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: P1459151

Luminaire Tested: GLAN-SB4A-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:	P1459151
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB4A-935-U-T4LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 4xLight Square PACKAGE 90CRI 3500K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(104) 3500K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9075.2 lumens
Efficiency:	N/A
Efficacy:	79.6 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G2

Input Watts (W):	114
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: P1459151
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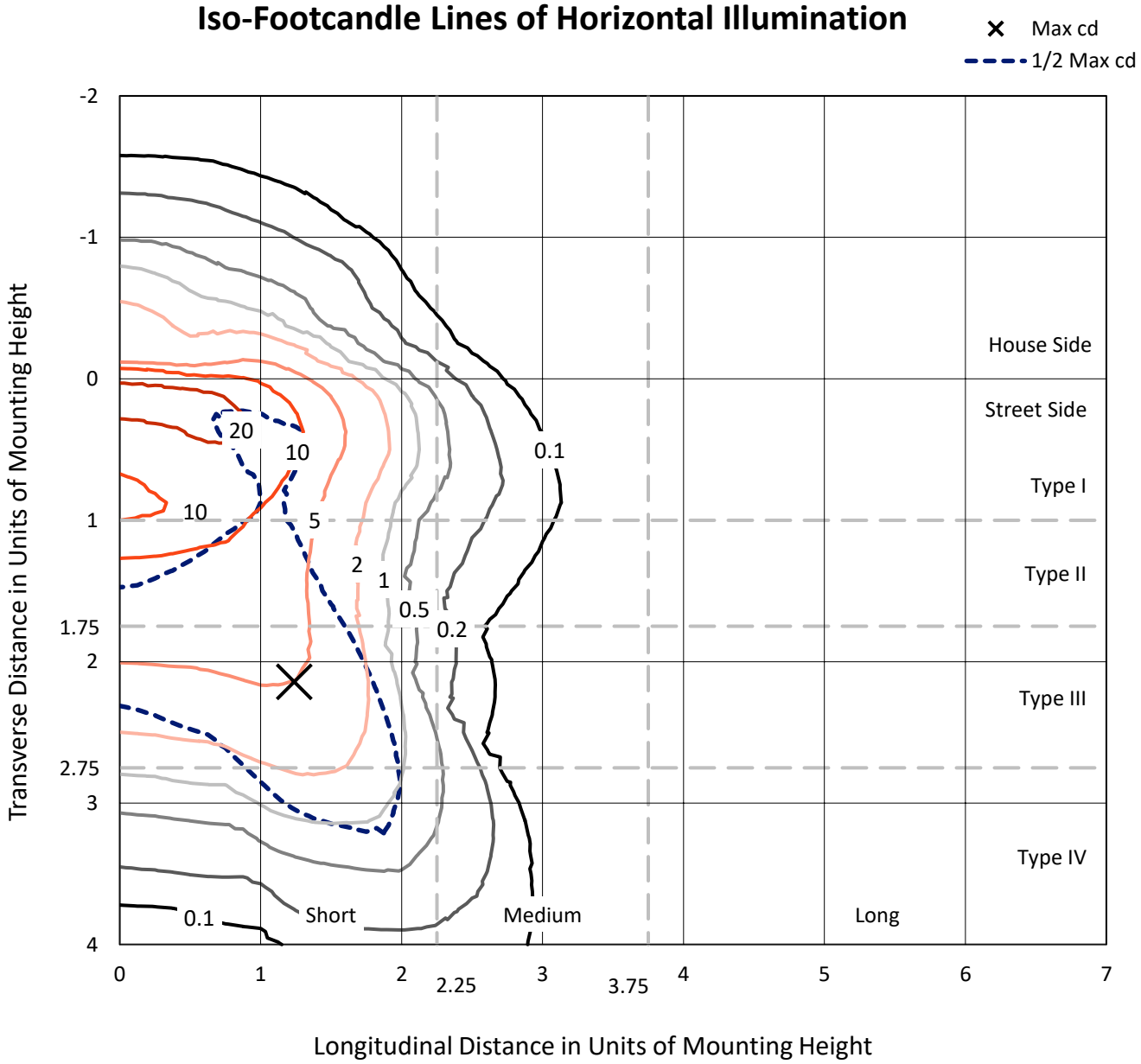
Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 27.4 fc
Type IV - Short - N/A

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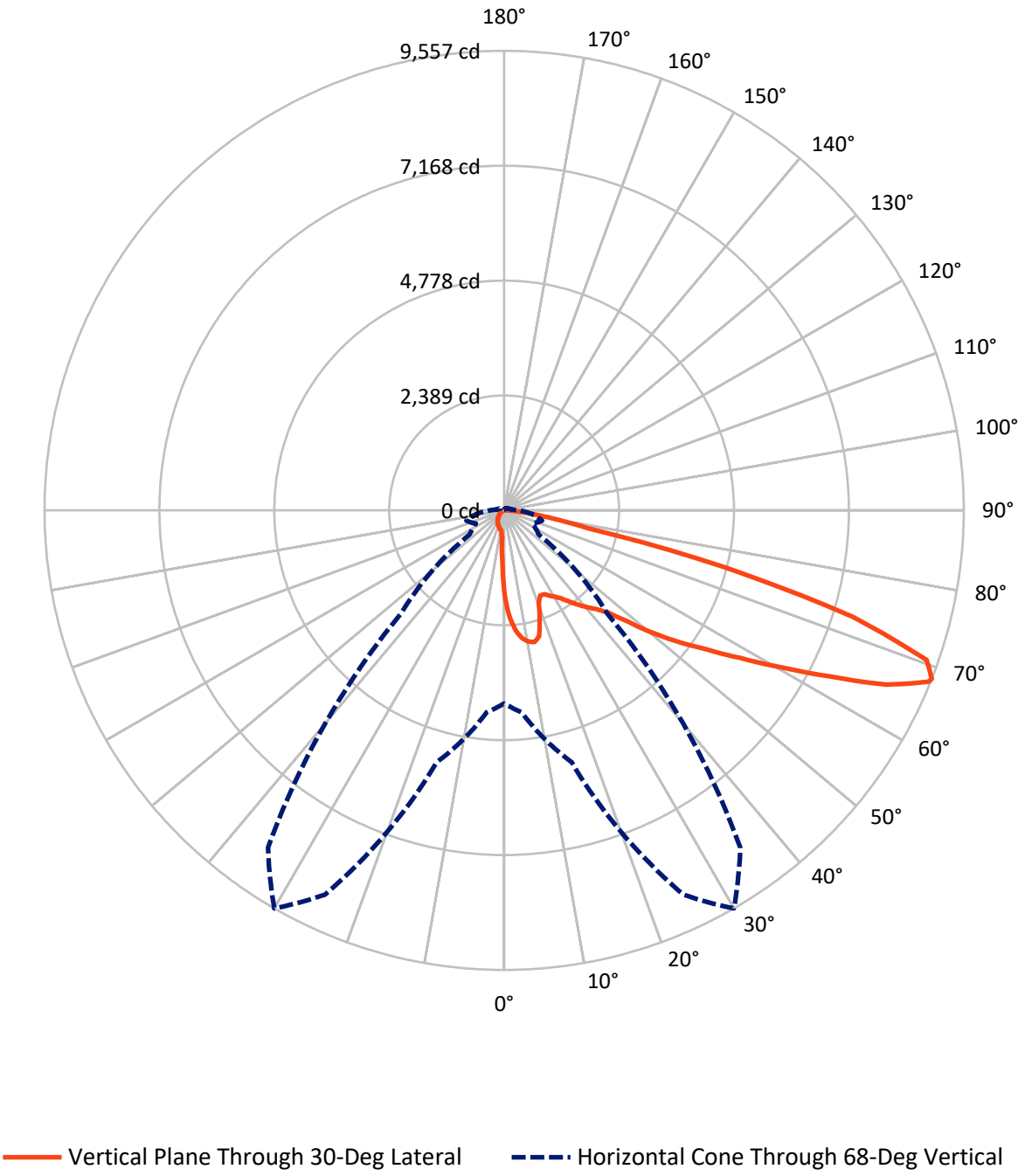
Luminous Intensity Polar Plot



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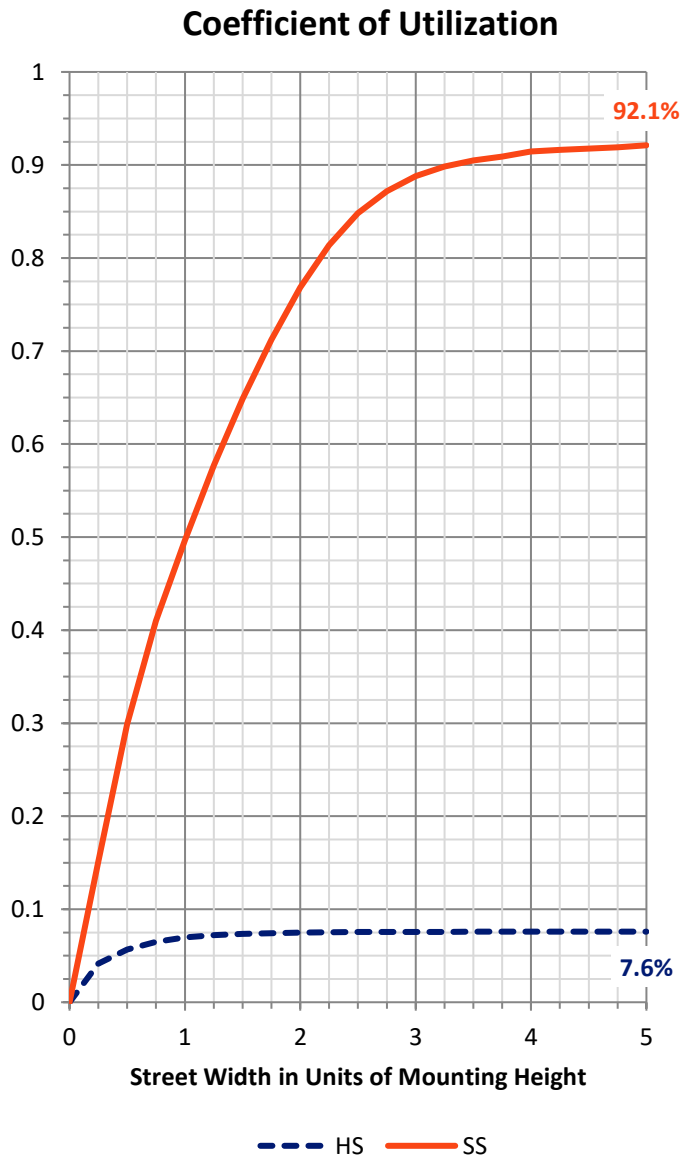
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	692.7	0.0	692.7
	% Fixture	7.6	0.0	7.6
Street Side	Lumens	8382.5	0.0	8382.5
	% Fixture	92.4	0.0	92.4
Total	Lumens	9075.2	0.0	9075.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	154.4	1.7
10°-20°	440.8	4.9
20°-30°	692.8	7.6
30°-40°	1086.6	12.0
40°-50°	1624.1	17.9
50°-60°	2160.6	23.8
60°-70°	2088.6	23.0
70°-80°	750.8	8.3
80°-90°	76.6	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°	9075.2	100.0
0°-180°	9075.2	100.0



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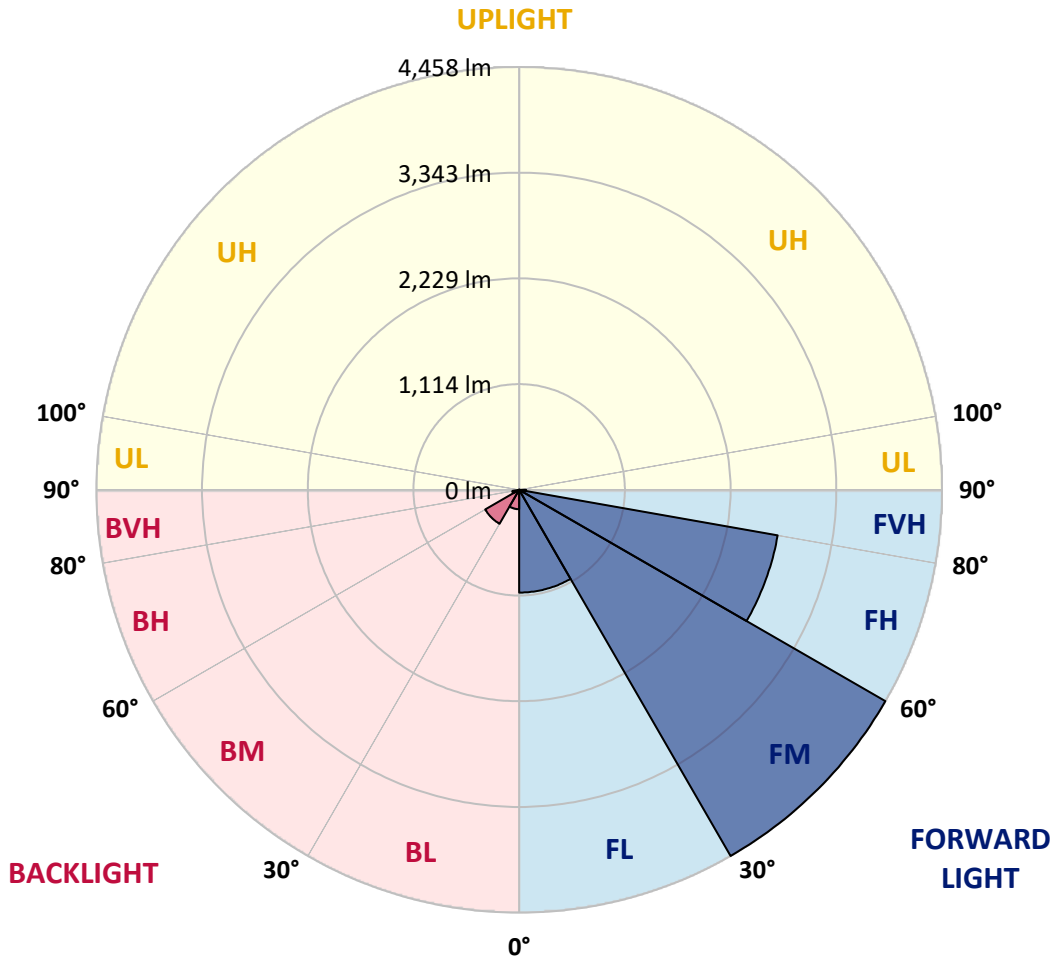
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1083.6	11.9			
FM	(30°-60°)	4457.7	49.1			
FH	(60°-80°)	2767.3	30.5			G2/5000
FVH	(80°-90°)	73.9	0.8			G1/100
BL	(0°-30°)	204.5	2.3	B1/500		
BM	(30°-60°)	413.5	4.6	B1/1000		
BH	(60°-80°)	72.0	0.8	B0/110		G0/110
BVH	(80°-90°)	2.7	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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Scaled Data Report

REPORT NUMBER: P1459151
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	1789.5	1789.5	1789.5	1789.5	1789.5	1789.5	1789.5	1789.5	1789.5	1789.5	1789.5
2.5°	2287.2	2287.2	2270.9	2249.1	2224.7	2216.5	2170.3	2105.0	2037.0	1958.1	1843.9
5°	2580.9	2578.2	2545.6	2545.6	2512.9	2483.0	2436.8	2341.6	2232.8	2091.4	1892.9
7.5°	2711.5	2716.9	2703.3	2703.3	2684.3	2662.5	2635.3	2542.9	2415.0	2224.7	1941.8
10°	2757.7	2760.4	2760.4	2779.5	2774.0	2771.3	2768.6	2716.9	2583.7	2360.6	1993.5
12.5°	2646.2	2659.8	2697.9	2782.2	2809.4	2839.3	2880.1	2863.8	2771.3	2532.0	2072.4
15°	2287.2	2289.9	2396.0	2605.4	2716.9	2831.1	2988.9	3021.5	2961.7	2716.9	2154.0
17.5°	1887.4	1895.6	1979.9	2213.8	2393.3	2657.1	3051.4	3184.7	3162.9	2899.1	2230.1
20°	1721.5	1732.4	1773.2	1920.1	2056.0	2300.8	2988.9	3339.7	3347.9	3081.3	2300.8
22.5°	1683.5	1691.6	1724.2	1838.5	1922.8	2086.0	2776.7	3462.1	3557.3	3290.8	2385.1
25°	1672.6	1680.7	1729.7	1854.8	1933.7	2069.6	2583.7	3527.4	3804.8	3508.3	2466.7
27.5°	1664.4	1675.3	1754.2	1914.6	2007.1	2137.6	2548.3	3541.0	4041.4	3739.5	2600.0
30°	1675.3	1691.6	1795.0	1977.2	2083.2	2230.1	2632.6	3554.6	4302.5	4003.3	2768.6
32.5°	1718.8	1732.4	1857.5	2061.5	2183.9	2349.8	2776.7	3636.2	4550.0	4272.5	2929.0
35°	1767.8	1786.8	1936.4	2181.1	2328.0	2515.7	2972.6	3796.6	4786.6	4528.2	3094.9
37.5°	1827.6	1849.4	2028.8	2317.1	2485.7	2697.9	3184.7	4019.6	4996.0	4737.6	3260.8
40°	1909.2	1933.7	2134.9	2461.3	2643.5	2855.6	3394.1	4239.9	5156.4	4862.7	3369.6
42.5°	2230.1	2262.7	2347.0	2602.7	2806.7	3024.2	3600.8	4449.3	5216.3	4903.5	3391.4
45°	2828.4	2861.1	2839.3	2888.3	3024.2	3228.2	3826.5	4650.6	5224.4	4892.6	3380.5
47.5°	3429.5	3467.5	3448.5	3421.3	3451.2	3549.1	4079.5	4778.4	5180.9	4887.2	3380.5
50°	4003.3	3981.5	3984.3	3976.1	4003.3	4055.0	4324.2	4802.9	5170.0	4938.9	3410.4
52.5°	4310.6	4321.5	4389.5	4490.1	4550.0	4601.6	4604.3	4841.0	5091.2	4851.8	3375.1
55°	4612.5	4634.3	4792.0	4963.3	5096.6	5194.5	4884.5	4816.5	4620.7	4560.8	3190.1
57.5°	4952.5	4982.4	5205.4	5558.9	5792.8	5844.5	5161.9	4359.6	3910.8	4144.7	2831.1
60°	5420.2	5455.6	5752.0	6282.4	6630.5	6524.4	5183.6	3633.4	3105.8	3440.3	2336.2
62.5°	5787.4	5858.1	6393.9	7220.6	7604.1	7266.9	4778.4	2784.9	2170.3	2417.8	1705.2
65°	5395.8	5531.7	6404.7	8294.9	8738.2	8139.9	4142.0	1901.0	1223.8	1563.8	1090.6
67.5°	4362.3	4552.7	5686.8	8817.1	9516.0	8599.5	3260.8	1009.0	701.7	908.4	573.8
68°	4014.2	4220.9	5423.0	8817.1	9556.8	8558.7	3027.0	873.0	647.3	815.9	497.7
70°	2774.0	2920.9	4169.2	8322.1	9317.5	7802.6	1993.5	500.4	486.8	560.2	329.1
72.5°	1359.8	1517.6	2230.1	6595.1	7590.5	5996.8	908.4	331.8	369.9	410.7	258.4
75°	541.2	573.8	878.4	3252.7	4743.0	3826.5	475.9	250.2	318.2	320.9	204.0
77.5°	310.0	329.1	486.8	1196.6	1778.6	1710.7	307.3	179.5	252.9	231.2	133.3
80°	174.1	176.8	274.7	631.0	1017.1	911.1	209.4	130.5	193.1	163.2	89.7
82.5°	87.0	97.9	174.1	348.1	565.7	579.3	111.5	92.5	155.0	116.9	73.4
85°	62.6	68.0	125.1	193.1	261.1	391.6	68.0	46.2	116.9	78.9	51.7
87.5°	32.6	40.8	78.9	95.2	106.1	133.3	32.6	21.8	65.3	46.2	27.2
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-SB4A-935-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1789.5	1789.5	1789.5	1789.5	1789.5	1789.5	1789.5	1789.5	1789.5	1789.5	1789.5
2.5°	1789.5	1727.0	1599.1	1449.6	1332.6	1213.0	1115.1	1022.6	979.1	973.6	984.5
5°	1781.4	1645.4	1354.4	1068.8	834.9	671.8	582.0	535.8	511.3	500.4	503.1
7.5°	1765.0	1558.4	1093.3	723.4	541.2	470.5	448.7	440.6	437.9	437.9	437.9
10°	1748.7	1441.4	837.6	530.3	443.3	424.3	418.8	418.8	416.1	416.1	418.8
12.5°	1740.6	1332.6	650.0	443.3	413.4	405.2	399.8	397.1	397.1	397.1	399.8
15°	1721.5	1213.0	524.9	410.7	394.3	383.5	380.7	378.0	378.0	378.0	378.0
17.5°	1705.2	1096.0	456.9	388.9	375.3	364.4	361.7	359.0	359.0	361.7	361.7
20°	1680.7	984.5	410.7	367.2	356.3	345.4	342.7	340.0	342.7	342.7	342.7
22.5°	1650.8	892.0	383.5	350.8	337.2	326.4	326.4	326.4	326.4	326.4	329.1
25°	1631.8	826.8	364.4	331.8	318.2	310.0	307.3	307.3	312.8	312.8	315.5
27.5°	1661.7	810.5	367.2	326.4	301.9	293.7	291.0	291.0	296.4	299.2	301.9
30°	1751.4	840.4	399.8	342.7	291.0	277.4	274.7	274.7	282.8	285.6	288.3
32.5°	1854.8	902.9	448.7	364.4	282.8	261.1	255.6	255.6	263.8	266.5	269.2
35°	1996.2	1000.8	514.0	383.5	288.3	244.8	233.9	233.9	239.3	244.8	247.5
37.5°	2178.4	1161.3	590.2	397.1	288.3	225.7	212.1	209.4	214.9	214.9	217.6
40°	2368.8	1370.7	669.0	397.1	274.7	206.7	193.1	184.9	187.7	184.9	187.7
42.5°	2474.9	1539.3	737.0	372.6	258.4	187.7	174.1	163.2	160.5	155.0	157.7
45°	2534.7	1615.5	718.0	345.4	242.0	174.1	157.7	144.1	138.7	130.5	130.5
47.5°	2534.7	1623.6	614.6	323.6	225.7	163.2	141.4	127.8	119.7	111.5	114.2
50°	2504.8	1550.2	486.8	301.9	206.7	152.3	127.8	116.9	106.1	100.6	100.6
52.5°	2379.7	1310.9	372.6	274.7	184.9	138.7	114.2	103.3	92.5	89.7	89.7
55°	2164.8	962.8	301.9	247.5	165.9	127.8	103.3	95.2	84.3	78.9	78.9
57.5°	1759.6	658.2	250.2	223.0	146.9	114.2	92.5	84.3	70.7	65.3	65.3
60°	1305.4	429.7	212.1	195.8	125.1	103.3	81.6	70.7	59.8	54.4	51.7
62.5°	881.2	291.0	176.8	155.0	106.1	89.7	70.7	59.8	46.2	35.4	35.4
65°	549.4	225.7	146.9	122.4	92.5	78.9	59.8	46.2	32.6	24.5	21.8
67.5°	315.5	182.2	119.7	95.2	78.9	62.6	46.2	38.1	27.2	19.0	16.3
68°	*291.0*	*174.1*	*111.5*	*89.7*	*73.4*	*59.8*	*43.5*	*35.4*	*24.5*	*16.3*	*16.3*
70°	236.6	155.0	95.2	73.4	62.6	49.0	38.1	29.9	19.0	10.9	10.9
72.5°	209.4	130.5	81.6	57.1	43.5	40.8	29.9	21.8	13.6	8.2	5.4
75°	171.3	103.3	65.3	43.5	29.9	29.9	21.8	13.6	5.4	0.0	0.0
77.5°	111.5	76.1	51.7	27.2	16.3	19.0	13.6	5.4	0.0	0.0	0.0
80°	73.4	57.1	35.4	13.6	8.2	8.2	2.7	0.0	0.0	0.0	0.0
82.5°	51.7	38.1	21.8	5.4	2.7	2.7	0.0	0.0	0.0	0.0	0.0
85°	32.6	16.3	8.2	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	13.6	5.4	2.7	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

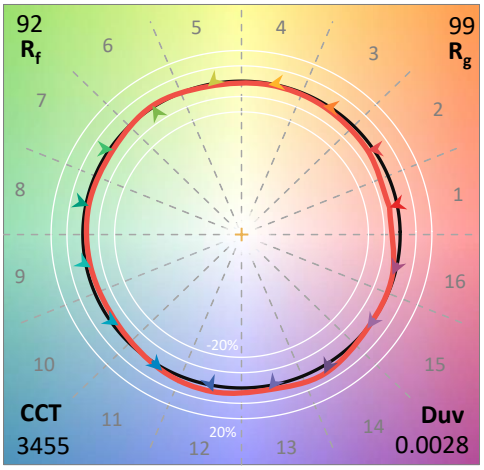
Test Information

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

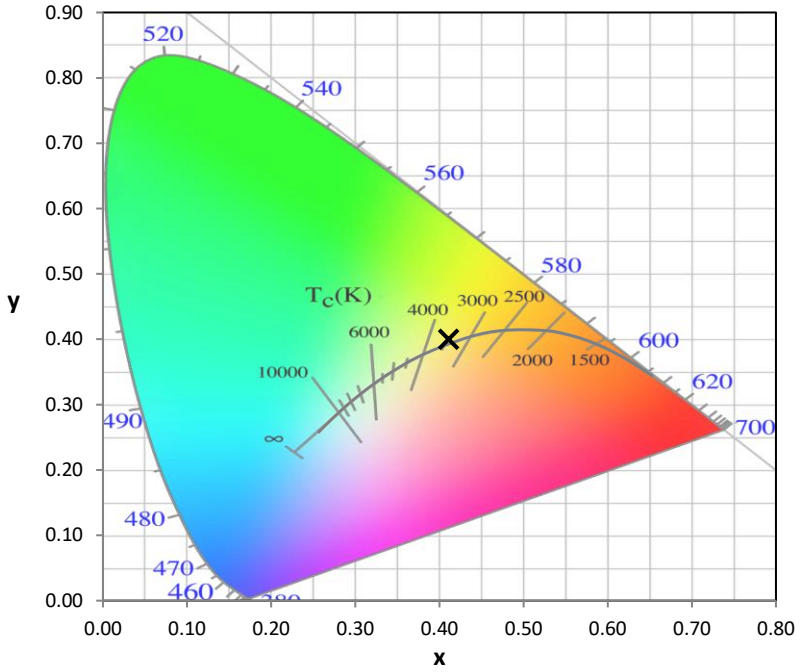
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-15

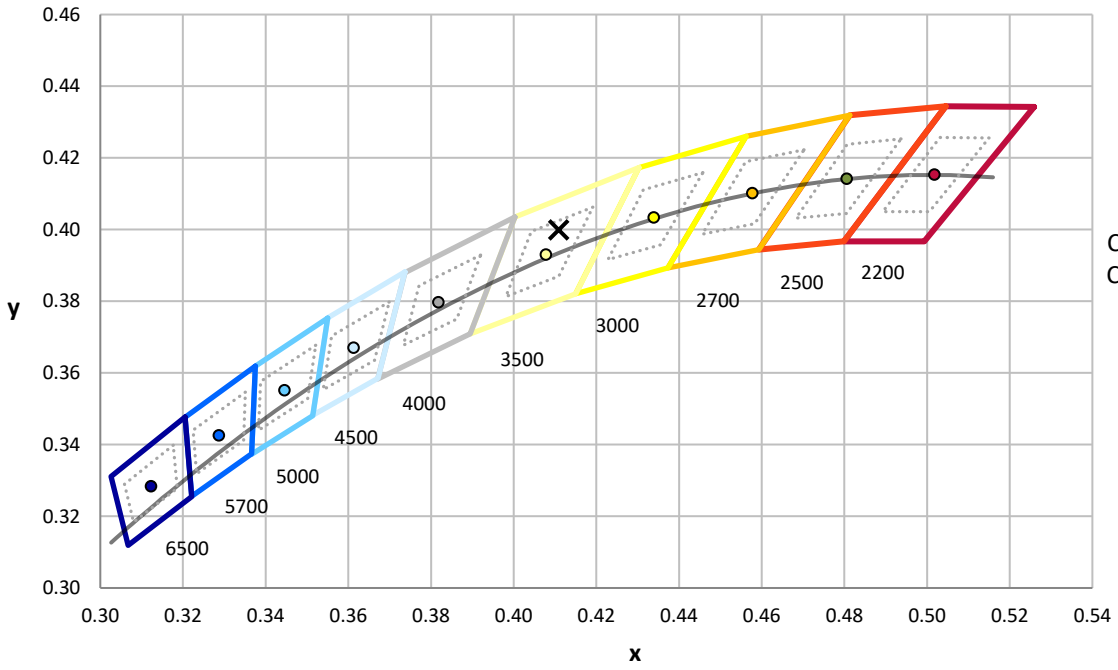
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

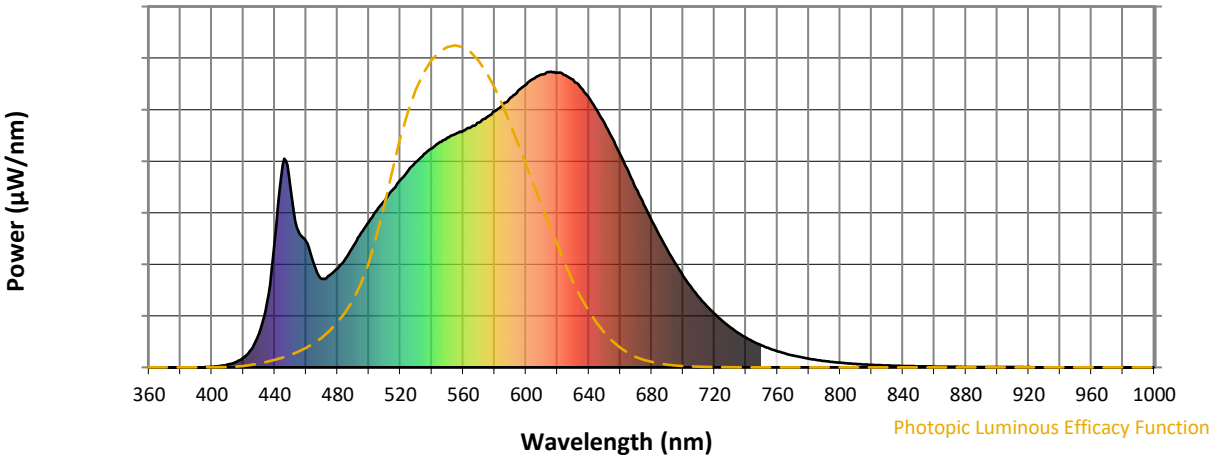


CCT = 3455K
CIE x = 0.4109
CIE y = 0.3999
Duv = 0.0028

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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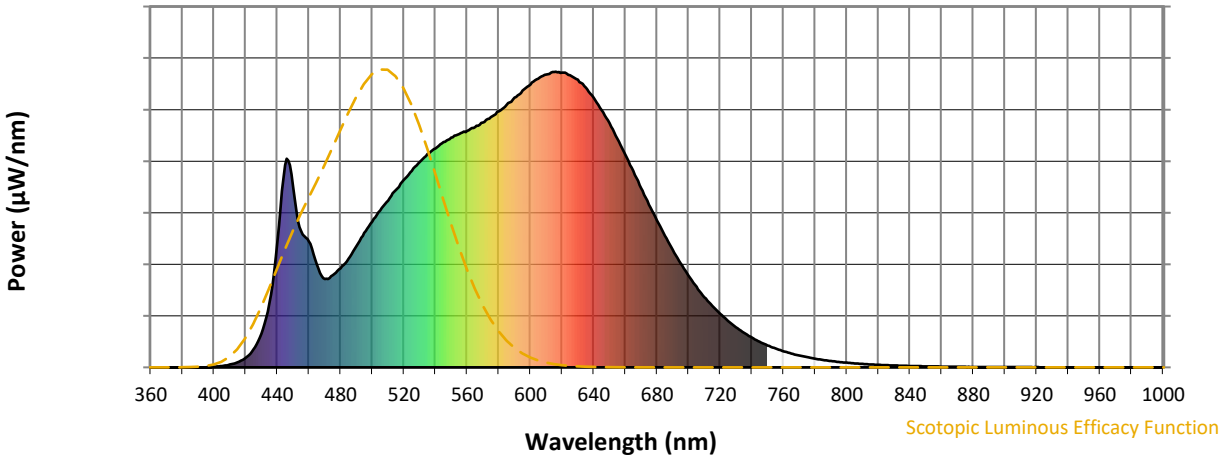
Scotopic Flux vs. Wavelength



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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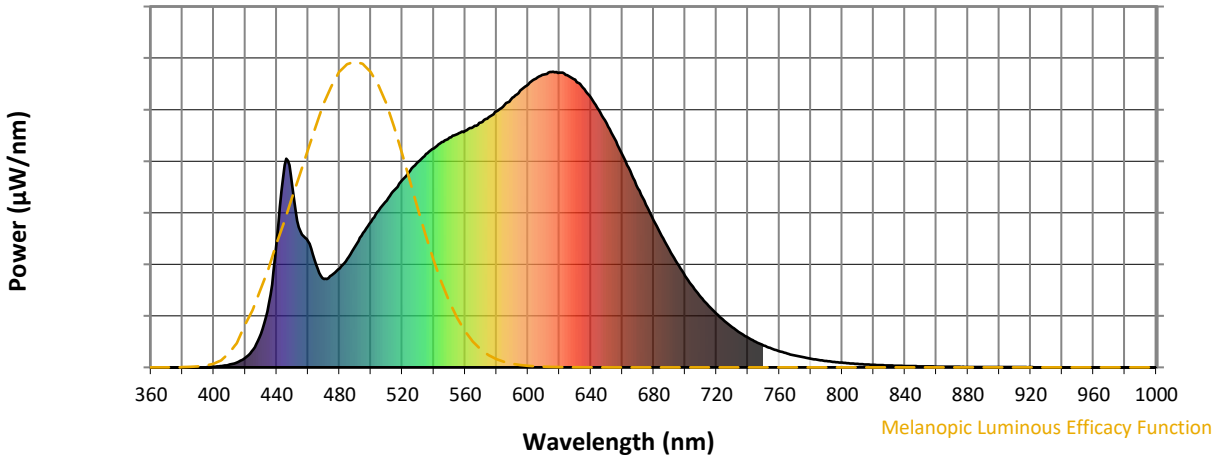
Melanopic Flux vs. Wavelength



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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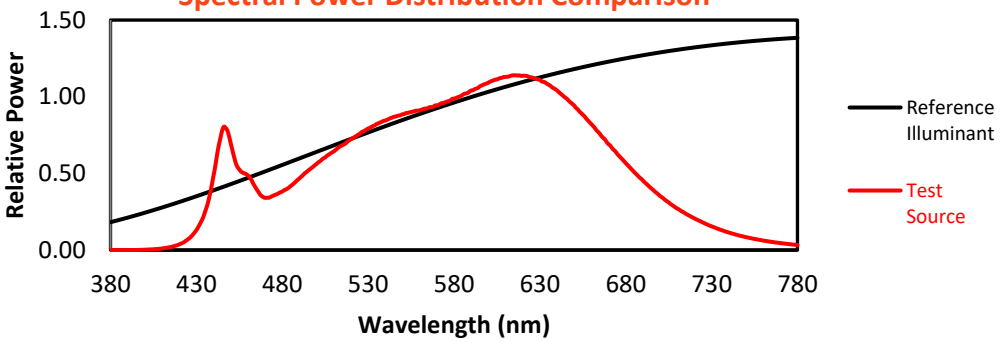
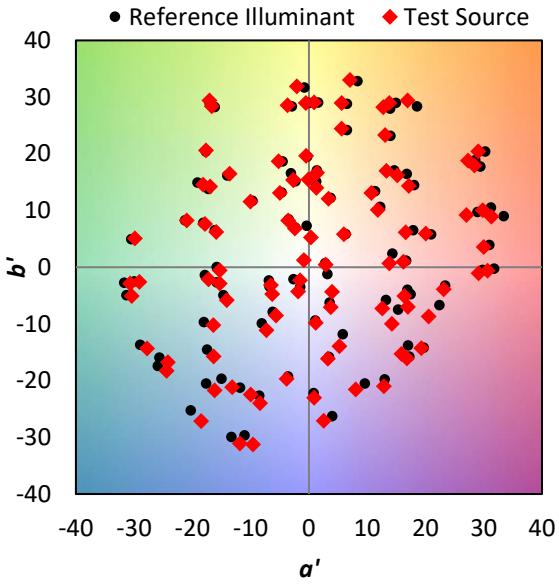
Summary

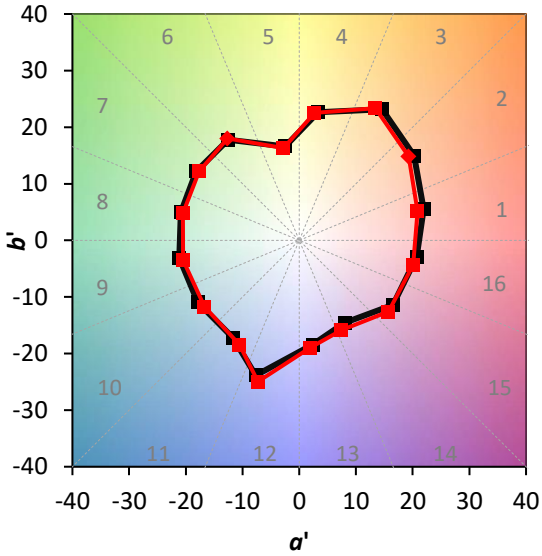
R_f = 92.3
R_g = 98.5
CIE R_a = 92.2
R_9 = 59.8

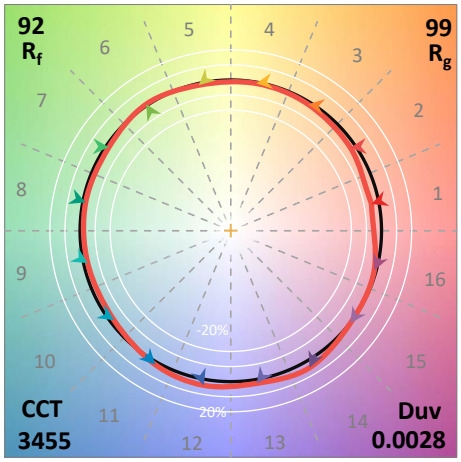
Spectral Power Distribution Comparison

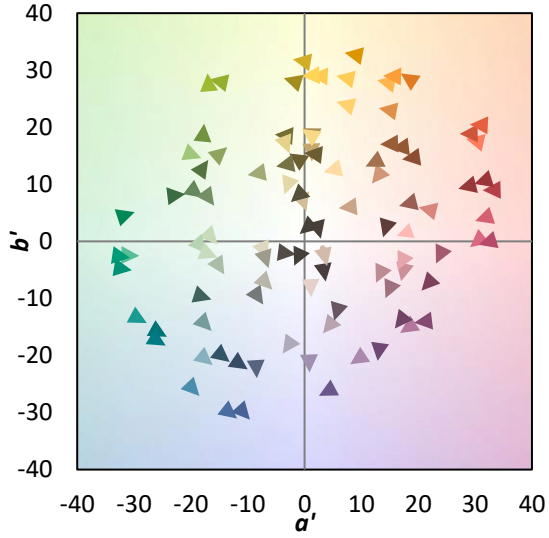


Color Vector Graphics









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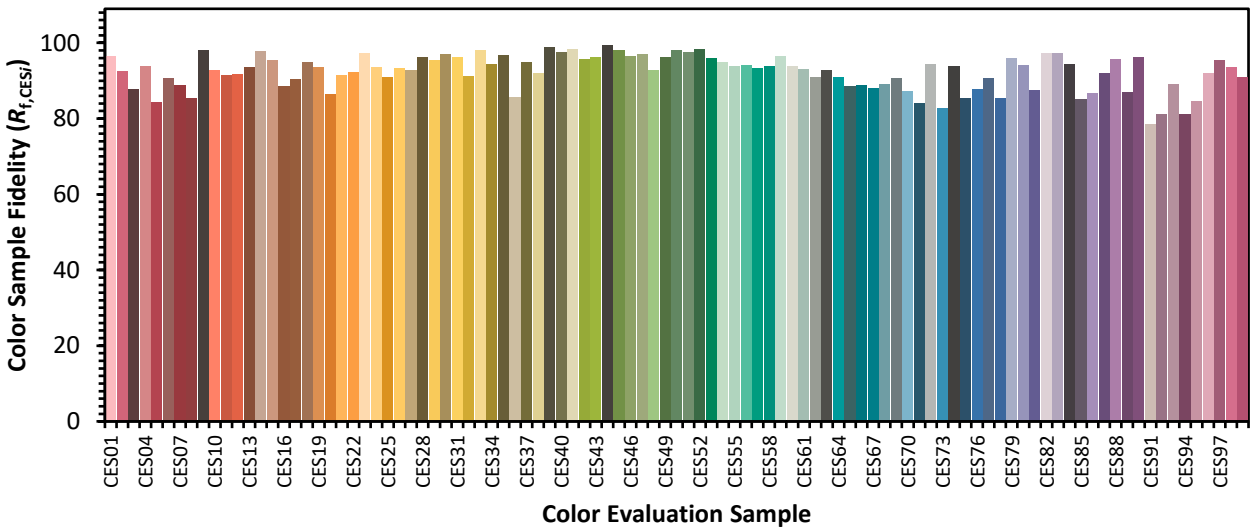
Individual Sample Fidelity Index ($R_{f,i}$)

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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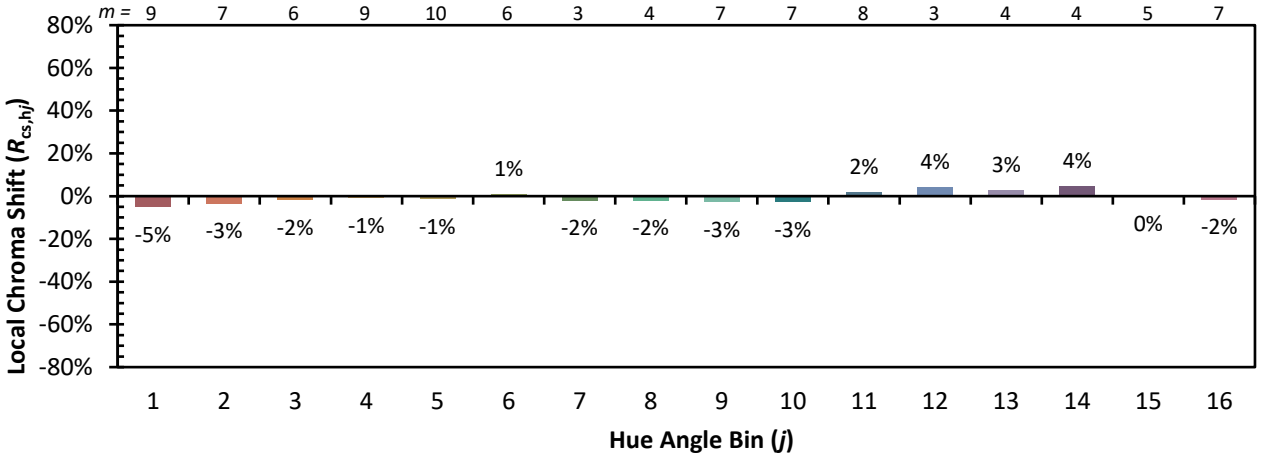
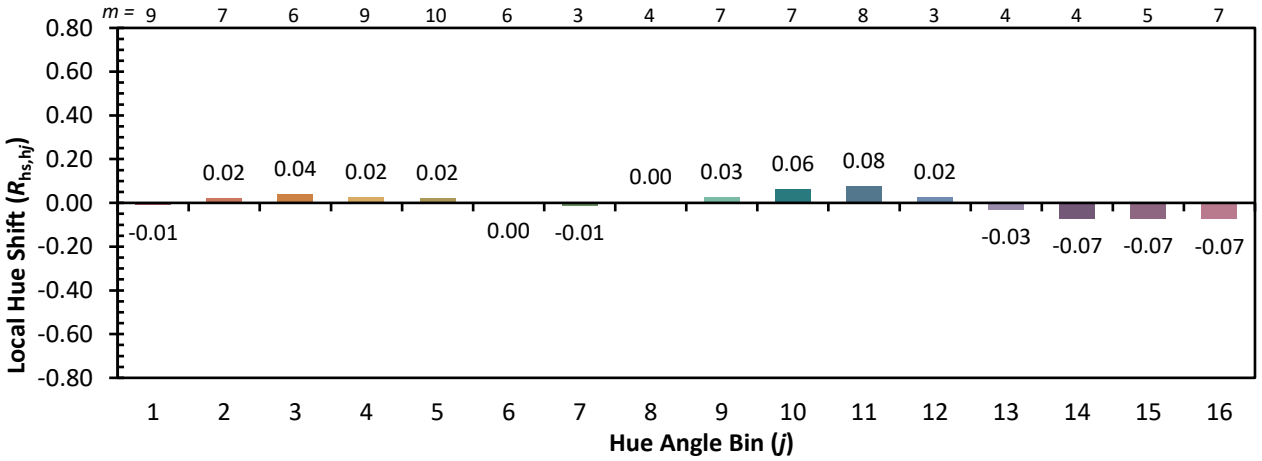
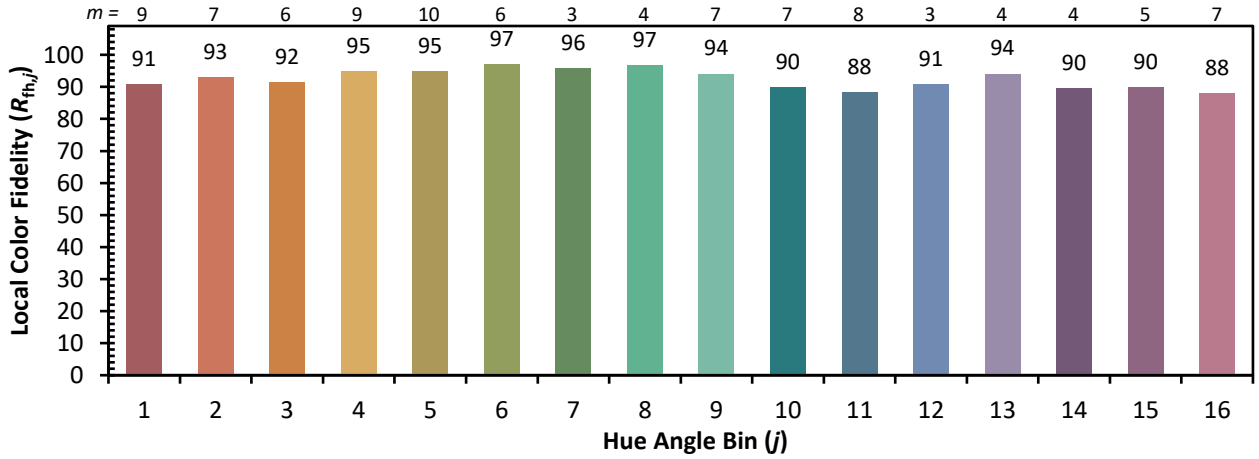
Color Rendition by Hue-Angle Bin







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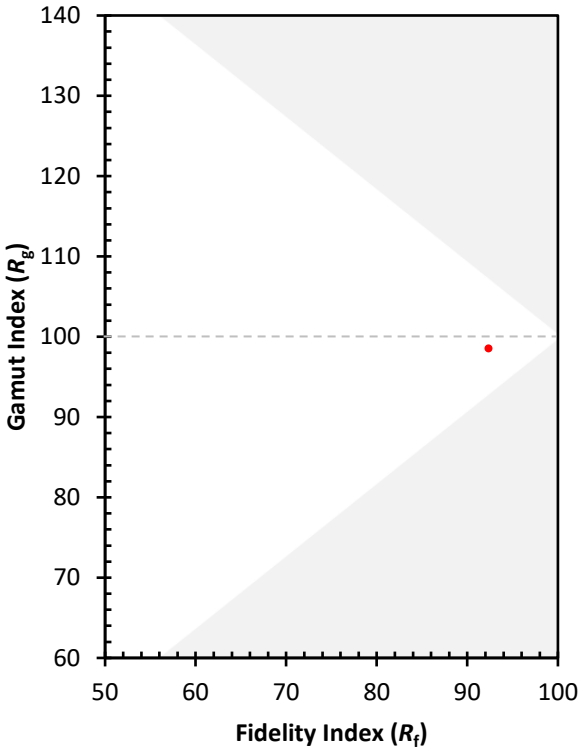
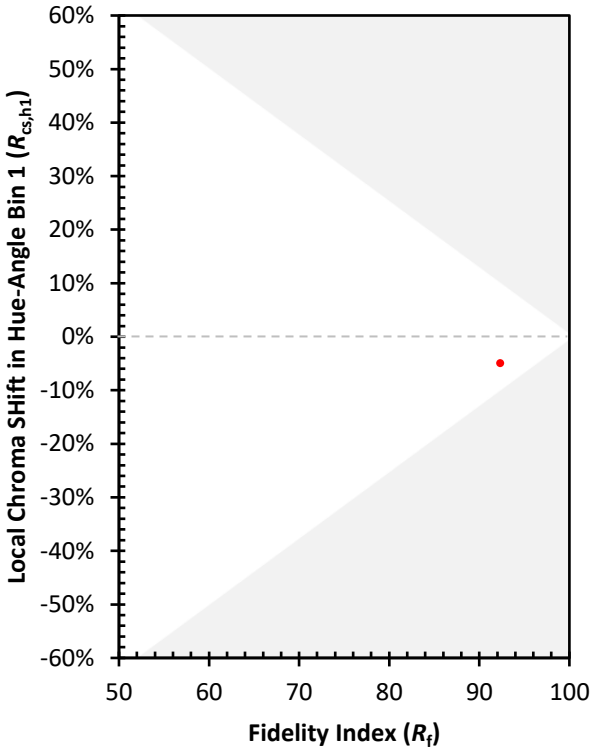
Measure Comparisons





(END OF REPORT)