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: P1458003

Luminaire Tested: GLAN-SB5A-935-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:	P1458003
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB5A-935-U-T2LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 5xLight Square PACKAGE 90CRI 3500K FIXTURE w/ TYPE II 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:	11426.1 lumens
Efficiency:	N/A
Efficacy:	80.6 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type II - 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: P1458003
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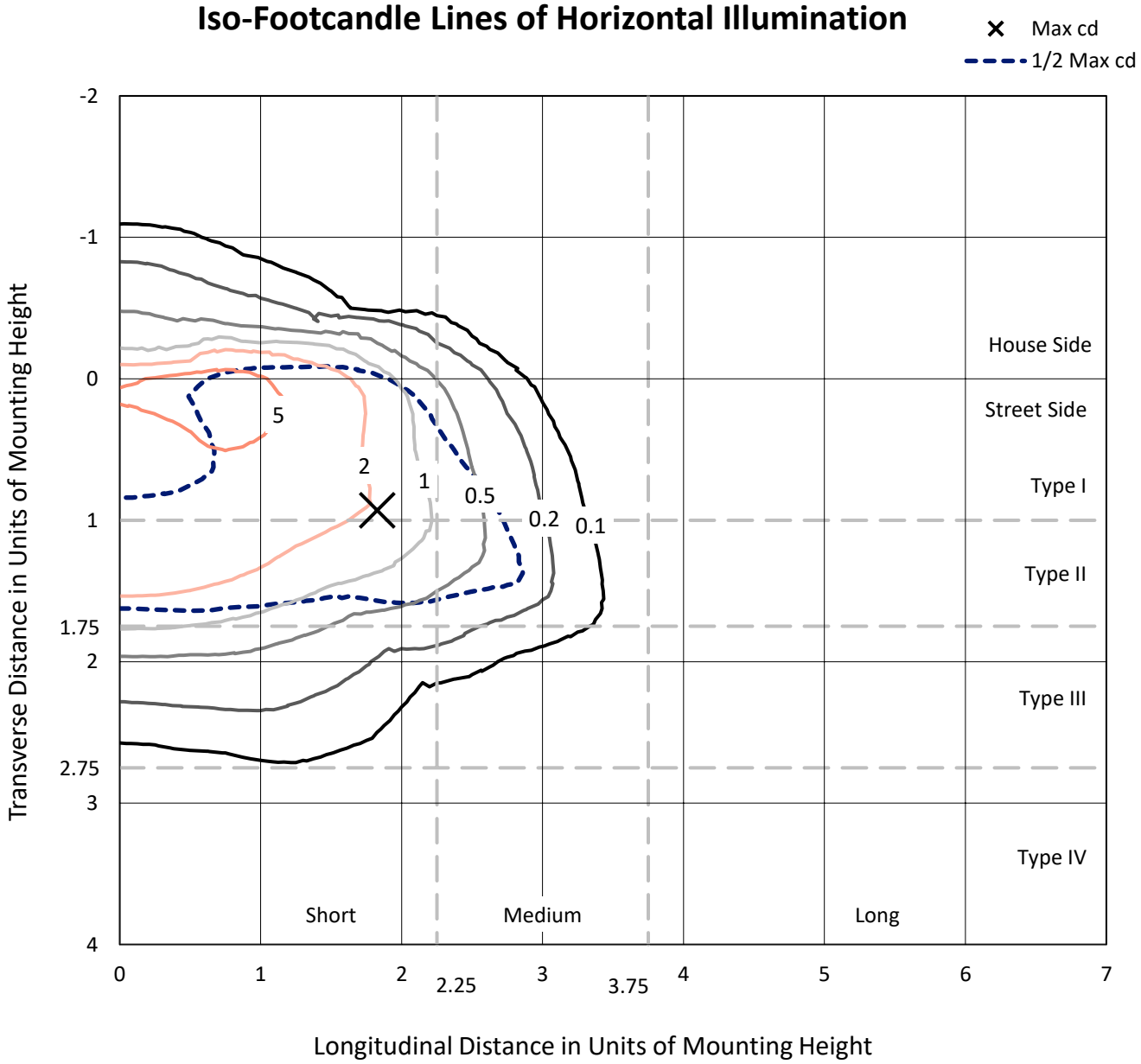
Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 8.2 fc
Type II - Short - N/A

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REPORT NUMBER: P1458003
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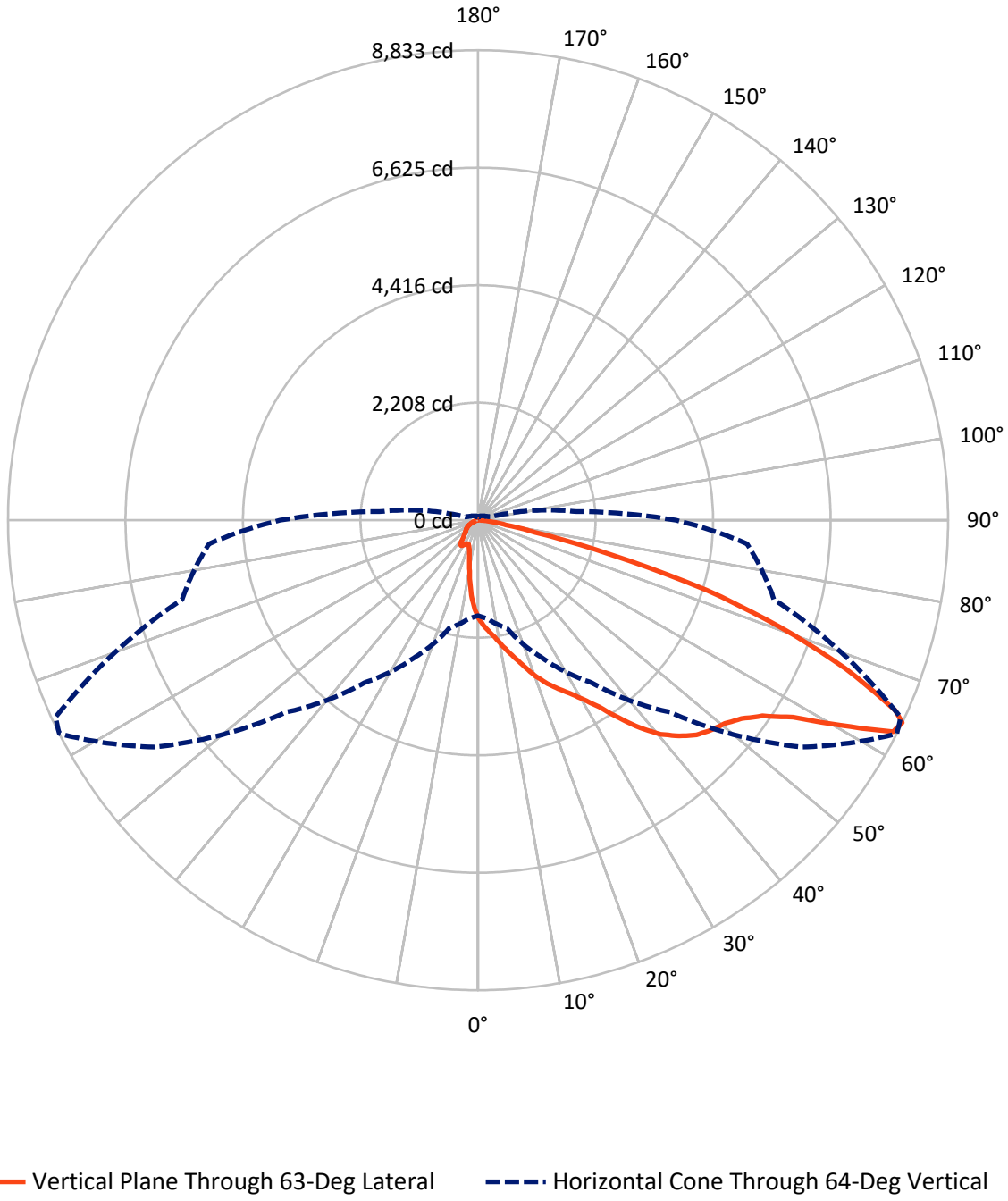
Luminous Intensity Polar Plot



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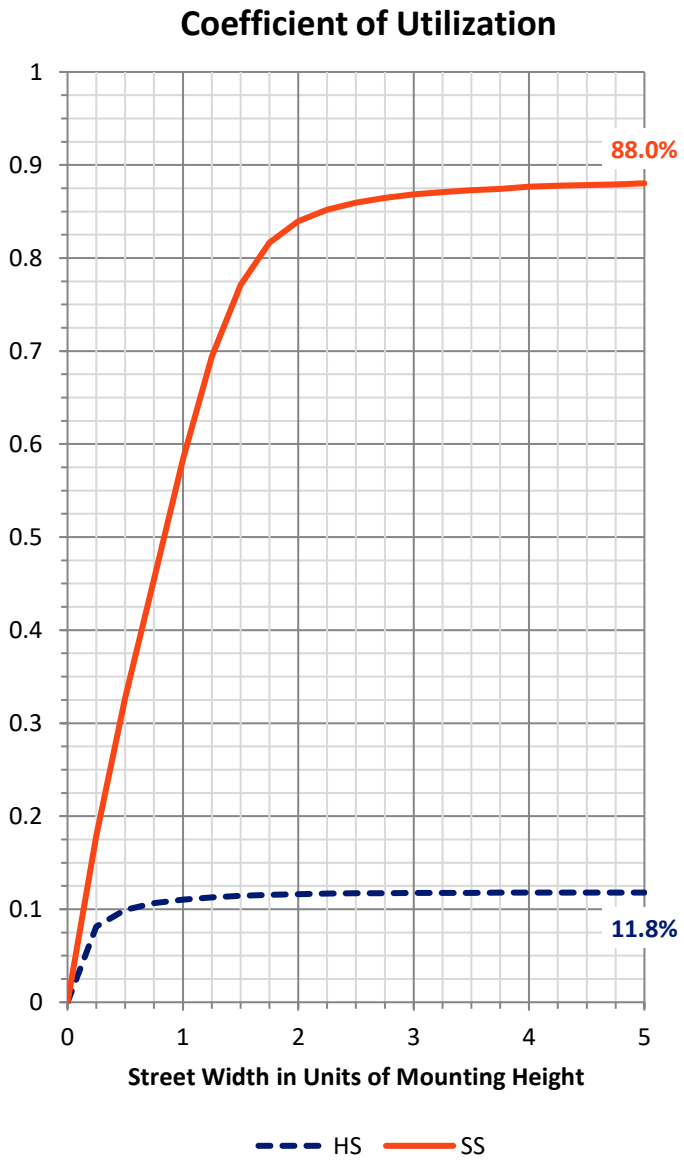
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1355.9	0.0	1355.9
	% Fixture	11.9	0.0	11.9
Street Side	Lumens	10070.2	0.0	10070.2
	% Fixture	88.1	0.0	88.1
Total	Lumens	11426.1	0.0	11426.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	155.6	1.4
10°-20°	437.2	3.8
20°-30°	778.6	6.8
30°-40°	1487.2	13.0
40°-50°	2465.1	21.6
50°-60°	3072.8	26.9
60°-70°	2291.3	20.1
70°-80°	657.1	5.8
80°-90°	81.2	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°	11426.1	100.0
0°-180°	11426.1	100.0



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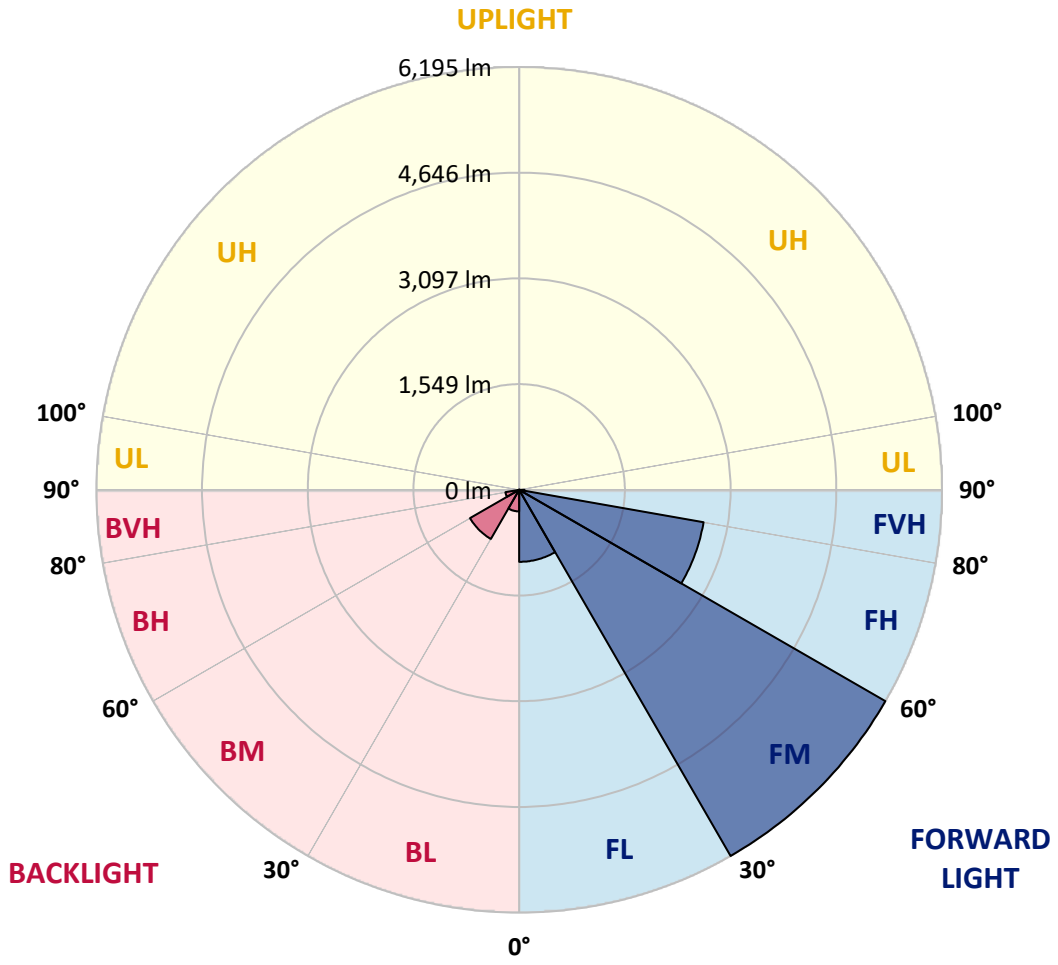
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1055.1	9.2			
FM	(30°-60°)	6194.6	54.2			
FH	(60°-80°)	2743.3	24.0			G2/5000
FVH	(80°-90°)	77.3	0.7			G1/100
BL	(0°-30°)	316.3	2.8	B1/500		
BM	(30°-60°)	830.5	7.3	B1/1000		
BH	(60°-80°)	205.1	1.8	B1/500		G1/500
BVH	(80°-90°)	4.0	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 II Short



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REPORT NUMBER: P1458003
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	63°	65°	75°	85°
0°	1847.5	1847.5	1847.5	1847.5	1847.5	1847.5	1847.5	*1847.5*	1847.5	1847.5	1847.5
2.5°	2070.3	2063.4	2056.6	2046.3	2032.6	2018.8	2001.7	*1977.7*	1967.4	1933.2	1892.0
5°	2176.5	2176.5	2173.1	2166.2	2159.4	2145.7	2125.1	*2094.3*	2080.5	2032.6	1960.6
7.5°	2203.9	2207.4	2217.6	2231.4	2251.9	2248.5	2248.5	*2214.2*	2207.4	2156.0	2060.0
10°	2156.0	2159.4	2186.8	2224.5	2286.2	2344.5	2385.6	*2365.0*	2354.8	2303.3	2183.4
12.5°	2087.4	2087.4	2132.0	2190.2	2286.2	2395.9	2515.8	*2536.4*	2539.8	2481.6	2337.6
15°	1909.2	1916.0	1988.0	2104.5	2262.2	2433.6	2635.8	*2714.6*	2735.2	2697.5	2526.1
17.5°	1672.7	1679.5	1751.5	1909.2	2145.7	2433.6	2738.6	*2920.3*	2947.7	2954.6	2766.1
20°	1573.3	1573.3	1614.4	1734.4	1981.1	2368.5	2800.3	*3139.7*	3201.4	3276.8	3030.0
22.5°	1587.0	1587.0	1611.0	1679.5	1878.3	2279.3	2838.0	*3335.0*	3461.9	3653.8	3369.3
25°	1662.4	1662.4	1682.9	1727.5	1888.6	2265.6	2910.0	*3509.8*	3712.1	4075.4	3756.6
27.5°	1782.3	1778.9	1796.1	1840.6	1988.0	2330.8	3030.0	*3684.7*	3910.9	4548.4	4202.2
30°	1957.2	1946.9	1953.7	2005.1	2149.1	2481.6	3204.8	*3907.4*	4137.1	5066.0	4695.8
32.5°	2361.6	2358.2	2258.8	2231.4	2385.6	2724.9	3444.7	*4185.1*	4442.2	5614.4	5203.1
35°	3091.7	3139.7	2999.1	2639.2	2670.1	3050.6	3787.5	*4562.1*	4798.6	6197.1	5754.9
37.5°	3832.0	3832.0	3773.8	3348.8	3132.8	3410.4	4157.7	*4949.4*	5196.2	6666.7	6286.2
40°	4418.2	4449.0	4380.5	4061.7	3780.6	3821.8	4527.8	*5288.8*	5515.0	6954.6	6663.2
42.5°	4853.5	4846.6	4819.2	4610.1	4452.4	4359.9	4863.7	*5542.4*	5758.3	7102.0	6899.7
45°	5323.0	5323.0	5285.3	5114.0	4983.7	4904.9	5114.0	*5754.9*	5981.1	7191.1	7047.1
47.5°	5813.2	5806.3	5768.6	5580.1	5439.6	5323.0	5367.6	*5892.0*	6118.2	7132.8	7071.1
50°	5933.2	5926.3	6012.0	6018.8	5892.0	5669.2	5569.8	*6008.6*	6207.4	7136.2	7146.5
52.5°	5792.6	5833.8	5960.6	6114.8	6258.8	6025.7	5785.8	*6193.6*	6399.3	7232.2	7335.0
55°	5443.0	5460.1	5703.5	5950.3	6286.2	6368.5	6132.0	*6488.4*	6670.1	7324.8	7503.0
57.5°	4791.8	4856.9	5117.4	5545.8	6056.5	6399.3	6735.2	*6982.0*	7119.1	7362.5	7410.4
60°	3616.1	3650.4	4215.9	4771.2	5580.1	6152.5	7297.3	*7818.3*	7801.2	6937.4	6762.6
62.5°	2200.5	2231.4	2635.8	3516.7	4534.7	5638.4	7485.8	*8754.1*	8661.5	6221.1	5693.2
64°	*1792.6*	*1850.9*	*2101.1*	*2855.2*	*3729.2*	*5100.2*	*7431.0*	*8832.9*	*8760.9*	*5758.3*	*5072.8*
65°	1532.1	1611.0	1868.0	2478.1	3170.5	4521.0	7280.2	*8613.5*	8565.5	5477.3	4558.7
67.5°	963.2	1000.9	1381.3	1926.3	2183.4	2892.9	6258.8	*7448.1*	7533.8	4880.9	3362.5
70°	716.4	733.5	949.4	1491.0	1703.5	1682.9	4298.2	*6032.6*	6053.1	3904.0	2029.1
72.5°	521.0	524.4	665.0	1103.7	1333.3	1148.2	2265.6	*4483.3*	4335.9	2286.2	1107.1
75°	346.2	359.9	466.2	778.1	1038.6	843.2	1031.7	*2553.6*	2509.0	1117.4	634.1
77.5°	253.6	257.1	315.3	521.0	815.8	620.4	623.8	*1100.3*	1134.5	665.0	401.0
80°	144.0	150.8	205.7	318.8	531.3	425.0	349.6	*531.3*	610.1	452.4	267.4
82.5°	85.7	92.5	147.4	209.1	363.3	174.8	178.2	*291.3*	363.3	325.6	144.0
85°	51.4	54.8	92.5	113.1	215.9	116.5	65.1	*144.0*	188.5	191.9	78.8
87.5°	34.3	34.3	51.4	48.0	61.7	54.8	27.4	*37.7*	48.0	65.1	30.8
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: P1458003
CATALOG NUMBER: GLAN-SB5A-935-U-T2LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1847.5	1847.5	1847.5	1847.5	1847.5	1847.5	1847.5	1847.5	1847.5	1847.5	1847.5
2.5°	1857.8	1837.2	1775.5	1693.2	1617.8	1559.6	1487.6	1439.6	1395.0	1395.0	1357.3
5°	1902.3	1847.5	1696.7	1508.1	1305.9	1114.0	990.6	853.5	808.9	771.2	778.1
7.5°	1977.7	1878.3	1611.0	1271.6	949.4	743.8	606.7	545.0	517.6	500.4	503.9
10°	2070.3	1933.2	1508.1	1031.7	699.2	545.0	479.9	455.9	445.6	442.2	442.2
12.5°	2197.1	1998.3	1405.3	829.5	551.8	469.6	435.3	421.6	411.3	404.5	404.5
15°	2347.9	2080.5	1285.3	682.1	483.3	431.9	404.5	390.7	377.0	373.6	373.6
17.5°	2539.8	2166.2	1179.1	586.1	449.0	404.5	377.0	359.9	349.6	346.2	346.2
20°	2752.4	2272.5	1072.8	531.3	425.0	377.0	349.6	335.9	325.6	318.8	322.2
22.5°	3023.1	2406.2	1004.3	503.9	404.5	353.0	325.6	311.9	301.6	294.8	298.2
25°	3321.3	2574.1	966.6	503.9	390.7	335.9	305.1	291.3	281.1	274.2	274.2
27.5°	3684.7	2762.6	970.0	524.4	387.3	322.2	287.9	274.2	263.9	253.6	253.6
30°	4085.7	2985.4	1007.7	562.1	394.2	308.5	274.2	253.6	246.8	236.5	236.5
32.5°	4510.7	3242.5	1103.7	610.1	387.3	291.3	253.6	236.5	226.2	219.4	219.4
35°	4959.7	3533.8	1223.6	630.7	353.0	267.4	236.5	219.4	212.5	209.1	205.7
37.5°	5388.2	3787.5	1288.8	589.5	308.5	246.8	215.9	198.8	195.4	188.5	188.5
40°	5720.6	3996.6	1251.1	503.9	284.5	226.2	198.8	181.7	174.8	168.0	168.0
42.5°	5916.0	4072.0	1114.0	428.4	267.4	205.7	181.7	164.5	157.7	154.2	154.2
45°	6029.1	4061.7	952.9	383.9	250.2	188.5	164.5	154.2	144.0	140.5	137.1
47.5°	6025.7	3955.4	836.3	346.2	233.1	174.8	154.2	144.0	133.7	130.2	130.2
50°	6001.7	3797.8	706.1	318.8	219.4	164.5	144.0	137.1	126.8	123.4	120.0
52.5°	6060.0	3708.6	589.5	301.6	202.2	157.7	140.5	130.2	116.5	113.1	113.1
55°	6132.0	3657.2	473.0	284.5	188.5	154.2	133.7	123.4	109.7	106.3	106.3
57.5°	5922.9	3461.9	390.7	257.1	171.4	147.4	126.8	120.0	106.3	96.0	96.0
60°	5264.8	2862.0	322.2	226.2	157.7	137.1	120.0	109.7	96.0	82.3	82.3
62.5°	4281.1	2183.4	267.4	191.9	147.4	126.8	109.7	99.4	82.3	65.1	65.1
64°	*3718.9*	*1854.3*	*239.9*	*168.0*	*140.5*	*116.5*	*99.4*	*89.1*	*72.0*	*54.8*	*51.4*
65°	3335.0	1638.4	222.8	157.7	137.1	109.7	96.0	85.7	65.1	51.4	48.0
67.5°	2347.9	1100.3	178.2	130.2	120.0	92.5	82.3	72.0	58.3	44.6	41.1
70°	1367.6	623.8	140.5	109.7	92.5	72.0	68.6	65.1	51.4	34.3	34.3
72.5°	743.8	311.9	106.3	89.1	72.0	51.4	58.3	51.4	41.1	27.4	24.0
75°	455.9	191.9	78.8	65.1	48.0	37.7	44.6	37.7	24.0	17.1	13.7
77.5°	305.1	123.4	58.3	44.6	30.8	24.0	30.8	20.6	10.3	3.4	3.4
80°	188.5	85.7	37.7	27.4	17.1	10.3	6.9	3.4	3.4	0.0	0.0
82.5°	82.3	54.8	20.6	13.7	6.9	3.4	3.4	0.0	0.0	0.0	0.0
85°	44.6	17.1	6.9	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	13.7	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

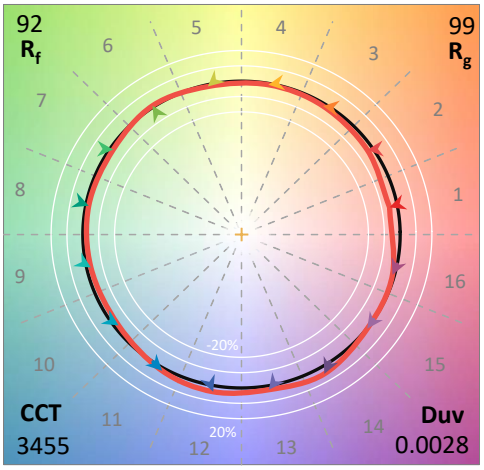
Test Information

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
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

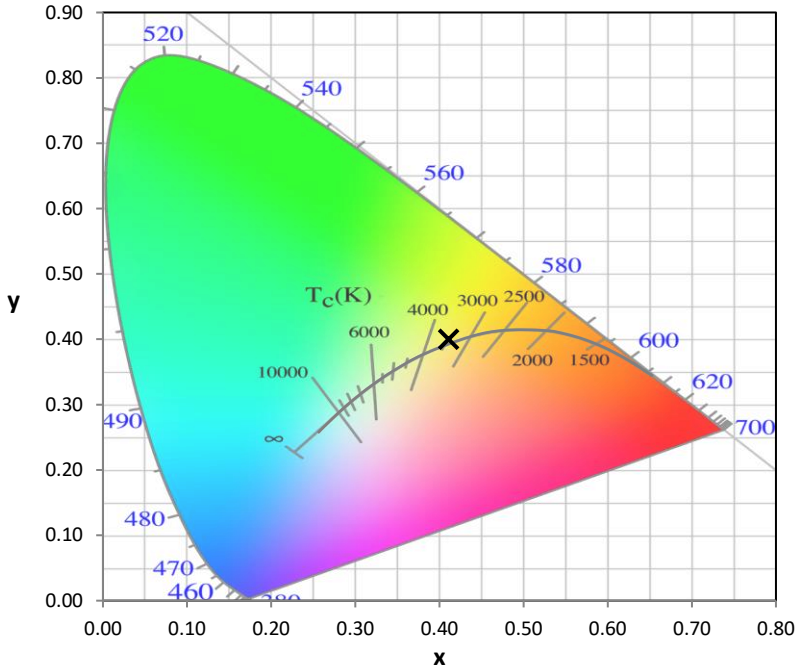
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-15

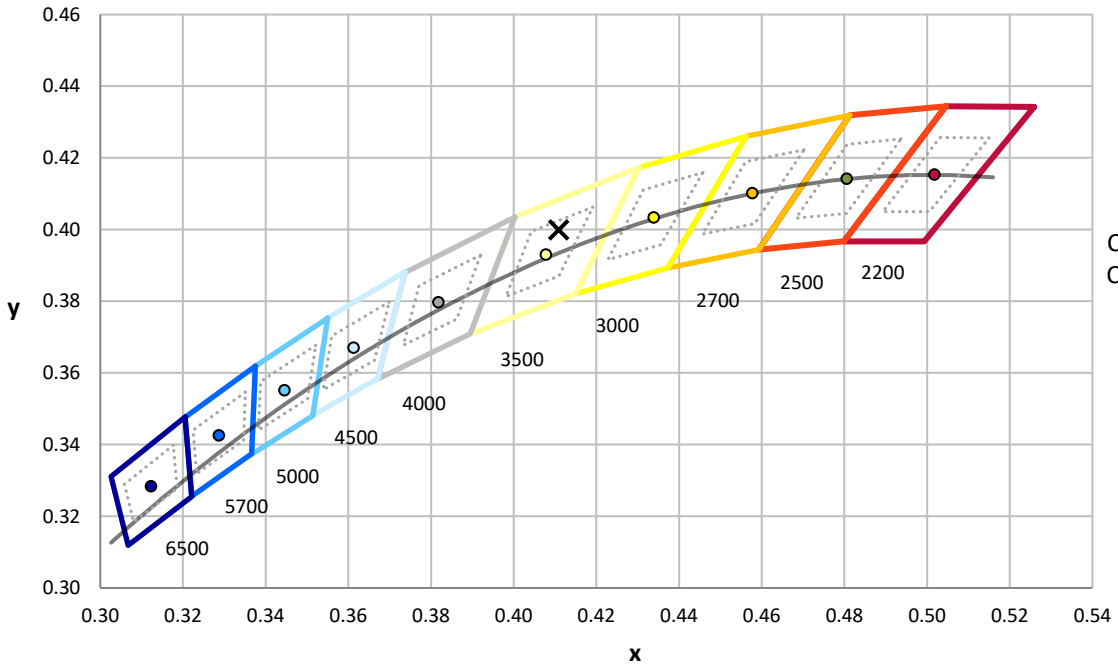
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

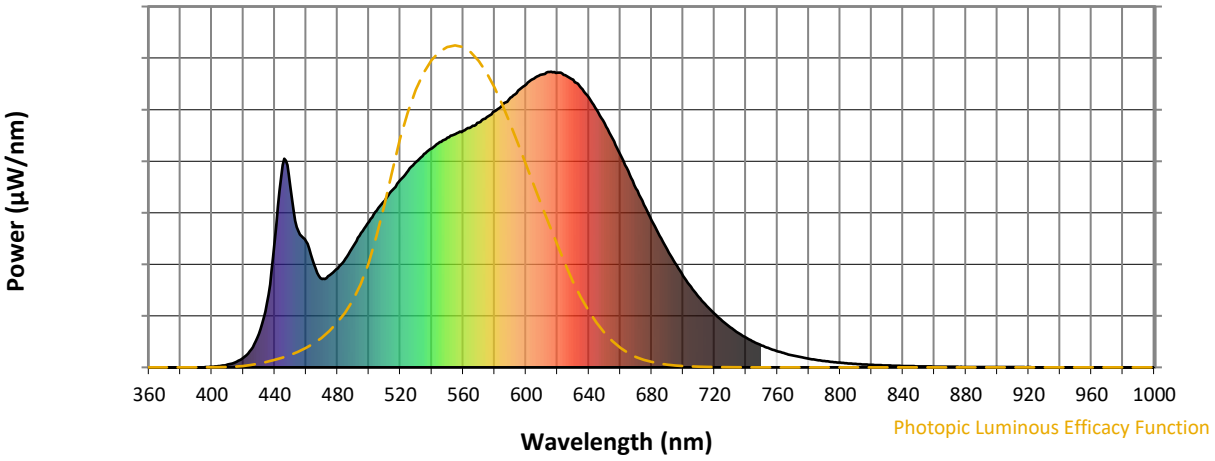


CCT = 3455K
CIE x = 0.4109
CIE y = 0.3999
Duv = 0.0028

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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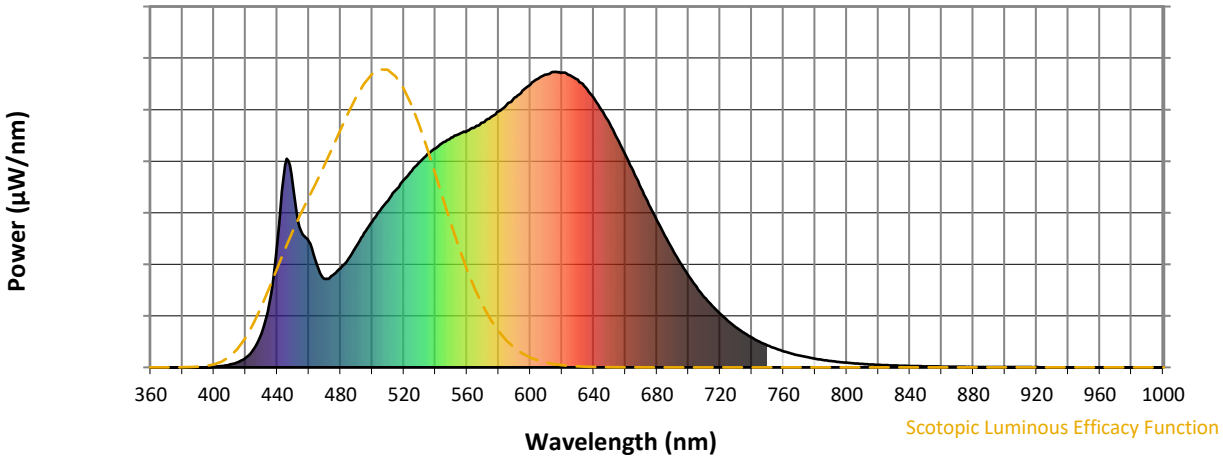
Scotopic Flux vs. Wavelength



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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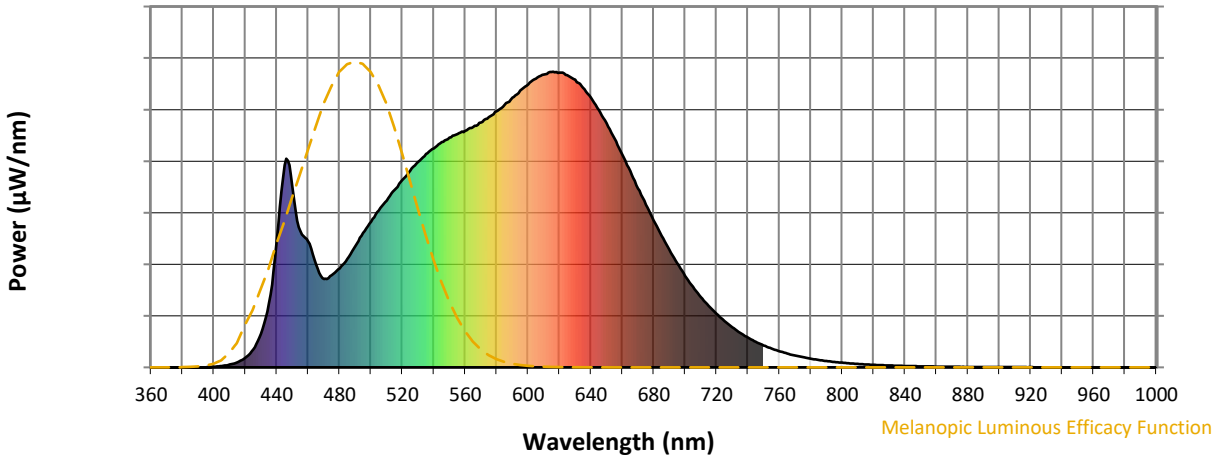
Melanopic Flux vs. Wavelength



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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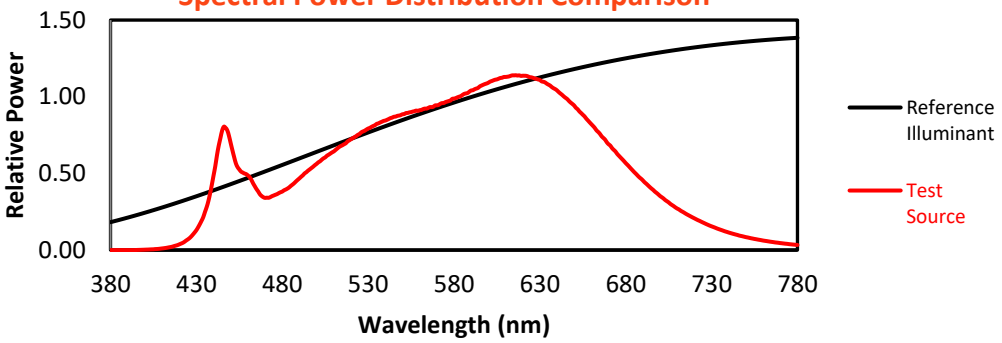
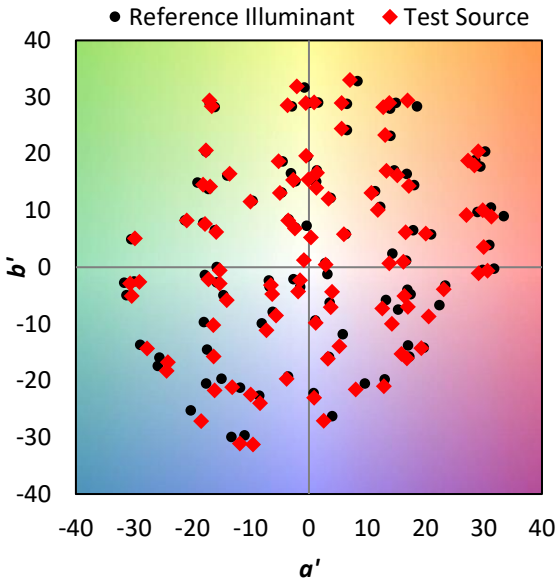
Summary

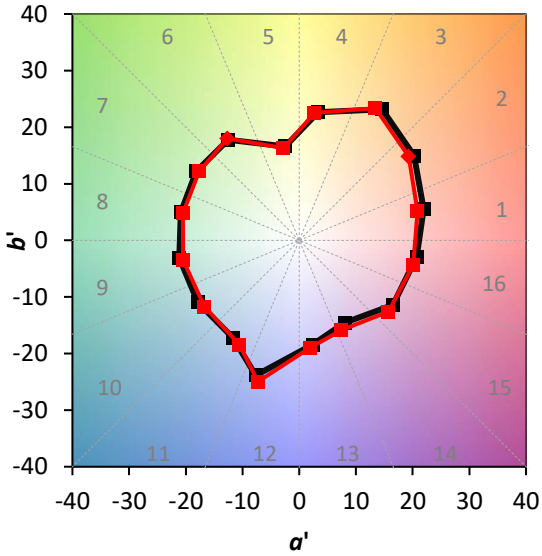
R_f = 92.3
R_g = 98.5
CIE R_a = 92.2
R_9 = 59.8

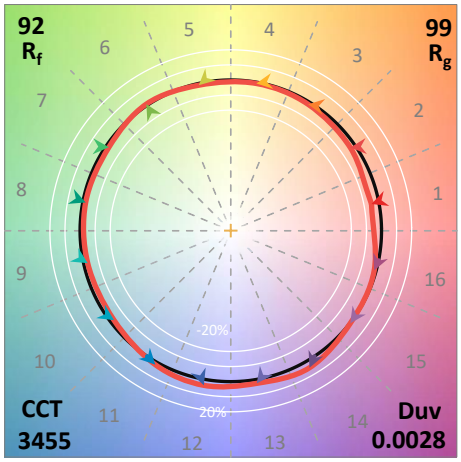
Spectral Power Distribution Comparison

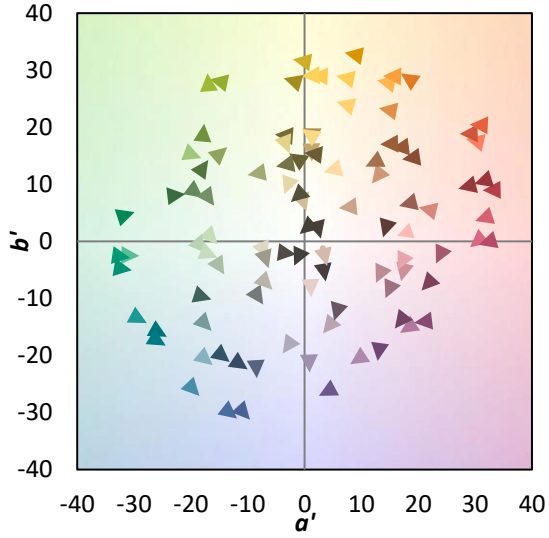


Color Vector Graphics









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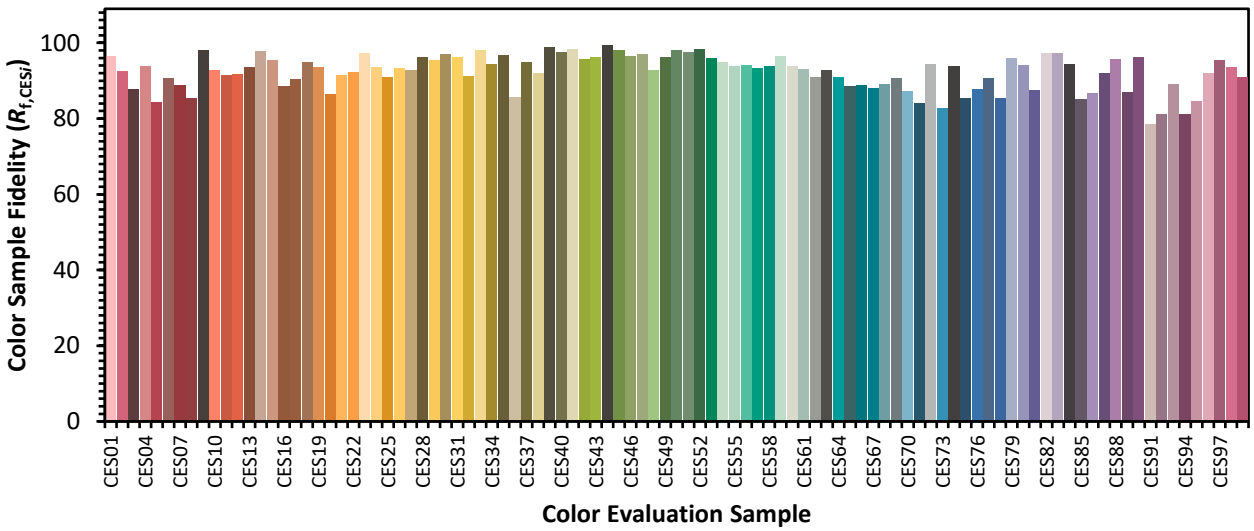
Individual Sample Fidelity Index ($R_{f,i}$)

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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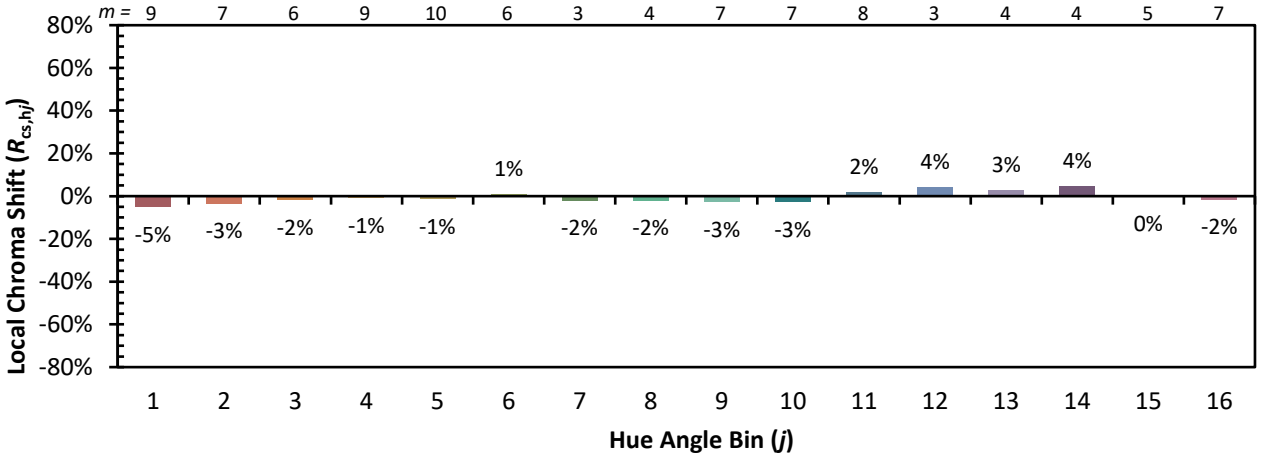
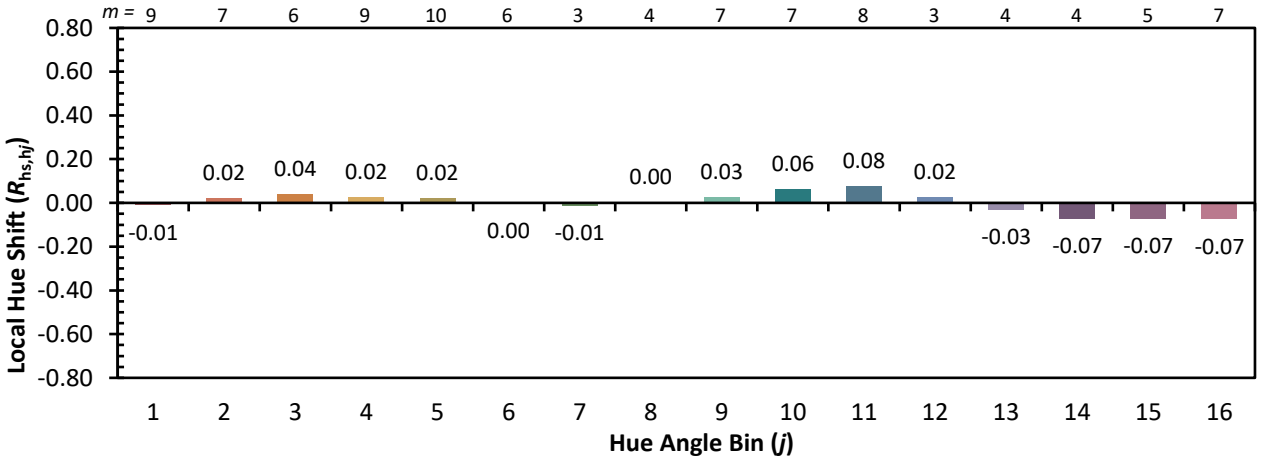
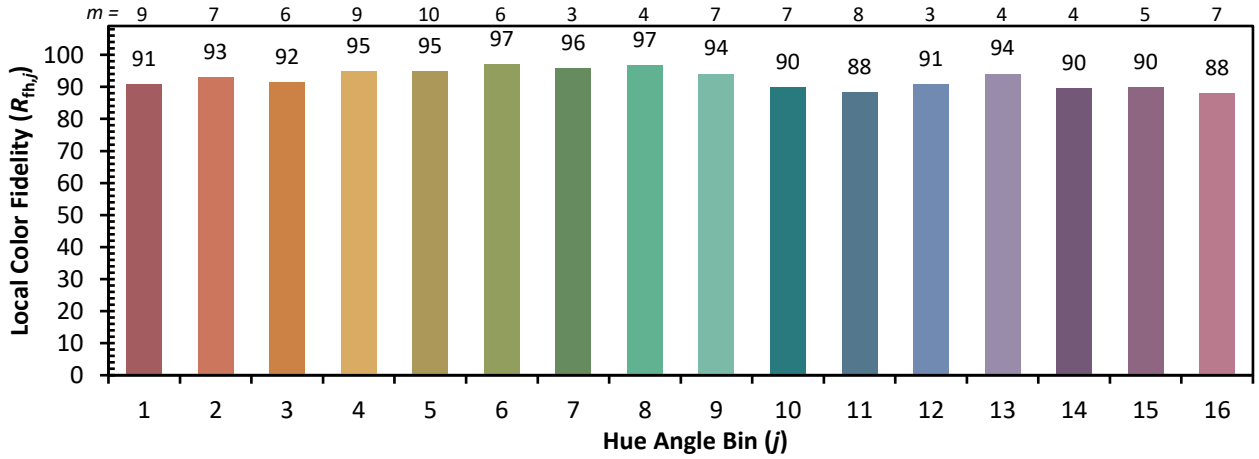
Color Rendition by Hue-Angle Bin







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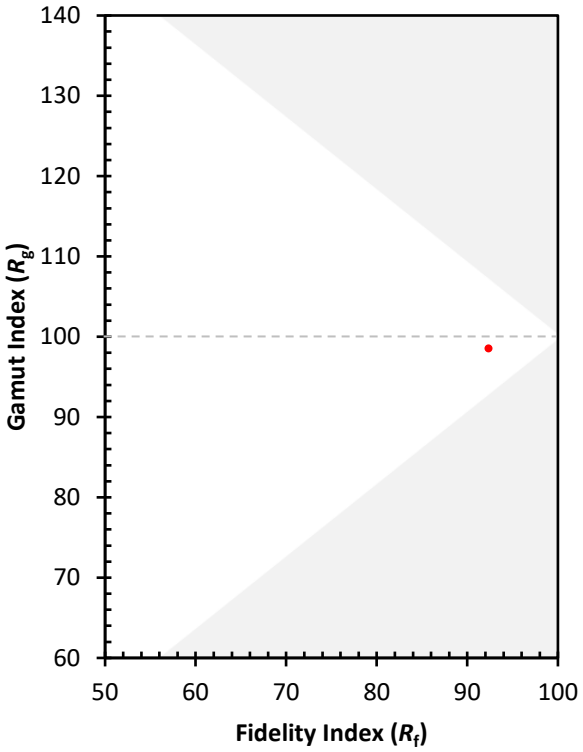
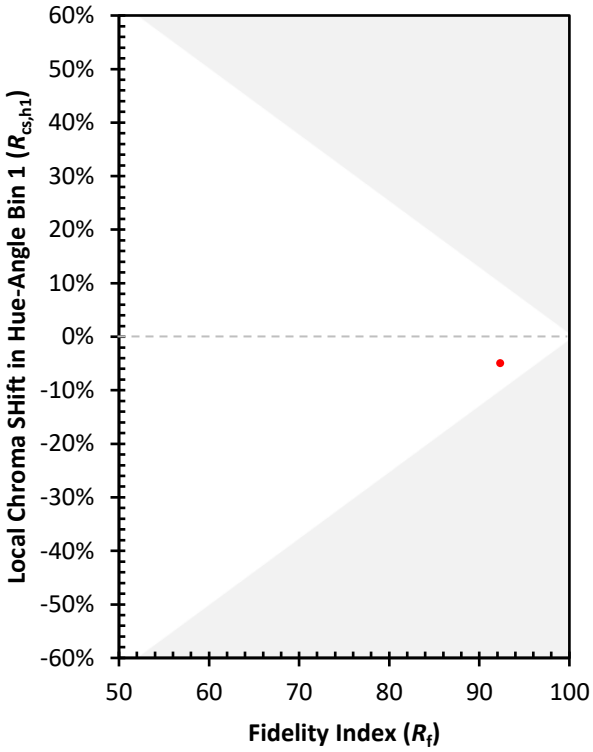
Measure Comparisons





(END OF REPORT)