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: P1457855

Luminaire Tested: GLAN-SB4A-840-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:	P1457855
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB4A-840-U-T2LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 4xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE II 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:	12454.6 lumens
Efficiency:	N/A
Efficacy:	109.3 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type II - 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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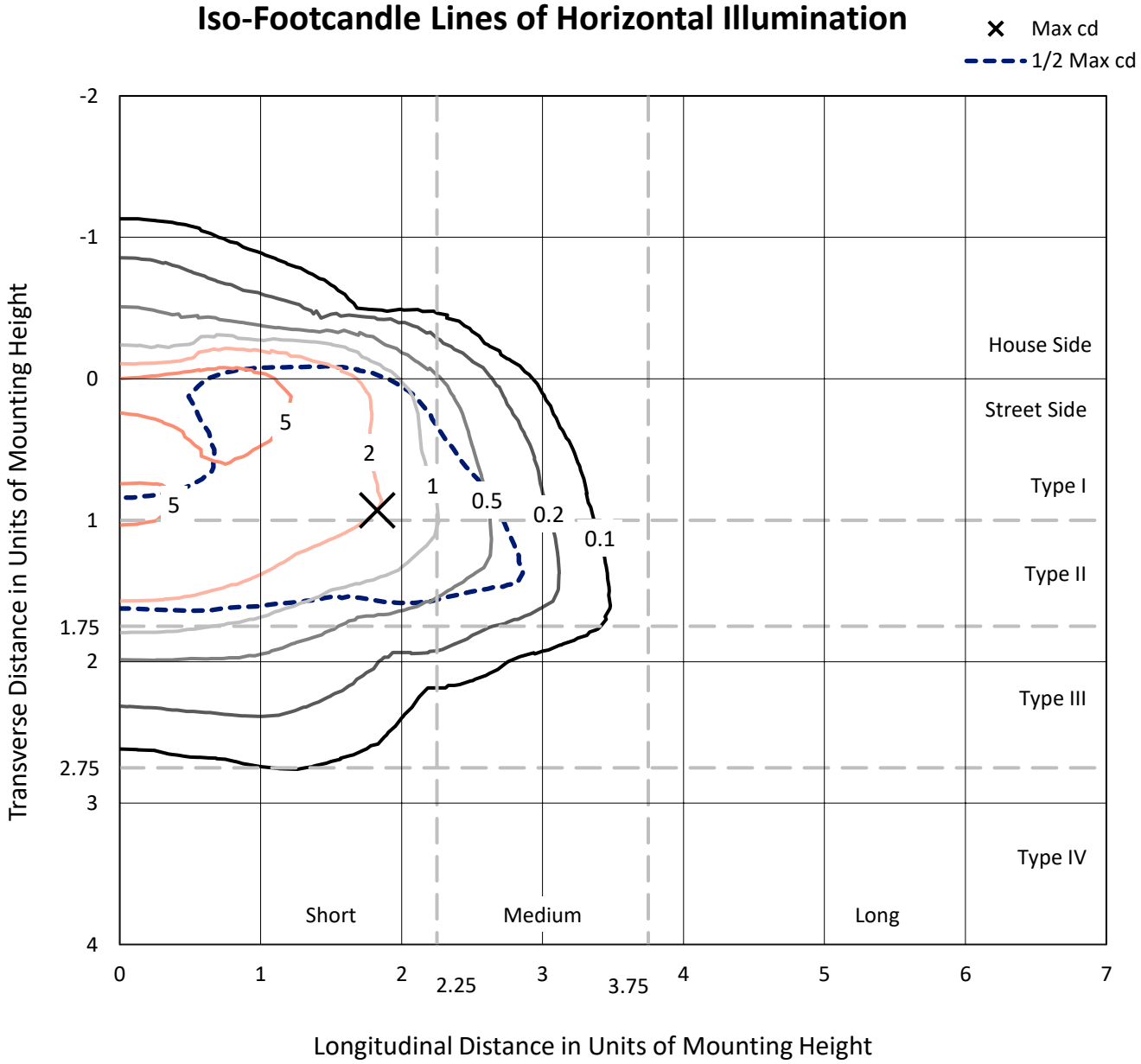
REPORT NUMBER: P1457855
CATALOG NUMBER: GLAN-SB4A-840-U-T2LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 8.9 fc
Type II - Short - N/A

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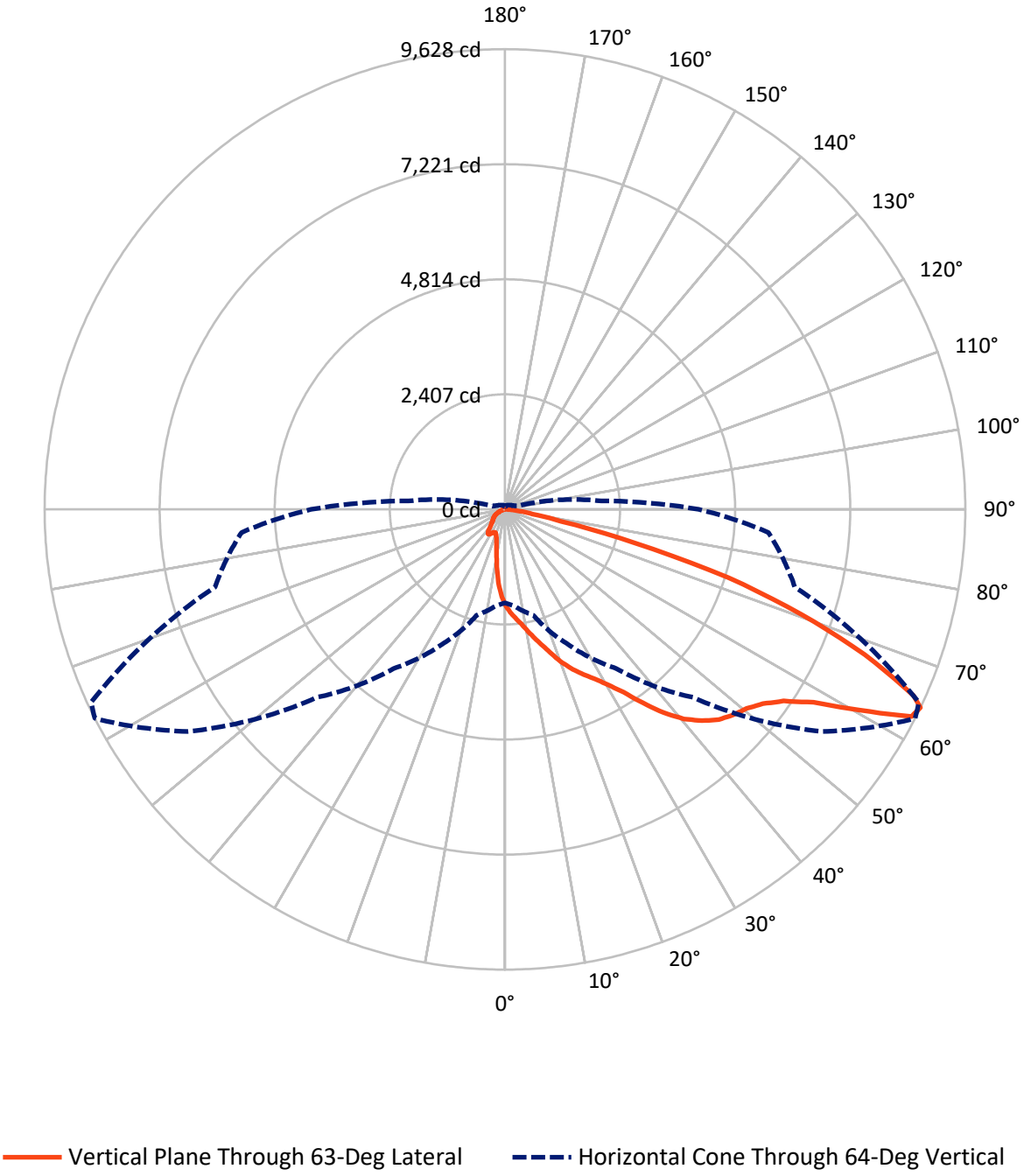
Luminous Intensity Polar Plot



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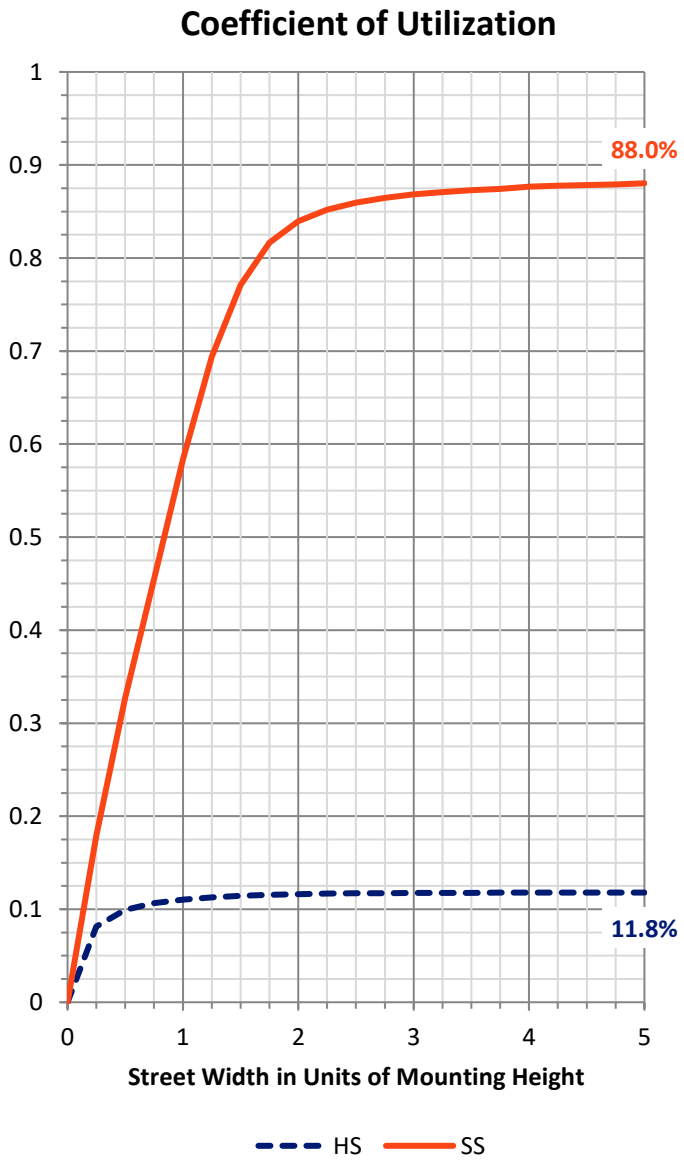
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1478.0	0.0	1478.0
	% Fixture	11.9	0.0	11.9
Street Side	Lumens	10976.7	0.0	10976.7
	% Fixture	88.1	0.0	88.1
Total	Lumens	12454.6	0.0	12454.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	169.6	1.4
10°-20°	476.5	3.8
20°-30°	848.7	6.8
30°-40°	1621.1	13.0
40°-50°	2687.0	21.6
50°-60°	3349.4	26.9
60°-70°	2497.5	20.1
70°-80°	716.3	5.8
80°-90°	88.6	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°	12454.6	100.0
0°-180°	12454.6	100.0



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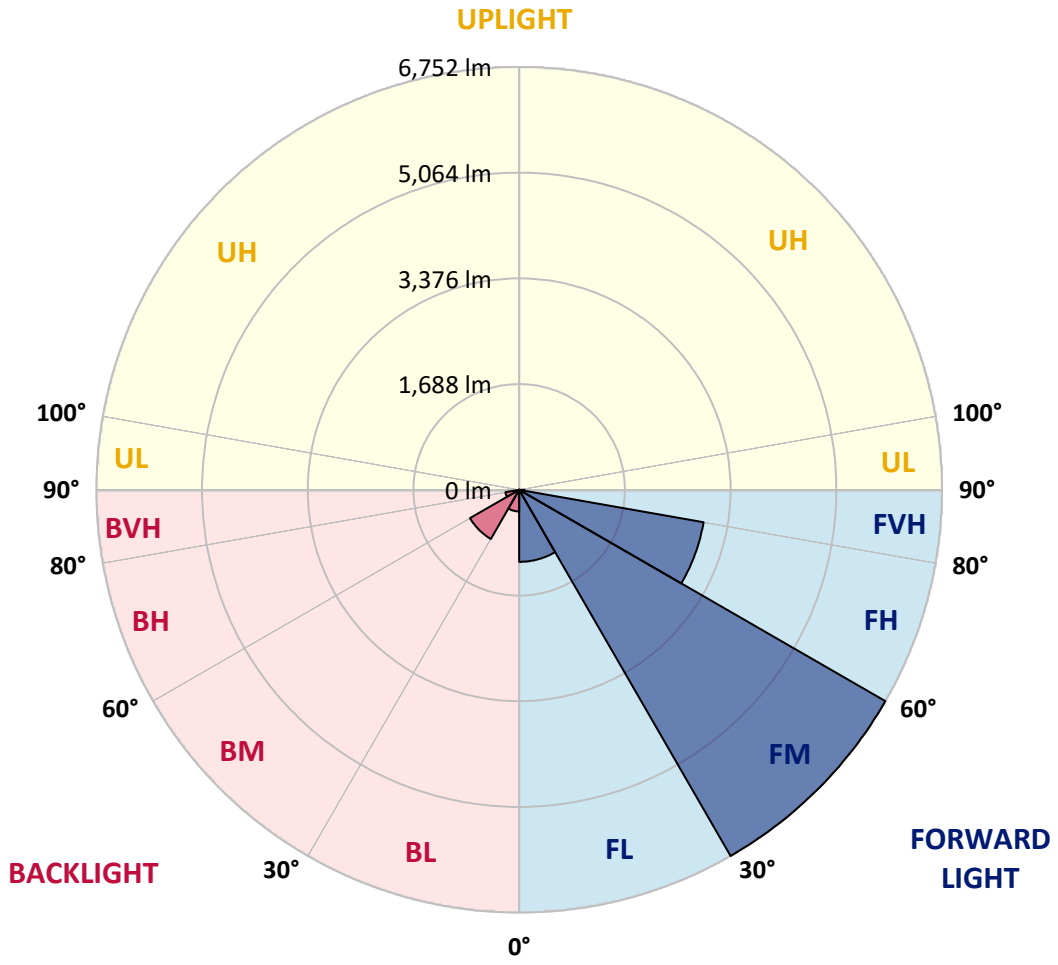
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1150.0	9.2			
FM	(30°-60°)	6752.2	54.2			
FH	(60°-80°)	2990.3	24.0			G2/5000
FVH	(80°-90°)	84.2	0.7			G1/100
BL	(0°-30°)	344.8	2.8	B1/500		
BM	(30°-60°)	905.3	7.3	B1/1000		
BH	(60°-80°)	223.5	1.8	B1/500		G1/500
BVH	(80°-90°)	4.4	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 II Short



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REPORT NUMBER: P1457855
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	63°	65°	75°	85°
0°	2013.8	2013.8	2013.8	2013.8	2013.8	2013.8	2013.8	*2013.8*	2013.8	2013.8	2013.8
2.5°	2256.6	2249.1	2241.7	2230.5	2215.5	2200.6	2181.9	*2155.7*	2144.5	2107.2	2062.3
5°	2372.4	2372.4	2368.7	2361.2	2353.7	2338.8	2316.4	*2282.8*	2267.8	2215.5	2137.1
7.5°	2402.3	2406.1	2417.3	2432.2	2454.6	2450.9	2450.9	*2413.5*	2406.1	2350.0	2245.4
10°	2350.0	2353.7	2383.6	2424.7	2492.0	2555.5	2600.3	*2577.9*	2566.7	2510.7	2379.9
12.5°	2275.3	2275.3	2323.9	2387.4	2492.0	2611.5	2742.3	*2764.7*	2768.5	2704.9	2548.0
15°	2081.0	2088.5	2166.9	2294.0	2465.8	2652.6	2873.1	*2959.0*	2981.4	2940.3	2753.5
17.5°	1823.2	1830.7	1909.2	2081.0	2338.8	2652.6	2985.2	*3183.2*	3213.1	3220.5	3015.0
20°	1714.9	1714.9	1759.7	1890.5	2159.5	2581.7	3052.4	*3422.3*	3489.5	3571.7	3302.7
22.5°	1729.8	1729.8	1756.0	1830.7	2047.4	2484.5	3093.5	*3635.2*	3773.5	3982.7	3672.6
25°	1812.0	1812.0	1834.4	1883.0	2058.6	2469.6	3172.0	*3825.8*	4046.2	4442.2	4094.8
27.5°	1942.8	1939.0	1957.7	2006.3	2166.9	2540.6	3302.7	*4016.3*	4262.9	4957.8	4580.5
30°	2133.3	2122.1	2129.6	2185.6	2342.5	2704.9	3493.3	*4259.2*	4509.5	5522.0	5118.5
32.5°	2574.2	2570.4	2462.1	2432.2	2600.3	2970.2	3754.8	*4561.8*	4842.0	6119.7	5671.4
35°	3370.0	3422.3	3269.1	2876.8	2910.4	3325.1	4128.4	*4972.8*	5230.6	6754.9	6272.9
37.5°	4177.0	4177.0	4113.5	3650.2	3414.8	3717.4	4531.9	*5394.9*	5663.9	7266.7	6852.0
40°	4815.8	4849.5	4774.7	4427.3	4120.9	4165.8	4935.4	*5764.8*	6011.4	7580.6	7263.0
42.5°	5290.3	5282.9	5253.0	5025.1	4853.2	4752.3	5301.5	*6041.3*	6276.7	7741.2	7520.8
45°	5802.2	5802.2	5761.1	5574.3	5432.3	5346.4	5574.3	*6272.9*	6519.5	7838.4	7681.4
47.5°	6336.4	6329.0	6287.9	6082.4	5929.2	5802.2	5850.7	*6422.4*	6669.0	7774.8	7707.6
50°	6467.2	6459.7	6553.1	6560.6	6422.4	6179.5	6071.2	*6549.4*	6766.1	7778.6	7789.8
52.5°	6314.0	6358.9	6497.1	6665.2	6822.1	6568.1	6306.6	*6751.2*	6975.3	7883.2	7995.3
55°	5932.9	5951.6	6216.9	6485.9	6852.0	6941.7	6683.9	*7072.5*	7270.5	7984.1	8178.3
57.5°	5223.1	5294.1	5578.0	6045.0	6601.7	6975.3	7341.5	*7610.5*	7759.9	8025.2	8077.5
60°	3941.6	3979.0	4595.4	5200.7	6082.4	6706.3	7954.2	*8522.1*	8503.4	7561.9	7371.3
62.5°	2398.6	2432.2	2873.1	3833.2	4942.9	6145.9	8159.7	*9542.0*	9441.1	6781.0	6205.7
64°	*1954.0*	*2017.5*	*2290.2*	*3112.2*	*4064.9*	*5559.3*	*8099.9*	*9628.0*	*9549.5*	*6276.7*	*5529.4*
65°	1670.0	1756.0	2036.2	2701.2	3455.9	4927.9	7935.5	*9388.8*	9336.5	5970.3	4969.0
67.5°	1049.8	1090.9	1505.7	2099.7	2379.9	3153.3	6822.1	*8118.6*	8212.0	5320.2	3665.1
70°	780.8	799.5	1034.9	1625.2	1856.8	1834.4	4685.1	*6575.6*	6598.0	4255.4	2211.8
72.5°	567.9	571.6	724.8	1203.0	1453.3	1251.6	2469.6	*4886.8*	4726.2	2492.0	1206.8
75°	377.3	392.3	508.1	848.1	1132.0	919.1	1124.6	*2783.4*	2734.8	1218.0	691.2
77.5°	276.5	280.2	343.7	567.9	889.2	676.2	680.0	*1199.3*	1236.7	724.8	437.1
80°	156.9	164.4	224.2	347.5	579.1	463.3	381.1	*579.1*	665.0	493.2	291.4
82.5°	93.4	100.9	160.7	227.9	396.0	190.5	194.3	*317.6*	396.0	354.9	156.9
85°	56.0	59.8	100.9	123.3	235.4	127.0	71.0	*156.9*	205.5	209.2	85.9
87.5°	37.4	37.4	56.0	52.3	67.2	59.8	29.9	*41.1*	52.3	71.0	33.6
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: P1457855
CATALOG NUMBER: GLAN-SB4A-840-U-T2LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2013.8	2013.8	2013.8	2013.8	2013.8	2013.8	2013.8	2013.8	2013.8	2013.8	2013.8
2.5°	2025.0	2002.6	1935.3	1845.6	1763.4	1699.9	1621.5	1569.2	1520.6	1520.6	1479.5
5°	2073.5	2013.8	1849.4	1643.9	1423.5	1214.2	1079.7	930.3	881.7	840.6	848.1
7.5°	2155.7	2047.4	1756.0	1386.1	1034.9	810.7	661.3	594.0	564.2	545.5	549.2
10°	2256.6	2107.2	1643.9	1124.6	762.2	594.0	523.1	496.9	485.7	482.0	482.0
12.5°	2394.8	2178.2	1531.8	904.1	601.5	511.8	474.5	459.5	448.3	440.9	440.9
15°	2559.2	2267.8	1401.0	743.5	526.8	470.7	440.9	425.9	411.0	407.2	407.2
17.5°	2768.5	2361.2	1285.2	638.9	489.4	440.9	411.0	392.3	381.1	377.3	377.3
20°	3000.1	2477.0	1169.4	579.1	463.3	411.0	381.1	366.1	354.9	347.5	351.2
22.5°	3295.2	2622.7	1094.7	549.2	440.9	384.8	354.9	340.0	328.8	321.3	325.0
25°	3620.3	2805.8	1053.6	549.2	425.9	366.1	332.5	317.6	306.4	298.9	298.9
27.5°	4016.3	3011.3	1057.3	571.6	422.2	351.2	313.8	298.9	287.7	276.5	276.5
30°	4453.4	3254.2	1098.4	612.7	429.7	336.2	298.9	276.5	269.0	257.8	257.8
32.5°	4916.7	3534.4	1203.0	665.0	422.2	317.6	276.5	257.8	246.6	239.1	239.1
35°	5406.2	3851.9	1333.8	687.4	384.8	291.4	257.8	239.1	231.6	227.9	224.2
37.5°	5873.2	4128.4	1404.8	642.6	336.2	269.0	235.4	216.7	213.0	205.5	205.5
40°	6235.6	4356.3	1363.7	549.2	310.1	246.6	216.7	198.0	190.5	183.1	183.1
42.5°	6448.5	4438.5	1214.2	467.0	291.4	224.2	198.0	179.3	171.9	168.1	168.1
45°	6571.8	4427.3	1038.6	418.4	272.7	205.5	179.3	168.1	156.9	153.2	149.4
47.5°	6568.1	4311.5	911.6	377.3	254.1	190.5	168.1	156.9	145.7	142.0	142.0
50°	6541.9	4139.6	769.6	347.5	239.1	179.3	156.9	149.4	138.2	134.5	130.8
52.5°	6605.4	4042.5	642.6	328.8	220.4	171.9	153.2	142.0	127.0	123.3	123.3
55°	6683.9	3986.4	515.6	310.1	205.5	168.1	145.7	134.5	119.6	115.8	115.8
57.5°	6456.0	3773.5	425.9	280.2	186.8	160.7	138.2	130.8	115.8	104.6	104.6
60°	5738.7	3119.7	351.2	246.6	171.9	149.4	130.8	119.6	104.6	89.7	89.7
62.5°	4666.4	2379.9	291.4	209.2	160.7	138.2	119.6	108.3	89.7	71.0	71.0
64°	*4053.7*	*2021.2*	*261.5*	*183.1*	*153.2*	*127.0*	*108.3*	*97.1*	*78.5*	*59.8*	*56.0*
65°	3635.2	1785.9	242.8	171.9	149.4	119.6	104.6	93.4	71.0	56.0	52.3
67.5°	2559.2	1199.3	194.3	142.0	130.8	100.9	89.7	78.5	63.5	48.6	44.8
70°	1490.7	680.0	153.2	119.6	100.9	78.5	74.7	71.0	56.0	37.4	37.4
72.5°	810.7	340.0	115.8	97.1	78.5	56.0	63.5	56.0	44.8	29.9	26.2
75°	496.9	209.2	85.9	71.0	52.3	41.1	48.6	41.1	26.2	18.7	14.9
77.5°	332.5	134.5	63.5	48.6	33.6	26.2	33.6	22.4	11.2	3.7	3.7
80°	205.5	93.4	41.1	29.9	18.7	11.2	7.5	3.7	3.7	0.0	0.0
82.5°	89.7	59.8	22.4	14.9	7.5	3.7	3.7	0.0	0.0	0.0	0.0
85°	48.6	18.7	7.5	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	14.9	7.5	3.7	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

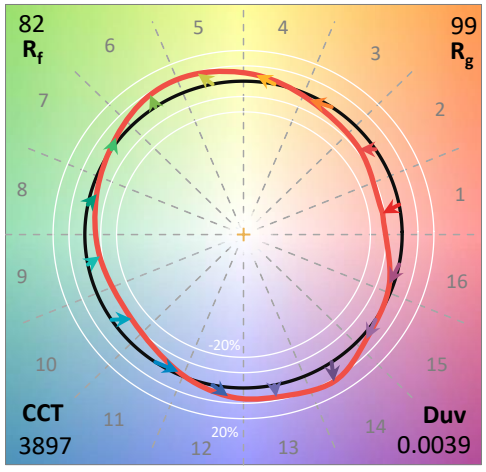
Test Information

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

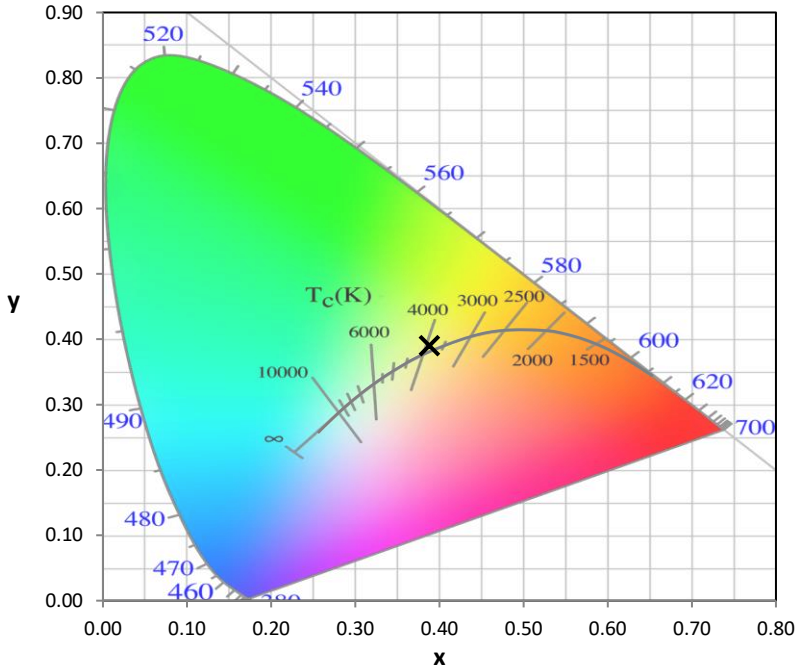
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

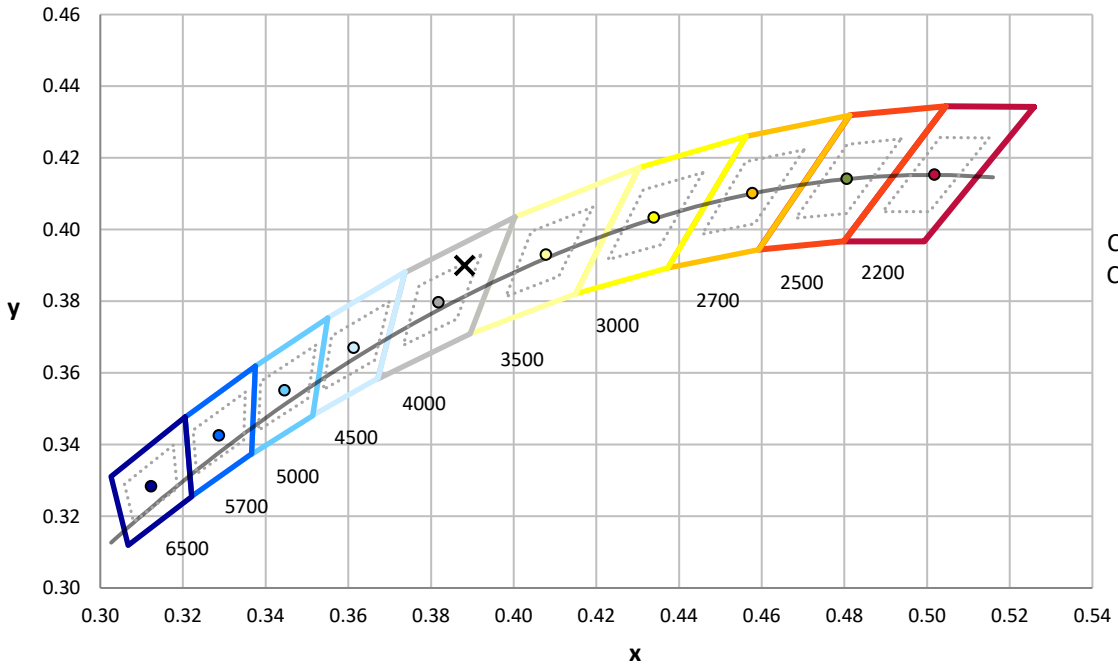
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

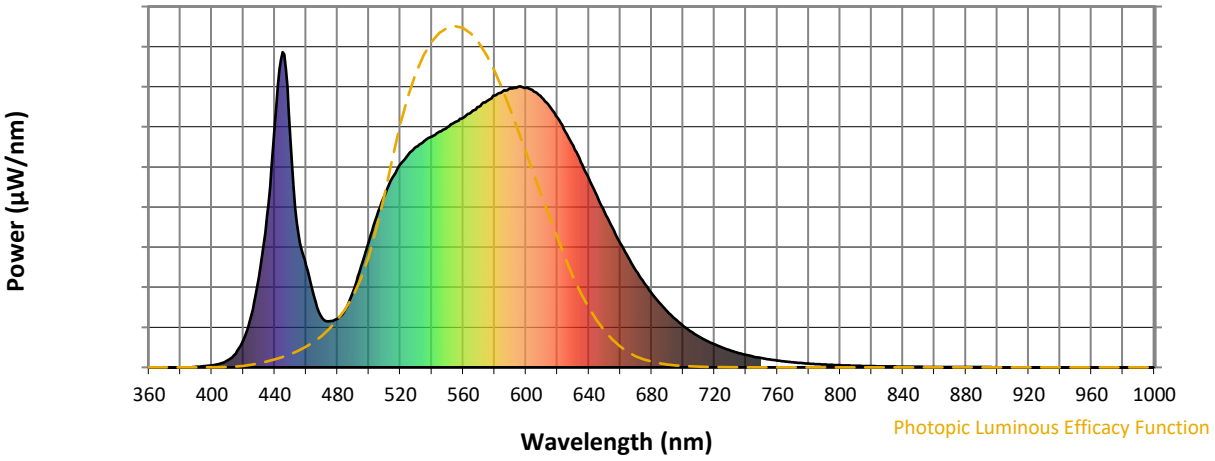


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

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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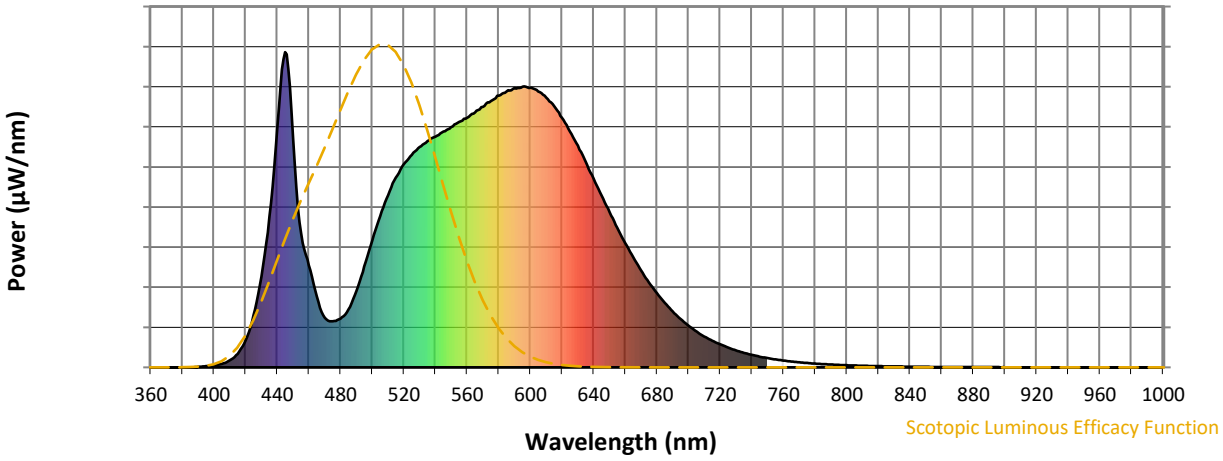
Scotopic Flux vs. Wavelength



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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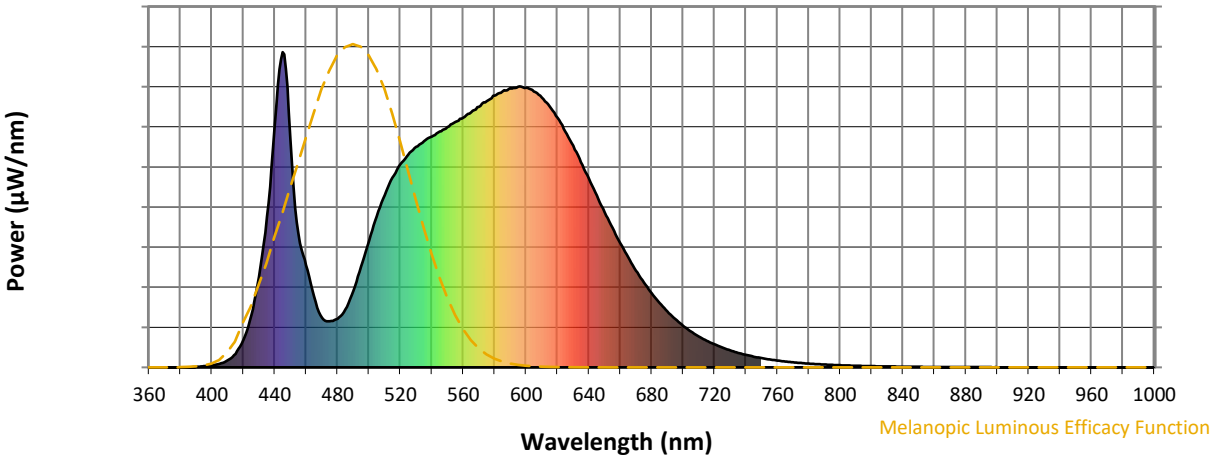
Melanopic Flux vs. Wavelength



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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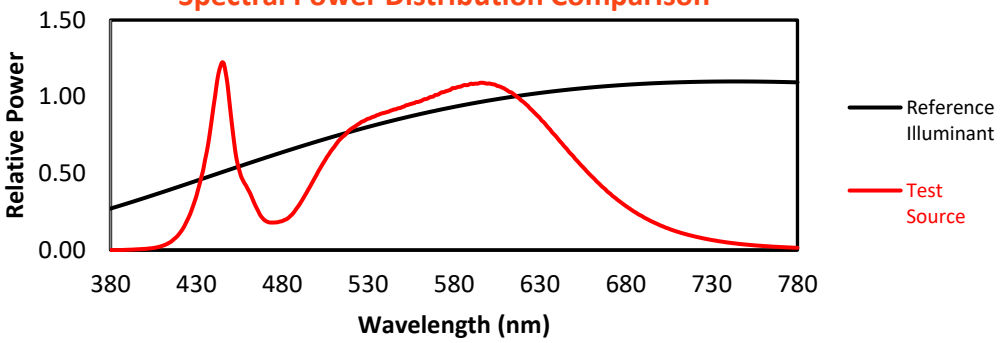
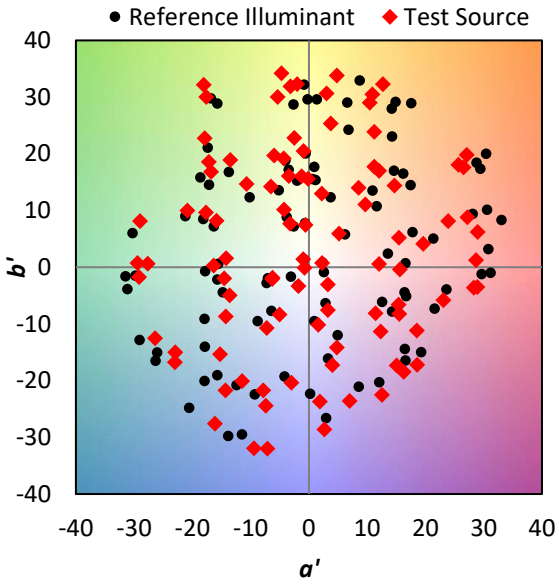
Summary

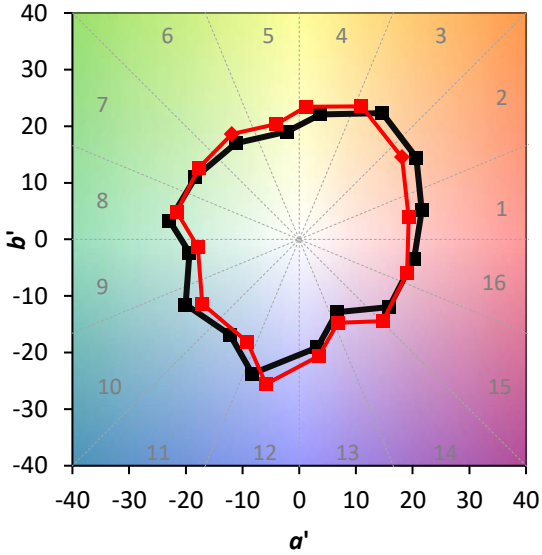
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

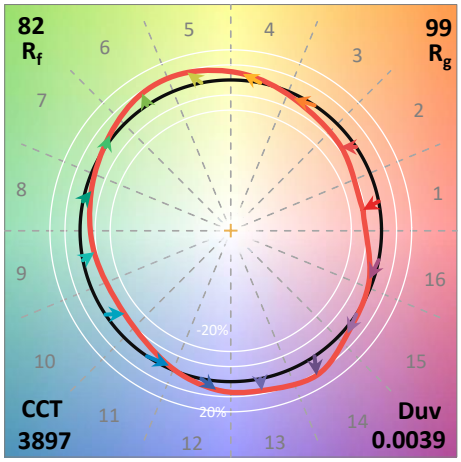
Spectral Power Distribution Comparison

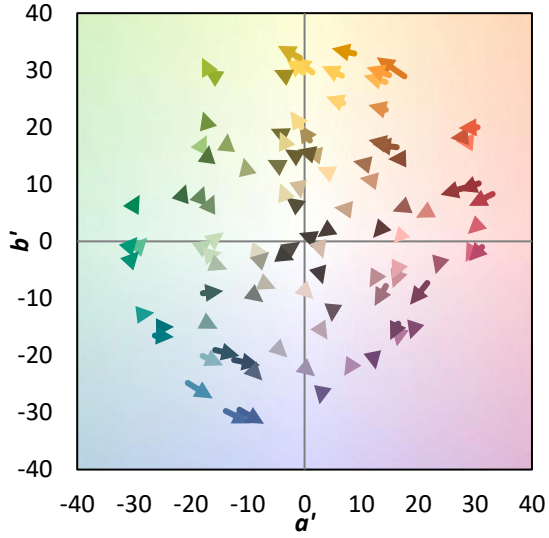


Color Vector Graphics









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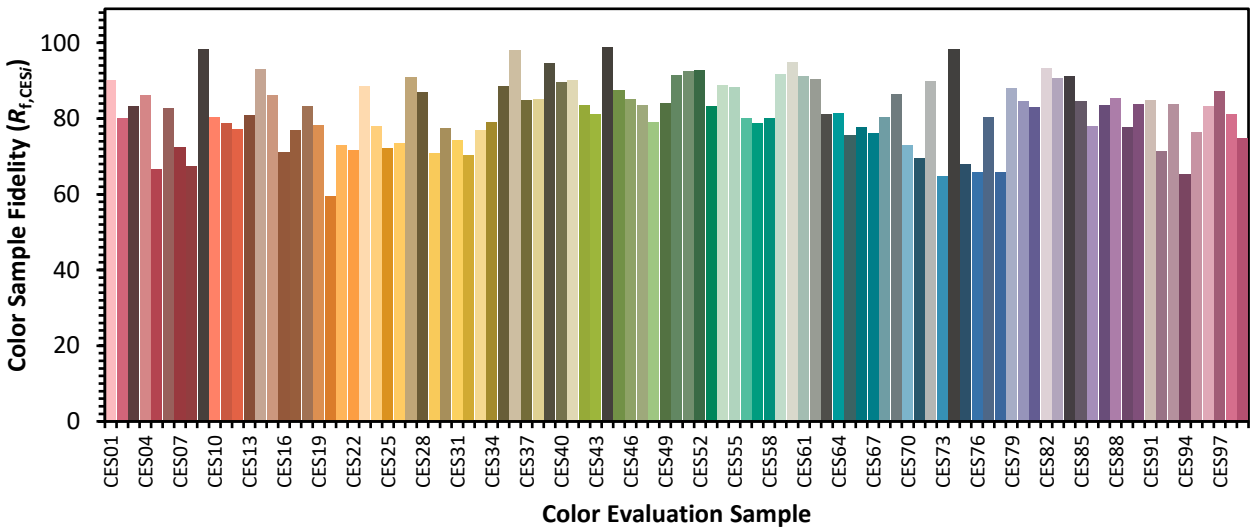
Individual Sample Fidelity Index ($R_{f,i}$)

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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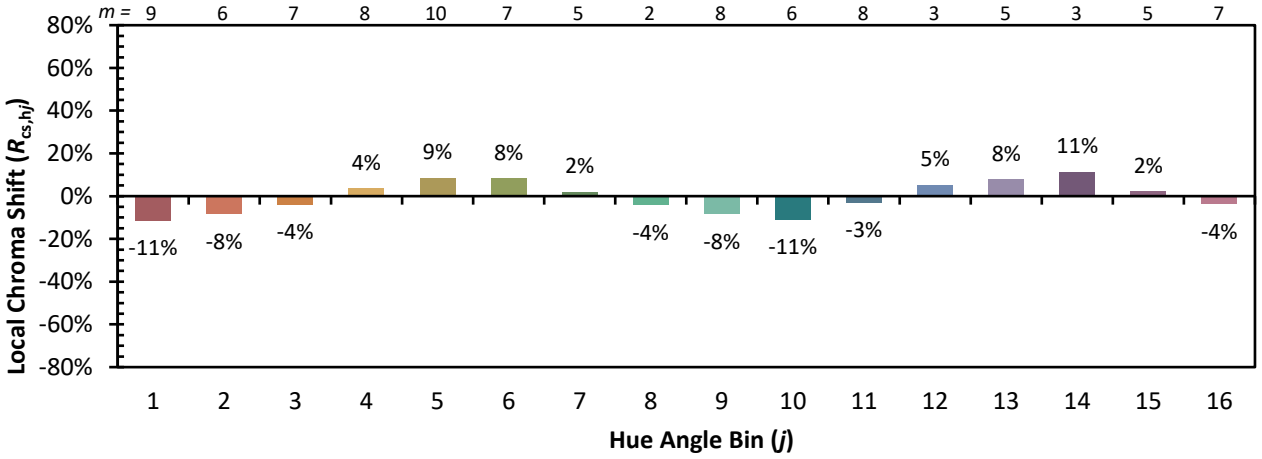
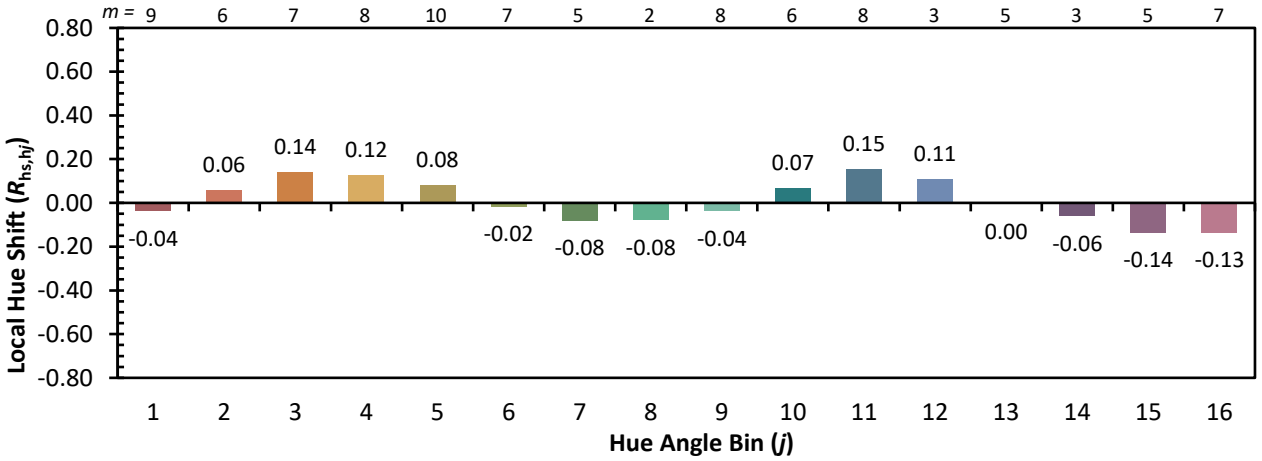
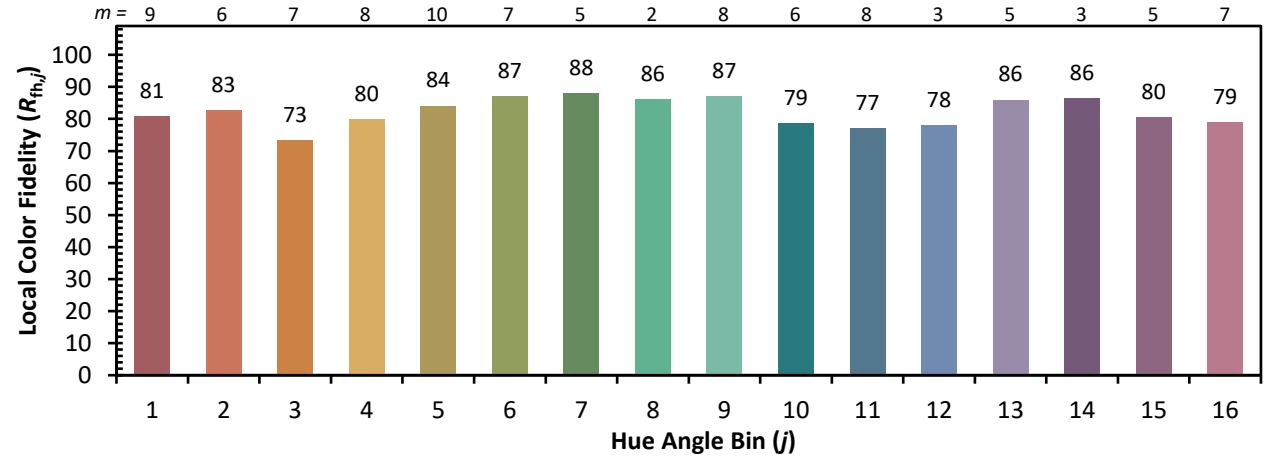
Color Rendition by Hue-Angle Bin







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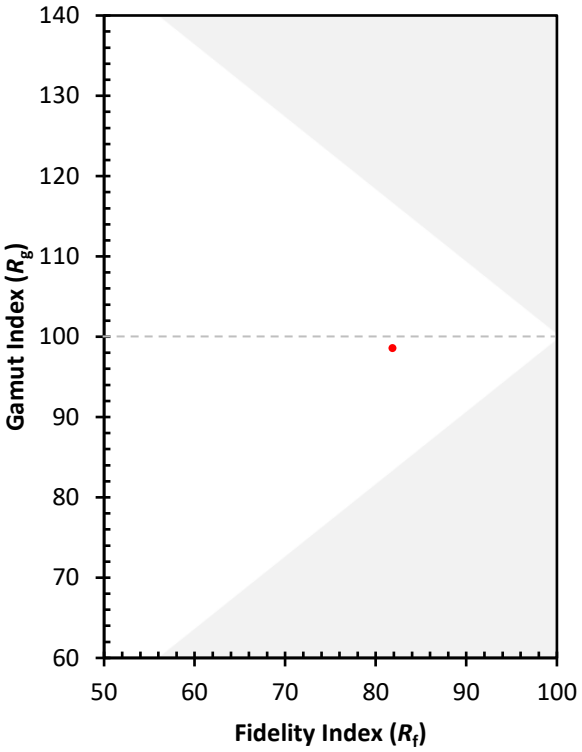
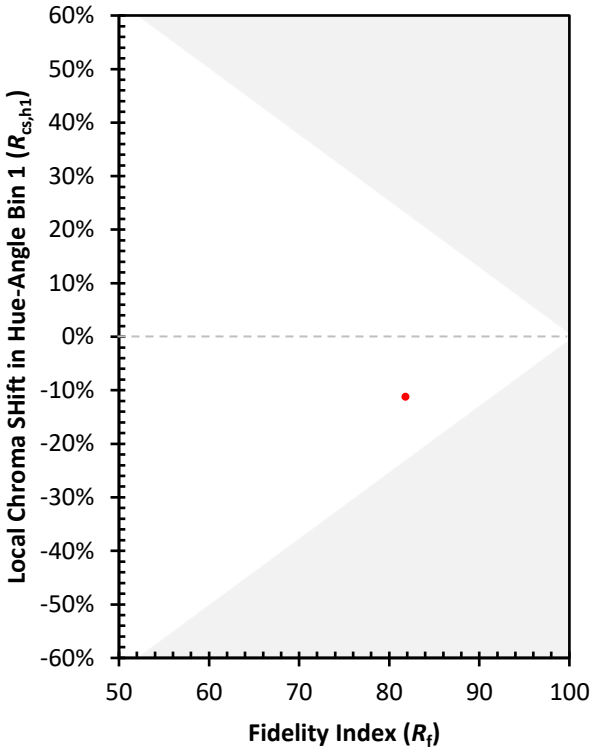
Measure Comparisons





(END OF REPORT)