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: P1456704

Luminaire Tested: GLAN-SB4B-840-U-T3LG

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:	P1456704
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB4B-840-U-T3LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 4xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE III LOW GLARE
Light Source:	(104) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	21053.2 lumens
Efficiency:	N/A
Efficacy:	143.2 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G3

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: P1456704
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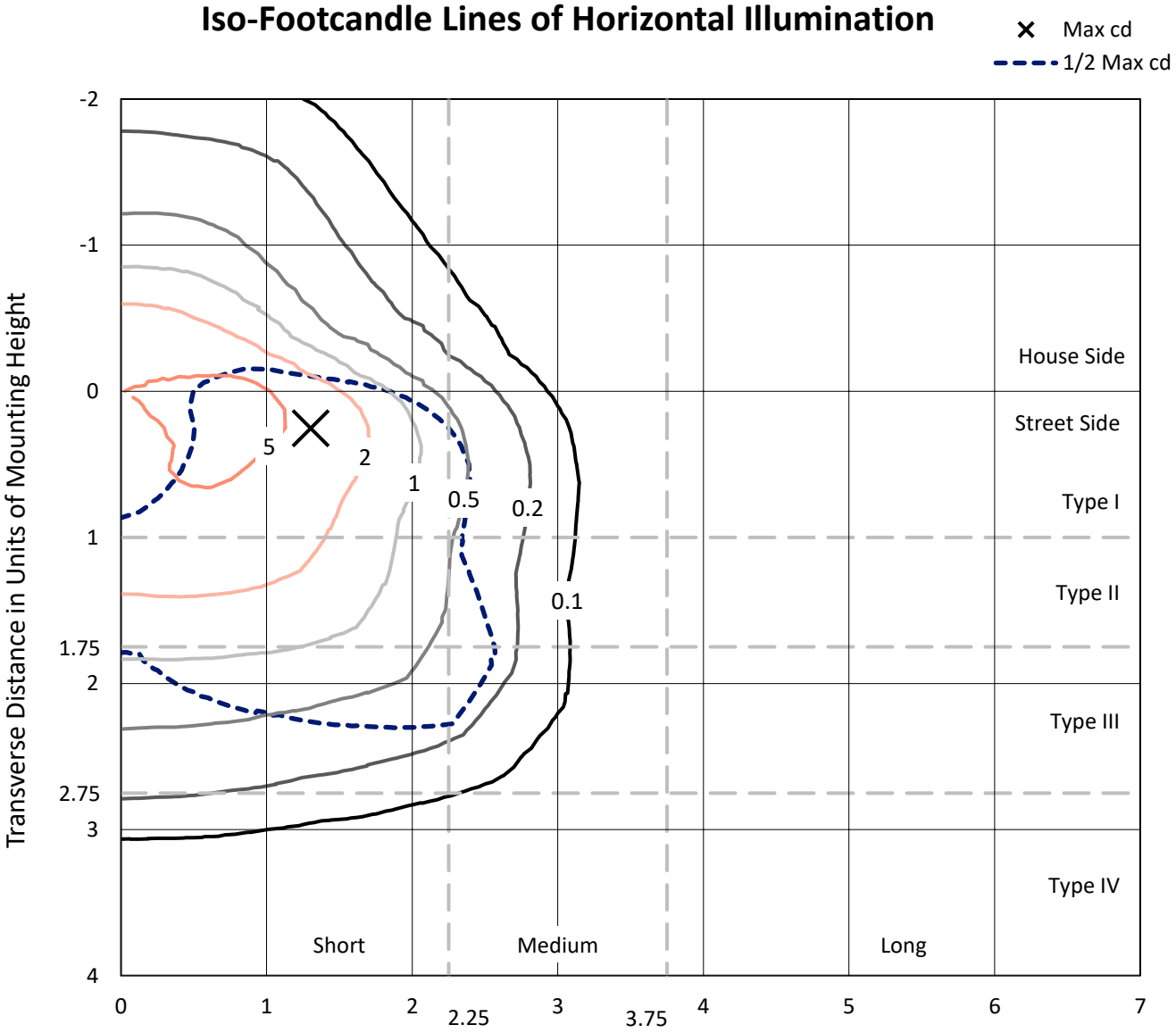
Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 7.7 fc
Type III - Short - N/A

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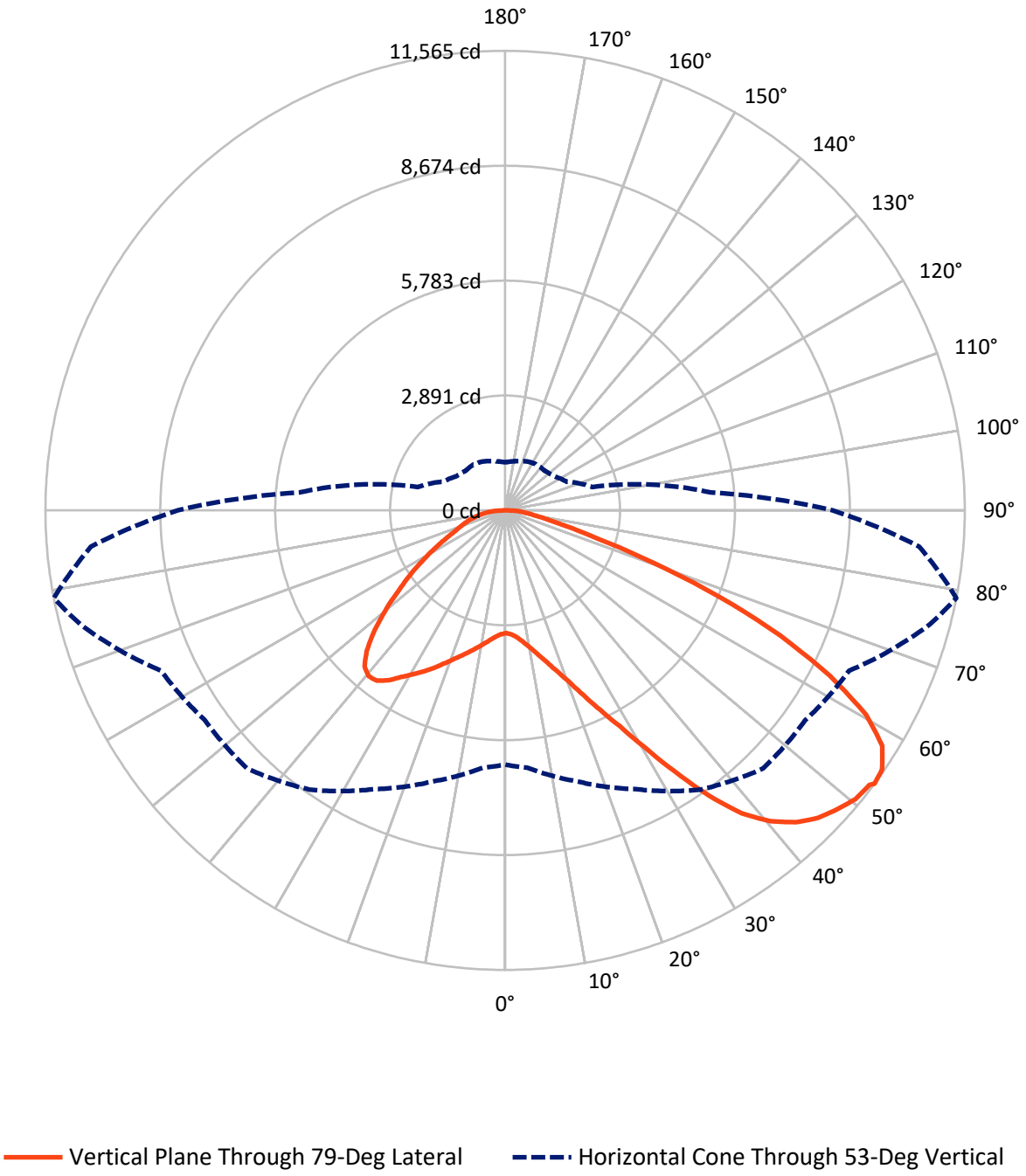
Luminous Intensity Polar Plot



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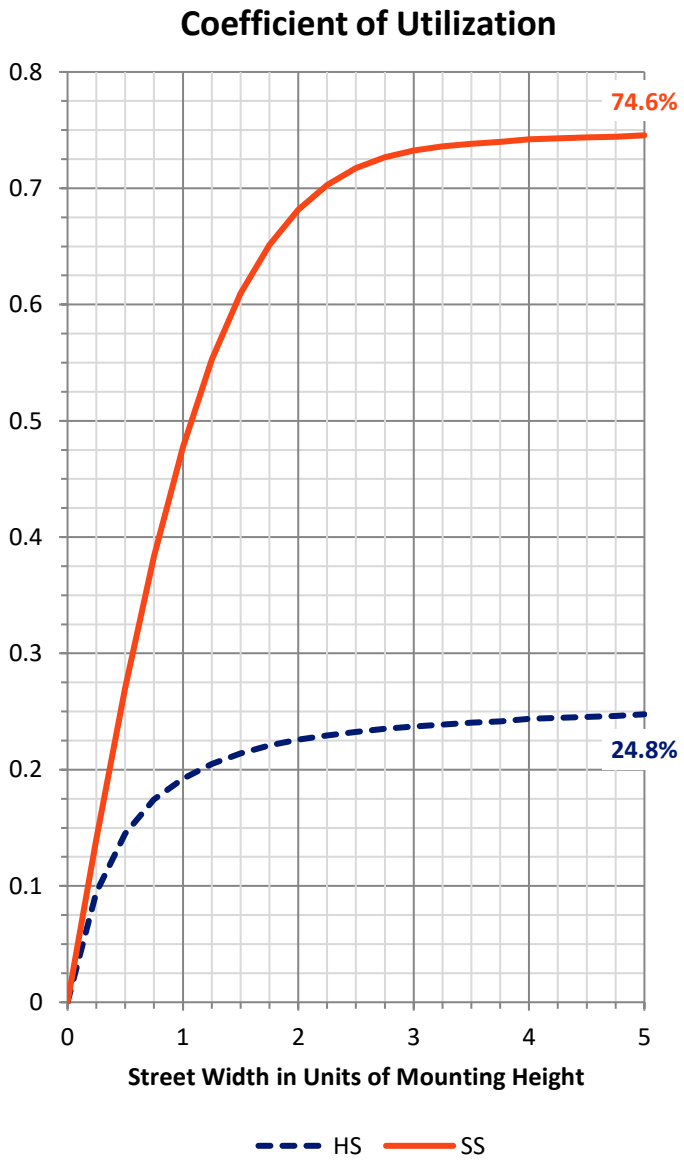
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5307.4	0.0	5307.4
	% Fixture	25.2	0.0	25.2
Street Side	Lumens	15745.8	0.0	15745.8
	% Fixture	74.8	0.0	74.8
Total	Lumens	21053.2	0.0	21053.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	294.5	1.4
10°-20°	911.9	4.3
20°-30°	1743.6	8.3
30°-40°	2993.5	14.2
40°-50°	4193.0	19.9
50°-60°	4758.5	22.6
60°-70°	4172.9	19.8
70°-80°	1631.7	7.8
80°-90°	353.5	1.7
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°	21053.2	100.0
0°-180°	21053.2	100.0



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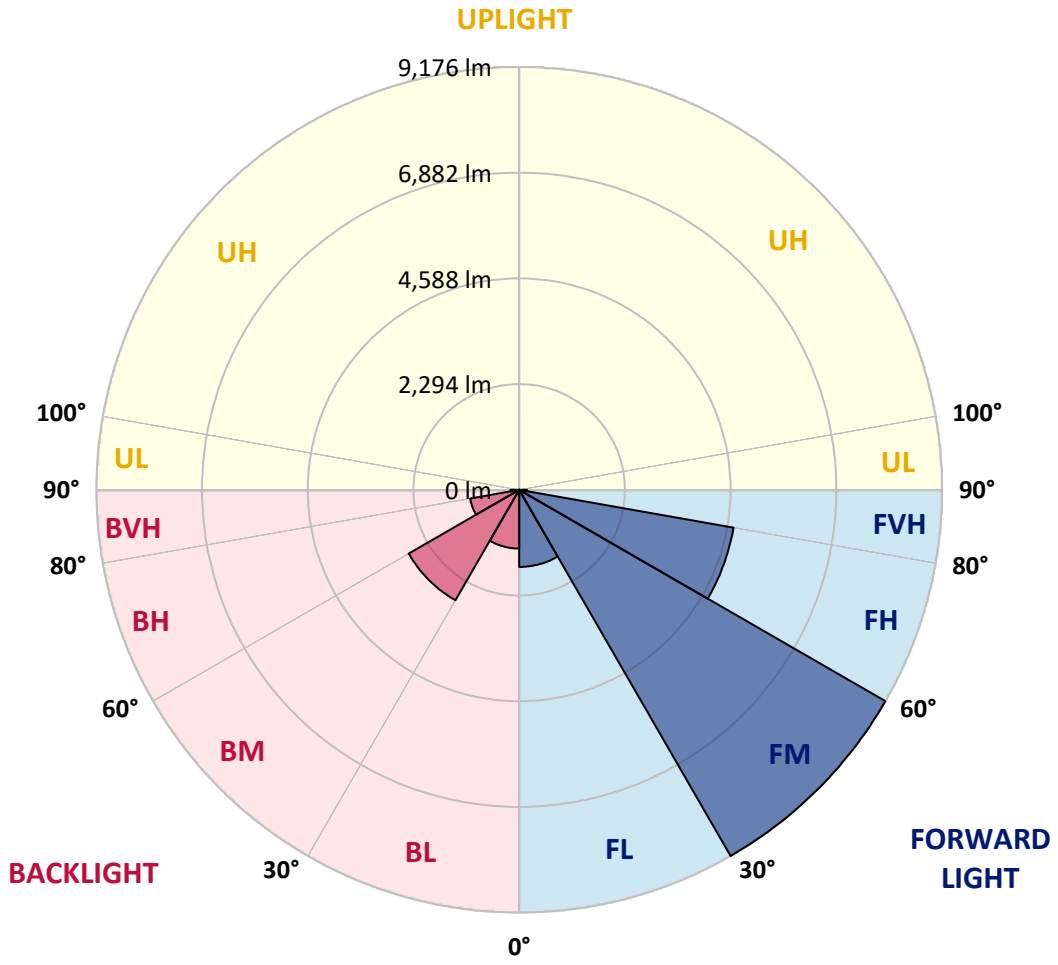
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1673.5	7.9			
FM	(30°-60°)	9176.3	43.6			
FH	(60°-80°)	4724.5	22.4			G2/5000
FVH	(80°-90°)	171.5	0.8			G2/225
BL	(0°-30°)	1276.4	6.1	B3/2500		
BM	(30°-60°)	2768.7	13.2	B3/5000		
BH	(60°-80°)	1080.1	5.1	B3/2500		G3/2500
BVH	(80°-90°)	182.1	0.9			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3
Type III Short



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REPORT NUMBER: P1456704
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	79°	85°
0°	3090.7	3090.7	3090.7	3090.7	3090.7	3090.7	3090.7	3090.7	3090.7	*3090.7*	3090.7
2.5°	3095.4	3095.4	3076.6	3095.4	3086.0	3100.0	3109.4	3109.4	3128.2	*3123.5*	3123.5
5°	3043.8	3034.4	3029.7	3062.5	3081.3	3118.8	3161.0	3179.8	3212.6	*3212.6*	3217.3
7.5°	2907.8	2903.1	2926.5	2992.2	3053.1	3146.9	3236.0	3287.6	3339.2	*3348.6*	3348.6
10°	2823.3	2818.6	2846.8	2926.5	3025.0	3161.0	3301.7	3409.6	3494.0	*3517.4*	3517.4
12.5°	2823.3	2823.3	2846.8	2926.5	3029.7	3193.8	3386.1	3569.0	3700.4	*3728.5*	3719.1
15°	2903.1	2898.4	2926.5	3010.9	3109.4	3264.2	3498.7	3742.6	3920.8	*3972.4*	3977.1
17.5°	2987.5	2982.8	3025.0	3132.9	3250.1	3404.9	3644.1	3944.2	4197.5	*4263.1*	4277.2
20°	3118.8	3114.1	3165.7	3268.9	3414.3	3592.5	3841.1	4183.4	4535.2	*4605.5*	4624.3
22.5°	3268.9	3273.6	3329.8	3456.5	3601.9	3836.4	4141.2	4521.1	4943.2	*5051.1*	5069.8
25°	3583.1	3569.0	3615.9	3705.0	3859.8	4141.2	4516.4	4929.1	5430.9	*5562.3*	5585.7
27.5°	4000.5	3977.1	4028.6	4117.8	4230.3	4493.0	4924.4	5384.0	5989.0	*6153.2*	6157.9
30°	4375.7	4361.6	4432.0	4614.9	4732.1	4933.8	5393.4	5918.7	6678.5	*6917.6*	6927.0
32.5°	4699.3	4694.6	4825.9	5060.4	5327.8	5543.5	5989.0	6594.0	7550.8	*7827.5*	7766.5
35°	5008.8	5022.9	5187.1	5430.9	5787.4	6218.8	6669.1	7358.5	8470.0	*8803.0*	8704.5
37.5°	5323.1	5332.4	5548.2	5862.4	6237.6	6800.4	7405.4	8188.6	9267.3	*9680.0*	9464.3
40°	5613.8	5642.0	5932.8	6270.4	6758.2	7330.4	8005.7	8765.5	9881.7	*10289.7*	10055.2
42.5°	5904.6	5946.8	6261.1	6725.4	7245.9	7841.6	8423.1	9117.2	10275.6	*10730.6*	10369.4
45°	6204.8	6232.9	6622.2	7105.2	7696.2	8244.9	8662.3	9342.3	10547.6	*11040.1*	10547.6
47.5°	6406.4	6462.7	6889.5	7447.6	8038.5	8554.4	8854.6	9436.1	10721.2	*11241.8*	10613.3
50°	6486.2	6565.9	7025.5	7644.6	8319.9	8845.2	9004.7	9487.7	10913.5	*11420.0*	10599.2
52.5°	6472.1	6547.1	7049.0	7733.7	8545.0	9112.5	9150.0	9544.0	11049.5	*11480.9*	10477.3
53°	*6397.1*	*6500.2*	*7063.0*	*7738.4*	*8577.9*	*9182.9*	*9215.7*	*9548.7*	*11068.2*	*11565.4*	*10458.5*
55°	6139.1	6195.4	6917.6	7733.7	8732.6	9445.5	9398.6	9689.4	11119.8	*11509.1*	10252.2
57.5°	5904.6	5960.9	6589.3	7644.6	8859.3	9816.0	9694.1	9665.9	10838.4	*11190.2*	9731.6
60°	5754.5	5773.3	6303.3	7363.2	8807.7	10074.0	9886.4	9389.2	10144.3	*10435.1*	8817.1
62.5°	5627.9	5623.2	6092.2	6959.9	8610.7	10111.5	9923.9	8704.5	9126.6	*9173.5*	7597.7
65°	5341.8	5309.0	5763.9	6504.9	8202.7	9942.6	9464.3	7668.0	7775.9	*7621.1*	6101.6
67.5°	4774.3	4704.0	5107.3	5810.8	7372.6	9464.3	8587.3	6462.7	6129.7	*5820.2*	4596.1
70°	3419.0	3419.0	3742.6	4446.1	5918.7	8179.2	7372.6	4891.6	4220.9	*3944.2*	3071.9
72.5°	1674.3	1716.5	2054.2	2626.4	3967.7	5937.4	5646.7	3170.4	2560.7	*2424.7*	1969.8
75°	712.9	717.6	877.0	1163.1	2012.0	3512.8	3536.2	1829.1	1641.5	*1575.8*	1303.8
77.5°	497.1	506.5	576.9	684.7	956.7	1613.3	1838.5	1106.8	1102.1	*1055.2*	928.6
80°	379.9	389.3	436.2	511.2	642.5	825.4	952.1	750.4	787.9	*741.0*	670.7
82.5°	286.1	295.5	328.3	384.6	459.6	553.4	534.7	553.4	581.6	*553.4*	483.1
85°	192.3	197.0	220.4	267.3	295.5	333.0	333.0	403.3	422.1	*412.7*	379.9
87.5°	98.5	98.5	117.2	140.7	150.1	154.8	136.0	178.2	201.7	*220.4*	178.2
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: P1456704
CATALOG NUMBER: GLAN-SB4B-840-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3090.7	3090.7	3090.7	3090.7	3090.7	3090.7	3090.7	3090.7	3090.7	3090.7	3090.7
2.5°	3123.5	3128.2	3114.1	3109.4	3104.7	3081.3	3081.3	3057.8	3053.1	3057.8	3043.8
5°	3226.7	3217.3	3179.8	3151.6	3118.8	3053.1	3015.6	2964.0	2950.0	2935.9	2921.8
7.5°	3353.3	3339.2	3273.6	3198.5	3109.4	2982.8	2912.4	2828.0	2799.9	2776.4	2767.1
10°	3512.8	3484.6	3381.4	3222.0	3057.8	2903.1	2804.6	2701.4	2654.5	2645.1	2621.7
12.5°	3719.1	3667.5	3475.2	3226.7	3010.9	2809.3	2701.4	2621.7	2602.9	2598.2	2574.8
15°	3948.9	3873.9	3564.3	3231.4	2950.0	2729.5	2663.9	2621.7	2621.7	2617.0	2602.9
17.5°	4230.3	4108.4	3648.8	3212.6	2874.9	2706.1	2673.3	2635.7	2626.4	2631.0	2612.3
20°	4568.0	4366.3	3737.9	3189.2	2842.1	2710.8	2673.3	2621.7	2598.2	2593.5	2579.5
22.5°	4957.3	4661.8	3836.4	3151.6	2842.1	2706.1	2645.1	2574.8	2527.9	2509.1	2490.4
25°	5402.8	5004.2	3939.5	3137.6	2851.5	2687.3	2588.8	2476.3	2401.2	2373.1	2359.0
27.5°	5942.1	5365.3	4014.6	3151.6	2846.8	2645.1	2490.4	2345.0	2260.5	2213.6	2204.3
30°	6537.8	5754.5	4066.2	3175.1	2818.6	2565.4	2373.1	2209.0	2091.7	2035.4	2021.4
32.5°	7241.2	6190.7	4117.8	3175.1	2748.3	2452.8	2237.1	2058.9	1936.9	1871.3	1861.9
35°	8019.8	6725.4	4164.7	3170.4	2663.9	2330.9	2101.1	1918.2	1791.6	1725.9	1721.2
37.5°	8681.1	7128.7	4188.1	3123.5	2546.6	2190.2	1974.5	1791.6	1660.2	1589.9	1585.2
40°	9089.1	7297.5	4141.2	3029.7	2405.9	2044.8	1833.8	1664.9	1533.6	1449.2	1430.4
42.5°	9243.8	7217.8	3991.1	2874.9	2237.1	1899.4	1716.5	1538.3	1364.8	1294.4	1280.4
45°	9192.3	6908.3	3672.2	2654.5	2049.5	1768.1	1613.3	1411.7	1299.1	1238.1	1233.5
47.5°	9018.7	6429.9	3273.6	2377.8	1852.5	1650.9	1477.3	1378.8	1275.7	1210.0	1205.3
50°	8713.9	5918.7	2795.2	2063.6	1674.3	1528.9	1444.5	1364.8	1280.4	1228.8	1219.4
52.5°	8324.6	5341.8	2354.3	1758.7	1519.5	1421.0	1411.7	1355.4	1289.7	1233.5	1210.0
53°	*8235.5*	*5191.7*	*2269.9*	*1707.1*	*1496.1*	*1407.0*	*1402.3*	*1355.4*	*1280.4*	*1228.8*	*1210.0*
55°	7808.7	4727.4	2002.6	1524.2	1378.8	1360.1	1402.3	1350.7	1256.9	1214.7	1200.6
57.5°	7124.0	4117.8	1744.7	1355.4	1256.9	1303.8	1388.2	1331.9	1228.8	1153.7	1130.3
60°	6298.6	3419.0	1547.7	1242.8	1167.8	1233.5	1331.9	1266.3	1125.6	1088.1	1083.4
62.5°	5313.7	2767.1	1397.6	1149.0	1092.8	1158.4	1247.5	1135.0	1031.8	1003.6	994.3
65°	4150.6	2199.6	1280.4	1078.7	1017.7	1069.3	1130.3	1059.9	994.3	970.8	966.1
67.5°	3086.0	1725.9	1186.6	1017.7	942.7	975.5	1045.9	1027.1	970.8	956.7	952.1
70°	2129.2	1402.3	1102.1	961.4	848.9	886.4	994.3	1008.3	952.1	942.7	938.0
72.5°	1491.4	1186.6	1013.0	900.5	773.8	811.4	970.8	970.8	909.8	923.9	914.5
75°	1120.9	999.0	909.8	825.4	680.0	736.3	938.0	928.6	867.6	928.6	905.2
77.5°	844.2	806.7	787.9	731.6	595.6	651.9	872.3	853.6	773.8	778.5	736.3
80°	614.4	623.8	675.3	623.8	497.1	539.3	736.3	726.9	628.5	647.2	595.6
82.5°	440.9	464.3	576.9	501.8	361.1	384.6	506.5	548.7	492.4	464.3	473.7
85°	333.0	347.1	464.3	370.5	225.1	253.3	347.1	394.0	384.6	356.4	361.1
87.5°	140.7	159.5	215.7	173.5	131.3	131.3	215.7	276.7	248.6	211.0	220.4
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

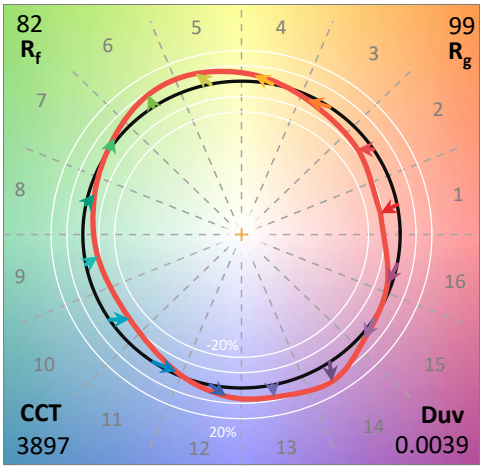
Test Information

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

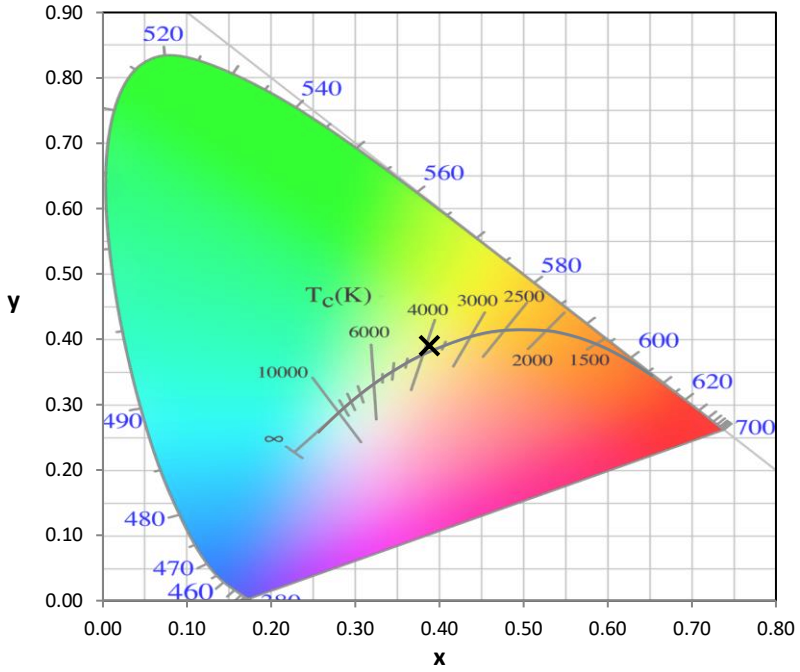
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

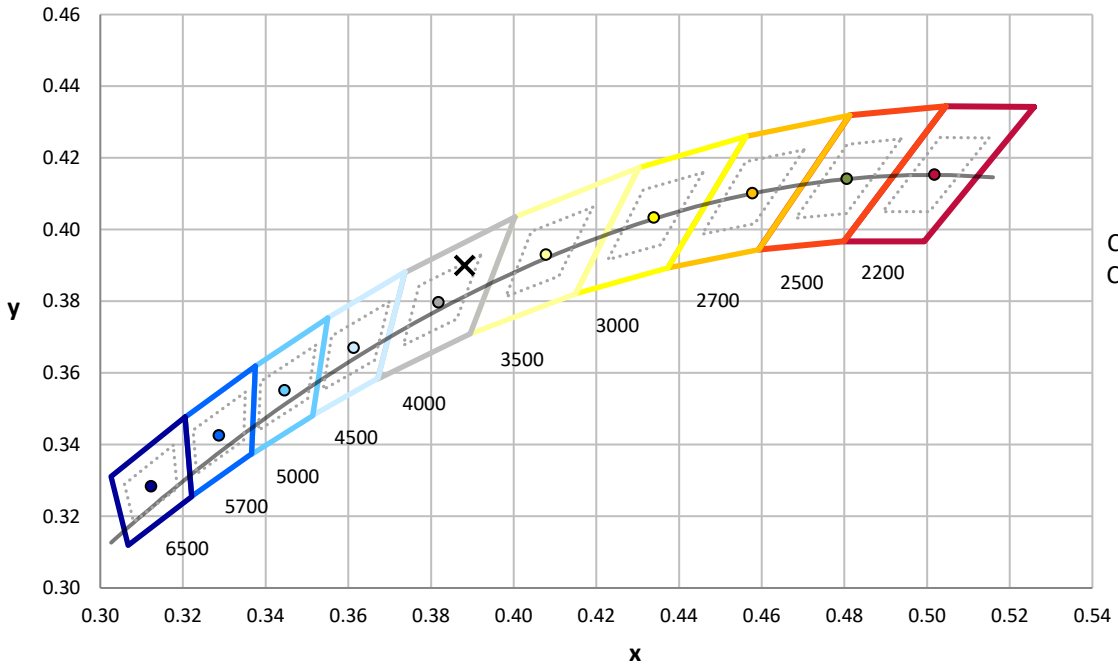
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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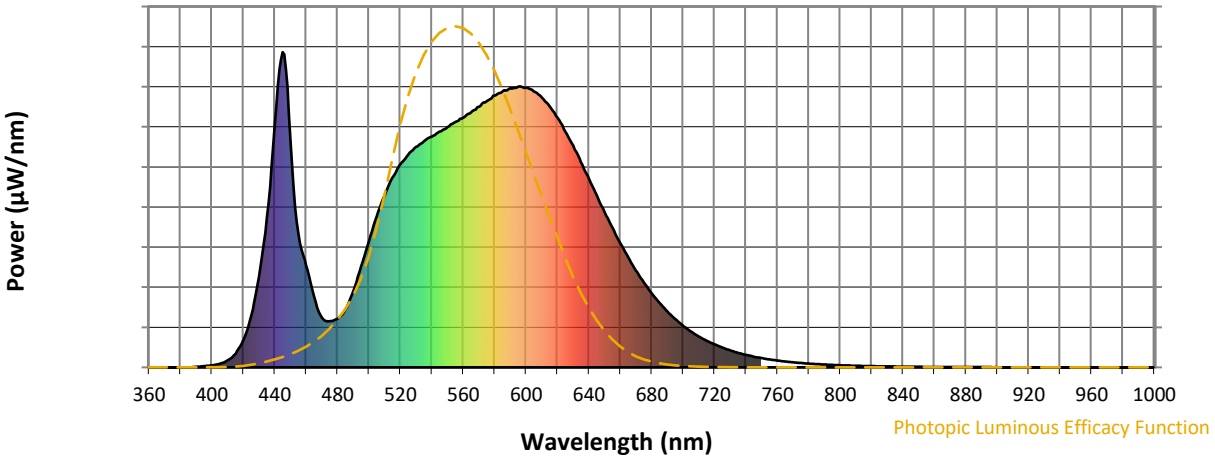
Photopic Flux vs. Wavelength



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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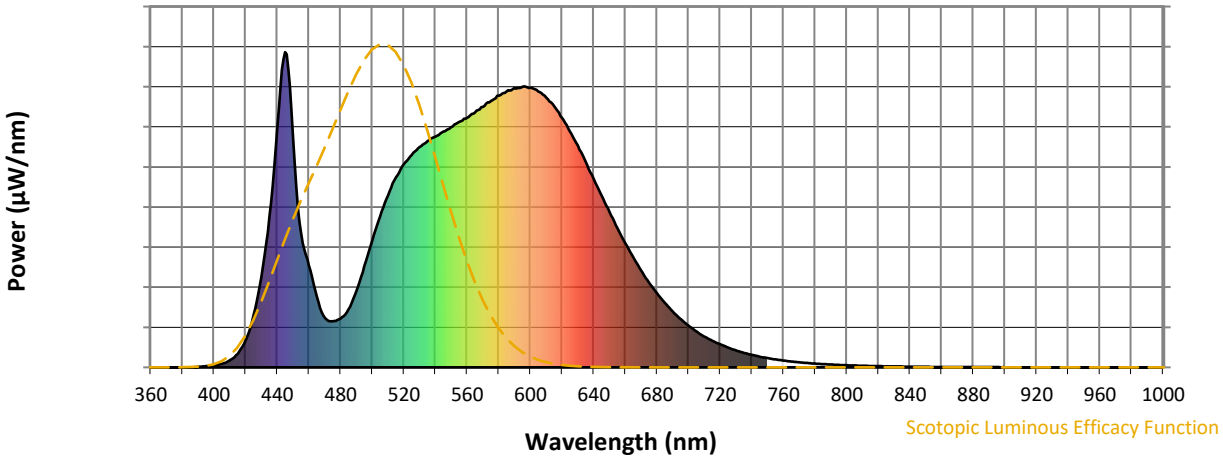
Scotopic Flux vs. Wavelength



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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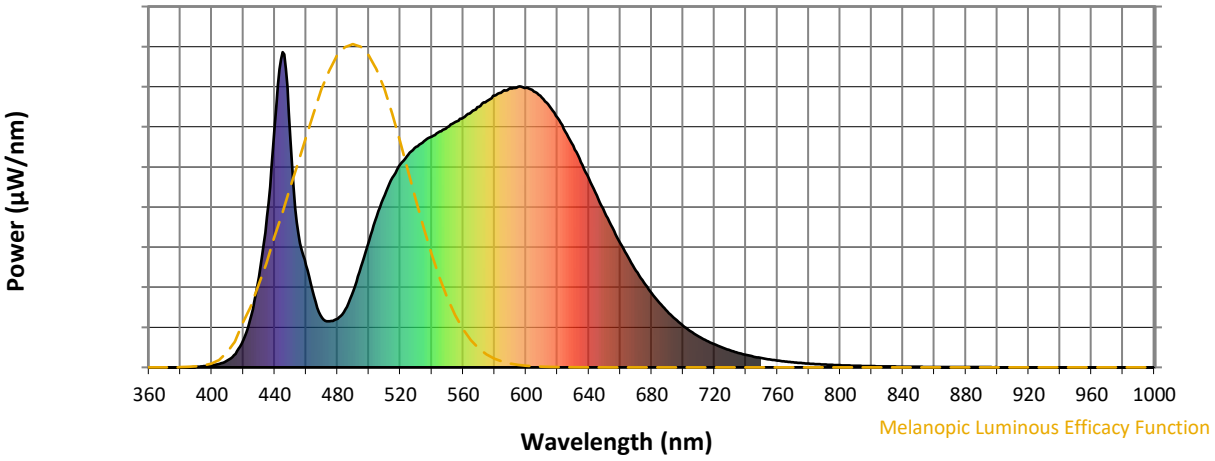
Melanopic Flux vs. Wavelength



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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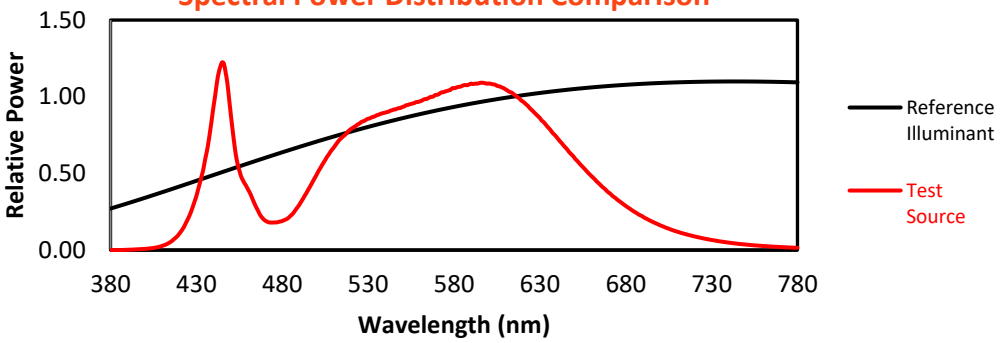
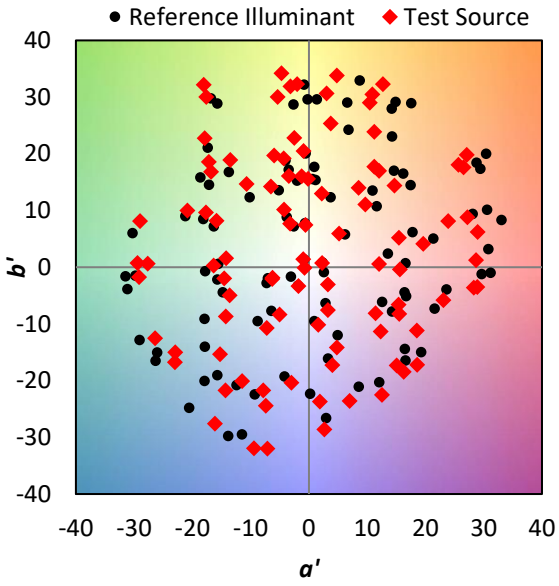
Summary

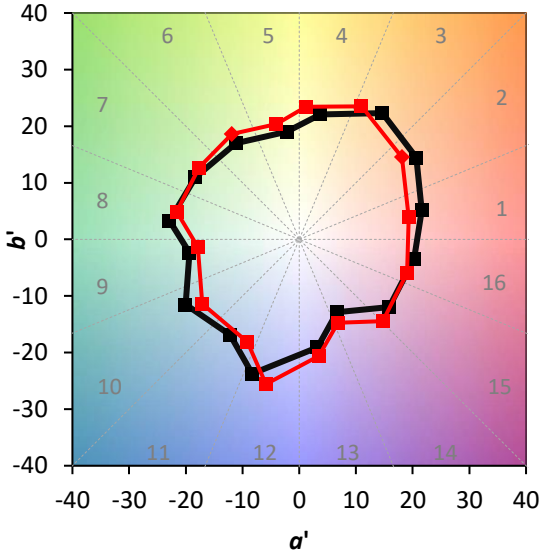
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

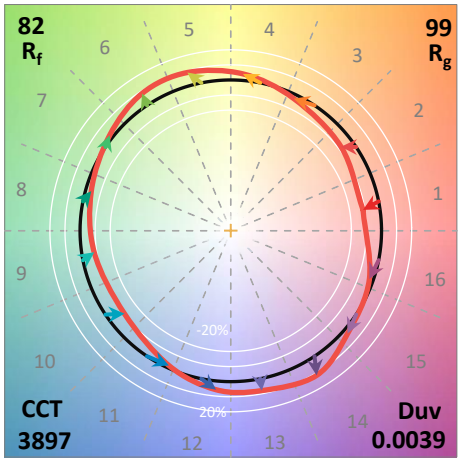
Spectral Power Distribution Comparison

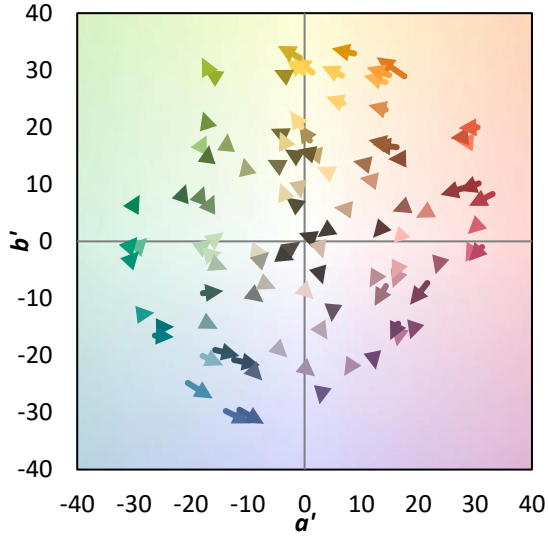


Color Vector Graphics









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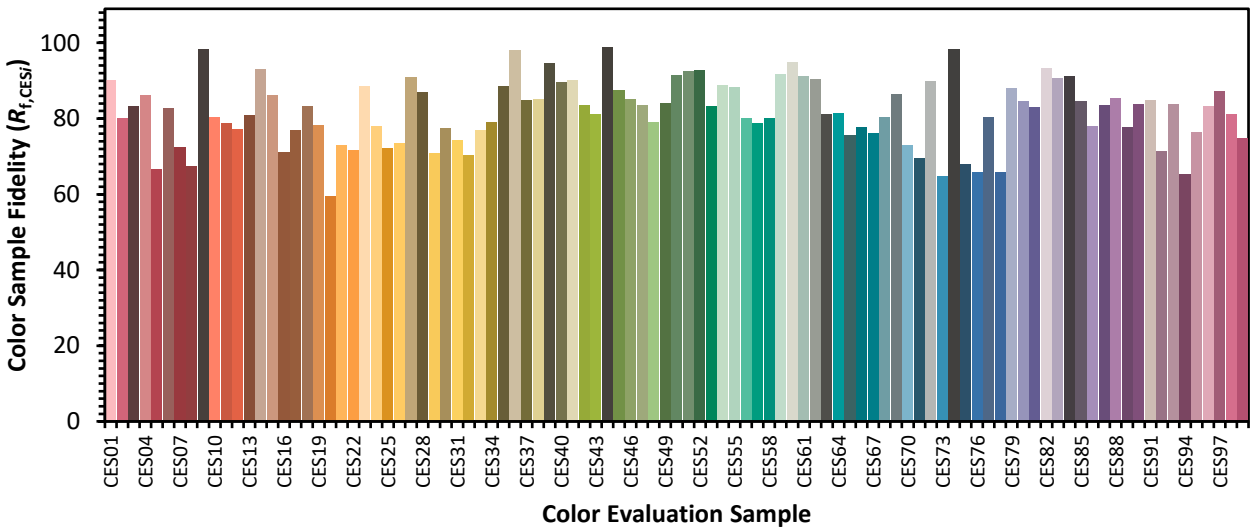
Individual Sample Fidelity Index ($R_{f,i}$)

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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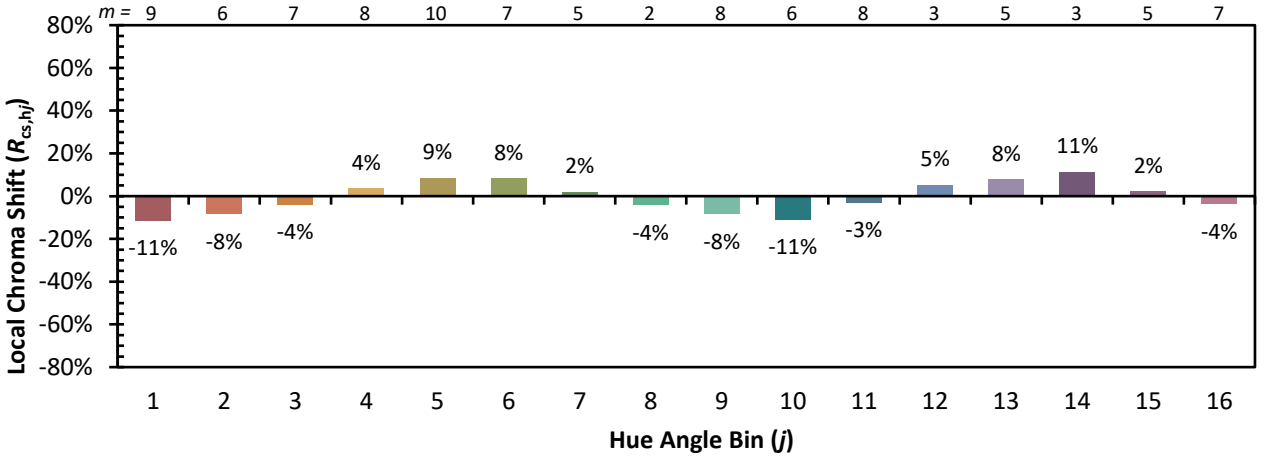
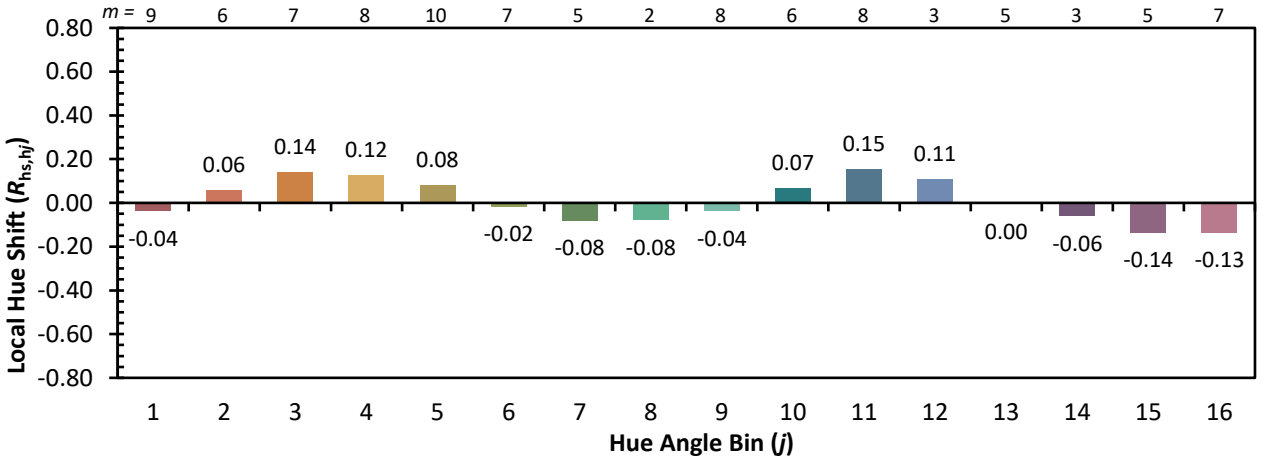
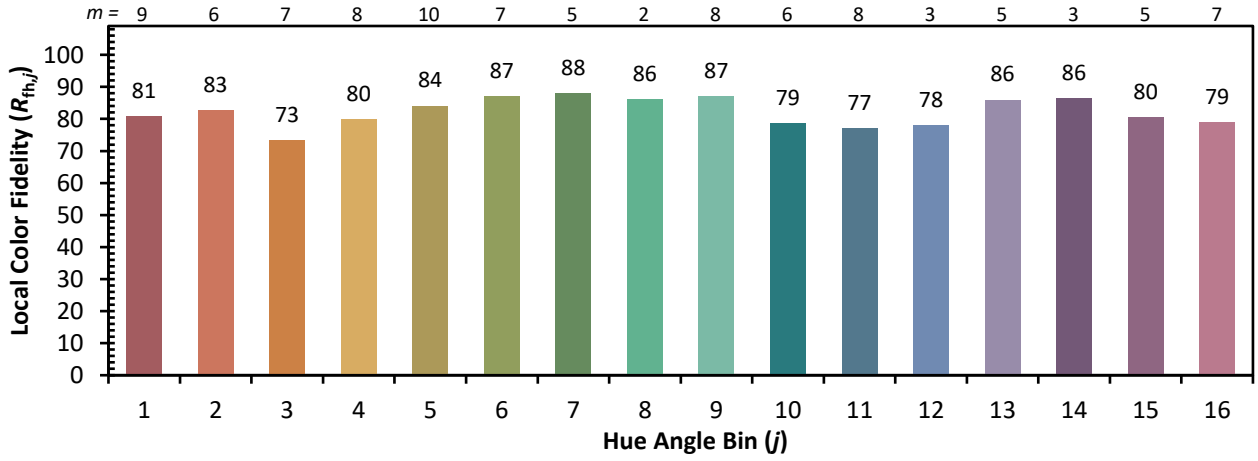
Color Rendition by Hue-Angle Bin







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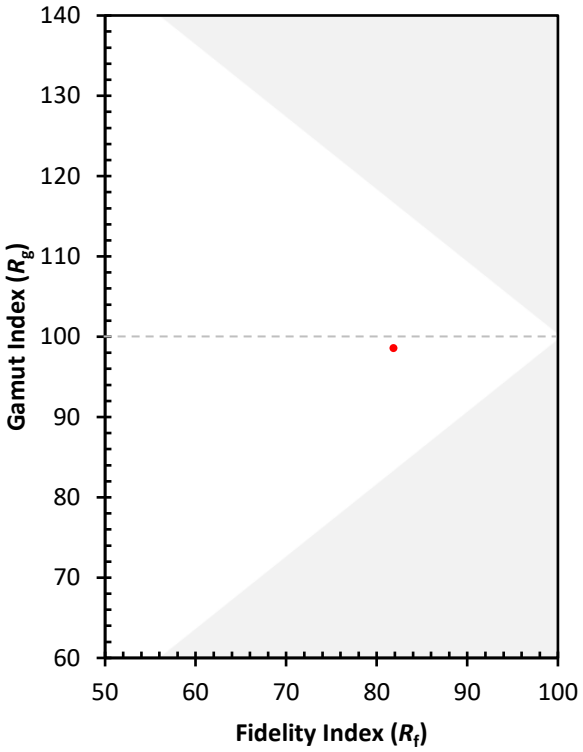
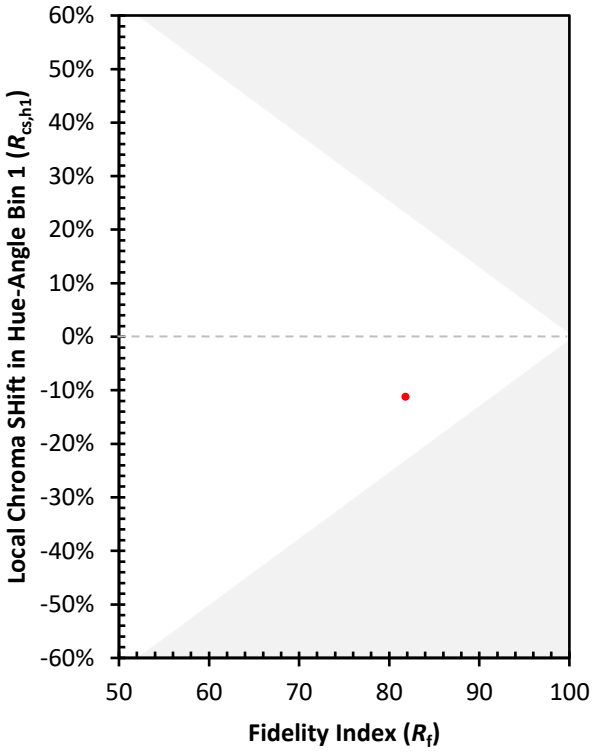
Measure Comparisons





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