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: P1457279

Luminaire Tested: GLAN-SB4A-840-U-T4LG

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:	P1457279
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB4A-840-U-T4LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 4xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE IV LOW GLARE
Light Source:	(104) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	16827.3 lumens
Efficiency:	N/A
Efficacy:	147.6 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - U0 - G3

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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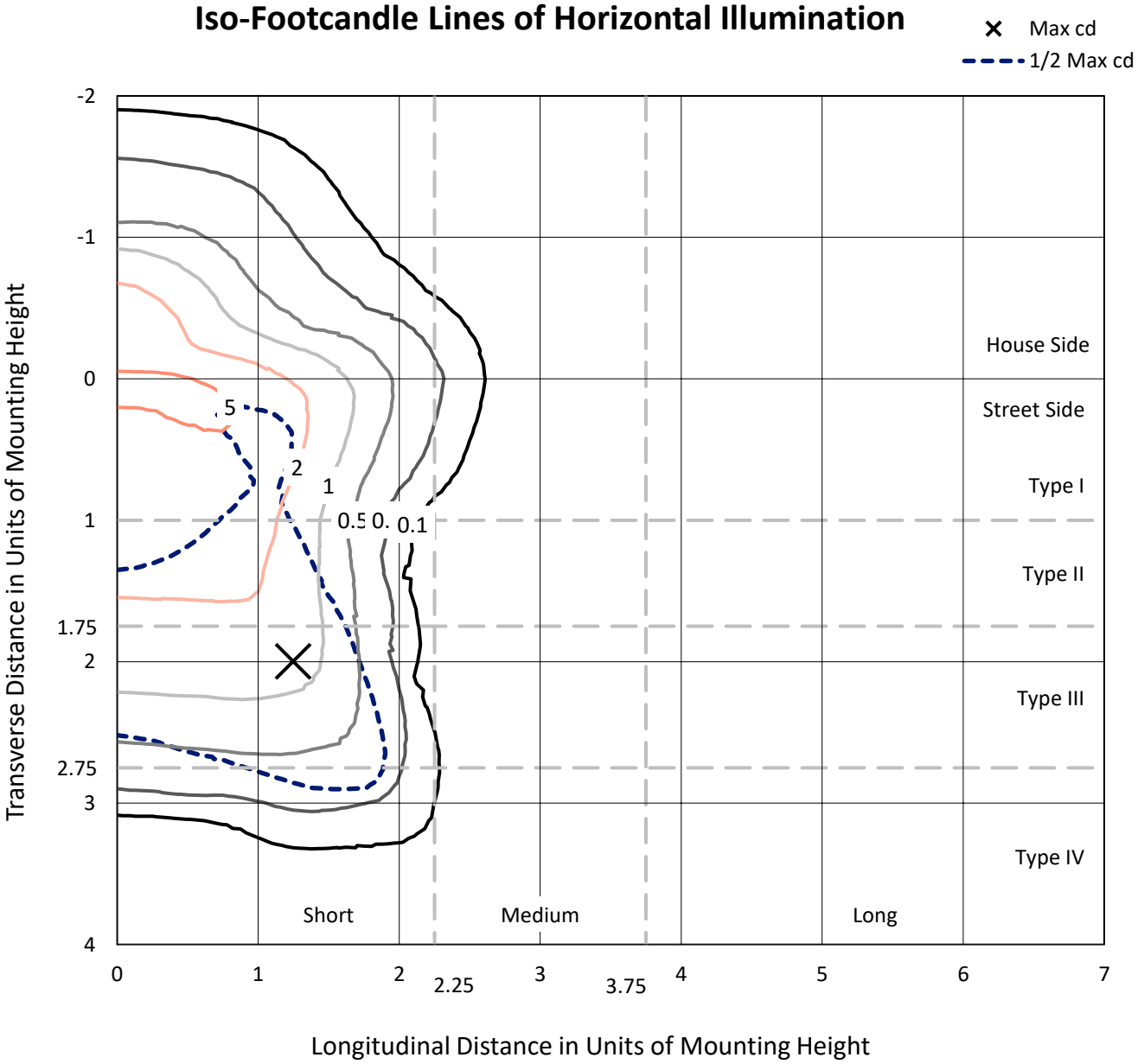
REPORT NUMBER: P1457279
CATALOG NUMBER: GLAN-SB4A-840-U-T4LG

Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 6.6 fc
Type IV - Short - N/A

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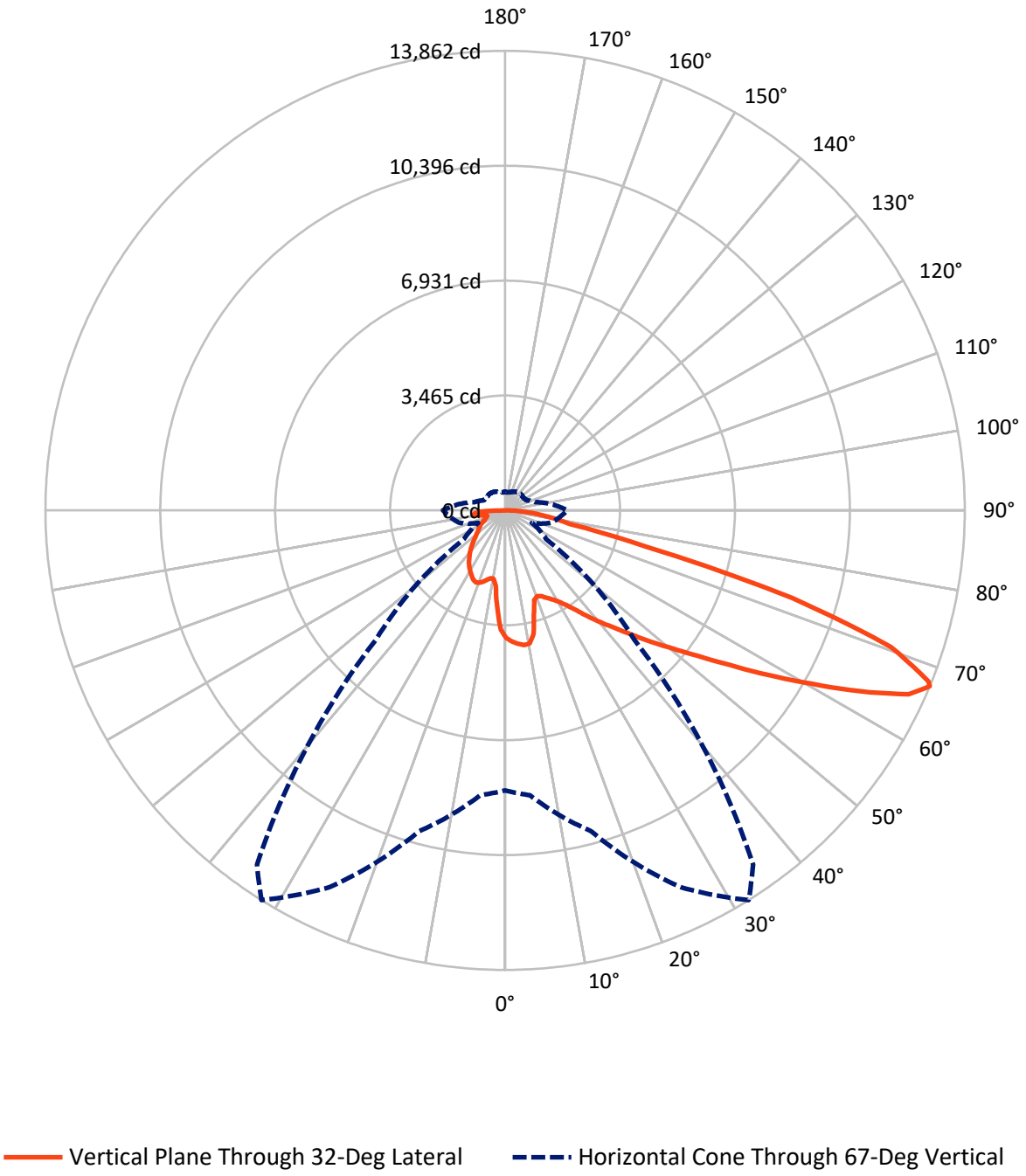
Luminous Intensity Polar Plot



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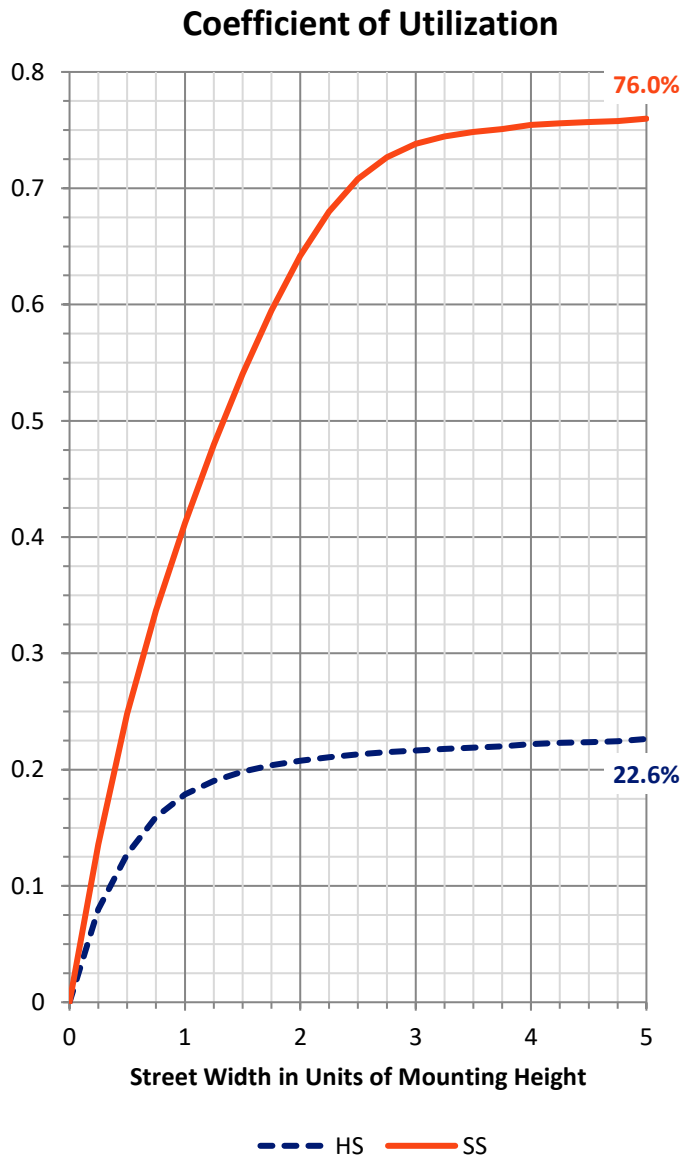
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3983.8	0.0	3983.8
	% Fixture	23.7	0.0	23.7
Street Side	Lumens	12843.5	0.0	12843.5
	% Fixture	76.3	0.0	76.3
Total	Lumens	16827.3	0.0	16827.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	335.9	2.0
10°-20°	891.9	5.3
20°-30°	1456.6	8.7
30°-40°	2146.8	12.8
40°-50°	2960.6	17.6
50°-60°	3740.1	22.2
60°-70°	3619.8	21.5
70°-80°	1291.9	7.7
80°-90°	383.6	2.3
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°	16827.3	100.0
0°-180°	16827.3	100.0



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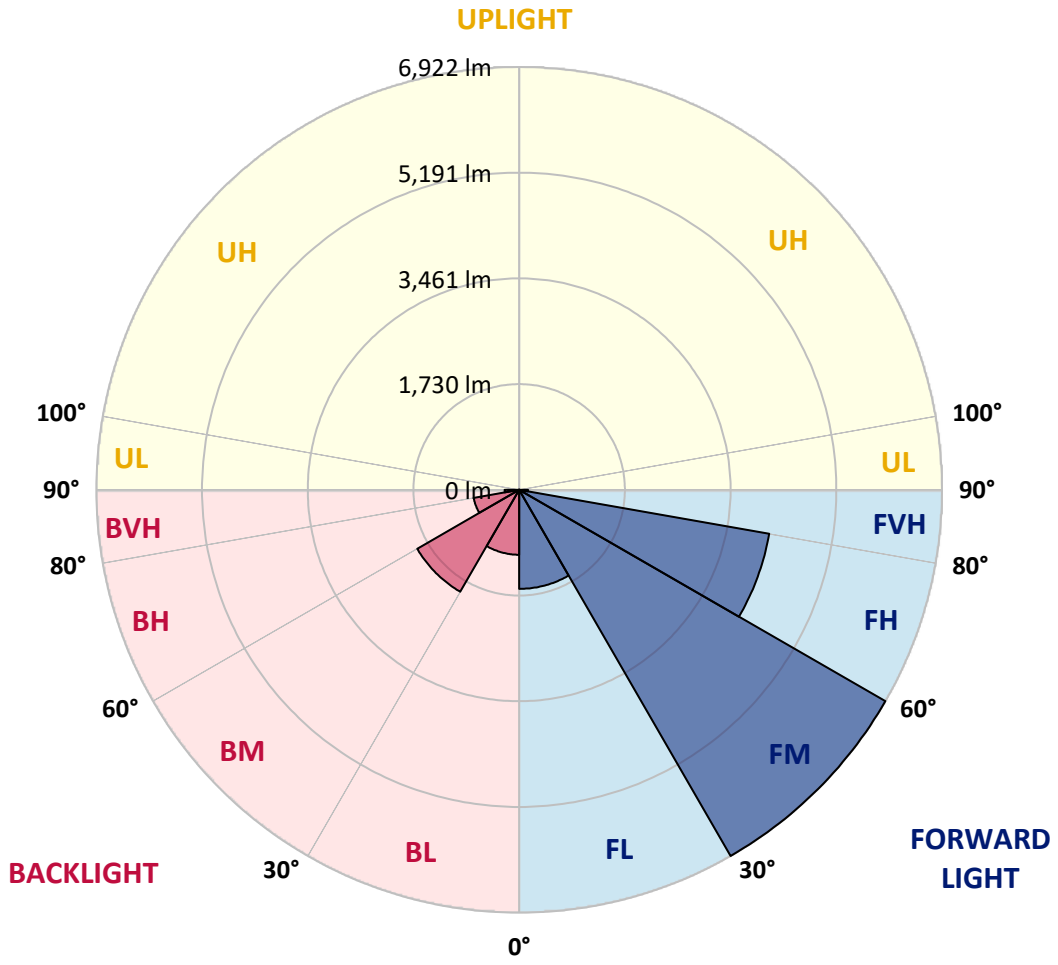
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1621.3	9.6			
FM	(30°-60°)	6921.6	41.1			
FH	(60°-80°)	4156.0	24.7			G2/5000
FVH	(80°-90°)	144.6	0.9			G2/225
BL	(0°-30°)	1063.1	6.3	B3/2500		
BM	(30°-60°)	1926.0	11.4	B2/2500		
BH	(60°-80°)	755.7	4.5	B2/1000		G2/1000
BVH	(80°-90°)	239.1	1.4			G3/500
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	32°	35°	45°	55°	65°	75°	85°
0°	3844.7	3844.7	3844.7	3844.7	3844.7	3844.7	3844.7	3844.7	3844.7	3844.7	3844.7
2.5°	3990.4	3979.2	3968.0	3975.5	3960.5	3956.8	3938.1	3930.6	3908.2	3904.5	3863.4
5°	4072.6	4050.2	4046.5	4053.9	4039.0	4039.0	4024.1	4012.8	3979.2	3960.5	3900.8
7.5°	4072.6	4068.9	4076.4	4102.5	4106.3	4106.3	4106.3	4110.0	4076.4	4050.2	3956.8
10°	3841.0	3803.6	3885.8	4016.6	4080.1	4117.5	4184.7	4225.8	4199.7	4181.0	4053.9
12.5°	3149.7	3153.5	3284.3	3564.5	3818.6	3926.9	4207.1	4356.6	4367.8	4337.9	4177.2
15°	2671.5	2690.2	2757.4	2959.2	3250.6	3411.3	4076.4	4472.4	4562.1	4532.2	4326.7
17.5°	2525.8	2537.0	2566.9	2682.7	2847.1	2977.9	3721.4	4547.1	4797.5	4760.1	4494.8
20°	2503.4	2510.8	2548.2	2645.3	2757.4	2832.2	3359.0	4487.4	5017.9	5003.0	4648.0
22.5°	2507.1	2514.6	2563.1	2697.6	2813.5	2877.0	3243.2	4349.1	5249.6	5264.5	4805.0
25°	2514.6	2518.3	2593.0	2772.4	2918.1	2996.6	3317.9	4225.8	5443.9	5570.9	4976.8
27.5°	2555.7	2566.9	2667.8	2869.5	3041.4	3131.1	3493.5	4266.9	5656.8	5918.4	5182.3
30°	2667.8	2675.2	2798.5	3007.8	3194.6	3288.0	3702.7	4431.3	5918.4	6277.1	5384.1
32.5°	2843.4	2850.8	2992.8	3209.5	3411.3	3523.4	3975.5	4745.2	6209.8	6654.5	5585.9
35°	3086.2	3090.0	3250.6	3482.3	3695.3	3822.3	4293.1	5100.1	6512.5	6975.8	5735.3
37.5°	3373.9	3400.1	3564.5	3807.3	4057.7	4173.5	4666.7	5514.9	6781.5	7248.5	5821.2
40°	3770.0	3777.5	3938.1	4173.5	4438.8	4550.9	5040.3	5907.2	7076.7	7409.2	5899.7
42.5°	4177.2	4240.8	4375.3	4636.8	4834.8	4924.5	5466.3	6265.9	7312.1	7416.7	5866.1
45°	4722.8	4771.3	4905.8	5137.5	5335.5	5440.1	5925.9	6594.7	7431.6	7353.2	5791.4
47.5°	5346.7	5376.6	5485.0	5694.2	5914.7	5989.4	6404.1	6781.5	7476.5	7308.3	5757.7
50°	6082.8	6082.8	6161.3	6340.6	6542.4	6647.0	6845.0	6893.6	7607.2	7229.9	5843.7
52.5°	6703.0	6732.9	6837.5	7091.6	7293.4	7412.9	7188.8	7065.5	7341.9	6792.7	5869.8
55°	7297.1	7330.7	7566.1	7883.7	8227.5	8358.2	7618.4	6979.5	6449.0	6153.8	5690.5
57.5°	7865.0	7936.0	8231.2	8851.4	9370.8	9359.6	8163.9	6209.8	5264.5	5447.6	5298.2
60°	8657.1	8731.9	9202.6	9983.5	10618.7	10353.4	8171.4	5167.4	4102.5	4349.1	4562.1
62.5°	9318.5	9445.5	10136.7	11437.0	12019.9	11605.1	7495.1	3956.8	2723.8	3033.9	3527.1
65°	9258.7	9426.8	10499.2	12505.6	13376.2	12991.3	6505.0	2503.4	1404.9	2073.7	2469.7
67°	8444.2	8627.2	10017.2	12543.0	13861.9	13039.9	5492.4	1513.2	893.0	1438.5	1715.0
67.5°	7977.1	8246.1	9778.0	12472.0	13772.2	12834.4	5036.6	1266.6	840.7	1337.6	1561.8
70°	4905.8	5339.3	7338.2	11026.0	12344.9	10742.0	2798.5	717.4	683.8	896.7	1079.8
72.5°	1475.9	1606.6	2832.2	7072.9	9060.7	7962.2	1259.2	553.0	612.8	721.1	833.2
75°	717.4	766.0	1169.5	2891.9	4412.6	4390.2	702.4	474.5	567.9	605.3	657.6
77.5°	459.6	489.5	728.6	1617.8	2021.4	1800.9	508.1	414.7	504.4	496.9	489.5
80°	287.7	302.6	467.0	937.8	1490.8	1244.2	373.6	340.0	433.4	384.8	347.5
82.5°	186.8	205.5	298.9	571.7	1064.9	926.6	246.6	242.9	358.7	306.4	269.0
85°	123.3	138.2	190.6	336.3	631.4	661.3	160.7	168.1	276.5	231.7	205.5
87.5°	44.8	56.0	97.1	149.5	295.2	366.2	67.3	63.5	134.5	108.4	85.9
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: P1457279
CATALOG NUMBER: GLAN-SB4A-840-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3844.7	3844.7	3844.7	3844.7	3844.7	3844.7	3844.7	3844.7	3844.7	3844.7	3844.7
2.5°	3855.9	3844.7	3792.4	3747.6	3713.9	3669.1	3620.5	3564.5	3527.1	3534.6	3523.4
5°	3874.6	3844.7	3743.8	3590.6	3441.2	3254.4	3015.2	2873.3	2764.9	2708.9	2723.8
7.5°	3915.7	3863.4	3650.4	3340.3	2951.7	2570.6	2335.2	2200.7	2137.2	2111.0	2107.3
10°	3986.7	3897.0	3530.9	2951.7	2443.6	2185.8	2099.8	2062.5	2055.0	2055.0	2051.3
12.5°	4072.6	3930.6	3329.1	2574.4	2200.7	2107.3	2092.4	2096.1	2107.3	2118.5	2099.8
15°	4177.2	3945.6	3078.8	2346.4	2152.1	2129.7	2152.1	2178.3	2197.0	2211.9	2193.2
17.5°	4281.9	3930.6	2843.4	2238.1	2159.6	2189.5	2234.3	2275.4	2286.7	2309.1	2294.1
20°	4356.6	3878.3	2641.6	2197.0	2178.3	2245.6	2301.6	2346.4	2368.9	2383.8	2368.9
22.5°	4412.6	3811.1	2495.9	2155.9	2178.3	2260.5	2327.8	2380.1	2406.2	2421.2	2402.5
25°	4461.2	3717.7	2383.8	2096.1	2133.5	2211.9	2286.7	2339.0	2376.3	2398.7	2387.5
27.5°	4521.0	3642.9	2279.2	2006.4	2040.1	2114.8	2193.2	2256.8	2327.8	2365.1	2357.6
30°	4588.2	3605.6	2178.3	1909.3	1931.7	2006.4	2099.8	2185.8	2282.9	2331.5	2331.5
32.5°	4666.7	3579.4	2084.9	1815.9	1834.6	1916.8	2006.4	2084.9	2189.5	2268.0	2264.2
35°	4700.3	3549.5	2010.2	1729.9	1767.3	1834.6	1905.5	1957.9	2066.2	2159.6	2167.1
37.5°	4734.0	3538.3	1972.8	1662.7	1692.6	1744.9	1782.2	1808.4	1909.3	2006.4	2010.2
40°	4775.1	3590.6	1999.0	1617.8	1591.7	1644.0	1662.7	1677.6	1729.9	1793.5	1793.5
42.5°	4748.9	3628.0	2058.7	1576.7	1468.4	1528.2	1535.6	1531.9	1535.6	1539.4	1535.6
45°	4681.7	3590.6	2058.7	1513.2	1337.6	1401.1	1397.4	1378.7	1348.8	1270.4	1259.2
47.5°	4666.7	3568.2	1980.3	1408.6	1206.8	1259.2	1266.6	1229.3	1143.3	1061.1	1035.0
50°	4730.2	3609.3	1857.0	1281.6	1094.8	1139.6	1158.3	1094.8	997.6	911.7	896.7
52.5°	4823.6	3661.6	1677.6	1143.3	1001.3	1046.2	1068.6	997.6	896.7	829.5	822.0
55°	4812.4	3661.6	1475.9	1016.3	930.4	964.0	1001.3	926.6	848.2	810.8	807.1
57.5°	4569.6	3523.4	1326.4	926.6	863.1	893.0	941.6	870.6	795.8	803.3	814.5
60°	4095.0	3164.7	1214.3	866.8	803.3	833.2	885.5	803.3	706.2	680.0	680.0
62.5°	3373.9	2608.0	1124.6	807.1	747.3	784.6	810.8	702.4	638.9	609.0	609.0
65°	2529.5	2017.6	1031.2	758.5	698.7	739.8	709.9	657.6	594.1	571.7	575.4
67°	*1875.7*	*1565.5*	*952.8*	*717.4*	*668.8*	*687.5*	*665.1*	*627.7*	*564.2*	*545.5*	*564.2*
67.5°	1685.1	1487.1	934.1	706.2	661.3	676.3	653.9	624.0	556.7	538.0	556.7
70°	1158.3	1143.3	833.2	653.9	620.2	605.3	616.5	579.1	523.1	515.6	534.3
72.5°	881.8	911.7	747.3	609.0	575.4	556.7	582.9	545.5	489.5	500.7	519.4
75°	691.2	736.1	668.8	545.5	523.1	526.8	579.1	564.2	519.4	530.6	534.3
77.5°	511.9	594.1	571.7	474.5	455.8	508.1	653.9	698.7	620.2	601.6	575.4
80°	373.6	425.9	482.0	392.3	381.1	489.5	807.1	893.0	766.0	691.2	672.5
82.5°	276.5	298.9	396.1	313.9	276.5	437.2	896.7	1049.9	911.7	769.7	747.3
85°	198.0	231.7	313.9	231.7	183.1	358.7	878.0	1027.5	904.2	728.6	709.9
87.5°	71.0	100.9	134.5	104.6	93.4	246.6	724.9	739.8	564.2	257.8	261.5
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: SP1-2407-184-11

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-840-U-5WQ

Data in this report applies to families of products including GSS-SB1A-840-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

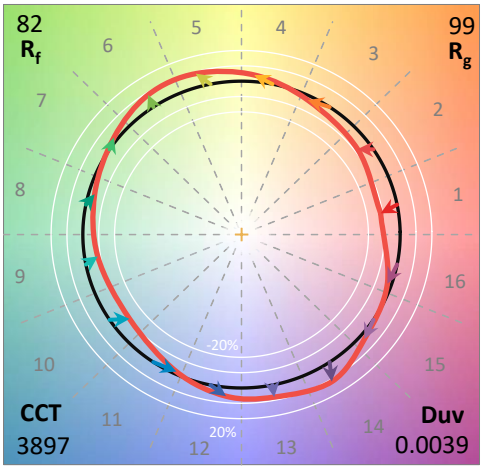
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-11
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-840-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3897
CIE u':	0.2249
CIE v':	0.5084
Duv:	0.0039
CIE x:	0.3882
CIE y:	0.3900
CIE z:	0.2218
Peak Wavelength (nm):	445
Dominant Wavelength (nm):	577
Purity:	33.54925
Rf:	81.8
Rg:	98.6

CRI (Ra):	80.2
R1:	78.9
R2:	83.5
R3:	88.3
R4:	82.1
R5:	78.8
R6:	78.4
R7:	85.8
R8:	65.8
R9:	6.7
R10:	61.9
R11:	81.9
R12:	58.9
R13:	79.2
R14:	93.2
R15:	71.9



Test Conditions

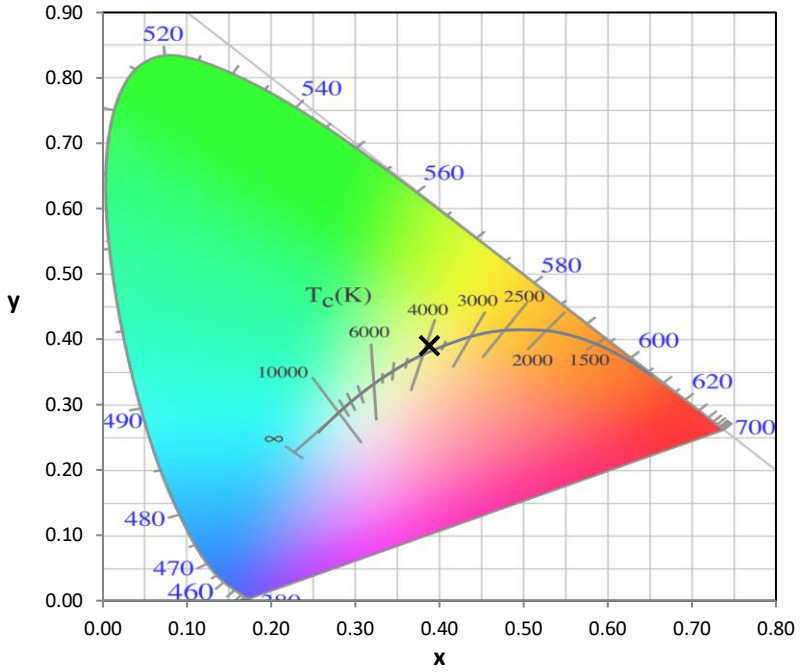
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

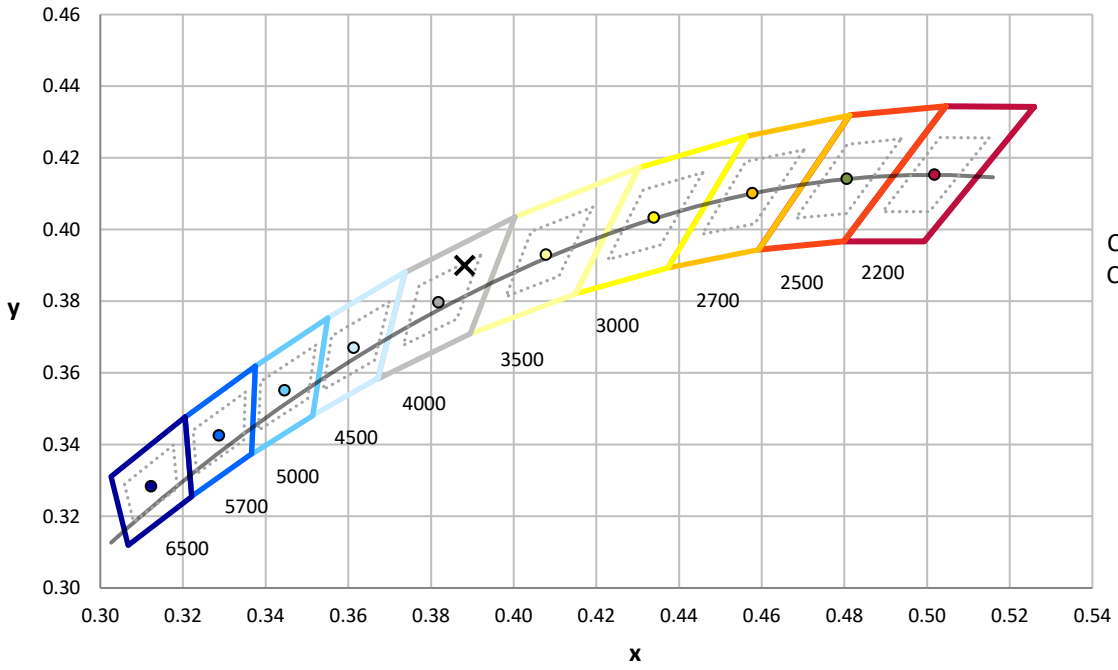
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-11

CIE 1931 Chromaticity Diagram



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

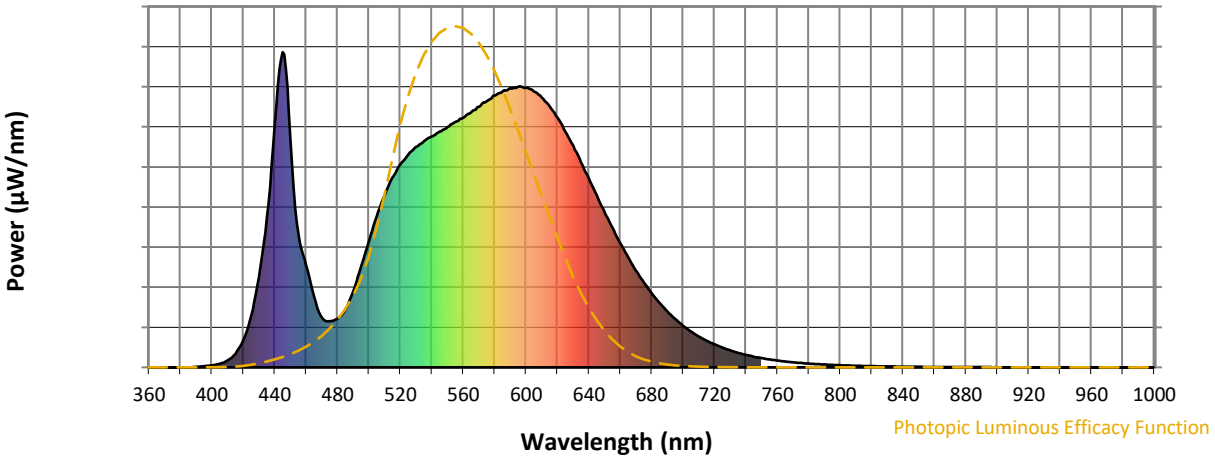


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-11

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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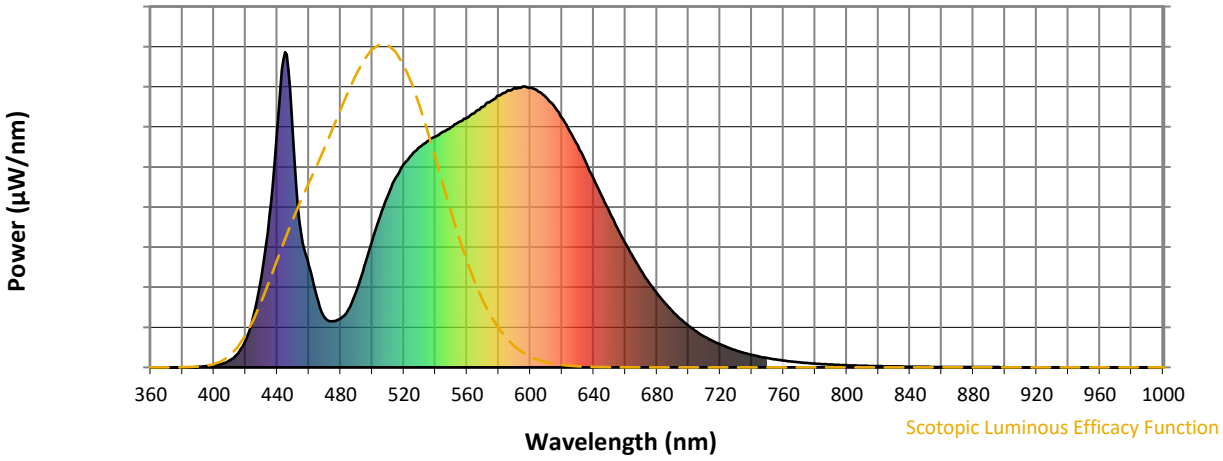
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.57**

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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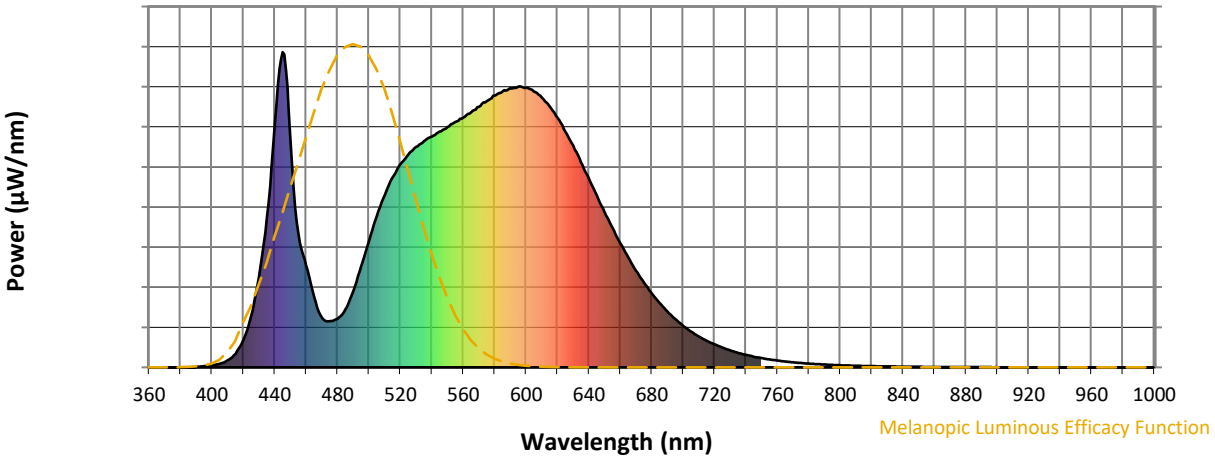
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.06**

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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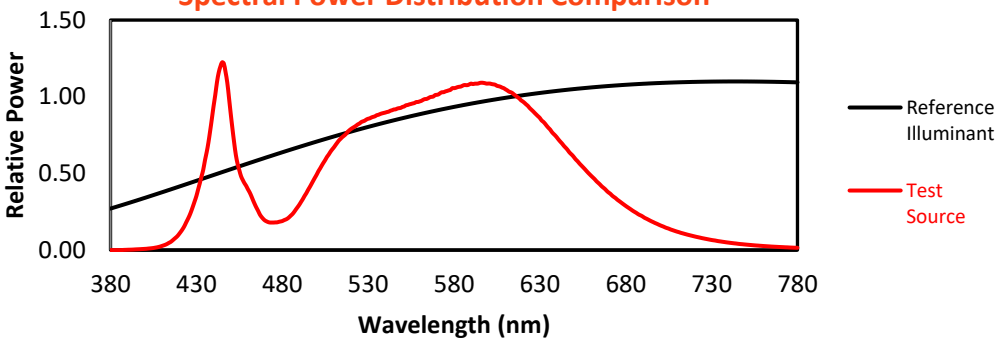
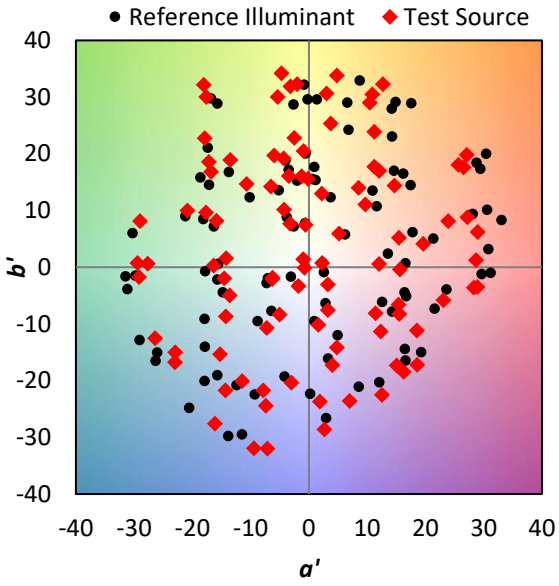
Summary

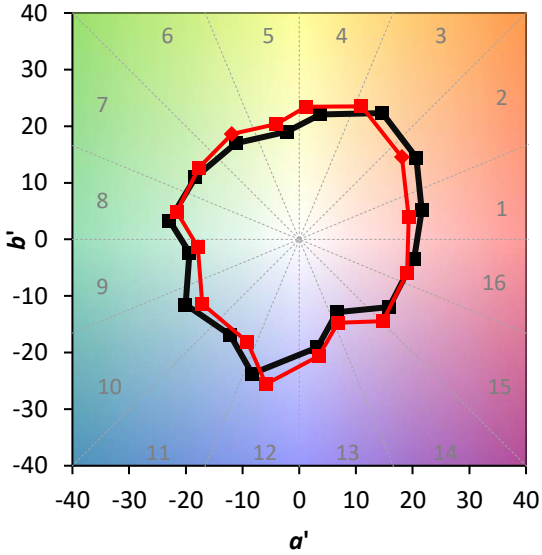
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

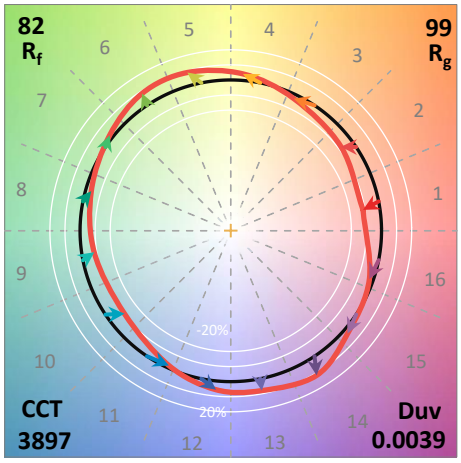
Spectral Power Distribution Comparison

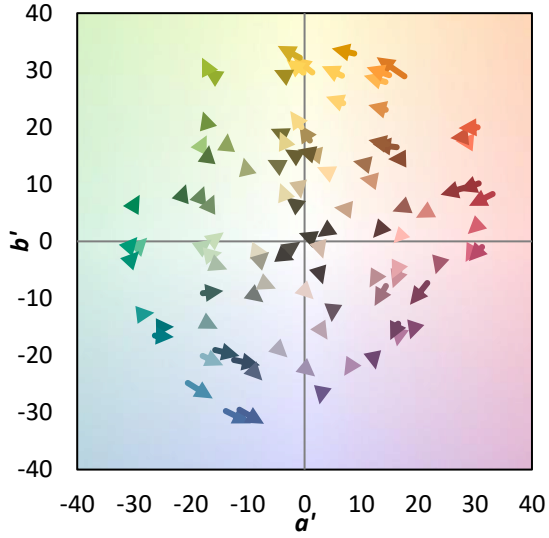


Color Vector Graphics









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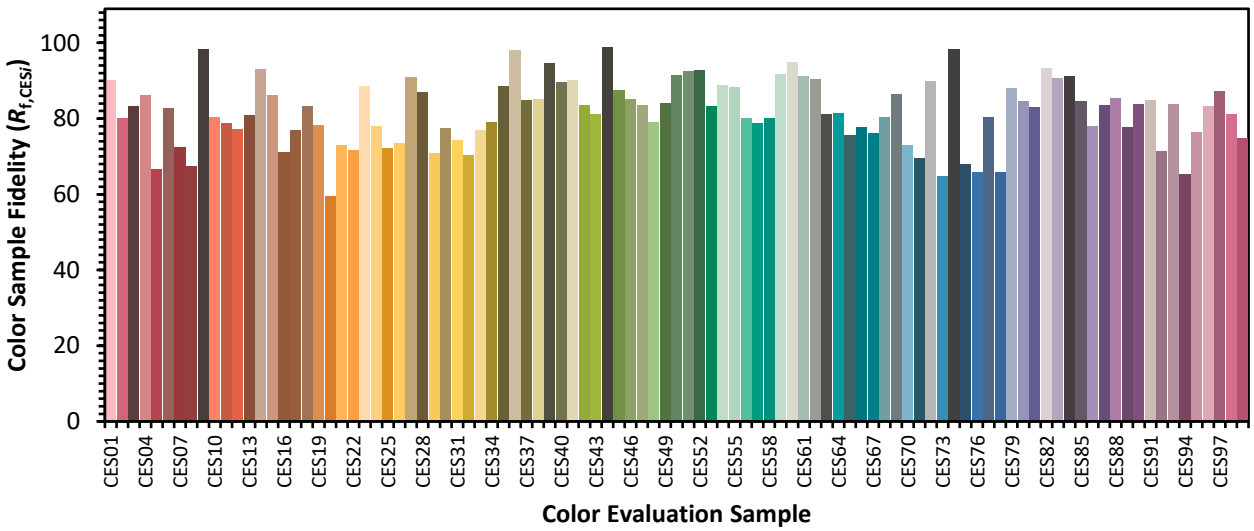
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82 = 93
CES08 = 40	CES33 = 77	CES58 = 80	CES83 = 91
CES09 = 29	CES34 = 79	CES59 = 92	CES84 = 91
CES10 = 74	CES35 = 88	CES60 = 95	CES85 = 84
CES11 = 57	CES36 = 98	CES61 = 91	CES86 = 78
CES12 = 63	CES37 = 85	CES62 = 90	CES87 = 84
CES13 = 42	CES38 = 85	CES63 = 81	CES88 = 85
CES14 = 74	CES39 = 95	CES64 = 81	CES89 = 78
CES15 = 71	CES40 = 90	CES65 = 76	CES90 = 84
CES16 = 47	CES41 = 90	CES66 = 78	CES91 = 85
CES17 = 49	CES42 = 84	CES67 = 76	CES92 = 71
CES18 = 56	CES43 = 81	CES68 = 80	CES93 = 84
CES19 = 71	CES44 = 99	CES69 = 86	CES94 = 65
CES20 = 65	CES45 = 87	CES70 = 73	CES95 = 77
CES21 = 86	CES46 = 85	CES71 = 70	CES96 = 83
CES22 = 78	CES47 = 84	CES72 = 90	CES97 = 87
CES23 = 91	CES48 = 79	CES73 = 65	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 75
CES25 = 71	CES50 = 91	CES75 = 68	



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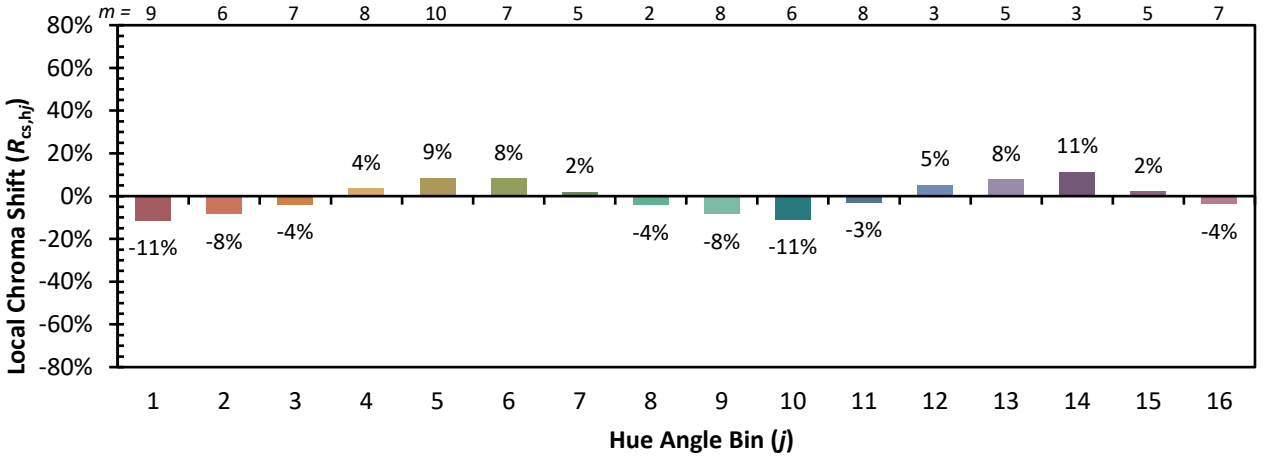
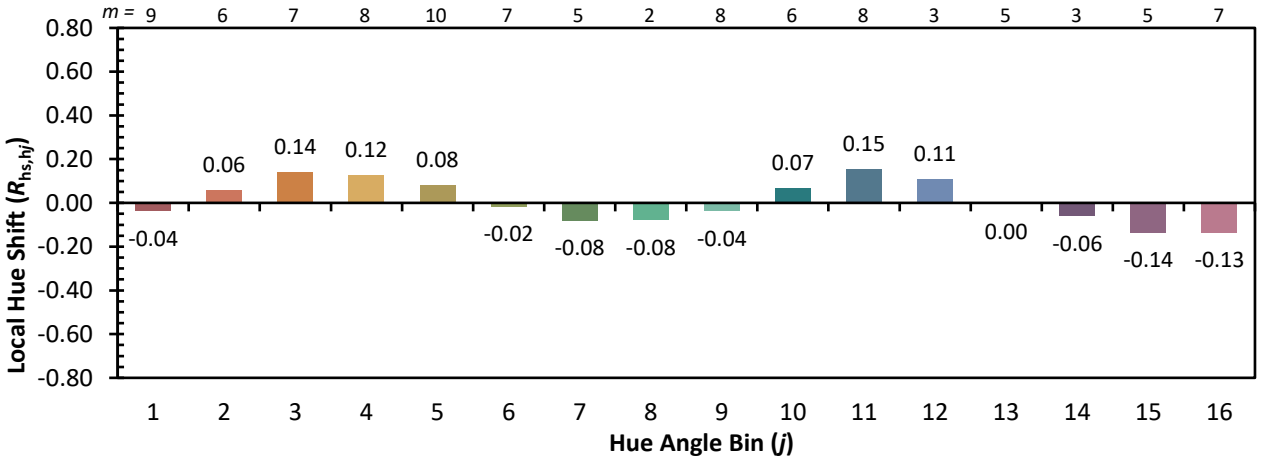
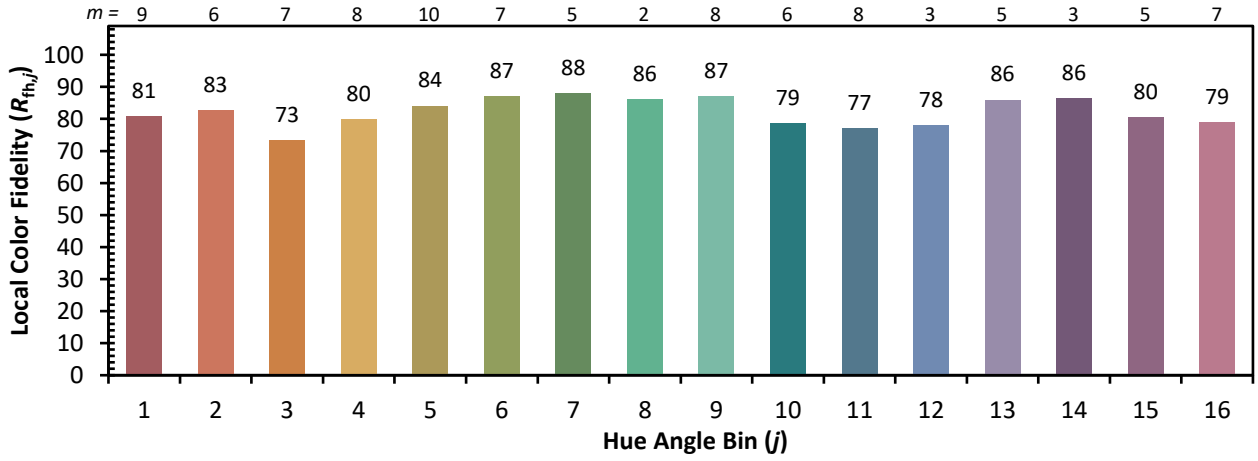
Color Rendition by Hue-Angle Bin







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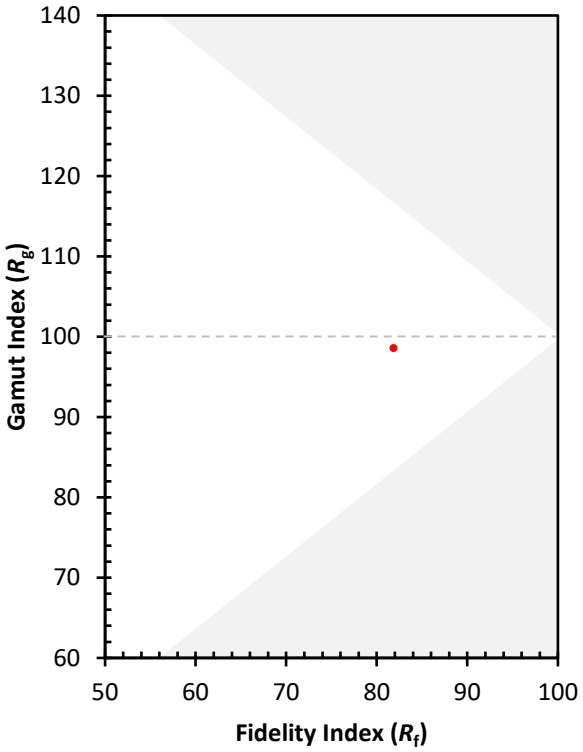
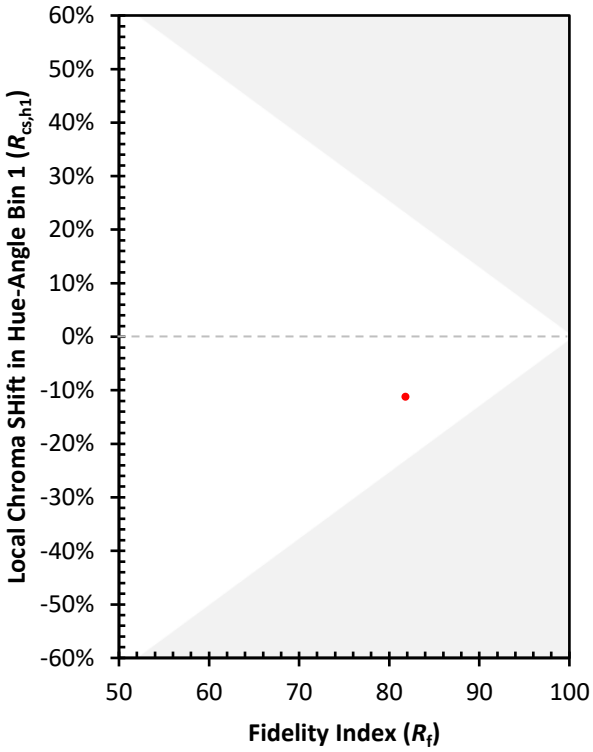
Measure Comparisons





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