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: P1457847

Luminaire Tested: GLAN-SB2A-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:	P1457847
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB2A-840-U-T2LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 2xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE II LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(52) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6214.7 lumens
Efficiency:	N/A
Efficacy:	108.5 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B1 - U0 - G1

Input Watts (W):	57.3
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: P1457847
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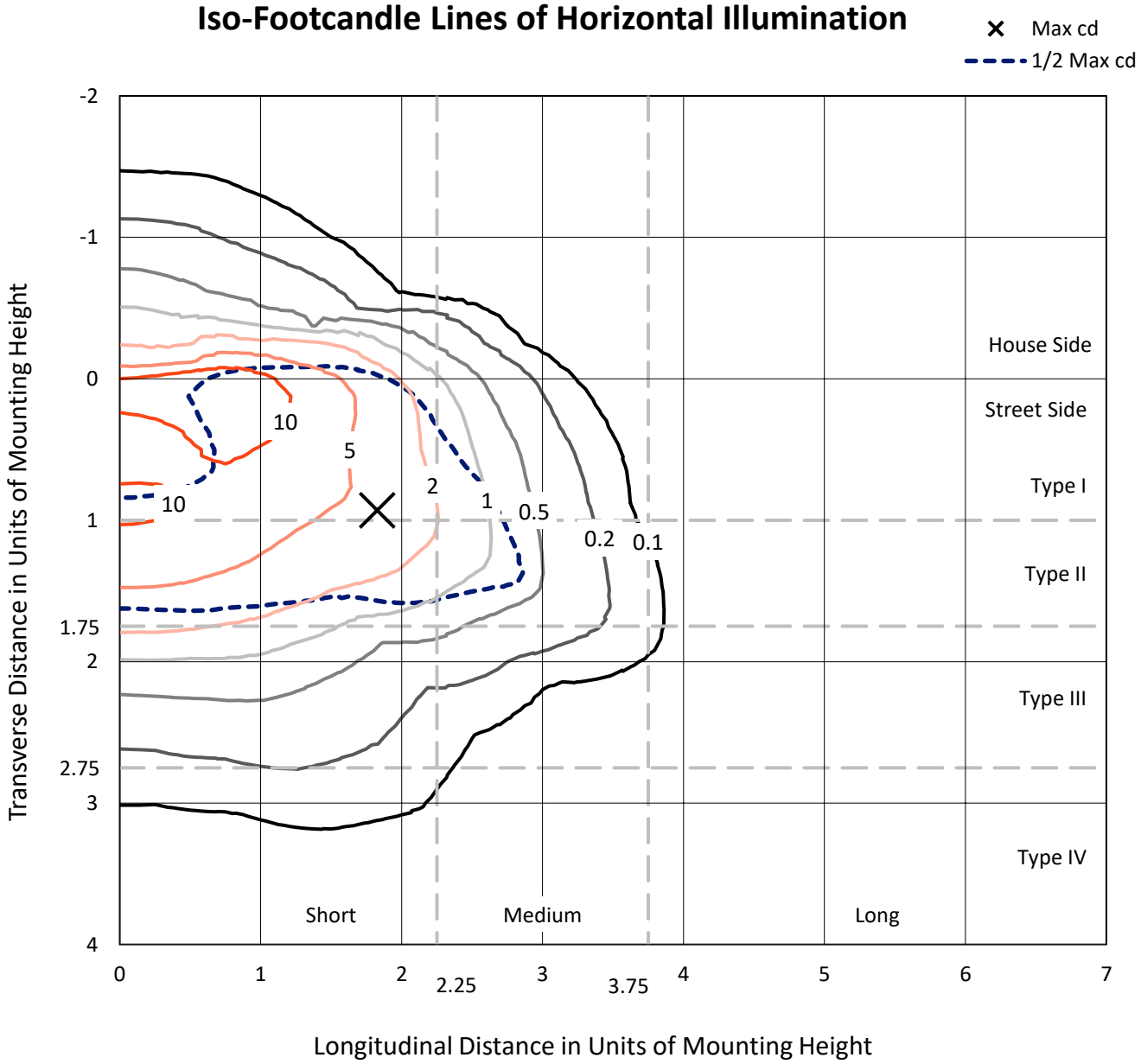
Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 17.8 fc
Type II - Short - N/A

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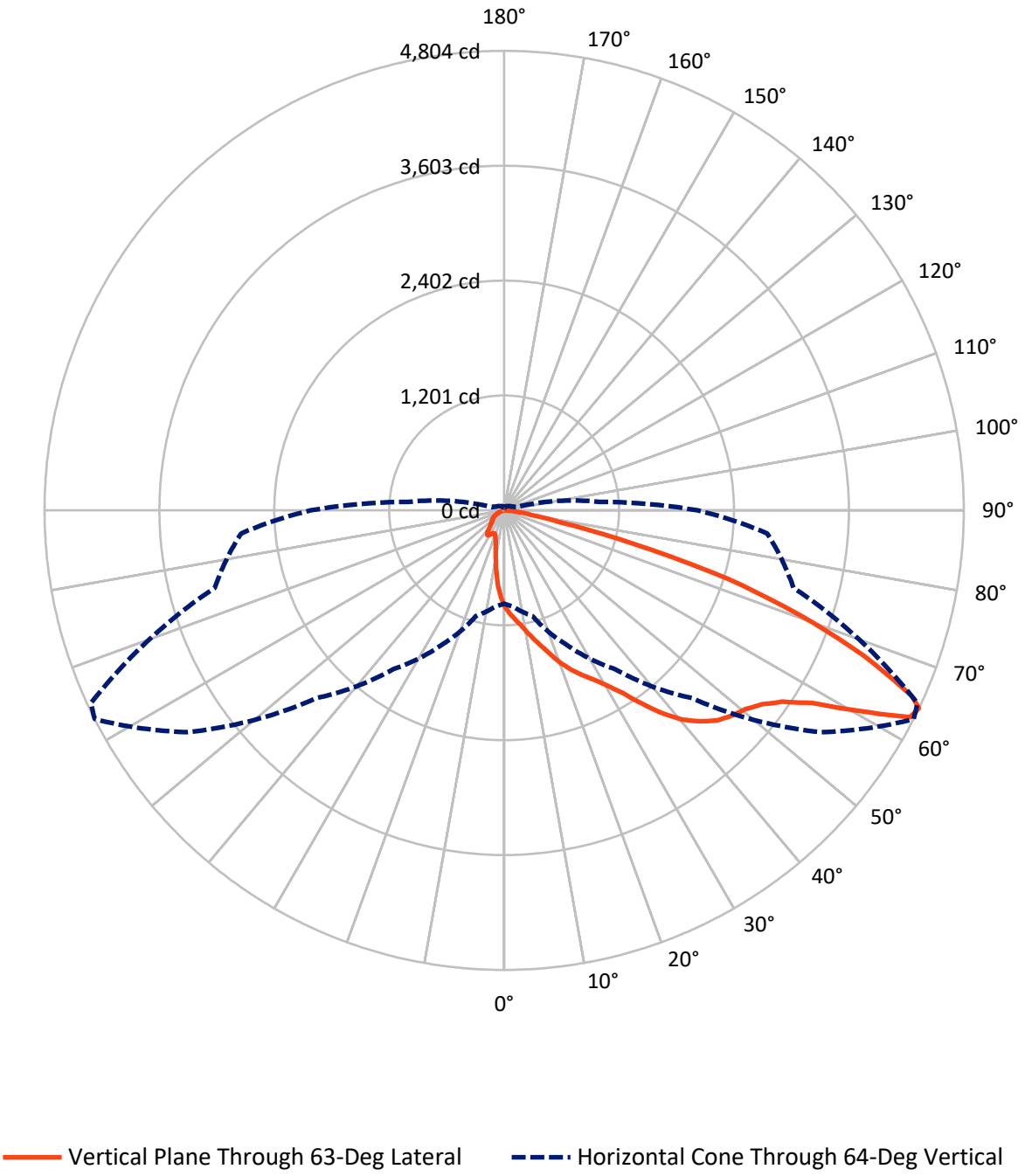
Luminous Intensity Polar Plot



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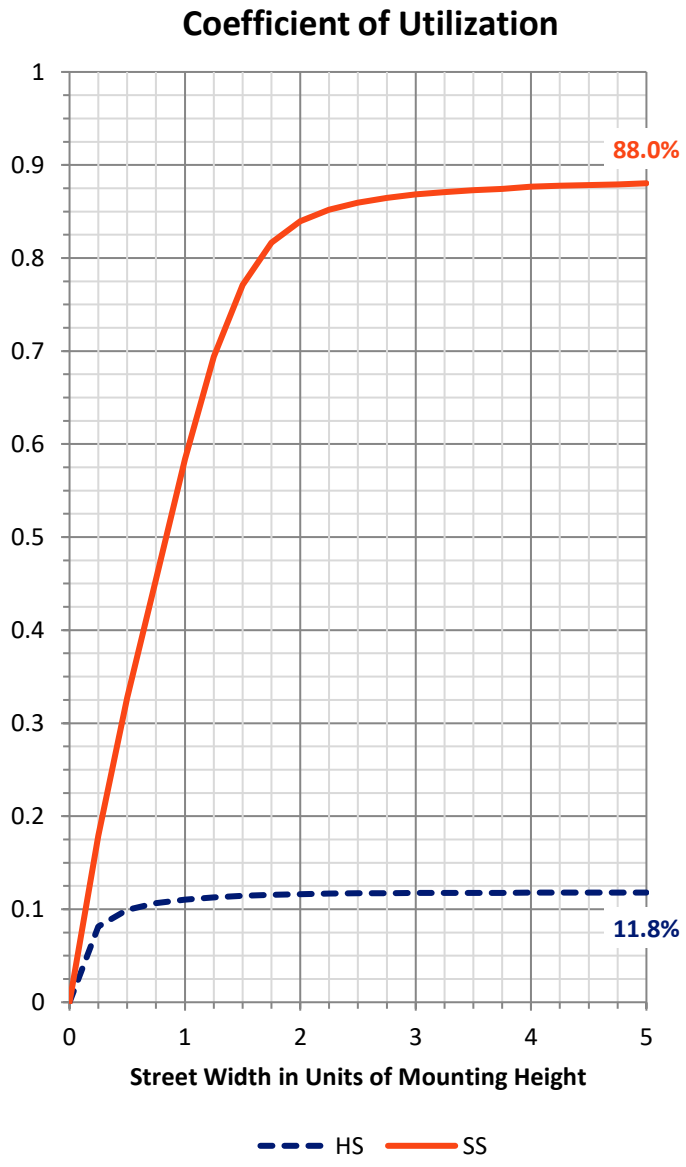
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	737.5	0.0	737.5
	% Fixture	11.9	0.0	11.9
Street Side	Lumens	5477.2	0.0	5477.2
	% Fixture	88.1	0.0	88.1
Total	Lumens	6214.7	0.0	6214.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	84.6	1.4
10°-20°	237.8	3.8
20°-30°	423.5	6.8
30°-40°	808.9	13.0
40°-50°	1340.8	21.6
50°-60°	1671.3	26.9
60°-70°	1246.2	20.1
70°-80°	357.4	5.8
80°-90°	44.2	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°	6214.7	100.0
0°-180°	6214.7	100.0



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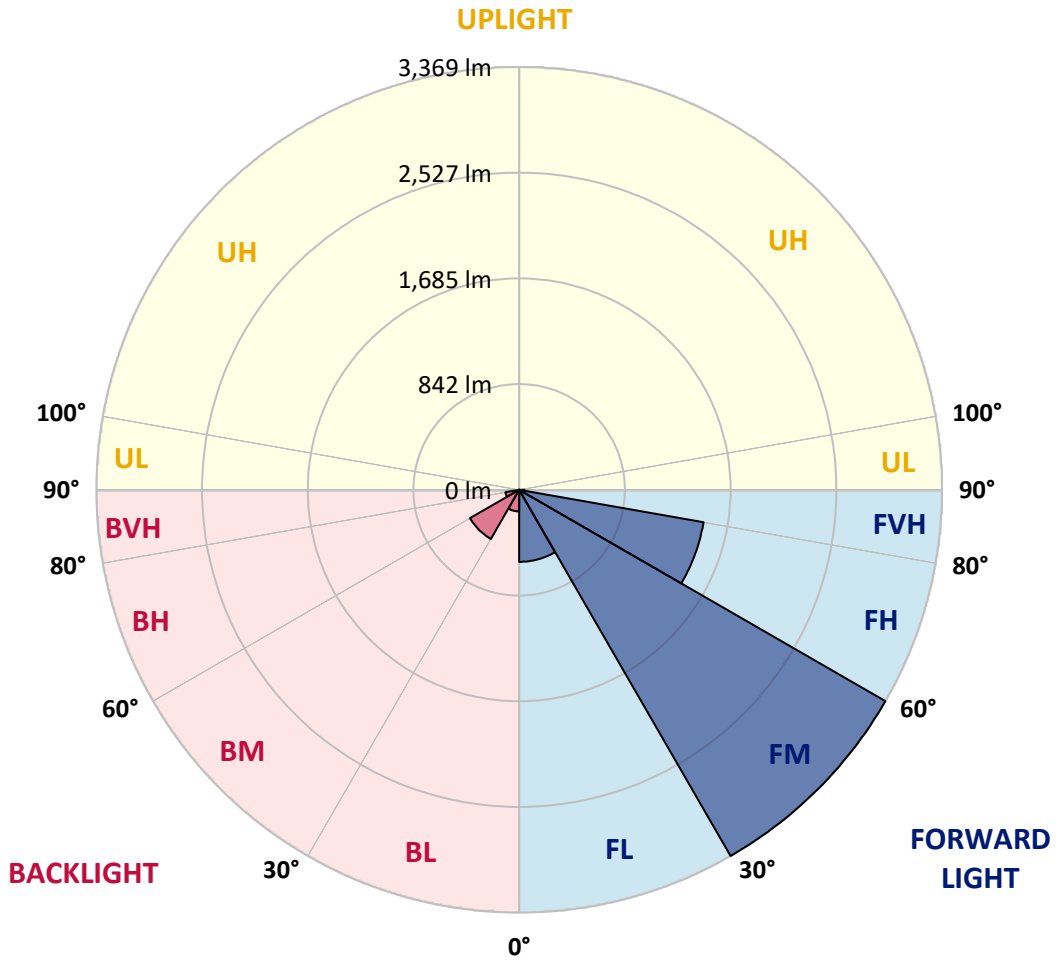
CATALOG NUMBER: GLAN-SB2A-840-U-T2LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	573.8	9.2			
FM	(30°-60°)	3369.2	54.2			
FH	(60°-80°)	1492.1	24.0			G1/1800
FVH	(80°-90°)	42.0	0.7			G1/100
BL	(0°-30°)	172.1	2.8	B1/500		
BM	(30°-60°)	451.7	7.3	B1/1000		
BH	(60°-80°)	111.5	1.8	B1/500		G1/500
BVH	(80°-90°)	2.2	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-G1
Type II Short



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REPORT NUMBER: P1457847
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	63°	65°	75°	85°
0°	1004.8	1004.8	1004.8	1004.8	1004.8	1004.8	1004.8	*1004.8*	1004.8	1004.8	1004.8
2.5°	1126.0	1122.3	1118.6	1113.0	1105.5	1098.1	1088.7	*1075.7*	1070.1	1051.4	1029.1
5°	1183.8	1183.8	1181.9	1178.2	1174.5	1167.0	1155.8	*1139.1*	1131.6	1105.5	1066.4
7.5°	1198.7	1200.6	1206.2	1213.6	1224.8	1223.0	1223.0	*1204.3*	1200.6	1172.6	1120.4
10°	1172.6	1174.5	1189.4	1209.9	1243.5	1275.2	1297.5	*1286.3*	1280.8	1252.8	1187.5
12.5°	1135.3	1135.3	1159.6	1191.3	1243.5	1303.1	1368.4	*1379.6*	1381.4	1349.7	1271.4
15°	1038.4	1042.1	1081.3	1144.7	1230.4	1323.6	1433.6	*1476.5*	1487.7	1467.2	1374.0
17.5°	909.8	913.5	952.6	1038.4	1167.0	1323.6	1489.6	*1588.4*	1603.3	1607.0	1504.5
20°	855.7	855.7	878.1	943.3	1077.5	1288.2	1523.1	*1707.7*	1741.2	1782.2	1648.0
22.5°	863.2	863.2	876.2	913.5	1021.6	1239.7	1543.6	*1813.9*	1882.9	1987.3	1832.6
25°	904.2	904.2	915.4	939.6	1027.2	1232.3	1582.8	*1909.0*	2019.0	2216.6	2043.2
27.5°	969.4	967.6	976.9	1001.1	1081.3	1267.7	1648.0	*2004.1*	2127.1	2473.9	2285.6
30°	1064.5	1058.9	1062.6	1090.6	1168.9	1349.7	1743.1	*2125.3*	2250.2	2755.4	2554.0
32.5°	1284.5	1282.6	1228.6	1213.6	1297.5	1482.1	1873.6	*2276.3*	2416.1	3053.7	2830.0
35°	1681.6	1707.7	1631.2	1435.5	1452.3	1659.2	2060.0	*2481.3*	2610.0	3370.6	3130.1
37.5°	2084.3	2084.3	2052.6	1821.4	1703.9	1854.9	2261.4	*2692.0*	2826.2	3626.0	3419.1
40°	2403.0	2419.8	2382.5	2209.2	2056.3	2078.7	2462.7	*2876.6*	2999.6	3782.6	3624.1
42.5°	2639.8	2636.1	2621.2	2507.4	2421.7	2371.3	2645.4	*3014.5*	3132.0	3862.8	3752.8
45°	2895.2	2895.2	2874.7	2781.5	2710.6	2667.8	2781.5	*3130.1*	3253.1	3911.2	3832.9
47.5°	3161.8	3158.1	3137.6	3035.0	2958.6	2895.2	2919.4	*3204.7*	3327.7	3879.5	3846.0
50°	3227.0	3223.3	3269.9	3273.7	3204.7	3083.5	3029.4	*3268.1*	3376.2	3881.4	3887.0
52.5°	3150.6	3173.0	3242.0	3325.9	3404.2	3277.4	3146.9	*3368.7*	3480.6	3933.6	3989.5
55°	2960.5	2969.8	3102.1	3236.4	3419.1	3463.8	3335.2	*3529.1*	3627.9	3983.9	4080.9
57.5°	2606.2	2641.7	2783.4	3016.4	3294.2	3480.6	3663.3	*3797.5*	3872.1	4004.4	4030.5
60°	1966.8	1985.4	2293.0	2595.1	3035.0	3346.4	3969.0	*4252.4*	4243.1	3773.3	3678.2
62.5°	1196.9	1213.6	1433.6	1912.7	2466.4	3066.7	4071.6	*4761.3*	4711.0	3383.6	3096.5
64°	*975.0*	*1006.7*	*1142.8*	*1552.9*	*2028.3*	*2774.0*	*4041.7*	*4804.2*	*4765.1*	*3132.0*	*2759.1*
65°	833.3	876.2	1016.0	1347.9	1724.4	2459.0	3959.7	*4684.9*	4658.8	2979.1	2479.5
67.5°	523.9	544.4	751.3	1047.7	1187.5	1573.4	3404.2	*4051.1*	4097.7	2654.7	1828.8
70°	389.6	399.0	516.4	811.0	926.5	915.4	2337.8	*3281.1*	3292.3	2123.4	1103.6
72.5°	283.4	285.2	361.7	600.3	725.2	624.5	1232.3	*2438.5*	2358.3	1243.5	602.2
75°	188.3	195.7	253.5	423.2	564.9	458.6	561.1	*1388.9*	1364.6	607.8	344.9
77.5°	138.0	139.8	171.5	283.4	443.7	337.4	339.3	*598.4*	617.1	361.7	218.1
80°	78.3	82.0	111.9	173.4	289.0	231.2	190.2	*289.0*	331.8	246.1	145.4
82.5°	46.6	50.3	80.2	113.7	197.6	95.1	96.9	*158.5*	197.6	177.1	78.3
85°	28.0	29.8	50.3	61.5	117.4	63.4	35.4	*78.3*	102.5	104.4	42.9
87.5°	18.6	18.6	28.0	26.1	33.6	29.8	14.9	*20.5*	26.1	35.4	16.8
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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REPORT NUMBER: P1457847
CATALOG NUMBER: GLAN-SB2A-840-U-T2LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1004.8	1004.8	1004.8	1004.8	1004.8	1004.8	1004.8	1004.8	1004.8	1004.8	1004.8
2.5°	1010.4	999.2	965.7	920.9	879.9	848.2	809.1	783.0	758.8	758.8	738.3
5°	1034.7	1004.8	922.8	820.3	710.3	605.9	538.8	464.2	440.0	419.5	423.2
7.5°	1075.7	1021.6	876.2	691.6	516.4	404.5	330.0	296.4	281.5	272.2	274.0
10°	1126.0	1051.4	820.3	561.1	380.3	296.4	261.0	247.9	242.4	240.5	240.5
12.5°	1195.0	1086.9	764.3	451.2	300.1	255.4	236.8	229.3	223.7	220.0	220.0
15°	1277.0	1131.6	699.1	371.0	262.9	234.9	220.0	212.5	205.1	203.2	203.2
17.5°	1381.4	1178.2	641.3	318.8	244.2	220.0	205.1	195.7	190.2	188.3	188.3
20°	1497.0	1236.0	583.5	289.0	231.2	205.1	190.2	182.7	177.1	173.4	175.2
22.5°	1644.3	1308.7	546.2	274.0	220.0	192.0	177.1	169.6	164.1	160.3	162.2
25°	1806.5	1400.1	525.7	274.0	212.5	182.7	165.9	158.5	152.9	149.1	149.1
27.5°	2004.1	1502.6	527.6	285.2	210.7	175.2	156.6	149.1	143.5	138.0	138.0
30°	2222.2	1623.8	548.1	305.7	214.4	167.8	149.1	138.0	134.2	128.6	128.6
32.5°	2453.4	1763.6	600.3	331.8	210.7	158.5	138.0	128.6	123.0	119.3	119.3
35°	2697.6	1922.1	665.5	343.0	192.0	145.4	128.6	119.3	115.6	113.7	111.9
37.5°	2930.6	2060.0	701.0	320.7	167.8	134.2	117.4	108.1	106.3	102.5	102.5
40°	3111.5	2173.7	680.5	274.0	154.7	123.0	108.1	98.8	95.1	91.3	91.3
42.5°	3217.7	2214.8	605.9	233.0	145.4	111.9	98.8	89.5	85.8	83.9	83.9
45°	3279.2	2209.2	518.3	208.8	136.1	102.5	89.5	83.9	78.3	76.4	74.6
47.5°	3277.4	2151.4	454.9	188.3	126.8	95.1	83.9	78.3	72.7	70.8	70.8
50°	3264.3	2065.6	384.0	173.4	119.3	89.5	78.3	74.6	69.0	67.1	65.2
52.5°	3296.0	2017.1	320.7	164.1	110.0	85.8	76.4	70.8	63.4	61.5	61.5
55°	3335.2	1989.2	257.3	154.7	102.5	83.9	72.7	67.1	59.7	57.8	57.8
57.5°	3221.5	1882.9	212.5	139.8	93.2	80.2	69.0	65.2	57.8	52.2	52.2
60°	2863.5	1556.7	175.2	123.0	85.8	74.6	65.2	59.7	52.2	44.7	44.7
62.5°	2328.5	1187.5	145.4	104.4	80.2	69.0	59.7	54.1	44.7	35.4	35.4
64°	*2022.7*	*1008.6*	*130.5*	*91.3*	*76.4*	*63.4*	*54.1*	*48.5*	*39.1*	*29.8*	*28.0*
65°	1813.9	891.1	121.2	85.8	74.6	59.7	52.2	46.6	35.4	28.0	26.1
67.5°	1277.0	598.4	96.9	70.8	65.2	50.3	44.7	39.1	31.7	24.2	22.4
70°	743.8	339.3	76.4	59.7	50.3	39.1	37.3	35.4	28.0	18.6	18.6
72.5°	404.5	169.6	57.8	48.5	39.1	28.0	31.7	28.0	22.4	14.9	13.0
75°	247.9	104.4	42.9	35.4	26.1	20.5	24.2	20.5	13.0	9.3	7.5
77.5°	165.9	67.1	31.7	24.2	16.8	13.0	16.8	11.2	5.6	1.9	1.9
80°	102.5	46.6	20.5	14.9	9.3	5.6	3.7	1.9	1.9	0.0	0.0
82.5°	44.7	29.8	11.2	7.5	3.7	1.9	1.9	0.0	0.0	0.0	0.0
85°	24.2	9.3	3.7	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.5	3.7	1.9	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

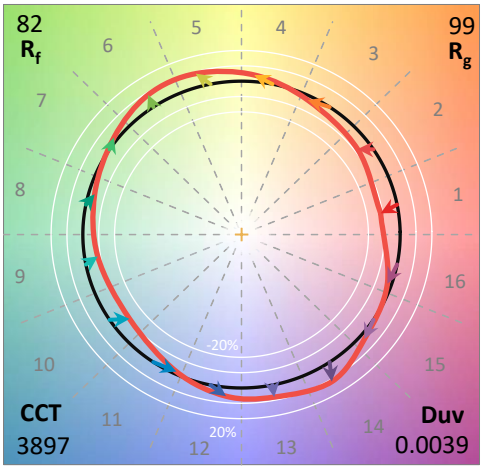
Test Information

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

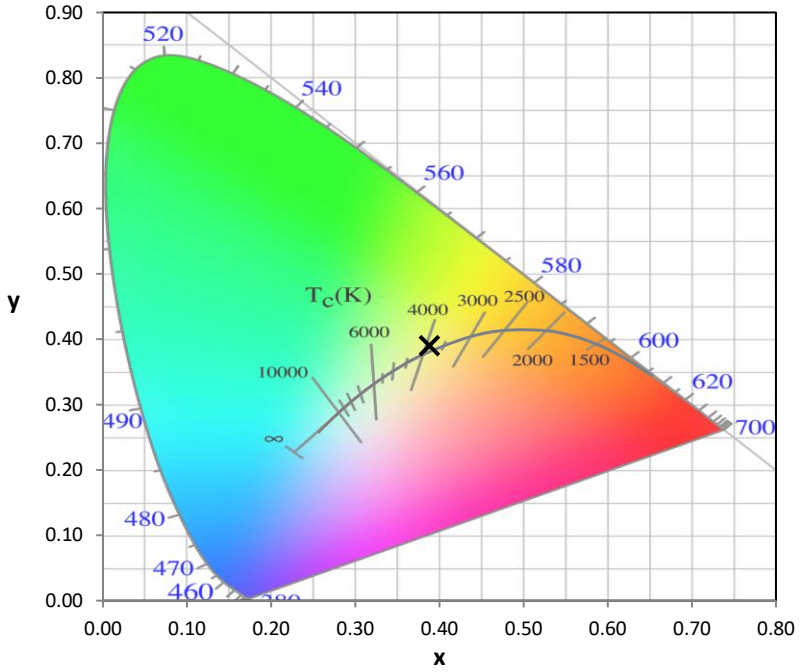
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

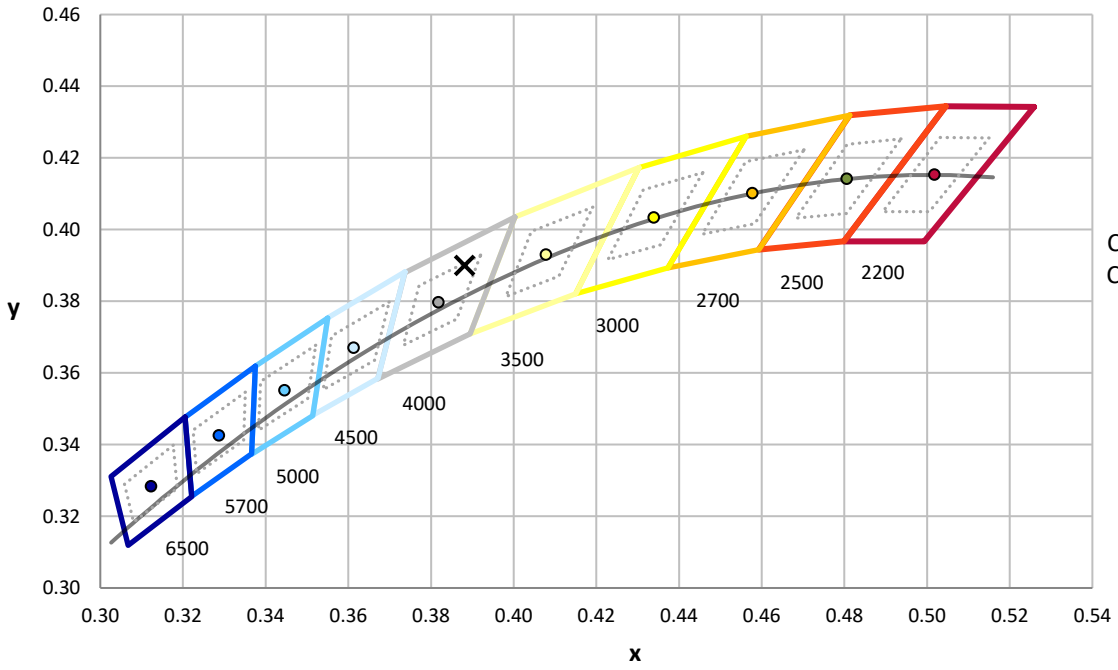
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

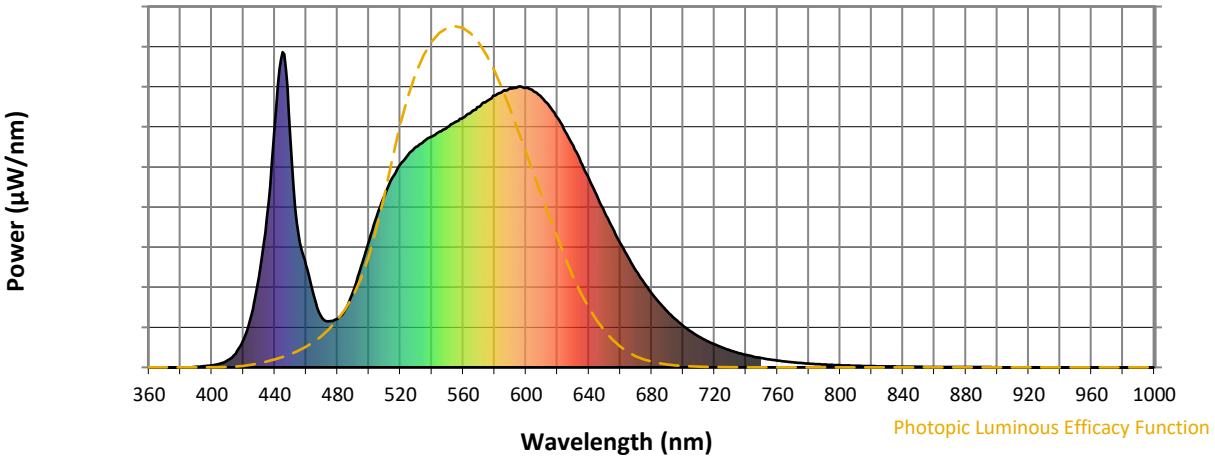


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

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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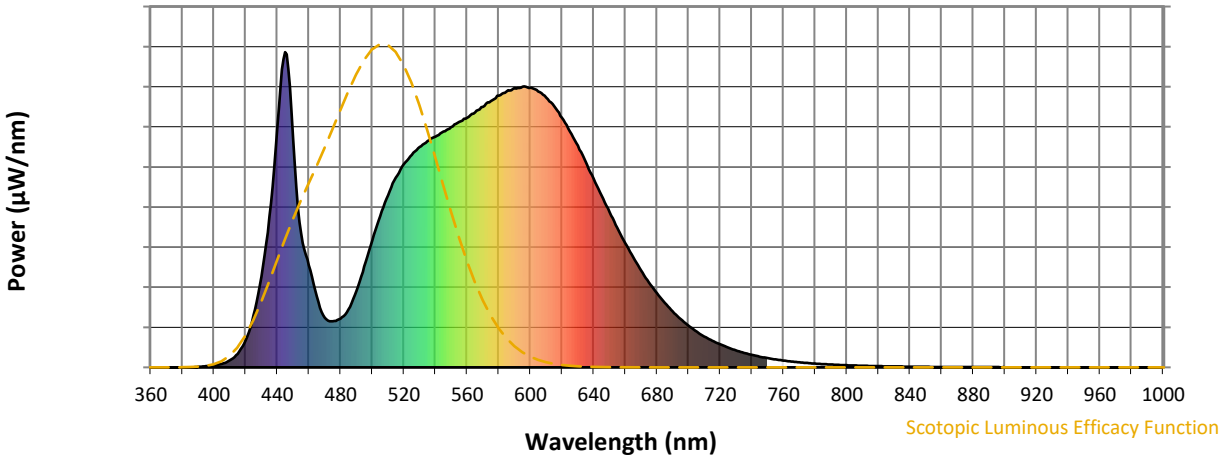
Scotopic Flux vs. Wavelength



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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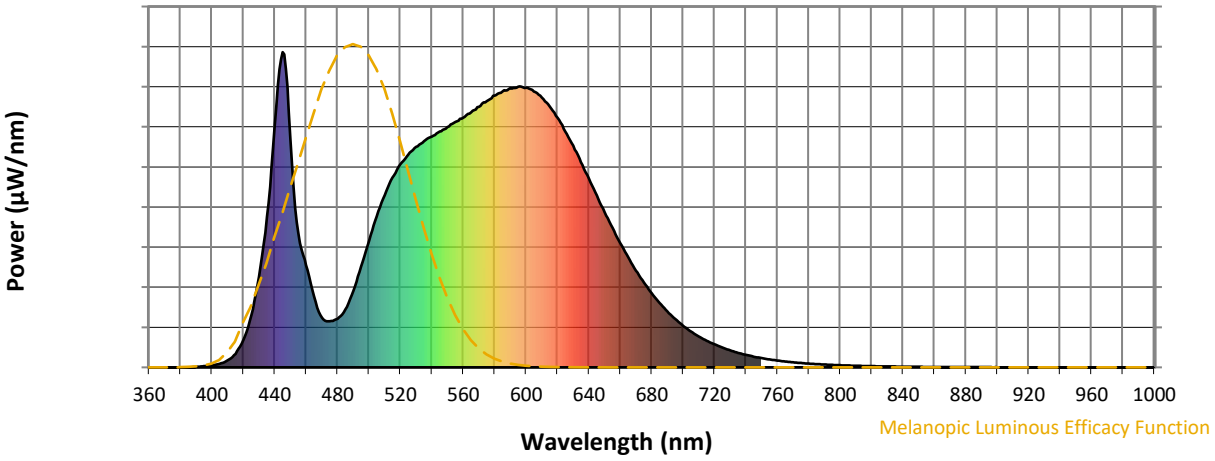
Melanopic Flux vs. Wavelength



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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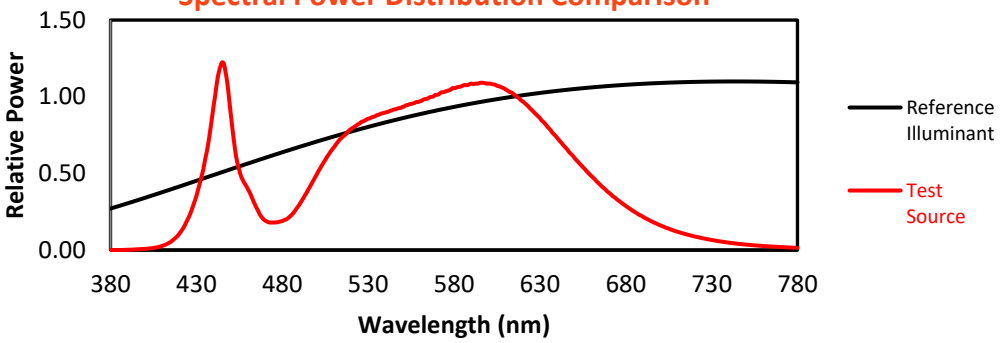
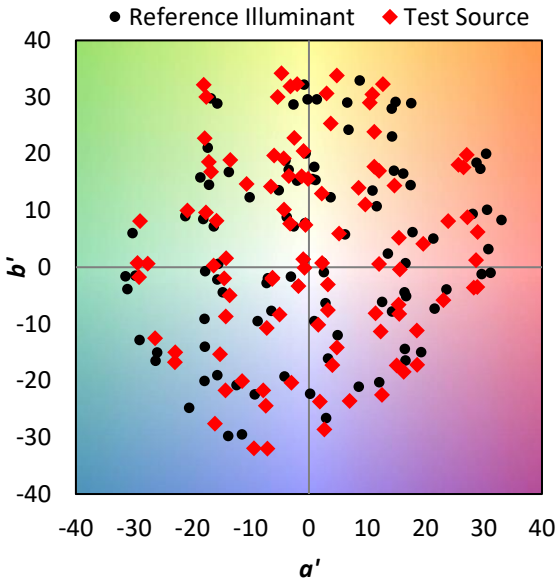
Summary

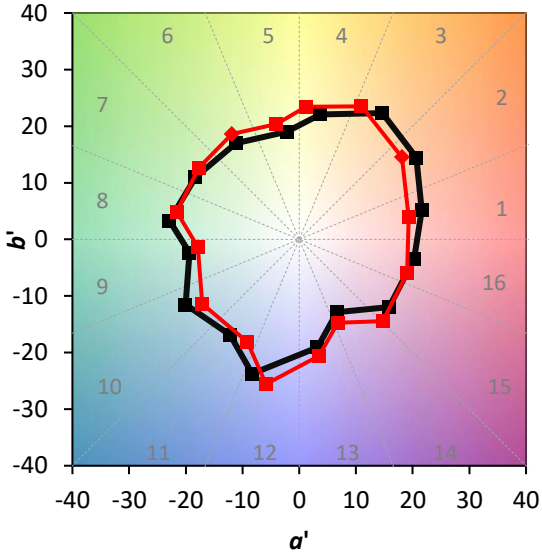
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

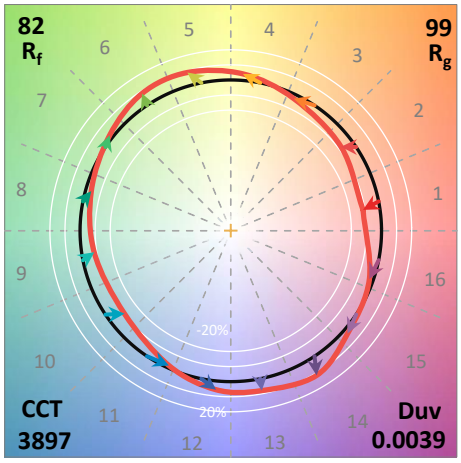
Spectral Power Distribution Comparison

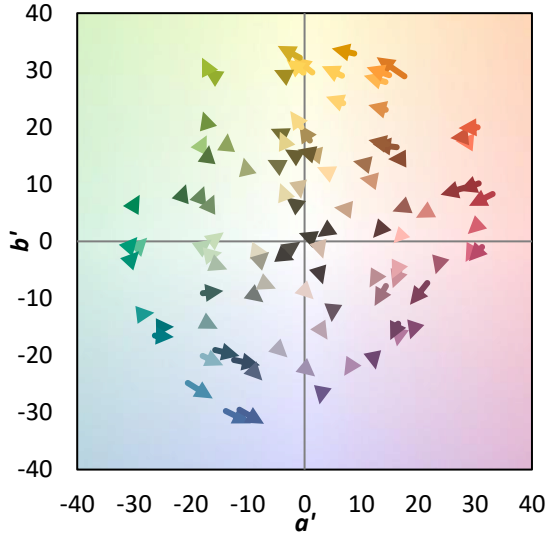


Color Vector Graphics









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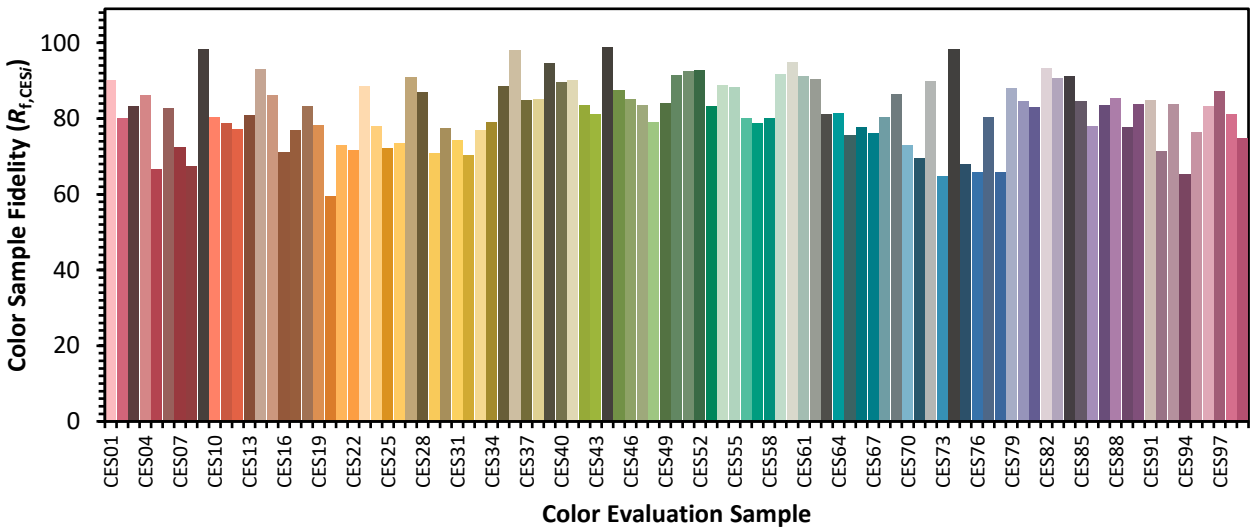
Individual Sample Fidelity Index ($R_{f,i}$)

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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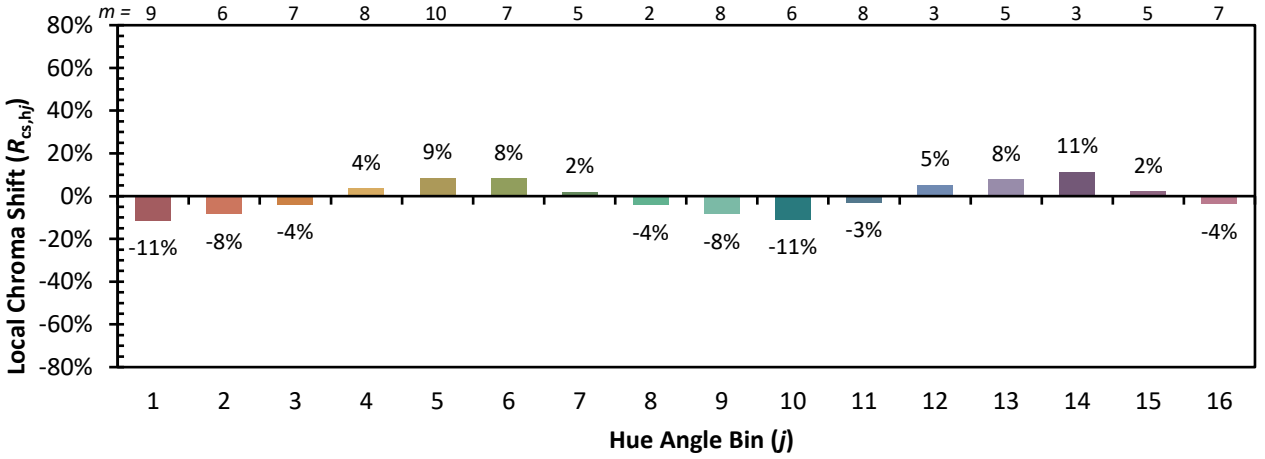
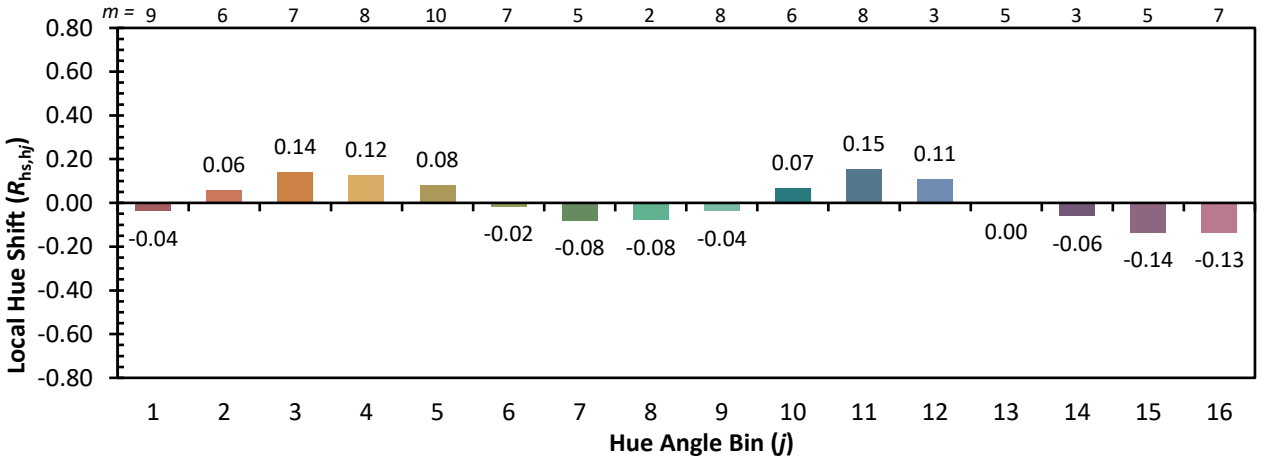
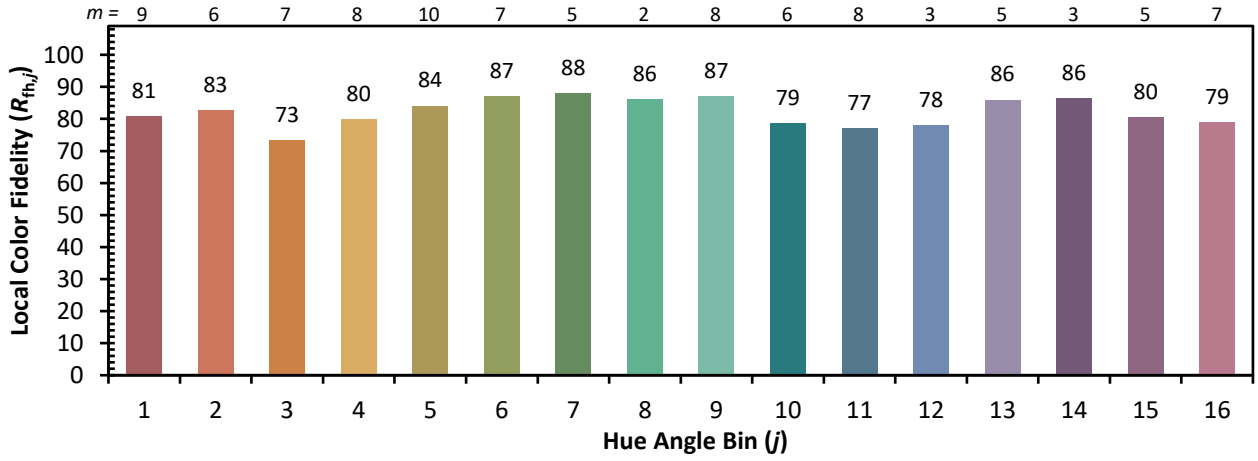
Color Rendition by Hue-Angle Bin







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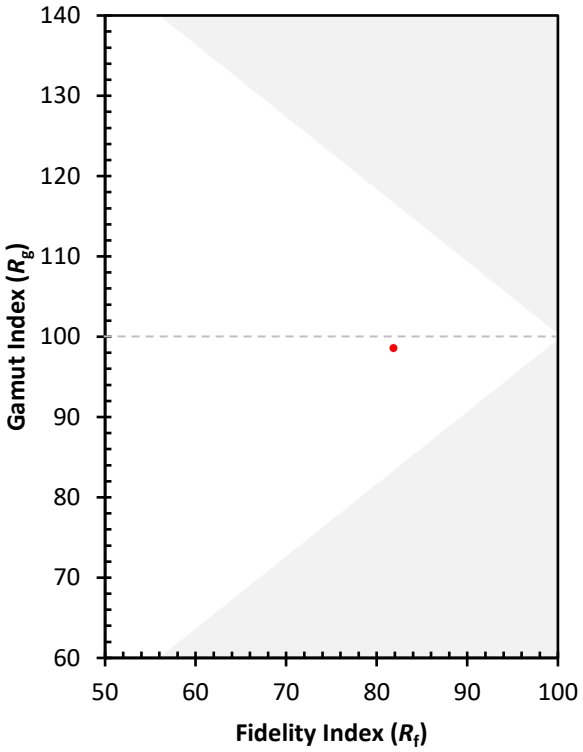
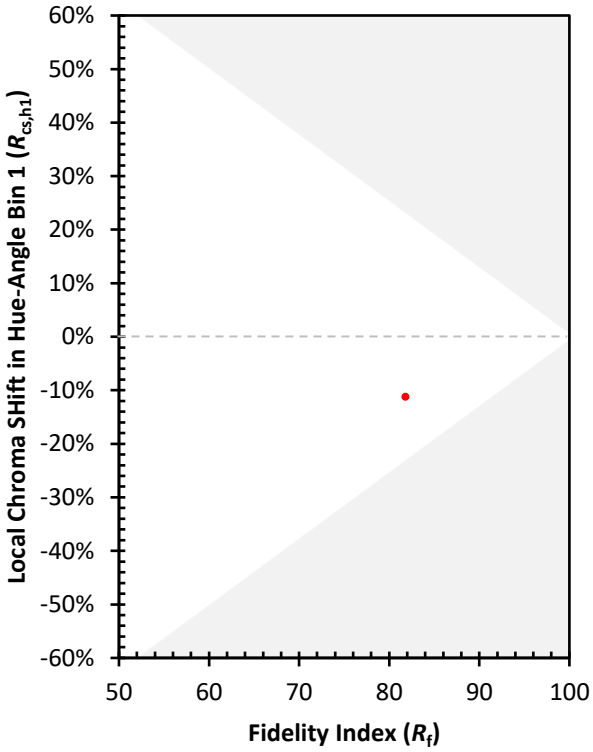
Measure Comparisons





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