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: P1458432

Luminaire Tested: GLAN-SB4B-840-U-T3LG-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:	P1458432
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB4B-840-U-T3LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 4xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE III LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(104) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	16497.1 lumens
Efficiency:	N/A
Efficacy:	112.2 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

Input Watts (W):	147
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: P1458432
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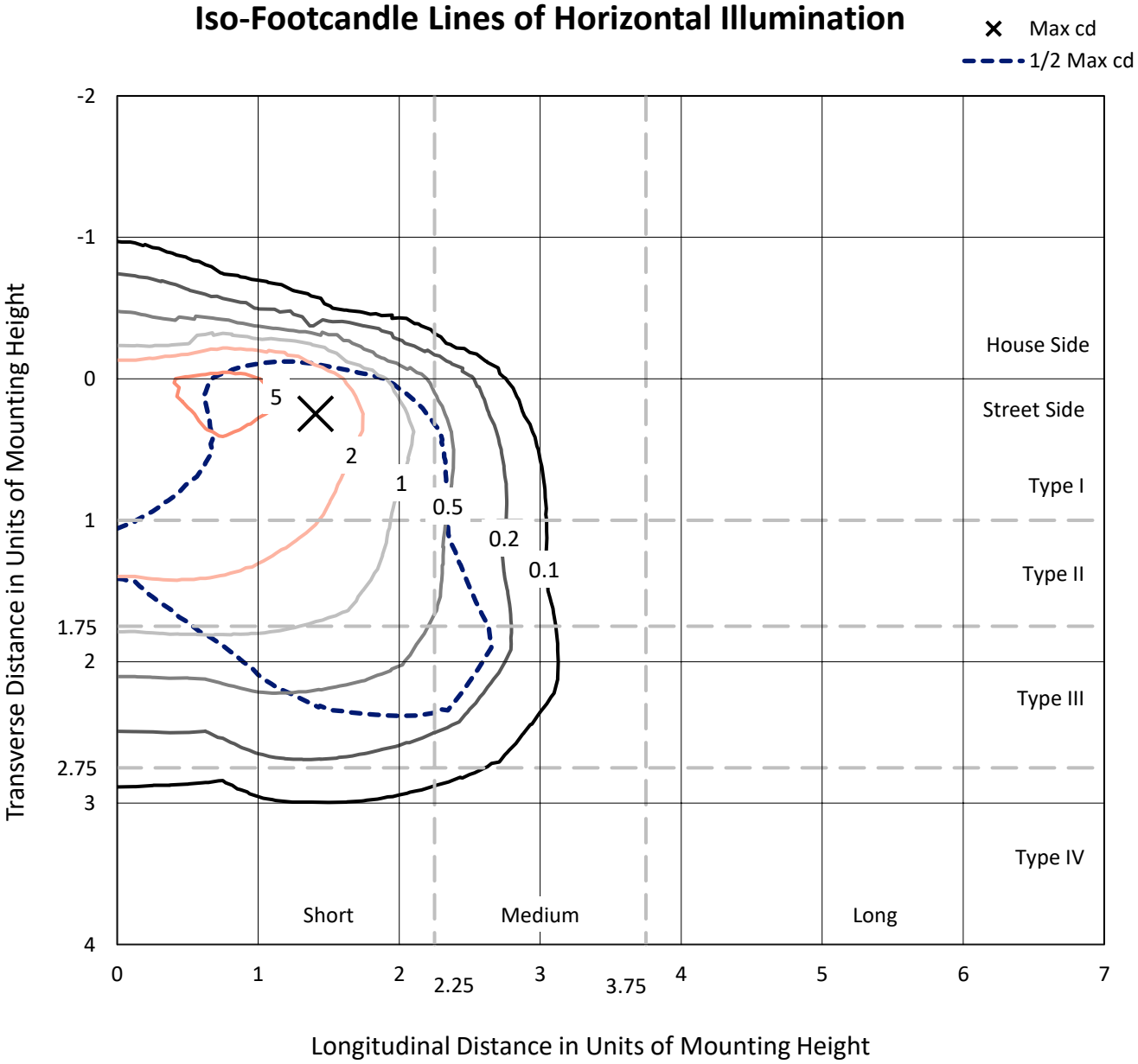
Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 6.5 fc
Type III - Short - N/A

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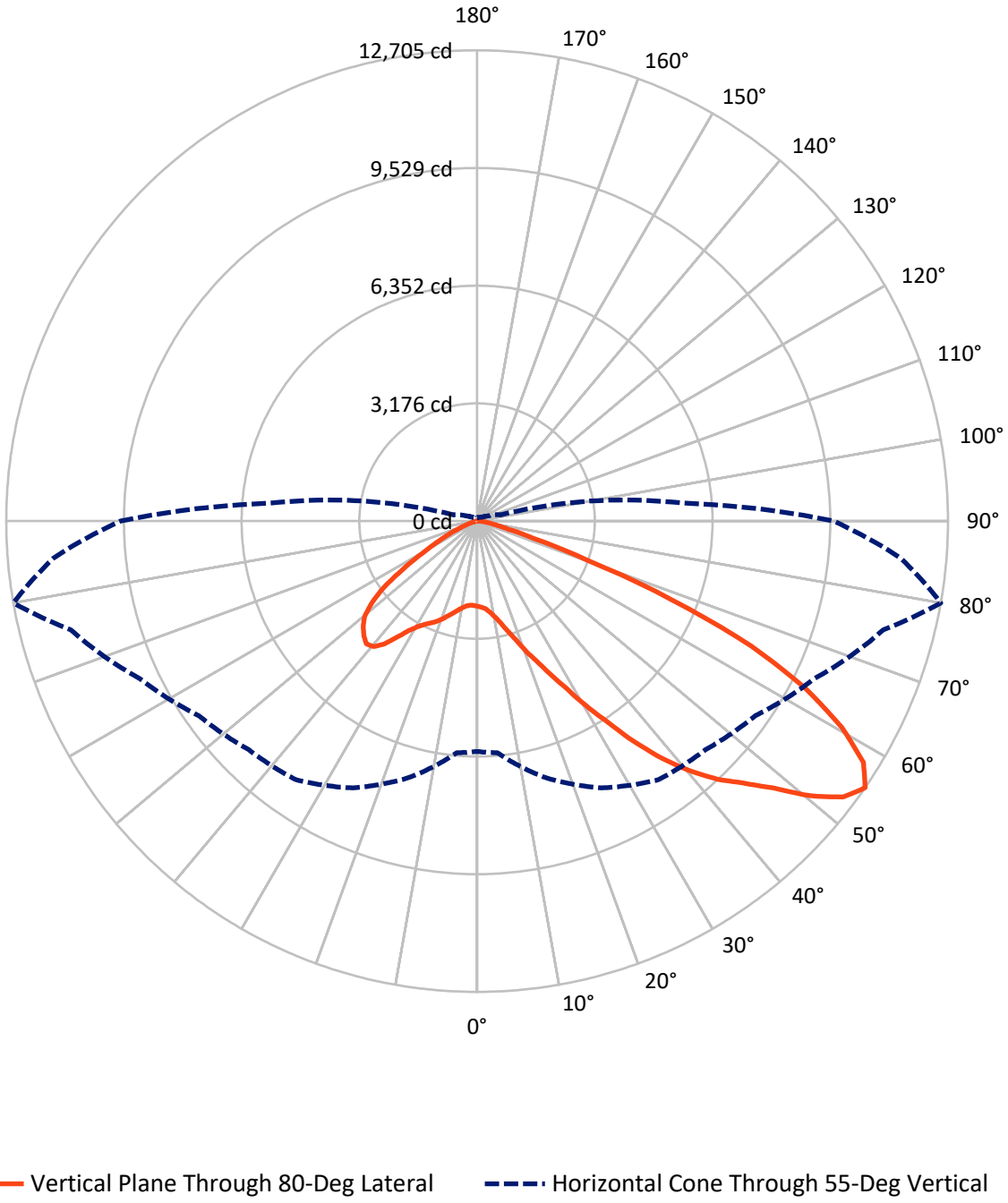
Luminous Intensity Polar Plot



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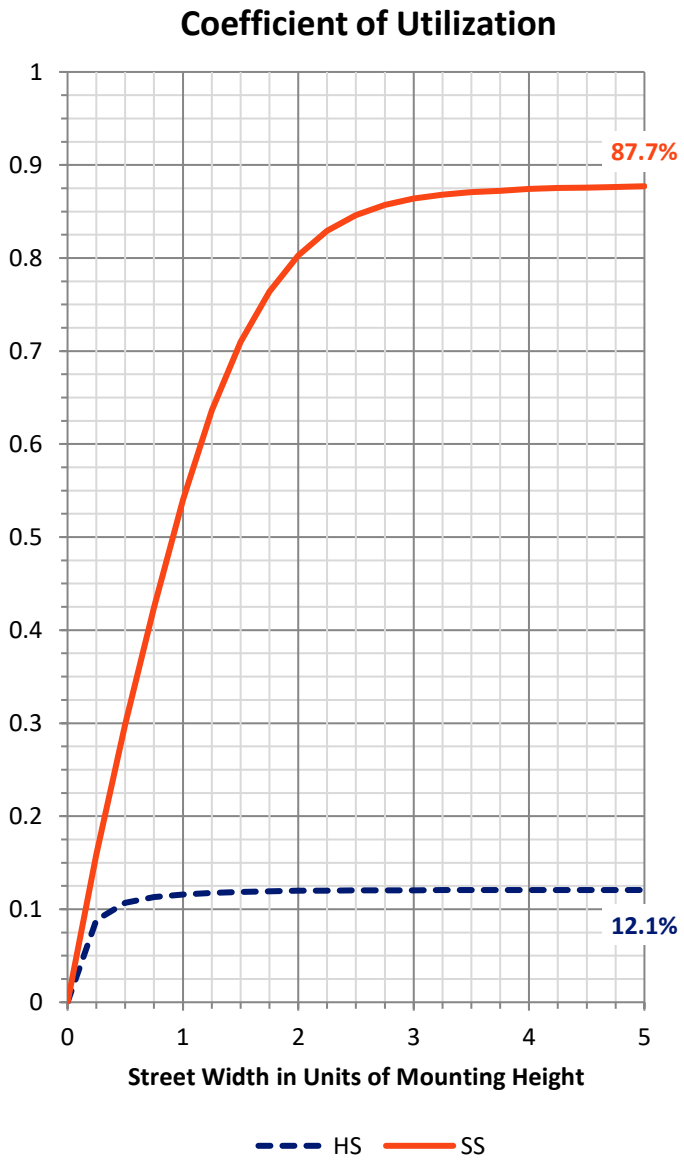
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2005.4	0.0	2005.4
	% Fixture	12.2	0.0	12.2
Street Side	Lumens	14491.7	0.0	14491.7
	% Fixture	87.8	0.0	87.8
Total	Lumens	16497.1	0.0	16497.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	192.9	1.2
10°-20°	508.4	3.1
20°-30°	995.3	6.0
30°-40°	2025.0	12.3
40°-50°	3413.8	20.7
50°-60°	4361.8	26.4
60°-70°	3723.9	22.6
70°-80°	1190.0	7.2
80°-90°	85.9	0.5
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°	16497.1	100.0
0°-180°	16497.1	100.0



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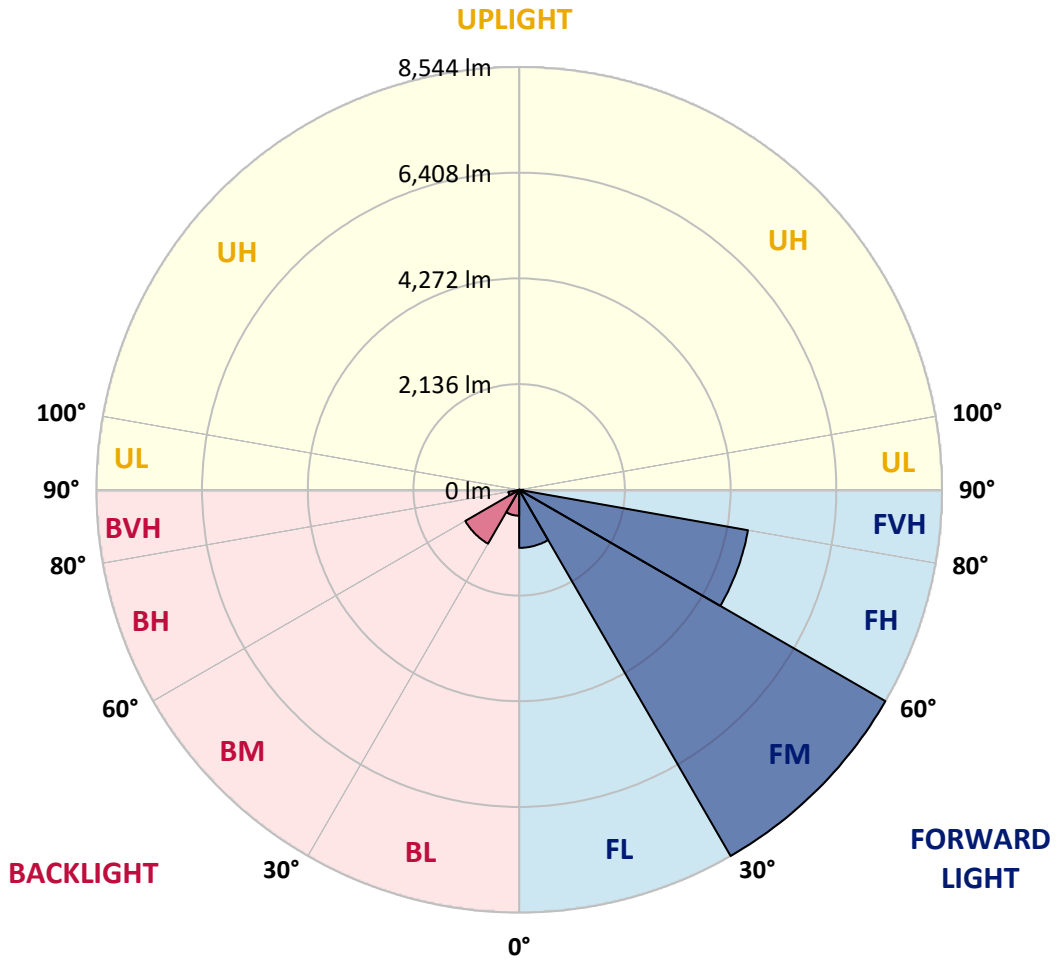
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1173.0	7.1			
FM	(30°-60°)	8543.7	51.8			
FH	(60°-80°)	4693.5	28.5			G2/5000
FVH	(80°-90°)	81.5	0.5			G1/100
BL	(0°-30°)	523.7	3.2	B2/1000		
BM	(30°-60°)	1256.8	7.6	B2/2500		
BH	(60°-80°)	220.4	1.3	B1/500		G1/500
BVH	(80°-90°)	4.5	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type III Short



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REPORT NUMBER: P1458432
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	2298.0	2298.0	2298.0	2298.0	2298.0	2298.0	2298.0	2298.0	2298.0	*2298.0*	2298.0
2.5°	2312.1	2316.8	2312.1	2316.8	2326.2	2321.5	2340.2	2335.5	2335.5	*2330.8*	2312.1
5°	2180.8	2185.5	2194.8	2218.3	2251.1	2283.9	2326.2	2354.3	2382.4	*2377.7*	2359.0
7.5°	1922.8	1932.2	1969.7	2016.6	2124.5	2223.0	2330.8	2401.2	2462.2	*2480.9*	2466.9
10°	1777.4	1786.8	1810.3	1857.2	1955.7	2119.8	2330.8	2476.2	2584.1	*2621.6*	2626.3
12.5°	1763.4	1768.1	1786.8	1838.4	1922.8	2063.5	2326.2	2574.7	2757.6	*2813.9*	2832.7
15°	1772.8	1782.1	1800.9	1843.1	1941.6	2101.0	2363.7	2729.5	2987.4	*3067.1*	3071.8
17.5°	1810.3	1819.7	1843.1	1890.0	1997.9	2199.5	2480.9	2888.9	3264.1	*3353.2*	3404.8
20°	1885.3	1890.0	1918.1	1979.1	2101.0	2321.5	2654.4	3104.7	3597.1	*3728.4*	3765.9
22.5°	1983.8	1997.9	2035.4	2110.4	2265.2	2490.3	2893.6	3367.3	3962.9	*4098.9*	4164.6
25°	2091.7	2110.4	2166.7	2288.6	2485.6	2748.2	3189.1	3714.3	4394.4	*4558.5*	4647.6
27.5°	2312.1	2316.8	2354.3	2509.1	2762.3	3085.9	3564.3	4159.9	4900.9	*5093.2*	5191.6
30°	2795.1	2799.8	2767.0	2809.2	3067.1	3484.5	4005.1	4680.5	5491.8	*5759.1*	5838.8
32.5°	3386.1	3409.5	3404.8	3376.7	3493.9	3883.2	4530.4	5304.2	6185.9	*6467.3*	6542.3
35°	4056.7	4113.0	4098.9	4089.5	4103.6	4394.4	5130.7	5993.6	6973.8	*7316.1*	7377.1
37.5°	4713.3	4727.3	4793.0	4872.7	4882.1	5083.8	5824.8	6725.2	7705.4	*8141.5*	8235.3
40°	5219.8	5266.7	5430.8	5590.3	5754.4	5913.9	6396.9	7316.1	8286.9	*8873.2*	8915.4
42.5°	5613.7	5726.3	5965.5	6214.0	6547.0	6725.2	6940.9	7733.5	8760.6	*9525.0*	9506.3
45°	6092.1	6139.0	6476.7	6804.9	7142.6	7414.6	7409.9	8085.3	9131.1	*10083.1*	9965.9
47.5°	6415.7	6472.0	6931.6	7316.1	7663.2	7799.2	7827.3	8465.1	9642.3	*10758.5*	10481.8
50°	6589.2	6687.7	7189.5	7677.3	8052.4	8094.6	8221.3	8962.3	10312.9	*11654.2*	11133.7
52.5°	6608.0	6701.8	7278.6	7907.1	8315.1	8399.5	8615.2	9525.0	10964.8	*12371.8*	11508.8
55°	*6218.7*	*6275.0*	*7170.8*	*7944.6*	*8521.4*	*8718.4*	*9159.2*	*10045.6*	*11344.7*	*12704.8*	*11476.0*
57.5°	5852.9	5909.2	6687.7	7878.9	8732.5	9135.8	9740.8	10402.0	11049.2	*12292.0*	10744.4
60°	5538.7	5566.8	6275.0	7574.1	8812.2	9543.8	10242.6	10050.3	10284.8	*11302.5*	9492.2
62.5°	4947.8	4966.5	5806.0	7025.4	8652.7	9858.0	10416.1	9304.6	9445.3	*9937.8*	8019.6
65°	3737.8	3808.1	4577.3	6612.7	8390.1	10003.4	10012.8	8394.8	8249.4	*8132.2*	6307.8
67.5°	2537.2	2616.9	3081.2	5946.7	7963.3	10064.4	9229.6	7217.6	6284.4	*5679.4*	4131.7
70°	2026.0	2026.0	2185.5	4778.9	6950.3	9285.9	8258.8	5449.6	3991.0	*3137.5*	2213.6
72.5°	1331.9	1336.6	1486.7	3034.3	4929.0	7081.6	6734.6	3151.6	2072.9	*1599.2*	1092.7
75°	483.1	483.1	651.9	1214.7	2607.5	4216.2	4103.6	1505.4	1125.6	*872.3*	661.3
77.5°	257.9	267.3	314.2	501.8	998.9	1716.5	1603.9	769.1	637.8	*544.0*	412.7
80°	173.5	178.2	211.0	309.5	483.1	661.3	515.9	431.5	431.5	*365.8*	276.7
82.5°	93.8	98.5	140.7	201.7	257.9	309.5	248.6	253.3	304.8	*248.6*	159.5
85°	65.7	65.7	107.9	145.4	145.4	150.1	107.9	159.5	178.2	*154.8*	107.9
87.5°	37.5	37.5	61.0	70.3	70.3	65.7	32.8	56.3	70.3	*79.7*	46.9
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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REPORT NUMBER: P1458432
CATALOG NUMBER: GLAN-SB4B-840-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2298.0	2298.0	2298.0	2298.0	2298.0	2298.0	2298.0	2298.0	2298.0	2298.0	2298.0
2.5°	2307.4	2293.3	2265.2	2208.9	2180.8	2143.3	2110.4	2068.2	2058.8	2054.1	2035.4
5°	2344.9	2316.8	2232.4	2110.4	2007.2	1908.8	1810.3	1754.0	1707.1	1683.6	1679.0
7.5°	2438.7	2382.4	2227.7	2011.9	1819.7	1650.8	1505.4	1378.8	1313.2	1256.9	1261.6
10°	2579.4	2490.3	2237.0	1918.1	1632.1	1360.1	1149.0	966.1	834.8	773.8	769.1
12.5°	2767.0	2640.4	2269.9	1824.3	1402.3	1022.4	755.1	647.2	619.1	614.4	609.7
15°	2996.8	2818.6	2302.7	1702.4	1092.7	708.2	614.4	590.9	586.2	581.5	581.5
17.5°	3273.5	3024.9	2321.5	1496.1	797.3	609.7	576.8	562.8	558.1	553.4	553.4
20°	3620.5	3254.7	2344.9	1233.4	675.3	586.2	548.7	530.0	525.3	525.3	520.6
22.5°	3962.9	3512.7	2326.2	1003.6	651.9	558.1	515.9	497.1	487.7	487.7	483.1
25°	4356.9	3775.3	2269.9	905.1	647.2	534.6	483.1	454.9	440.8	436.2	436.2
27.5°	4807.1	4075.5	2180.8	909.8	647.2	515.9	440.8	403.3	393.9	384.6	384.6
30°	5323.0	4441.3	2115.1	970.8	656.6	497.1	403.3	356.4	342.4	333.0	337.7
32.5°	5913.9	4849.3	2110.4	1069.3	670.6	469.0	361.1	309.5	295.5	290.8	295.5
35°	6584.5	5355.8	2218.3	1144.3	633.1	408.0	309.5	267.3	253.3	253.3	257.9
37.5°	7330.2	5937.3	2363.7	1125.6	511.2	323.6	267.3	234.5	220.4	225.1	229.8
40°	8010.2	6392.2	2387.1	961.4	384.6	276.7	229.8	206.4	197.0	201.7	206.4
42.5°	8526.1	6758.0	2162.0	745.7	323.6	234.5	197.0	178.2	173.5	182.9	182.9
45°	8943.5	6903.4	1805.6	553.4	286.1	201.7	173.5	164.1	154.8	159.5	159.5
47.5°	9379.7	6926.9	1472.6	445.5	253.3	182.9	159.5	150.1	140.7	140.7	140.7
50°	9801.7	6870.6	1125.6	393.9	234.5	164.1	145.4	136.0	126.6	121.9	121.9
52.5°	9904.9	6420.4	825.4	365.8	215.7	154.8	136.0	126.6	117.2	112.6	112.6
55°	*9618.8*	*5566.8*	*647.2*	*328.3*	*197.0*	*140.7*	*126.6*	*117.2*	*103.2*	*98.5*	*98.5*
57.5°	8676.2	4244.3	515.9	281.4	178.2	136.0	117.2	107.9	93.8	89.1	89.1
60°	7452.1	3010.9	417.4	229.8	164.1	121.9	107.9	93.8	84.4	75.0	75.0
62.5°	6096.8	2162.0	337.7	192.3	154.8	107.9	98.5	84.4	65.7	51.6	51.6
65°	4675.8	1552.3	262.6	154.8	140.7	93.8	84.4	70.3	51.6	37.5	37.5
67.5°	3024.9	1003.6	197.0	136.0	107.9	79.7	65.7	56.3	46.9	32.8	28.1
70°	1594.5	586.2	145.4	117.2	79.7	61.0	56.3	46.9	37.5	23.4	23.4
72.5°	825.4	384.6	107.9	103.2	61.0	42.2	46.9	37.5	28.1	14.1	14.1
75°	530.0	257.9	79.7	84.4	37.5	32.8	32.8	23.4	14.1	9.4	4.7
77.5°	342.4	173.5	56.3	70.3	23.4	18.8	18.8	9.4	4.7	0.0	0.0
80°	201.7	107.9	37.5	46.9	9.4	9.4	4.7	0.0	0.0	0.0	0.0
82.5°	103.2	56.3	18.8	18.8	4.7	0.0	0.0	0.0	0.0	0.0	0.0
85°	65.7	28.1	4.7	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	32.8	9.4	4.7	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: SP1-2407-184-11

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

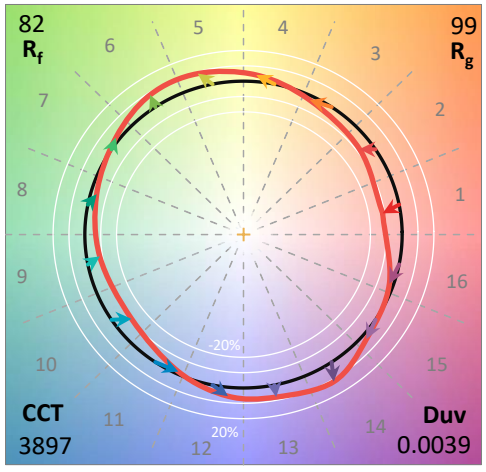
Test Information

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

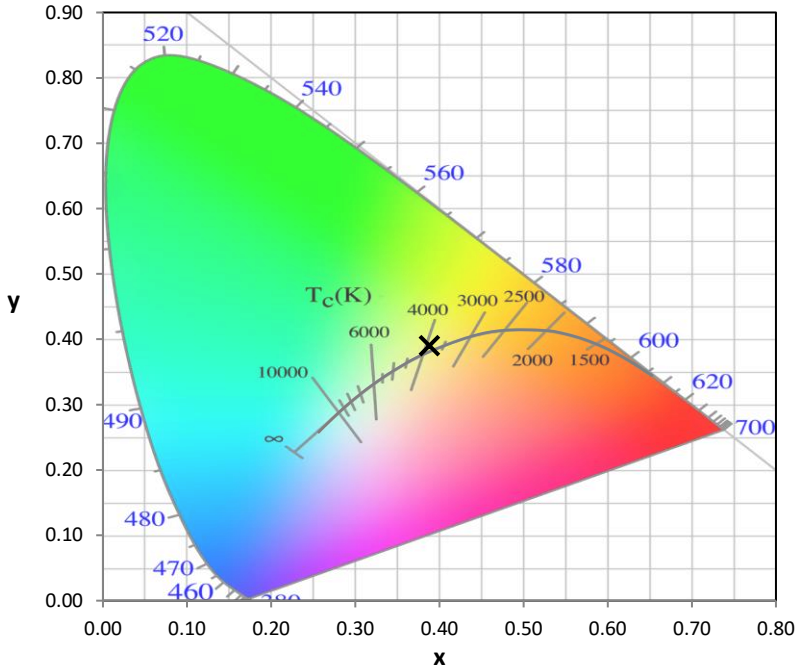
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

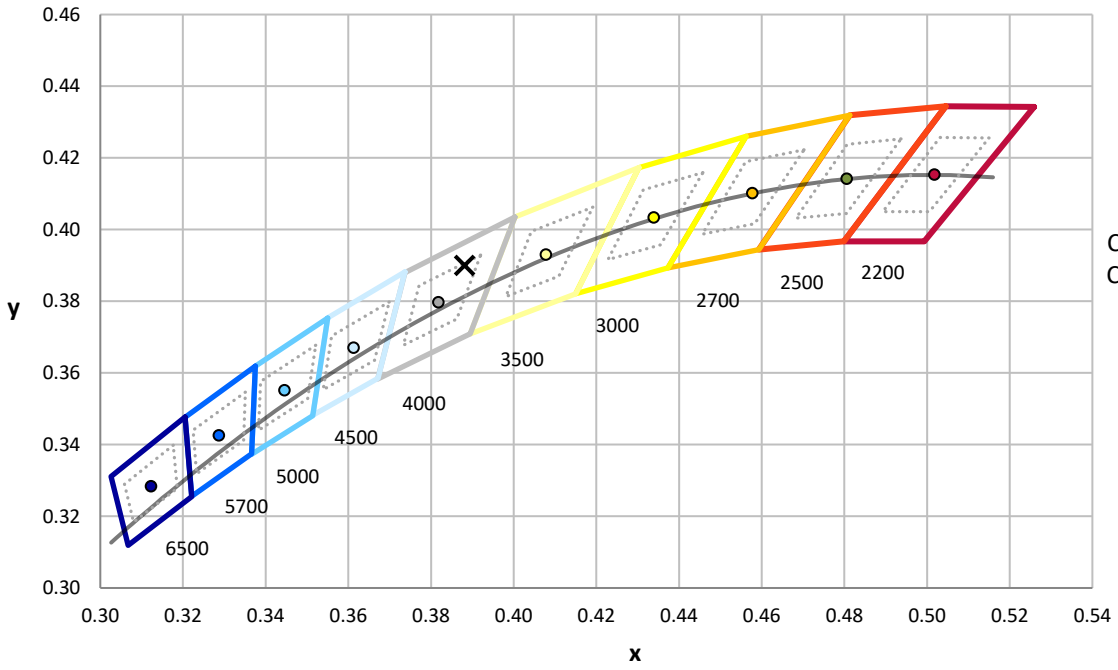
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

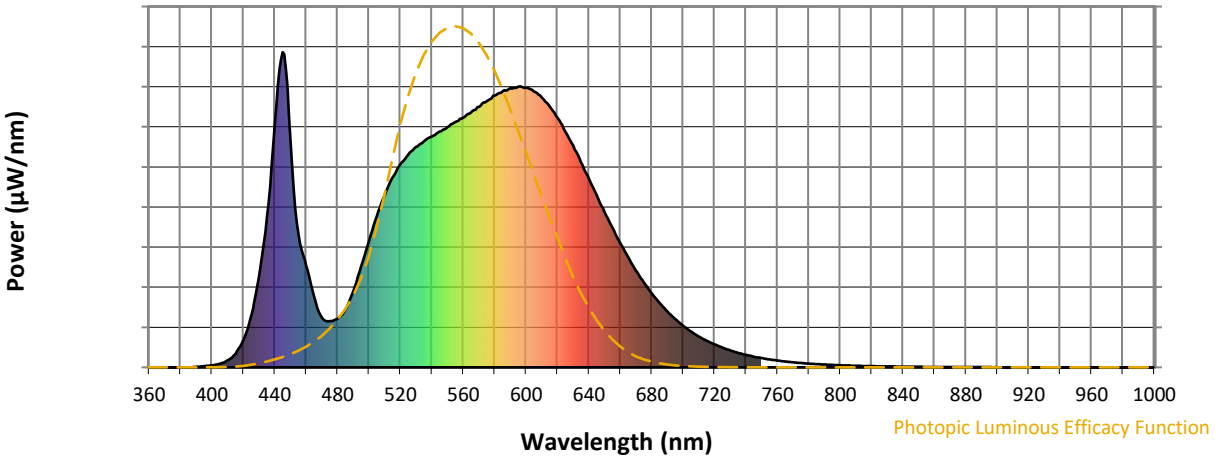


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

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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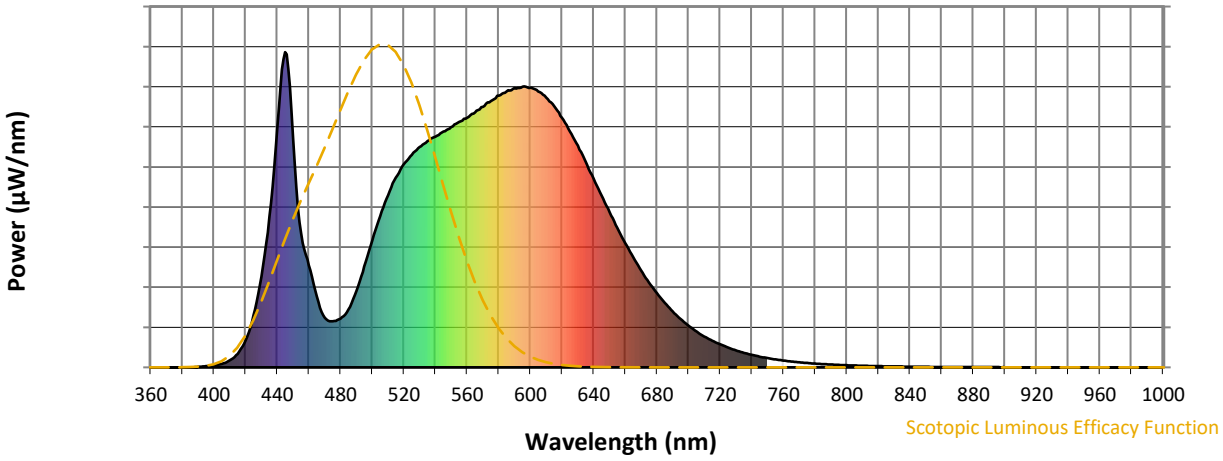
Scotopic Flux vs. Wavelength



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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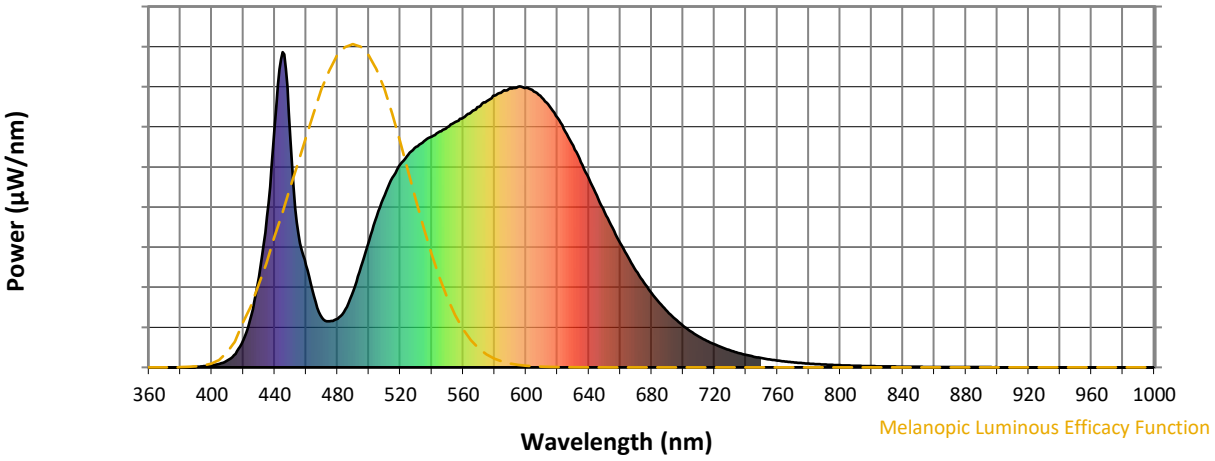
Melanopic Flux vs. Wavelength



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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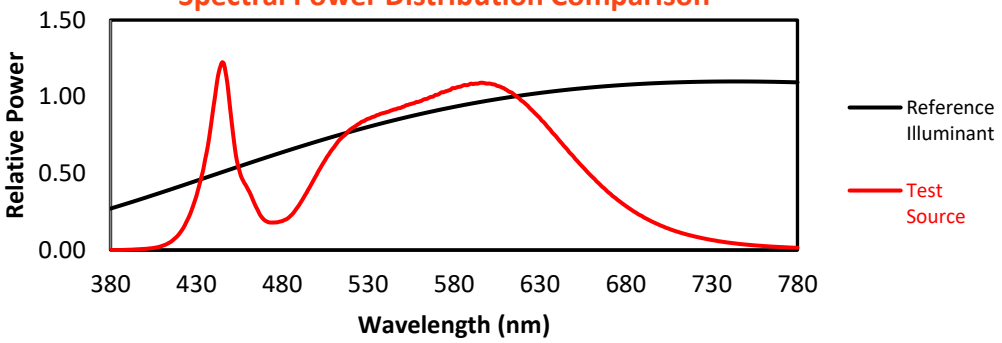
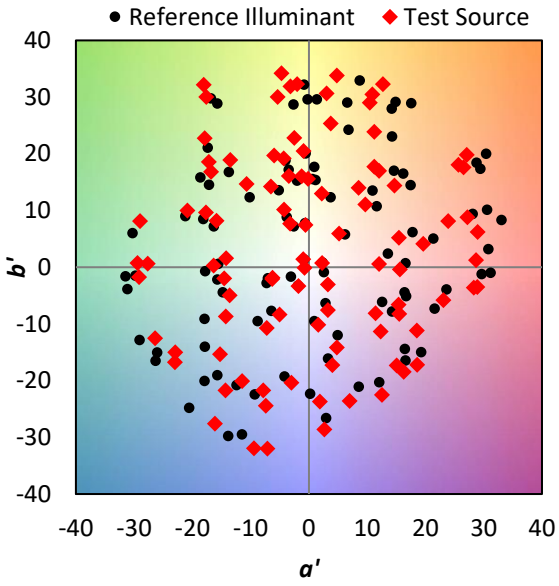
Summary

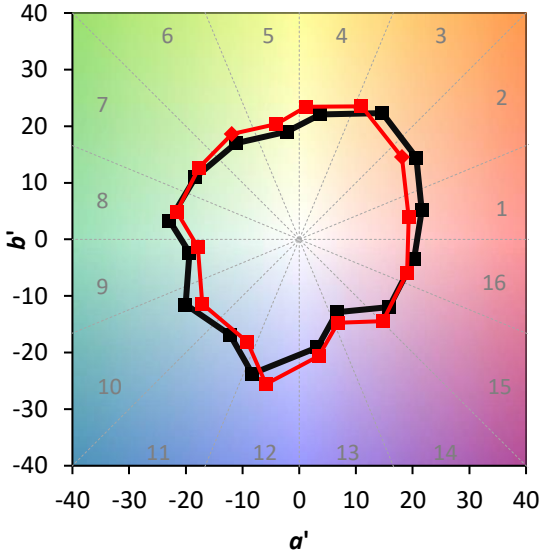
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

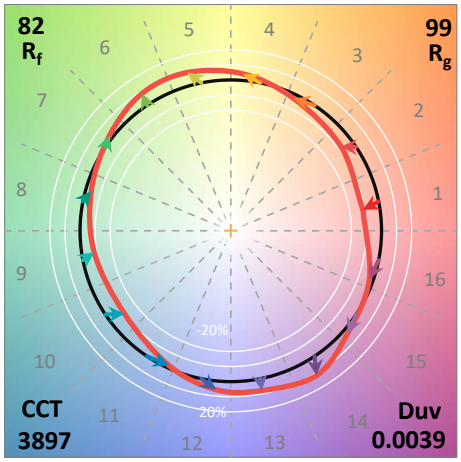
Spectral Power Distribution Comparison

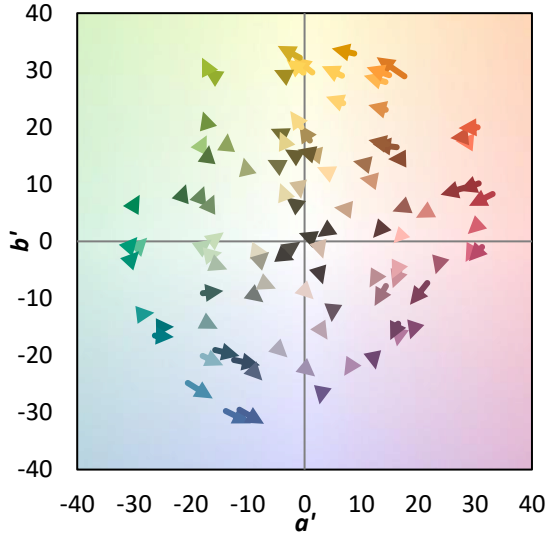


Color Vector Graphics









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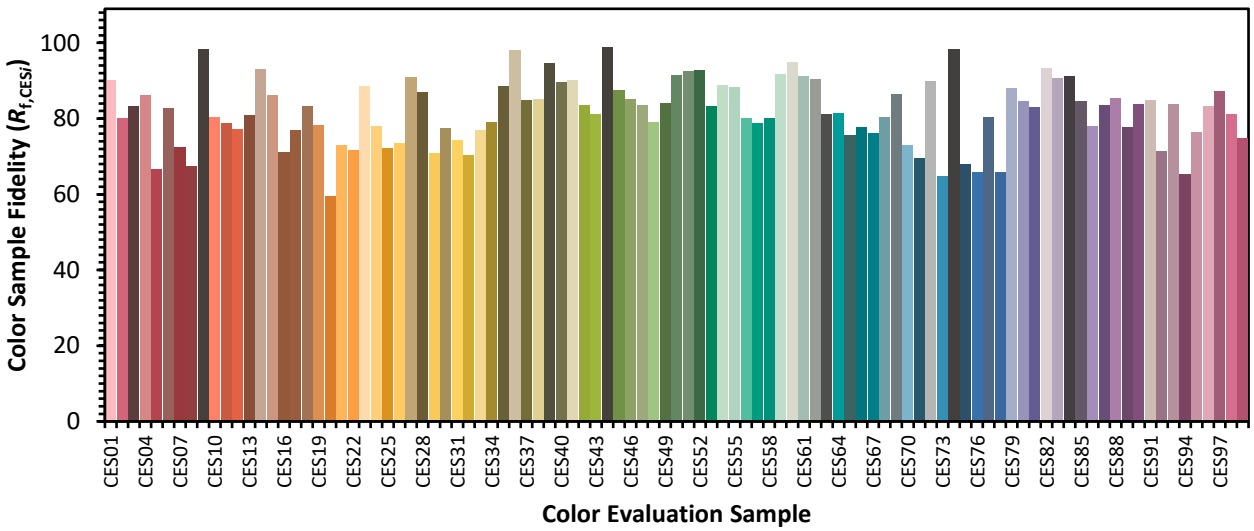
Individual Sample Fidelity Index ($R_{f,i}$)

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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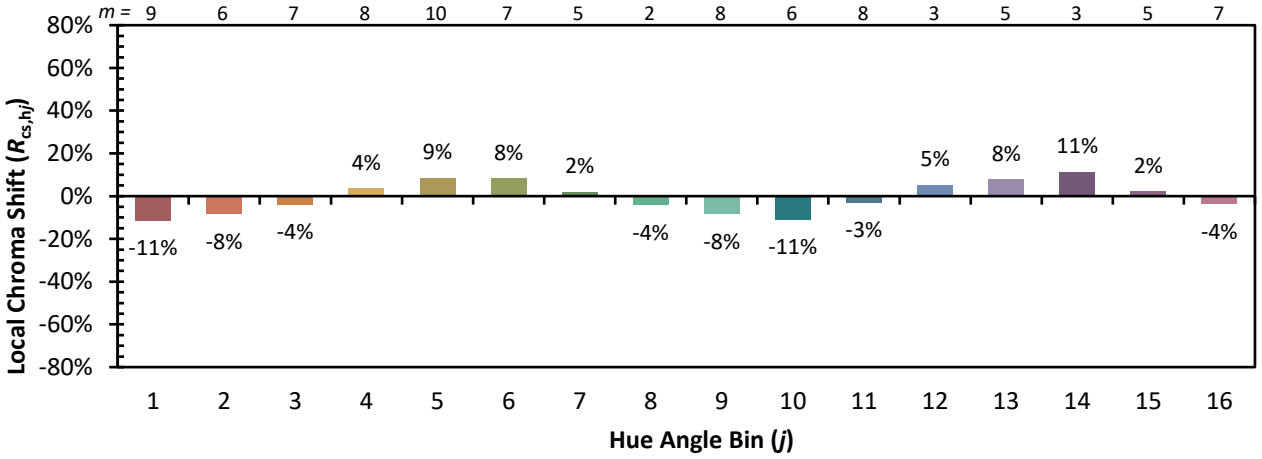
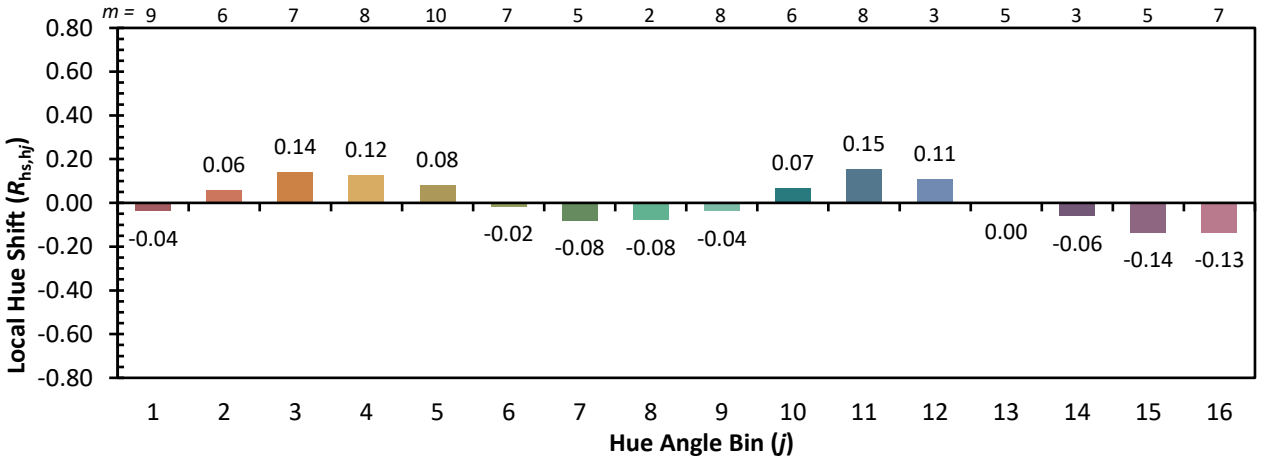
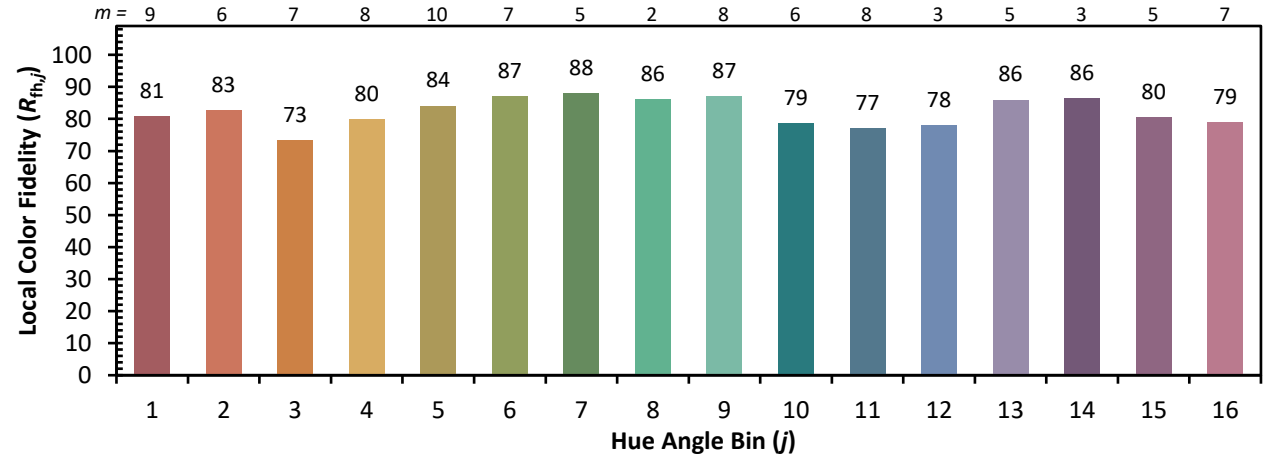
Color Rendition by Hue-Angle Bin







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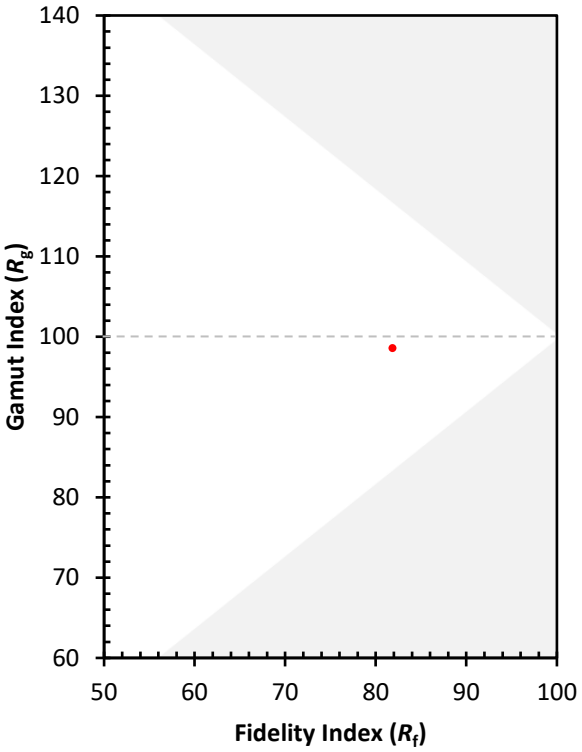
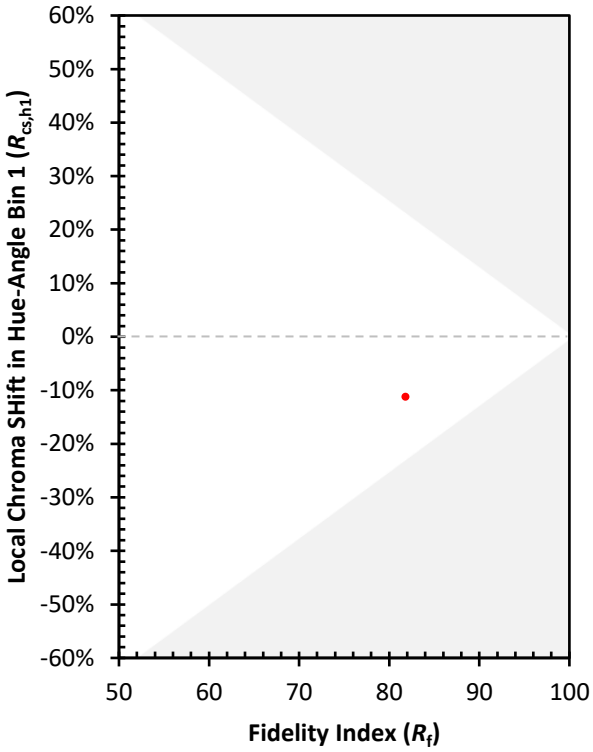
Measure Comparisons





(END OF REPORT)