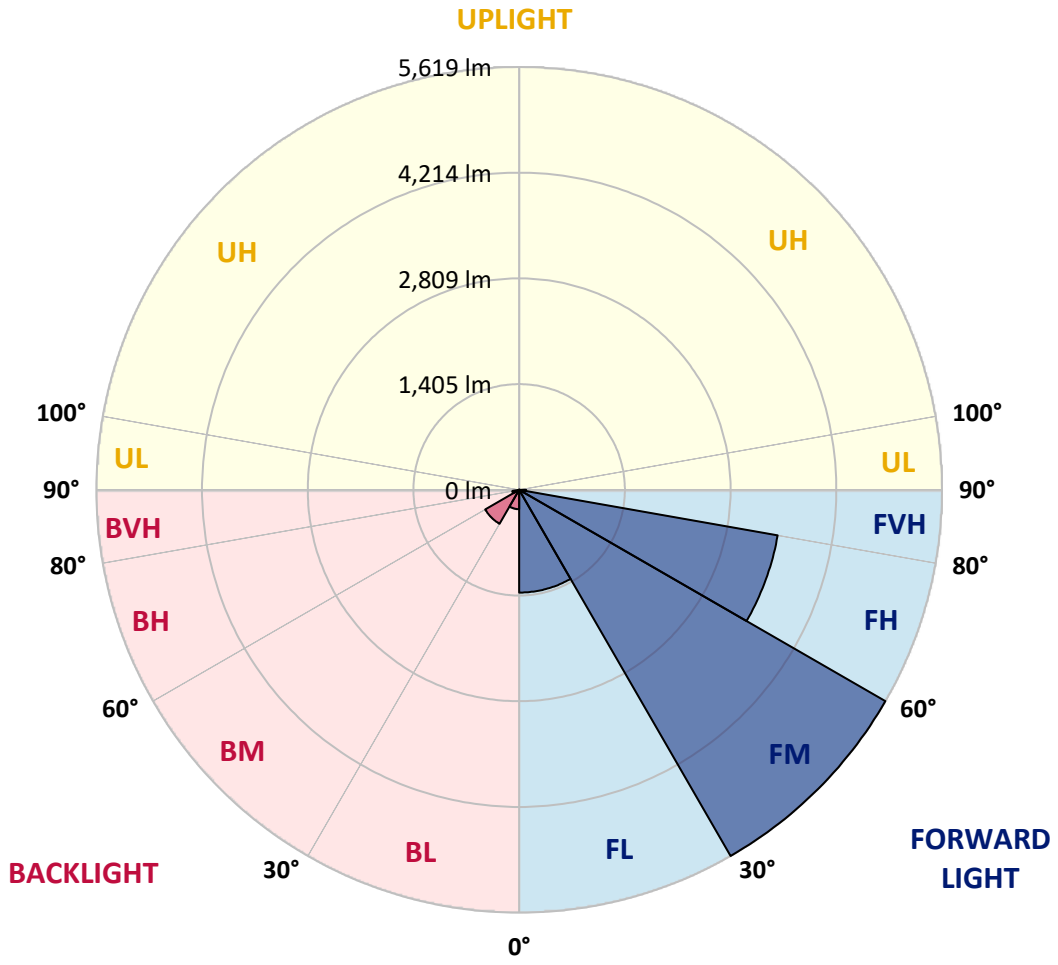
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1365.8	11.9			
FM	(30°-60°)	5618.6	49.1			
FH	(60°-80°)	3487.9	30.5			G2/5000
FVH	(80°-90°)	93.1	0.8			G1/100
BL	(0°-30°)	257.7	2.3	B1/500		
BM	(30°-60°)	521.1	4.6	B1/1000		
BH	(60°-80°)	90.8	0.8	B0/110		G0/110
BVH	(80°-90°)	3.4	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-G2
Type IV Short



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REPORT NUMBER: P1459155
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	2255.5	2255.5	2255.5	2255.5	*2255.5*	2255.5	2255.5	2255.5	2255.5	2255.5	2255.5
2.5°	2882.8	2882.8	2862.3	2834.8	*2804.0*	2793.7	2735.4	2653.2	2567.5	2468.1	2324.1
5°	3253.0	3249.6	3208.5	3208.5	*3167.3*	3129.6	3071.4	2951.4	2814.3	2636.0	2385.8
7.5°	3417.6	3424.4	3407.3	3407.3	*3383.3*	3355.9	3321.6	3205.0	3043.9	2804.0	2447.5
10°	3475.8	3479.3	3479.3	3503.3	*3496.4*	3493.0	3489.6	3424.4	3256.5	2975.4	2512.6
12.5°	3335.3	3352.4	3400.4	3506.7	*3541.0*	3578.7	3630.1	3609.5	3493.0	3191.3	2612.0
15°	2882.8	2886.3	3019.9	3283.9	*3424.4*	3568.4	3767.2	3808.3	3732.9	3424.4	2714.9
17.5°	2378.9	2389.2	2495.5	2790.3	*3016.5*	3349.0	3846.1	4014.0	3986.6	3654.1	2810.8
20°	2169.8	2183.5	2235.0	2420.1	*2591.5*	2900.0	3767.2	4209.4	4219.7	3883.8	2900.0
22.5°	2121.8	2132.1	2173.3	2317.2	*2423.5*	2629.2	3499.8	4363.7	4483.6	4147.7	3006.2
25°	2108.1	2118.4	2180.1	2337.8	*2437.2*	2608.6	3256.5	4445.9	4795.6	4421.9	3109.1
27.5°	2097.8	2111.6	2211.0	2413.2	*2529.8*	2694.3	3211.9	4463.1	5093.8	4713.3	3277.0
30°	2111.6	2132.1	2262.4	2492.0	*2625.7*	2810.8	3318.2	4480.2	5422.9	5045.8	3489.6
32.5°	2166.4	2183.5	2341.2	2598.3	*2752.6*	2961.7	3499.8	4583.0	5734.8	5385.2	3691.8
35°	2228.1	2252.1	2440.6	2749.1	*2934.2*	3170.8	3746.6	4785.3	6033.0	5707.4	3900.9
37.5°	2303.5	2330.9	2557.2	2920.5	*3133.1*	3400.4	4014.0	5066.4	6297.0	5971.3	4110.0
40°	2406.4	2437.2	2690.9	3102.2	*3331.9*	3599.2	4278.0	5344.0	6499.2	6129.0	4247.1
42.5°	2810.8	2852.0	2958.2	3280.5	*3537.5*	3811.8	4538.5	5608.0	6574.6	6180.4	4274.5
45°	3565.0	3606.1	3578.7	3640.4	*3811.8*	4068.9	4823.0	5861.6	6584.9	6166.7	4260.8
47.5°	4322.5	4370.5	4346.5	4312.2	*4349.9*	4473.3	5141.8	6022.7	6530.1	6159.9	4260.8
50°	5045.8	5018.4	5021.8	5011.5	*5045.8*	5110.9	5450.3	6053.6	6516.3	6225.0	4298.5
52.5°	5433.1	5446.9	5532.6	5659.4	*5734.8*	5799.9	5803.4	6101.6	6416.9	6115.3	4254.0
55°	5813.6	5841.1	6039.9	6255.8	*6423.8*	6547.2	6156.4	6070.7	5823.9	5748.5	4020.9
57.5°	6242.1	6279.8	6560.9	7006.5	*7301.3*	7366.5	6506.1	5494.8	4929.3	5224.0	3568.4
60°	6831.7	6876.3	7249.9	7918.3	*8357.1*	8223.4	6533.5	4579.6	3914.6	4336.2	2944.5
62.5°	7294.5	7383.6	8058.9	9100.9	*9584.3*	9159.2	6022.7	3510.1	2735.4	3047.4	2149.3
65°	6800.9	6972.3	8072.6	10454.9	*11013.7*	10259.6	5220.6	2396.1	1542.5	1971.0	1374.6
67.5°	5498.3	5738.2	7167.6	11113.1	*11994.1*	10838.9	4110.0	1271.7	884.4	1144.9	723.3
68°	*5059.5*	*5320.0*	*6835.1*	*11113.1*	*12045.5*	*10787.5*	*3815.2*	*1100.3*	*815.8*	*1028.4*	*627.3*
70°	3496.4	3681.5	5254.9	10489.2	*11743.8*	9834.5	2512.6	630.7	613.6	706.1	414.8
72.5°	1713.9	1912.7	2810.8	8312.5	*9567.1*	7558.4	1144.9	418.2	466.2	517.6	325.6
75°	682.1	723.3	1107.2	4099.7	*5978.2*	4823.0	599.9	315.4	401.1	404.5	257.1
77.5°	390.8	414.8	613.6	1508.3	*2241.8*	2156.1	387.3	226.2	318.8	291.4	168.0
80°	219.4	222.8	346.2	795.3	*1282.0*	1148.3	263.9	164.5	243.4	205.7	113.1
82.5°	109.7	123.4	219.4	438.8	*713.0*	730.1	140.5	116.5	195.4	147.4	92.6
85°	78.8	85.7	157.7	243.4	*329.1*	493.6	85.7	58.3	147.4	99.4	65.1
87.5°	41.1	51.4	99.4	120.0	*133.7*	168.0	41.1	27.4	82.3	58.3	34.3
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: P1459155
CATALOG NUMBER: GLAN-SB5A-935-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2255.5	2255.5	2255.5	2255.5	2255.5	2255.5	2255.5	2255.5	2255.5	2255.5	2255.5
2.5°	2255.5	2176.7	2015.6	1827.0	1679.6	1528.8	1405.4	1288.9	1234.0	1227.2	1240.9
5°	2245.2	2073.9	1707.1	1347.1	1052.4	846.7	733.6	675.3	644.4	630.7	634.2
7.5°	2224.7	1964.2	1378.0	911.8	682.1	593.0	565.6	555.3	551.9	551.9	551.9
10°	2204.1	1816.8	1055.8	668.4	558.7	534.7	527.9	527.9	524.5	524.5	527.9
12.5°	2193.8	1679.6	819.3	558.7	521.0	510.7	503.9	500.5	500.5	500.5	503.9
15°	2169.8	1528.8	661.6	517.6	497.0	483.3	479.9	476.5	476.5	476.5	476.5
17.5°	2149.3	1381.4	575.9	490.2	473.0	459.3	455.9	452.5	452.5	455.9	455.9
20°	2118.4	1240.9	517.6	462.8	449.0	435.3	431.9	428.5	431.9	431.9	431.9
22.5°	2080.7	1124.3	483.3	442.2	425.1	411.3	411.3	411.3	411.3	411.3	414.8
25°	2056.7	1042.1	459.3	418.2	401.1	390.8	387.3	387.3	394.2	394.2	397.6
27.5°	2094.4	1021.5	462.8	411.3	380.5	370.2	366.8	366.8	373.6	377.1	380.5
30°	2207.5	1059.2	503.9	431.9	366.8	349.6	346.2	346.2	356.5	359.9	363.4
32.5°	2337.8	1138.0	565.6	459.3	356.5	329.1	322.2	322.2	332.5	335.9	339.4
35°	2516.0	1261.4	647.9	483.3	363.4	308.5	294.8	294.8	301.7	308.5	311.9
37.5°	2745.7	1463.7	743.8	500.5	363.4	284.5	267.4	263.9	270.8	270.8	274.2
40°	2985.7	1727.6	843.3	500.5	346.2	260.5	243.4	233.1	236.5	233.1	236.5
42.5°	3119.3	1940.2	928.9	469.6	325.6	236.5	219.4	205.7	202.2	195.4	198.8
45°	3194.8	2036.1	905.0	435.3	305.1	219.4	198.8	181.7	174.8	164.5	164.5
47.5°	3194.8	2046.4	774.7	407.9	284.5	205.7	178.2	161.1	150.8	140.5	144.0
50°	3157.1	1953.9	613.6	380.5	260.5	192.0	161.1	147.4	133.7	126.8	126.8
52.5°	2999.4	1652.2	469.6	346.2	233.1	174.8	144.0	130.3	116.5	113.1	113.1
55°	2728.6	1213.5	380.5	311.9	209.1	161.1	130.3	120.0	106.3	99.4	99.4
57.5°	2217.8	829.5	315.4	281.1	185.1	144.0	116.5	106.3	89.1	82.3	82.3
60°	1645.4	541.6	267.4	246.8	157.7	130.3	102.8	89.1	75.4	68.6	65.1
62.5°	1110.6	366.8	222.8	195.4	133.7	113.1	89.1	75.4	58.3	44.6	44.6
65°	692.4	284.5	185.1	154.3	116.5	99.4	75.4	58.3	41.1	30.9	27.4
67.5°	397.6	229.7	150.8	120.0	99.4	78.8	58.3	48.0	34.3	24.0	20.6
68°	*366.8*	*219.4*	*140.5*	*113.1*	*92.6*	*75.4*	*54.8*	*44.6*	*30.9*	*20.6*	*20.6*
70°	298.2	195.4	120.0	92.6	78.8	61.7	48.0	37.7	24.0	13.7	13.7
72.5°	263.9	164.5	102.8	72.0	54.8	51.4	37.7	27.4	17.1	10.3	6.9
75°	216.0	130.3	82.3	54.8	37.7	37.7	27.4	17.1	6.9	0.0	0.0
77.5°	140.5	96.0	65.1	34.3	20.6	24.0	17.1	6.9	0.0	0.0	0.0
80°	92.6	72.0	44.6	17.1	10.3	10.3	3.4	0.0	0.0	0.0	0.0
82.5°	65.1	48.0	27.4	6.9	3.4	3.4	0.0	0.0	0.0	0.0	0.0
85°	41.1	20.6	10.3	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	17.1	6.9	3.4	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

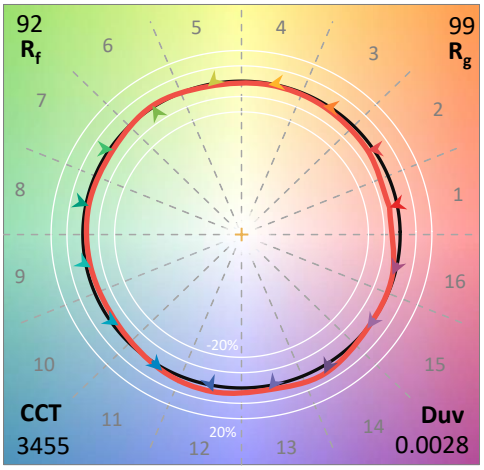
Test Information

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	R9:	59.8
R2:	94.4	R10:	85.8
R3:	95.6	R11:	93.2
R4:	93.2	R12:	78.0
R5:	91.4	R13:	92.5
R6:	92.5	R14:	97.0
R7:	94.5	R15:	88.4
R8:	84.2		



Test Conditions

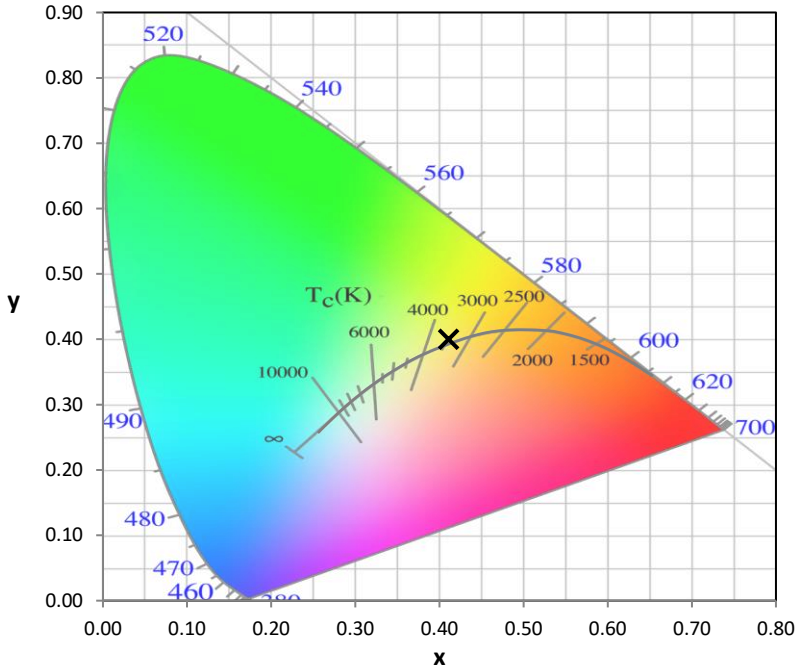
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-15

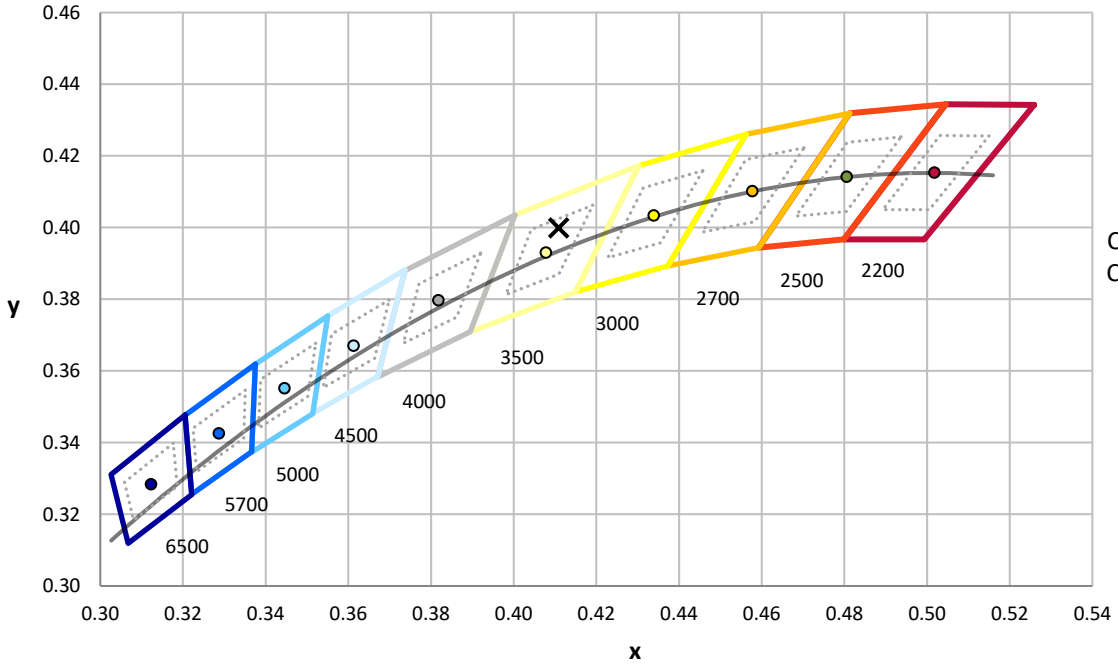
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

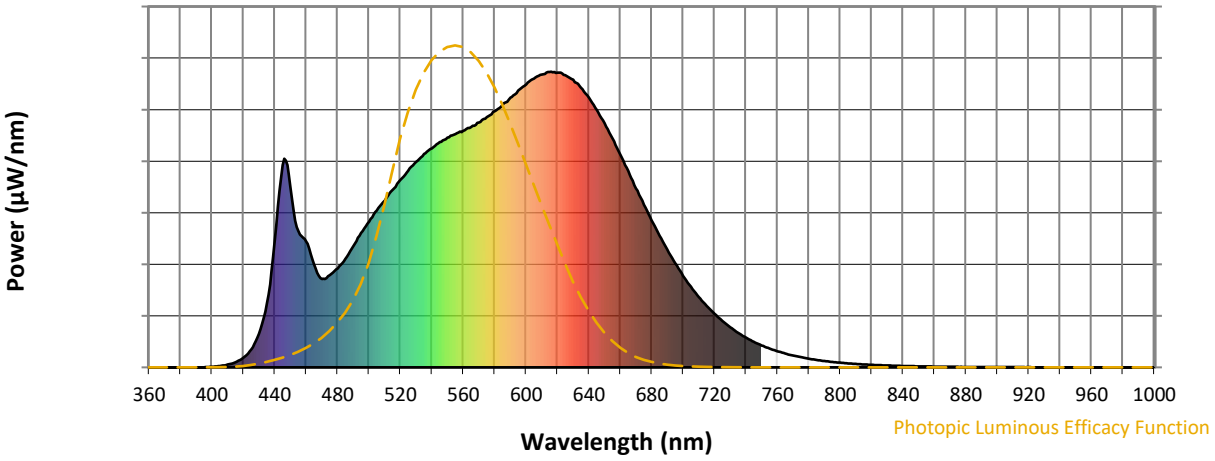


CCT = 3455K
CIE x = 0.4109
CIE y = 0.3999
Duv = 0.0028

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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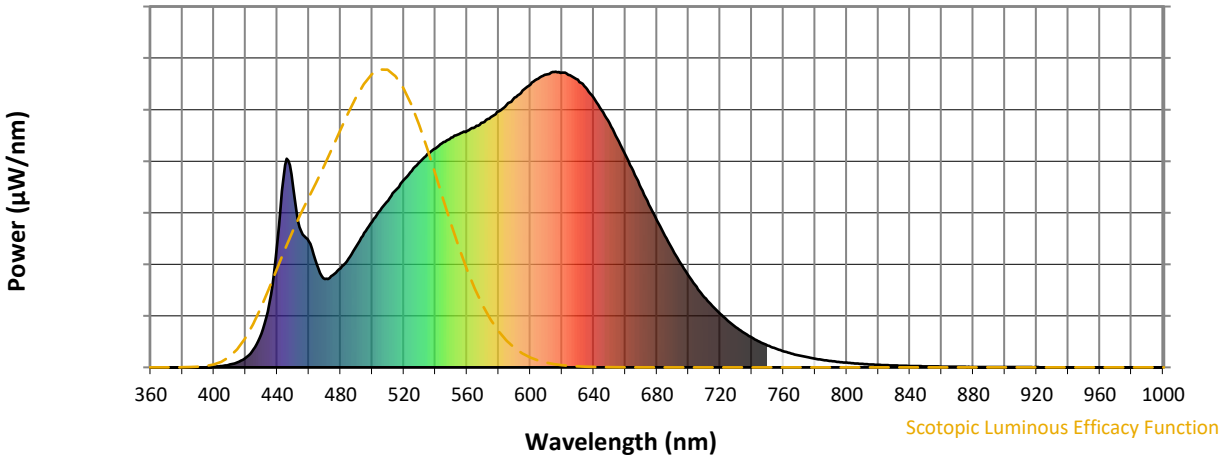
Scotopic Flux vs. Wavelength



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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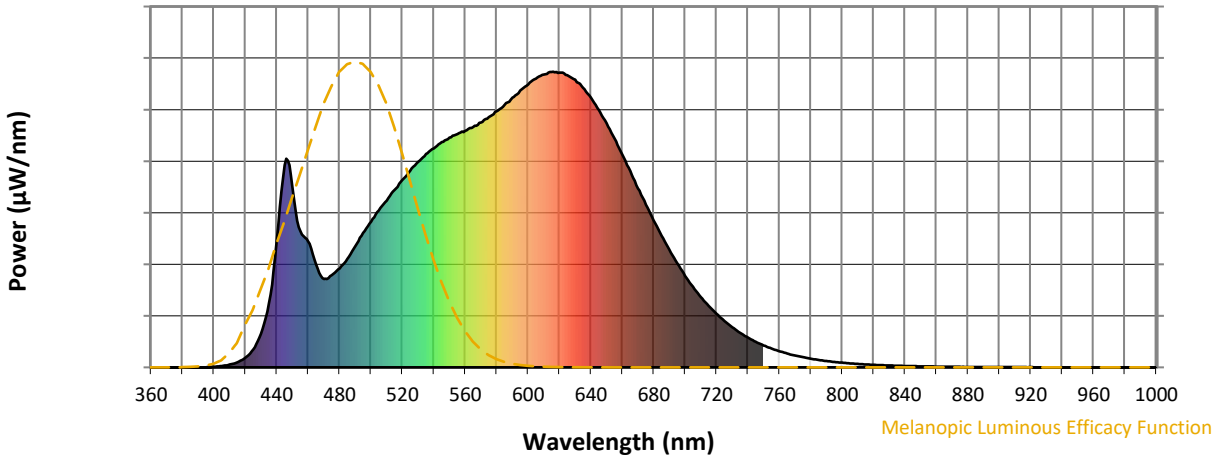
Melanopic Flux vs. Wavelength



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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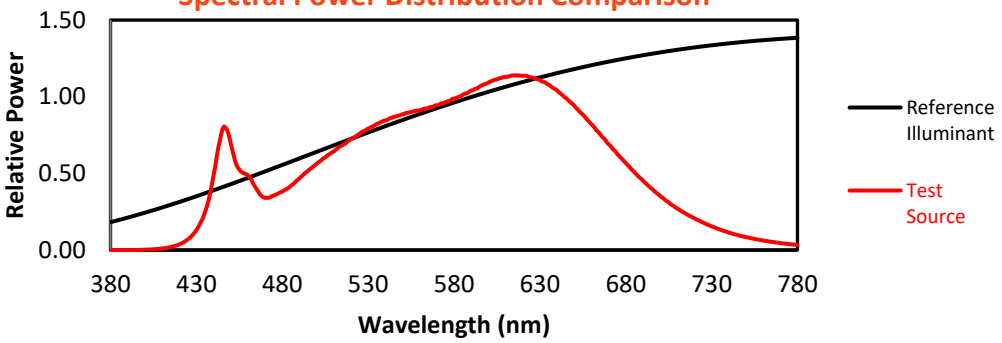
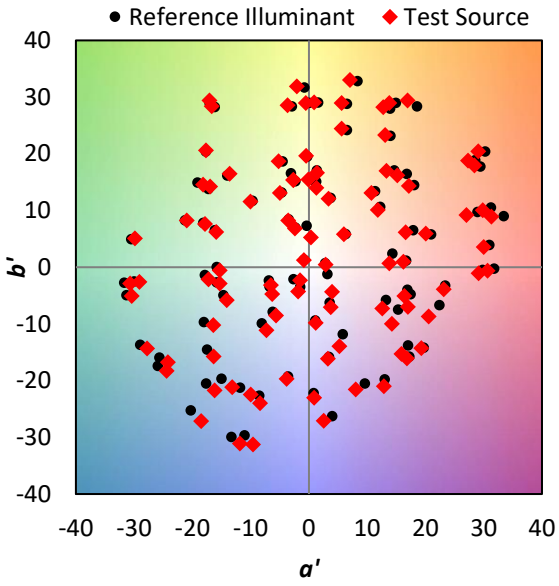
Summary

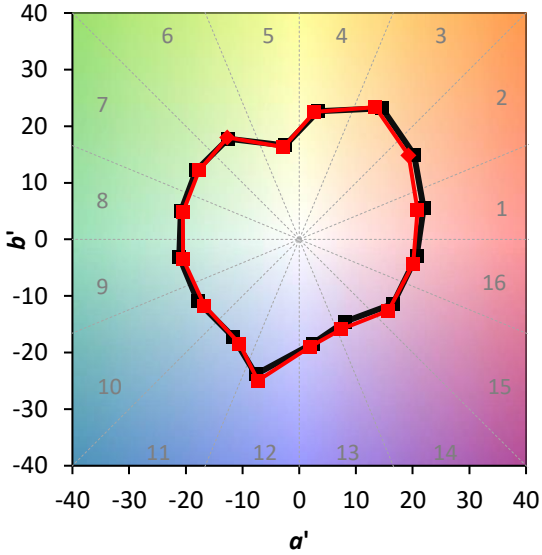
R_f = 92.3
R_g = 98.5
CIE R_a = 92.2
R_9 = 59.8

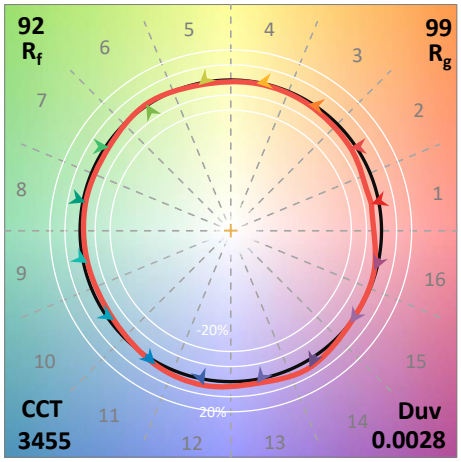
Spectral Power Distribution Comparison

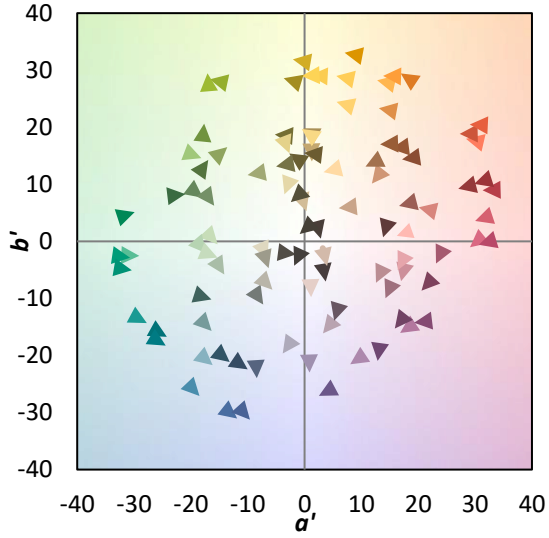


Color Vector Graphics









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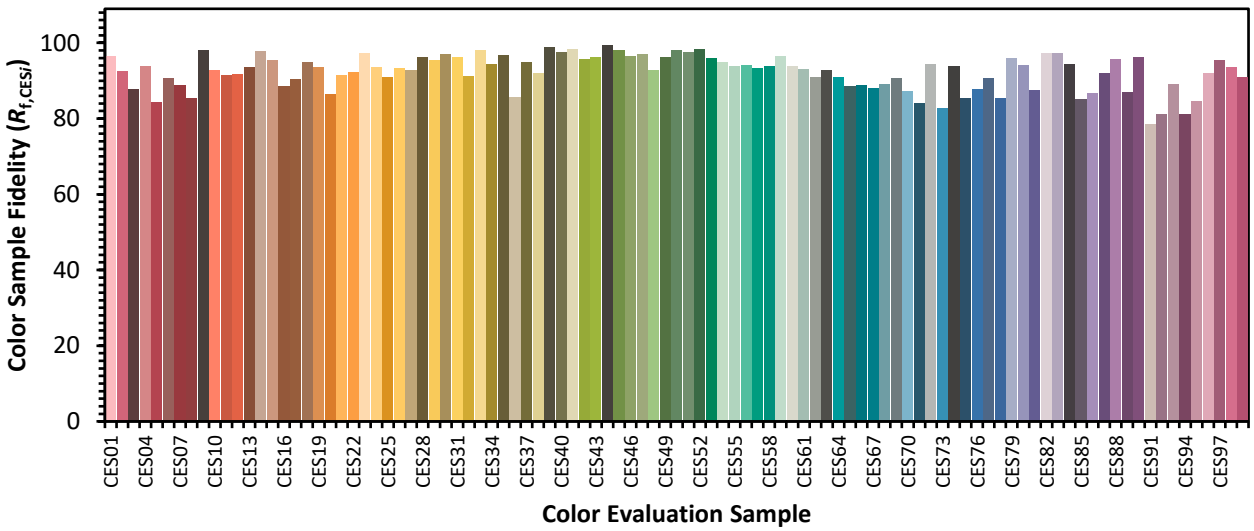
Individual Sample Fidelity Index ($R_{f,i}$)

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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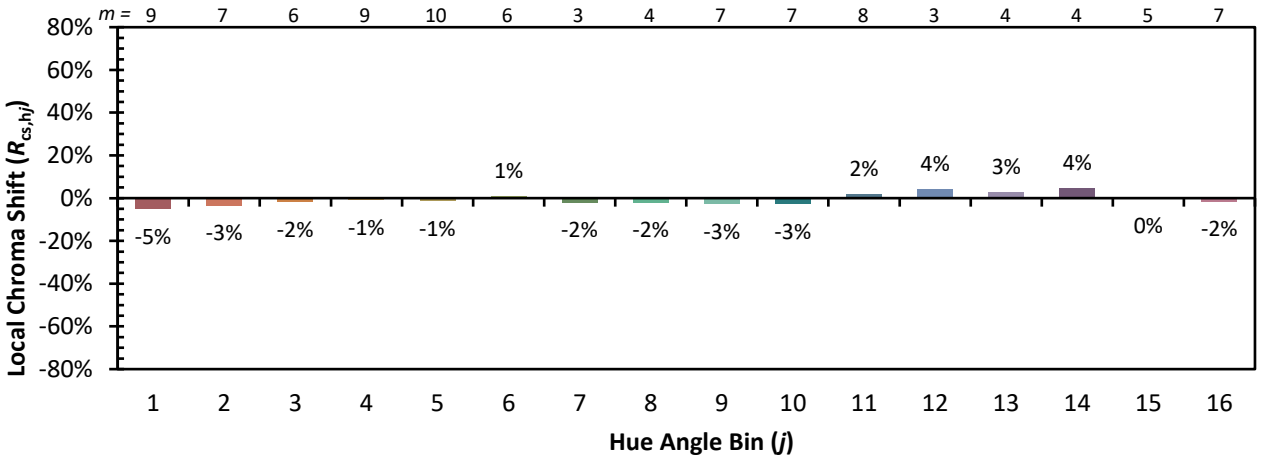
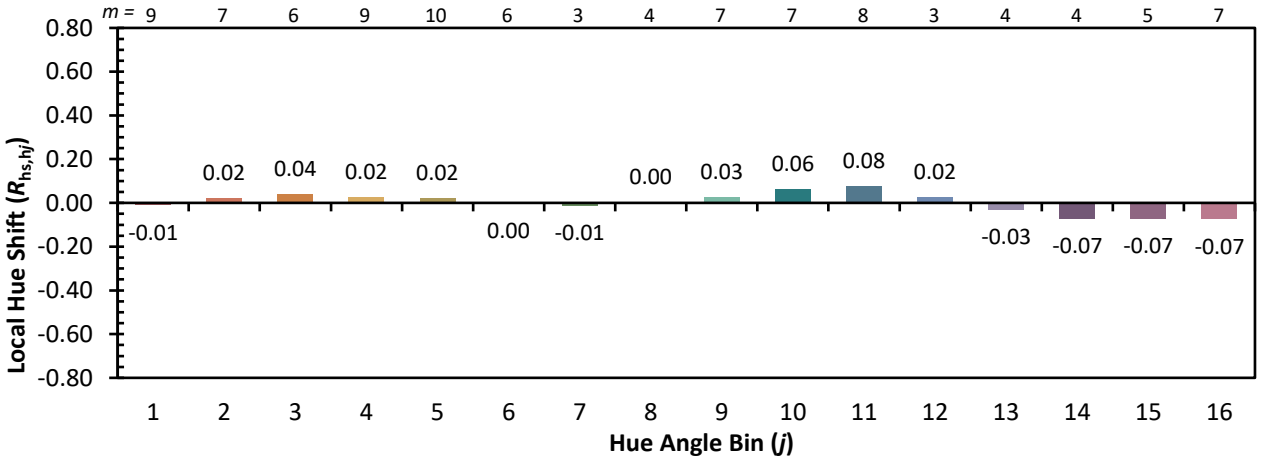
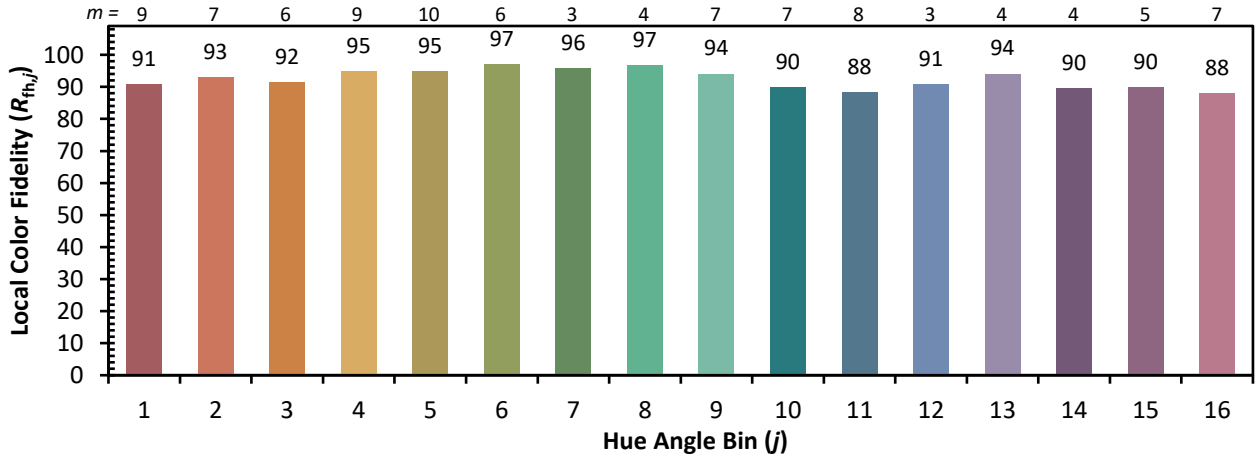
Color Rendition by Hue-Angle Bin







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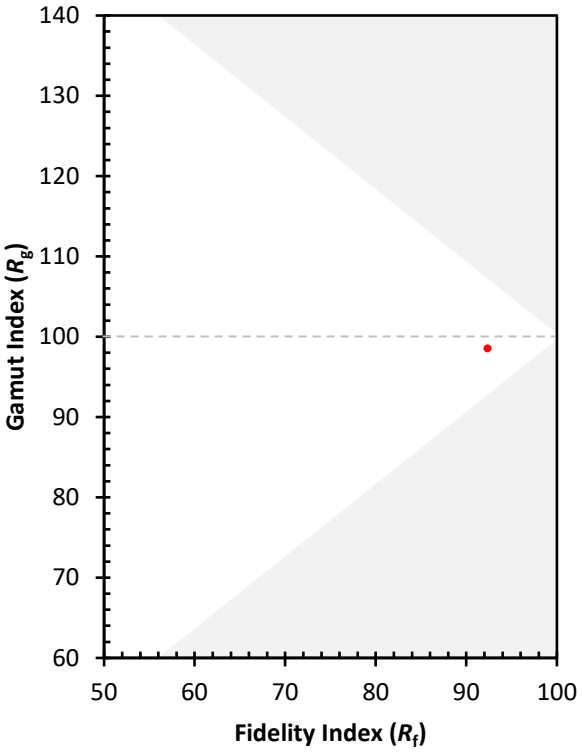
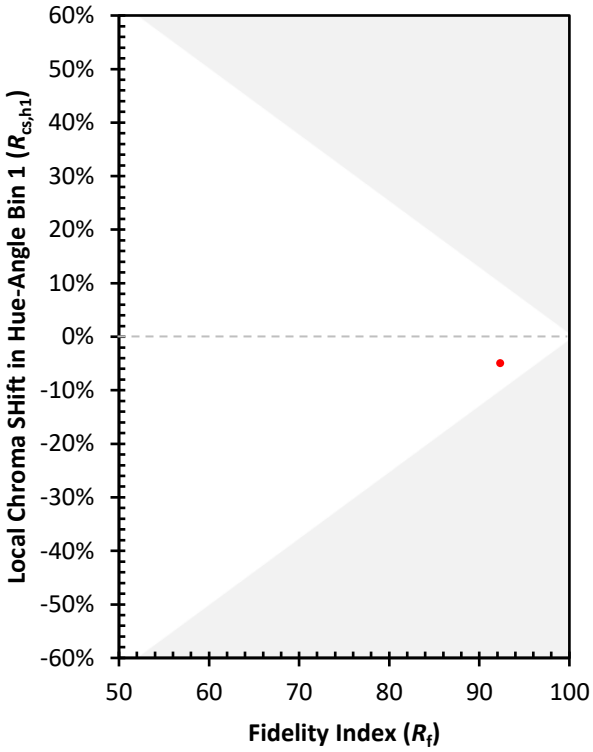
Measure Comparisons





(END OF REPORT)