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: P1457280

Luminaire Tested: GLAN-SB4B-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:	P1457280
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB4B-840-U-T4LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 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:	21123.6 lumens
Efficiency:	N/A
Efficacy:	143.7 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):	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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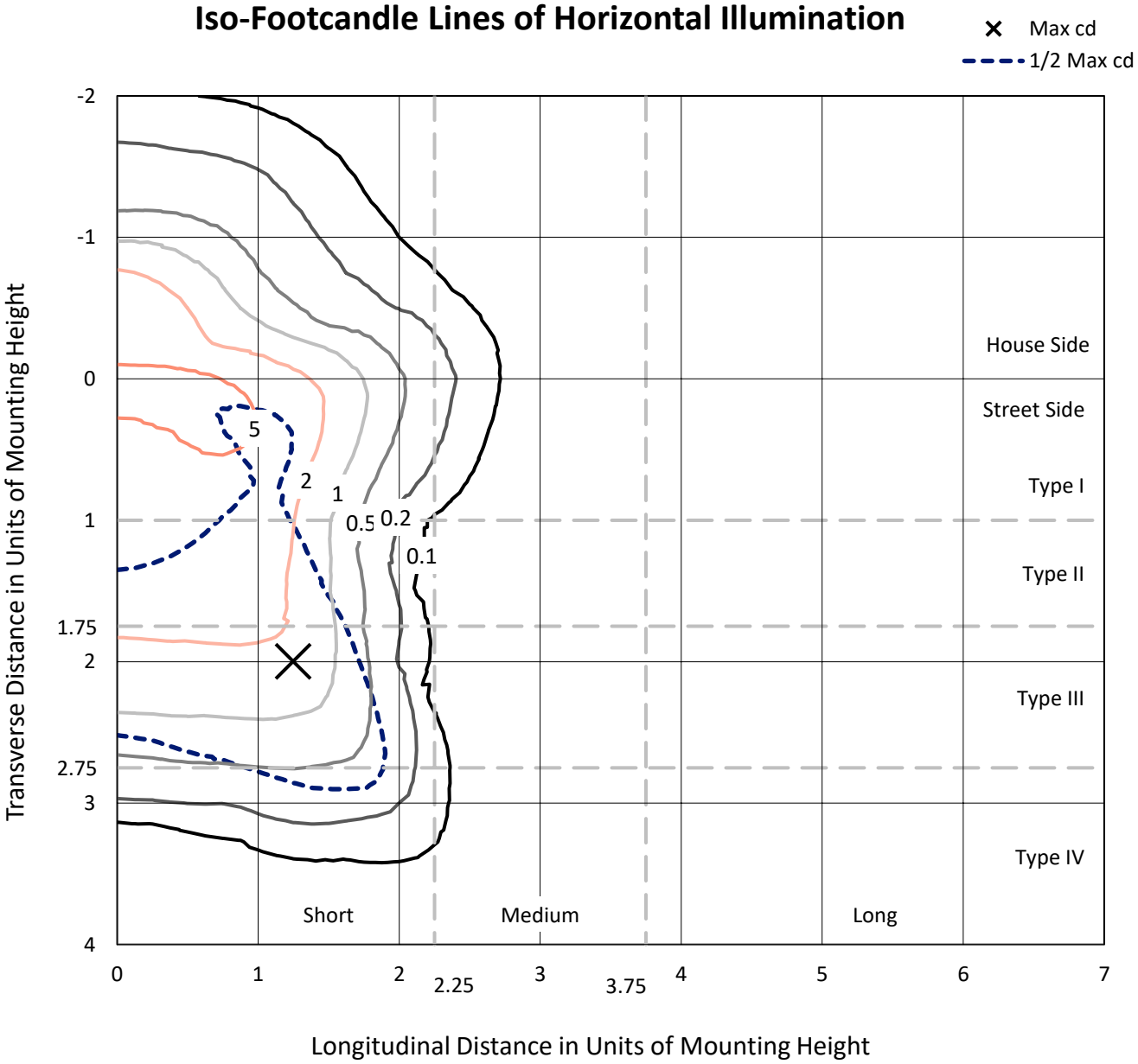
Scaled Data Report

REPORT NUMBER: P1457280
CATALOG NUMBER: GLAN-SB4B-840-U-T4LG

Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 8.3 fc
Type IV - Short - N/A

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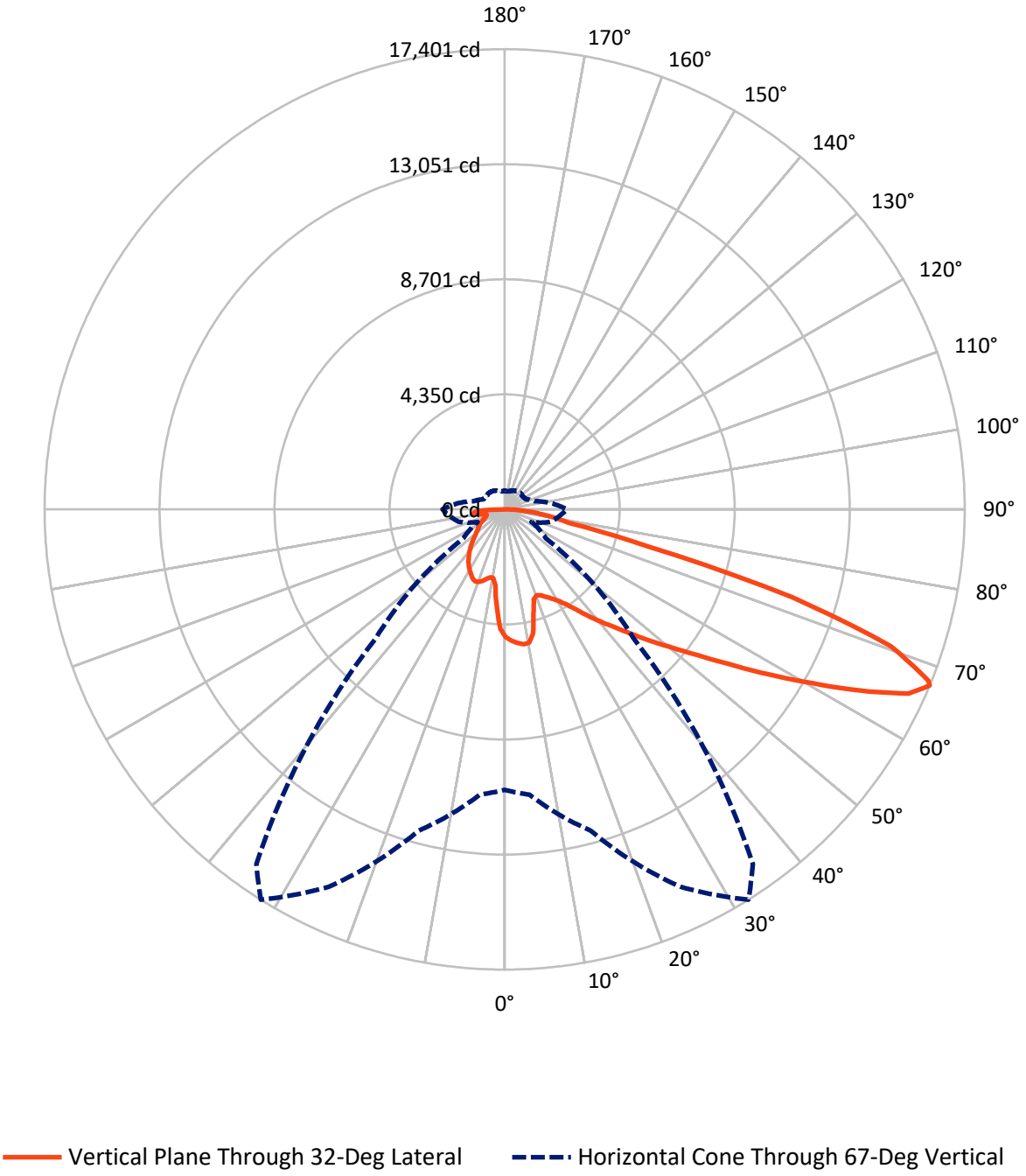
Luminous Intensity Polar Plot



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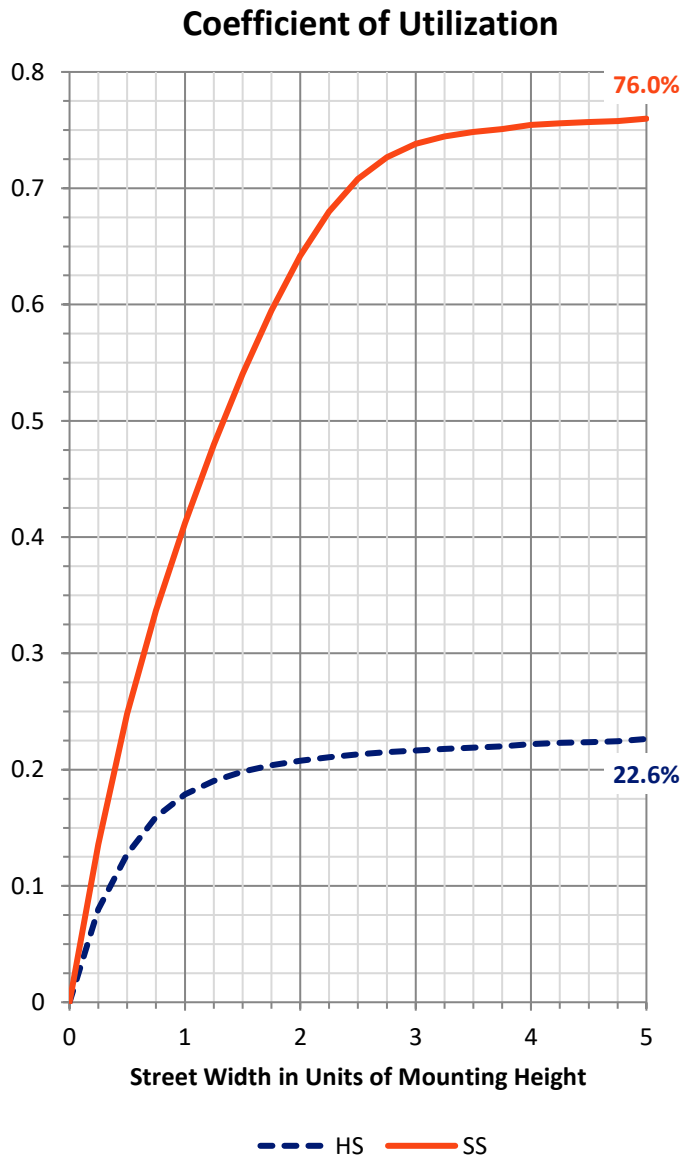
CATALOG NUMBER: GLAN-SB4B-840-U-T4LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5000.9	0.0	5000.9
	% Fixture	23.7	0.0	23.7
Street Side	Lumens	16122.7	0.0	16122.7
	% Fixture	76.3	0.0	76.3
Total	Lumens	21123.6	0.0	21123.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	421.7	2.0
10°-20°	1119.6	5.3
20°-30°	1828.5	8.7
30°-40°	2695.0	12.8
40°-50°	3716.5	17.6
50°-60°	4695.1	22.2
60°-70°	4544.0	21.5
70°-80°	1621.7	7.7
80°-90°	481.6	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°	21123.6	100.0
0°-180°	21123.6	100.0



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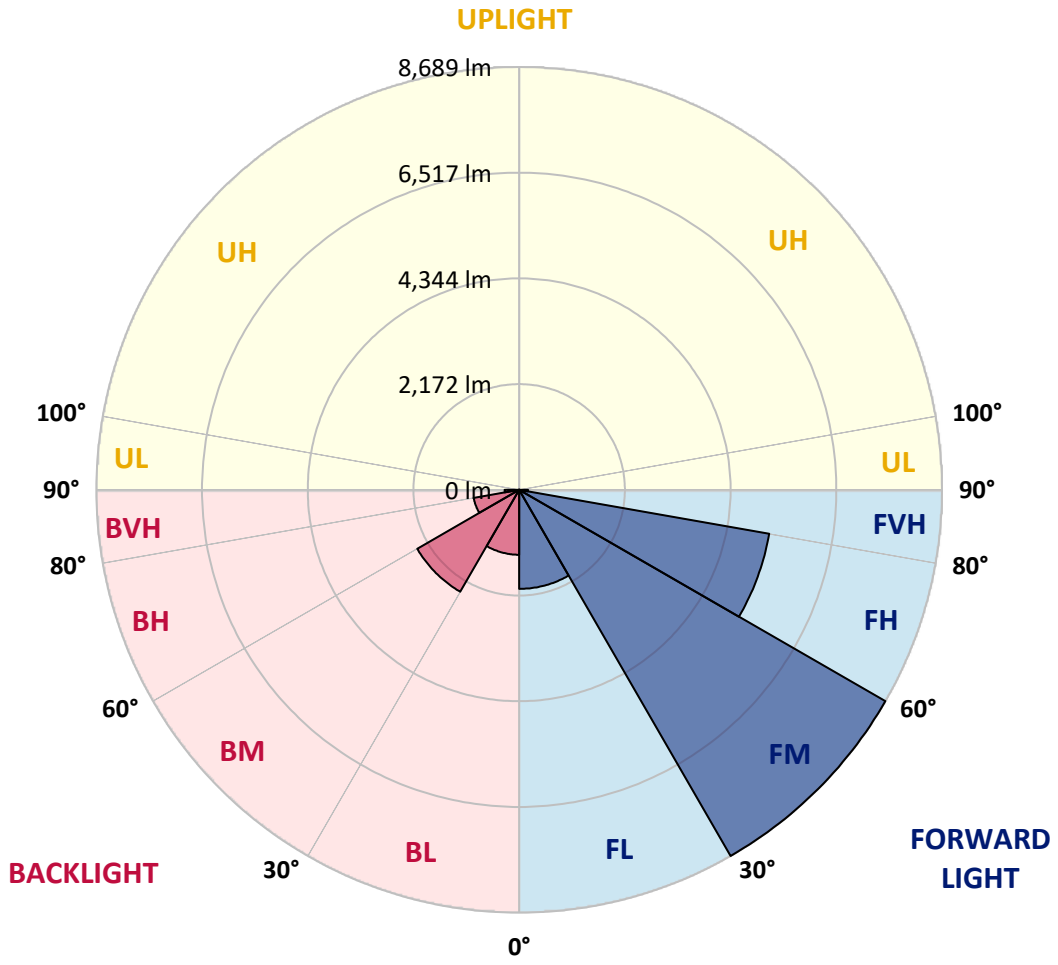
REPORT NUMBER: P1457280
CATALOG NUMBER: GLAN-SB4B-840-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2035.3	9.6			
FM	(30°-60°)	8688.8	41.1			
FH	(60°-80°)	5217.1	24.7			G3/7500
FVH	(80°-90°)	181.5	0.9			G2/225
BL	(0°-30°)	1334.5	6.3	B3/2500		
BM	(30°-60°)	2417.7	11.4	B2/2500		
BH	(60°-80°)	948.6	4.5	B2/1000		G2/1000
BVH	(80°-90°)	300.1	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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Scaled Data Report

REPORT NUMBER: P1457280
CATALOG NUMBER: GLAN-SB4B-840-U-T4LG

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	32°	35°	45°	55°	65°	75°	85°
0°	4826.3	4826.3	4826.3	4826.3	4826.3	4826.3	4826.3	4826.3	4826.3	4826.3	4826.3
2.5°	5009.2	4995.2	4981.1	4990.5	4971.7	4967.0	4943.6	4934.2	4906.1	4901.4	4849.8
5°	5112.4	5084.3	5079.6	5089.0	5070.2	5070.2	5051.5	5037.4	4995.2	4971.7	4896.7
7.5°	5112.4	5107.7	5117.1	5150.0	5154.6	5154.6	5154.6	5159.3	5117.1	5084.3	4967.0
10°	4821.6	4774.7	4877.9	5042.1	5121.8	5168.7	5253.1	5304.7	5271.9	5248.5	5089.0
12.5°	3953.9	3958.6	4122.8	4474.6	4793.5	4929.5	5281.3	5468.9	5483.0	5445.4	5243.8
15°	3353.6	3377.0	3461.4	3714.7	4080.6	4282.2	5117.1	5614.3	5726.9	5689.3	5431.4
17.5°	3170.6	3184.7	3222.2	3367.6	3574.0	3738.2	4671.5	5708.1	6022.4	5975.4	5642.4
20°	3142.5	3151.9	3198.8	3320.7	3461.4	3555.3	4216.6	5633.1	6299.1	6280.3	5834.7
22.5°	3147.2	3156.6	3217.5	3386.4	3531.8	3611.5	4071.2	5459.5	6589.9	6608.6	6031.7
25°	3156.6	3161.3	3255.1	3480.2	3663.1	3761.6	4165.0	5304.7	6833.8	6993.2	6247.5
27.5°	3208.2	3222.2	3348.9	3602.2	3817.9	3930.5	4385.4	5356.3	7101.1	7429.4	6505.5
30°	3348.9	3358.3	3513.0	3775.7	4010.2	4127.5	4648.1	5562.7	7429.4	7879.7	6758.7
32.5°	3569.3	3578.7	3756.9	4029.0	4282.2	4423.0	4990.5	5956.7	7795.3	8353.4	7012.0
35°	3874.2	3878.9	4080.6	4371.4	4638.7	4798.2	5389.2	6402.3	8175.2	8756.8	7199.6
37.5°	4235.3	4268.2	4474.6	4779.4	5093.7	5239.1	5858.2	6922.9	8512.9	9099.2	7307.5
40°	4732.5	4741.9	4943.6	5239.1	5572.1	5712.8	6327.2	7415.4	8883.4	9300.9	7406.0
42.5°	5243.8	5323.5	5492.3	5820.7	6069.3	6181.8	6861.9	7865.6	9178.9	9310.3	7363.8
45°	5928.5	5989.5	6158.4	6449.2	6697.8	6829.1	7438.8	8278.4	9329.0	9230.5	7270.0
47.5°	6711.8	6749.3	6885.4	7148.0	7424.8	7518.6	8039.2	8512.9	9385.3	9174.2	7227.8
50°	7635.8	7635.8	7734.3	7959.4	8212.7	8344.1	8592.6	8653.6	9549.5	9075.7	7335.6
52.5°	8414.4	8451.9	8583.3	8902.2	9155.5	9305.6	9024.1	8869.4	9216.4	8527.0	7368.5
55°	9160.2	9202.4	9497.9	9896.5	10328.1	10492.2	9563.5	8761.5	8095.5	7724.9	7143.3
57.5°	9873.1	9962.2	10332.7	11111.3	11763.3	11749.2	10248.3	7795.3	6608.6	6838.5	6650.9
60°	10867.4	10961.2	11552.2	12532.5	13329.8	12996.8	10257.7	6486.7	5150.0	5459.5	5726.9
62.5°	11697.6	11857.1	12724.8	14357.0	15088.7	14568.1	9408.8	4967.0	3419.2	3808.5	4427.6
65°	11622.6	11833.6	13179.8	15698.4	16791.3	16308.2	8165.8	3142.5	1763.6	2603.1	3100.3
67°	10600.1	10829.9	12574.7	15745.4	17401.0	16369.2	6894.7	1899.6	1121.0	1805.8	2152.8
67.5°	10013.8	10351.5	12274.5	15656.2	17288.5	16111.2	6322.5	1590.0	1055.3	1679.1	1960.5
70°	6158.4	6702.4	9211.8	13841.1	15496.8	13484.6	3513.0	900.5	858.3	1125.7	1355.5
72.5°	1852.7	2016.8	3555.3	8878.7	11374.0	9995.0	1580.6	694.2	769.2	905.2	1045.9
75°	900.5	961.5	1468.1	3630.3	5539.2	5511.1	881.8	595.7	712.9	759.8	825.5
77.5°	576.9	614.4	914.6	2030.9	2537.5	2260.7	637.9	520.6	633.2	623.8	614.4
80°	361.2	379.9	586.3	1177.3	1871.4	1561.9	469.0	426.8	544.1	483.1	436.2
82.5°	234.5	258.0	375.2	717.6	1336.7	1163.2	309.6	304.9	450.3	384.6	337.7
85°	154.8	173.5	239.2	422.1	792.7	830.2	201.7	211.1	347.1	290.8	258.0
87.5°	56.3	70.4	121.9	187.6	370.5	459.6	84.4	79.7	168.9	136.0	107.9
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: P1457280
CATALOG NUMBER: GLAN-SB4B-840-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4826.3	4826.3	4826.3	4826.3	4826.3	4826.3	4826.3	4826.3	4826.3	4826.3	4826.3
2.5°	4840.4	4826.3	4760.7	4704.4	4662.2	4605.9	4544.9	4474.6	4427.6	4437.0	4423.0
5°	4863.8	4826.3	4699.7	4507.4	4319.8	4085.3	3785.1	3606.8	3470.8	3400.5	3419.2
7.5°	4915.4	4849.8	4582.4	4193.1	3705.3	3226.9	2931.4	2762.6	2682.9	2650.0	2645.3
10°	5004.6	4892.0	4432.3	3705.3	3067.5	2743.8	2636.0	2589.0	2579.7	2579.7	2575.0
12.5°	5112.4	4934.2	4179.1	3231.6	2762.6	2645.3	2626.6	2631.3	2645.3	2659.4	2636.0
15°	5243.8	4953.0	3864.8	2945.5	2701.6	2673.5	2701.6	2734.4	2757.9	2776.7	2753.2
17.5°	5375.1	4934.2	3569.3	2809.5	2711.0	2748.5	2804.8	2856.4	2870.5	2898.6	2879.8
20°	5468.9	4868.5	3316.0	2757.9	2734.4	2818.9	2889.2	2945.5	2973.7	2992.4	2973.7
22.5°	5539.2	4784.1	3133.1	2706.3	2734.4	2837.6	2922.1	2987.7	3020.6	3039.3	3015.9
25°	5600.2	4666.9	2992.4	2631.3	2678.2	2776.7	2870.5	2936.1	2983.0	3011.2	2997.1
27.5°	5675.3	4573.0	2861.1	2518.7	2560.9	2654.7	2753.2	2832.9	2922.1	2969.0	2959.6
30°	5759.7	4526.1	2734.4	2396.7	2424.9	2518.7	2636.0	2743.8	2865.8	2926.7	2926.7
32.5°	5858.2	4493.3	2617.2	2279.5	2302.9	2406.1	2518.7	2617.2	2748.5	2847.0	2842.3
35°	5900.4	4455.8	2523.4	2171.6	2218.5	2302.9	2392.1	2457.7	2593.7	2711.0	2720.4
37.5°	5942.6	4441.7	2476.5	2087.2	2124.7	2190.4	2237.3	2270.1	2396.7	2518.7	2523.4
40°	5994.2	4507.4	2509.3	2030.9	1998.1	2063.7	2087.2	2105.9	2171.6	2251.3	2251.3
42.5°	5961.4	4554.3	2584.4	1979.3	1843.3	1918.3	1927.7	1923.0	1927.7	1932.4	1927.7
45°	5877.0	4507.4	2584.4	1899.6	1679.1	1758.9	1754.2	1730.7	1693.2	1594.7	1580.6
47.5°	5858.2	4479.2	2485.9	1768.2	1515.0	1580.6	1590.0	1543.1	1435.2	1332.0	1299.2
50°	5937.9	4530.8	2331.1	1608.8	1374.3	1430.5	1454.0	1374.3	1252.3	1144.4	1125.7
52.5°	6055.2	4596.5	2105.9	1435.2	1257.0	1313.3	1341.4	1252.3	1125.7	1041.2	1031.9
55°	6041.1	4596.5	1852.7	1275.8	1167.9	1210.1	1257.0	1163.2	1064.7	1017.8	1013.1
57.5°	5736.2	4423.0	1665.1	1163.2	1083.5	1121.0	1182.0	1092.8	999.0	1008.4	1022.5
60°	5140.6	3972.7	1524.3	1088.2	1008.4	1045.9	1111.6	1008.4	886.5	853.6	853.6
62.5°	4235.3	3273.8	1411.8	1013.1	938.1	985.0	1017.8	881.8	802.0	764.5	764.5
65°	3175.3	2532.8	1294.5	952.1	877.1	928.7	891.2	825.5	745.8	717.6	722.3
67°	*2354.5*	*1965.2*	*1196.0*	*900.5*	*839.6*	*863.0*	*834.9*	*788.0*	*708.2*	*684.8*	*708.2*
67.5°	2115.3	1866.7	1172.6	886.5	830.2	848.9	820.8	783.3	698.9	675.4	698.9
70°	1454.0	1435.2	1045.9	820.8	778.6	759.8	773.9	727.0	656.6	647.3	670.7
72.5°	1106.9	1144.4	938.1	764.5	722.3	698.9	731.7	684.8	614.4	628.5	652.0
75°	867.7	924.0	839.6	684.8	656.6	661.3	727.0	708.2	652.0	666.0	670.7
77.5°	642.6	745.8	717.6	595.7	572.2	637.9	820.8	877.1	778.6	755.1	722.3
80°	469.0	534.7	605.0	492.5	478.4	614.4	1013.1	1121.0	961.5	867.7	844.3
82.5°	347.1	375.2	497.2	394.0	347.1	548.8	1125.7	1318.0	1144.4	966.2	938.1
85°	248.6	290.8	394.0	290.8	229.8	450.3	1102.2	1289.8	1135.1	914.6	891.2
87.5°	89.1	126.6	168.9	131.3	117.3	309.6	909.9	928.7	708.2	323.6	328.3
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

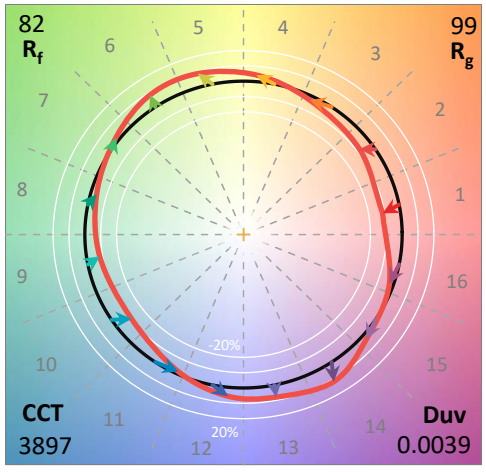
Test Information

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

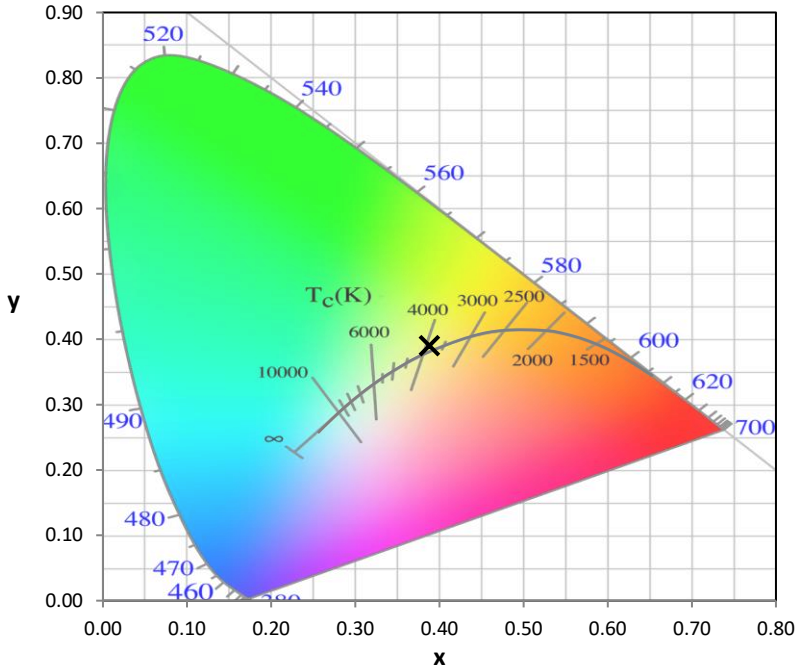
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

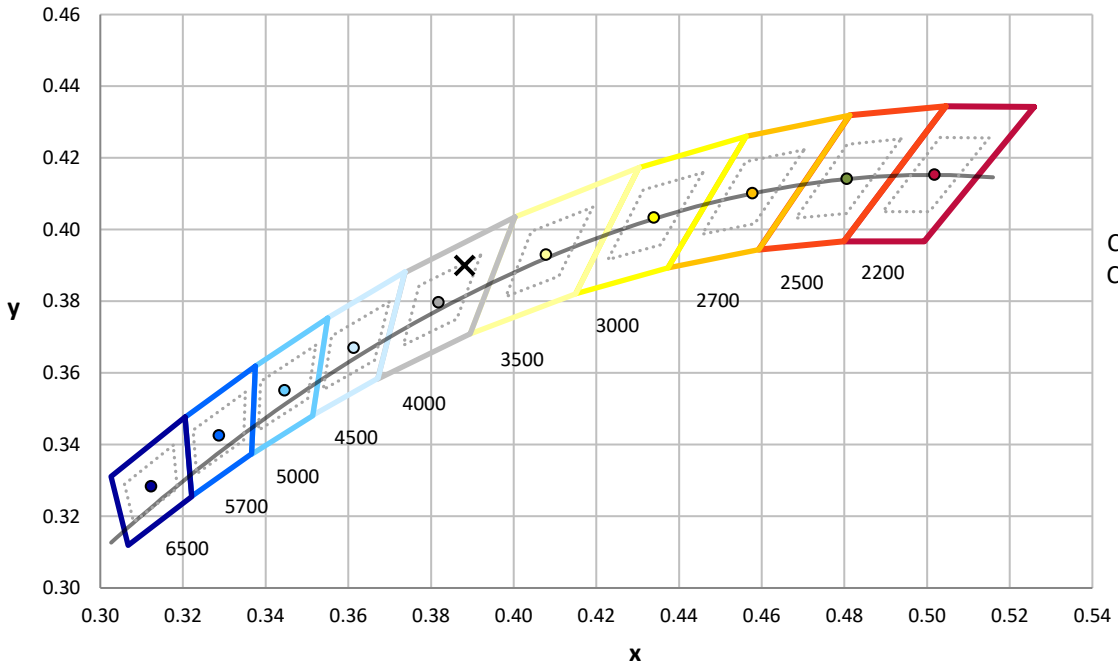
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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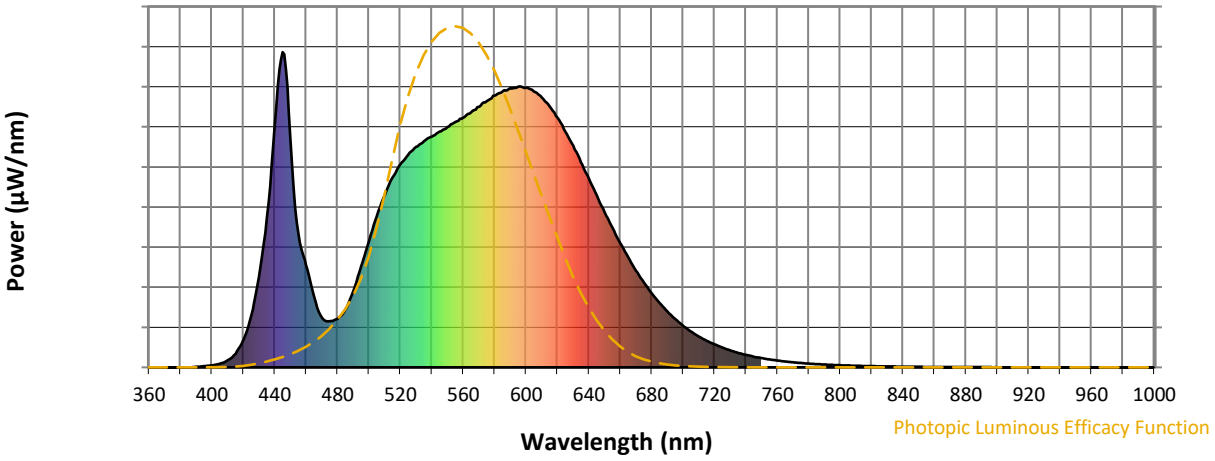
Photopic Flux vs. Wavelength



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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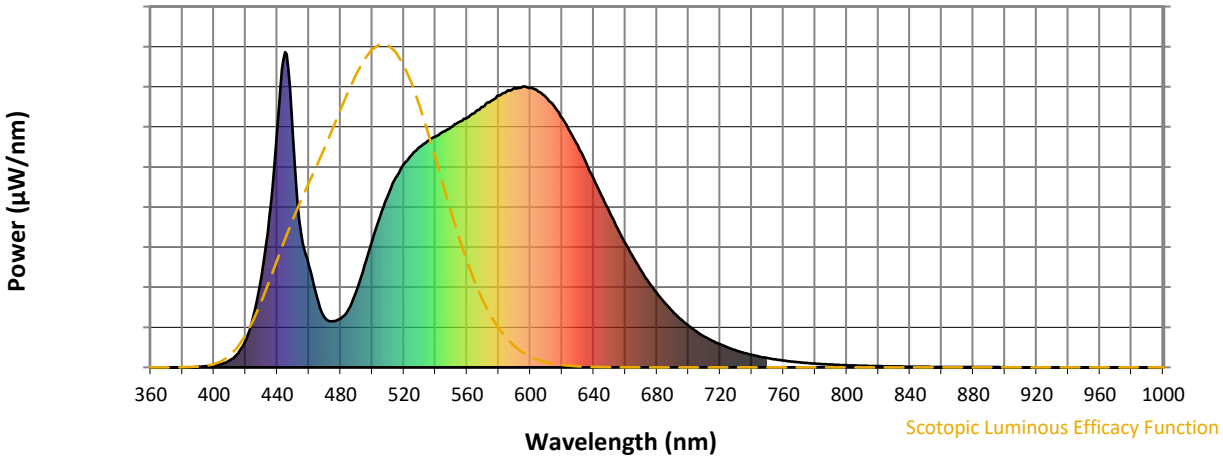
Scotopic Flux vs. Wavelength



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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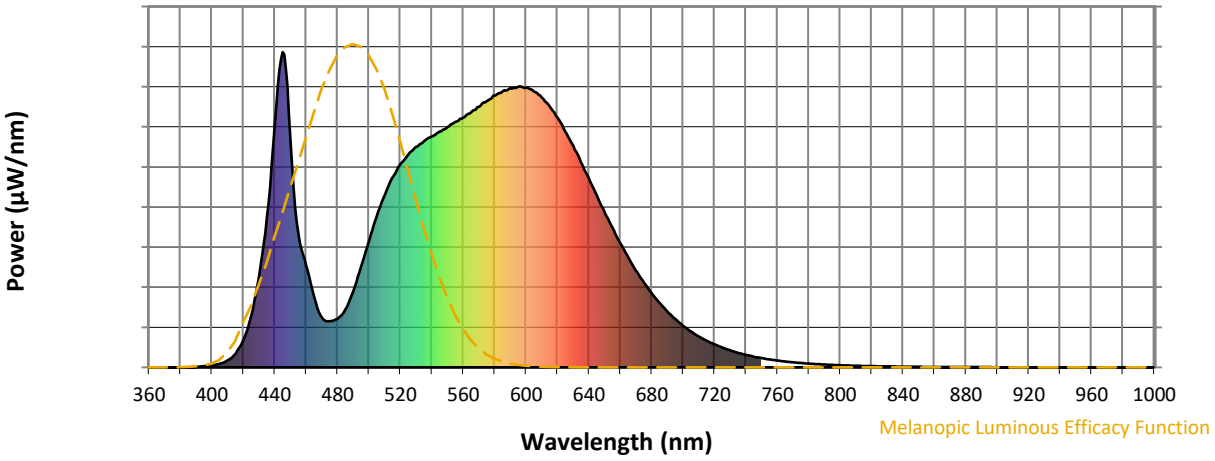
Melanopic Flux vs. Wavelength



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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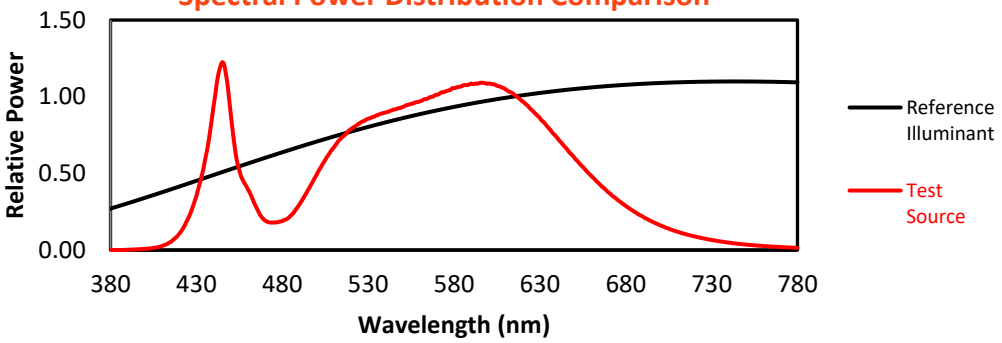
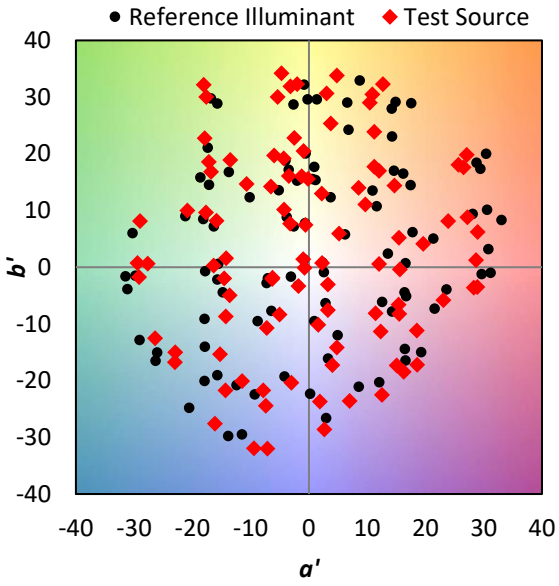
Summary

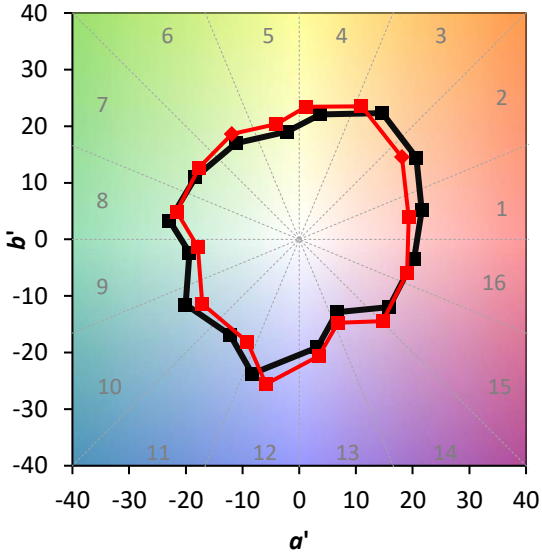
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

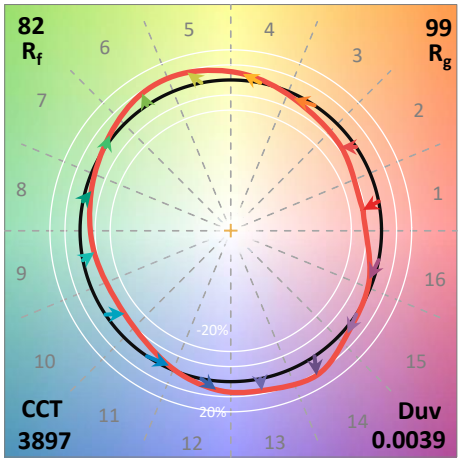
Spectral Power Distribution Comparison

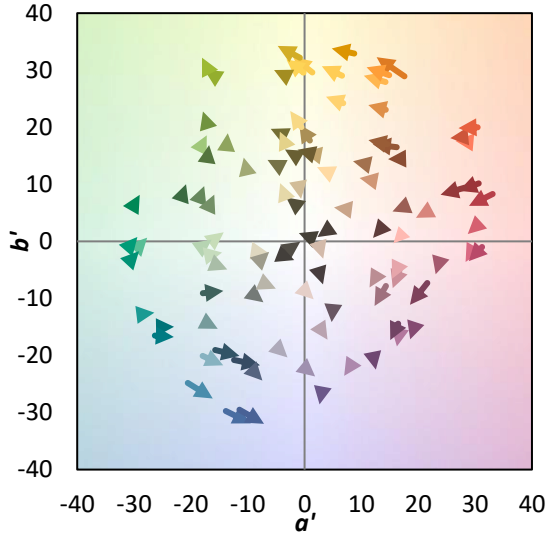


Color Vector Graphics









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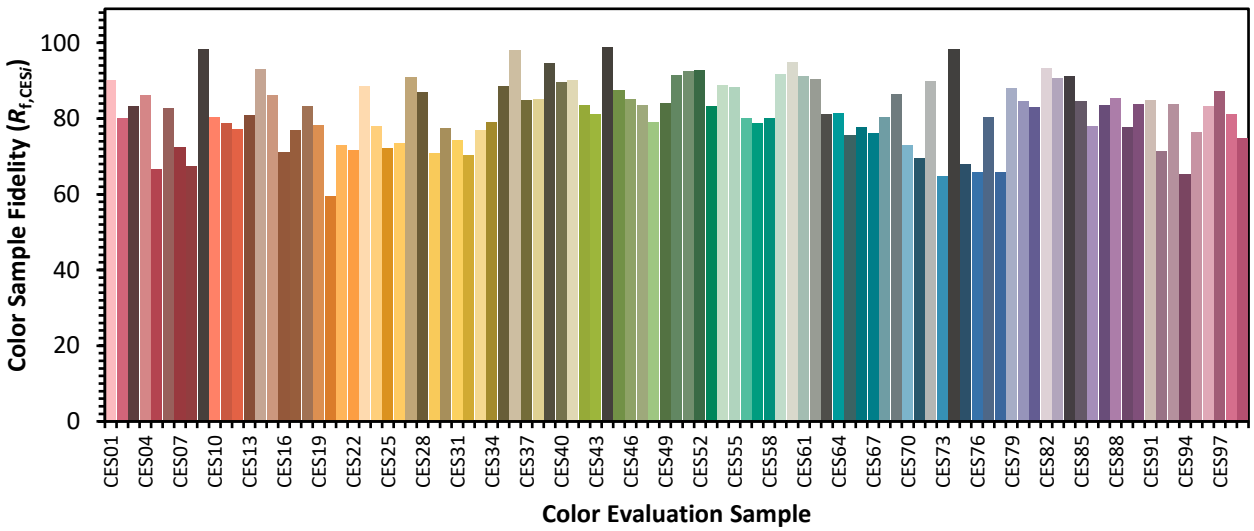
Individual Sample Fidelity Index ($R_{f,i}$)

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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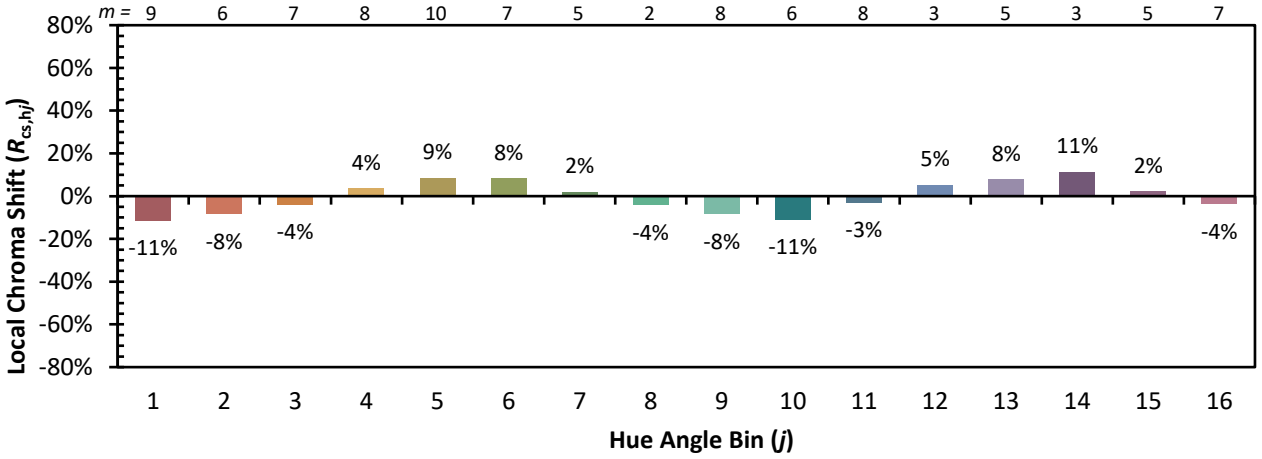
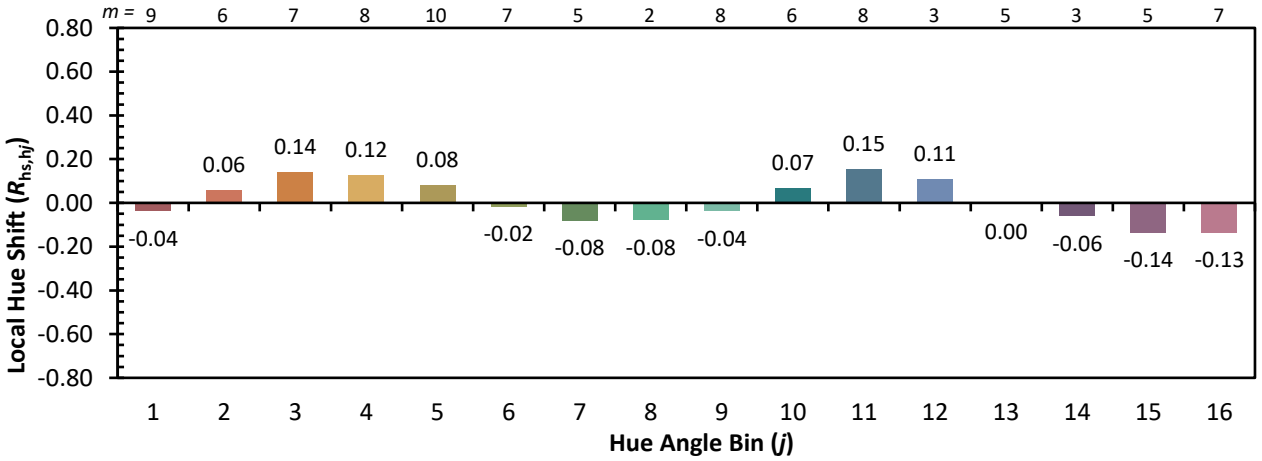
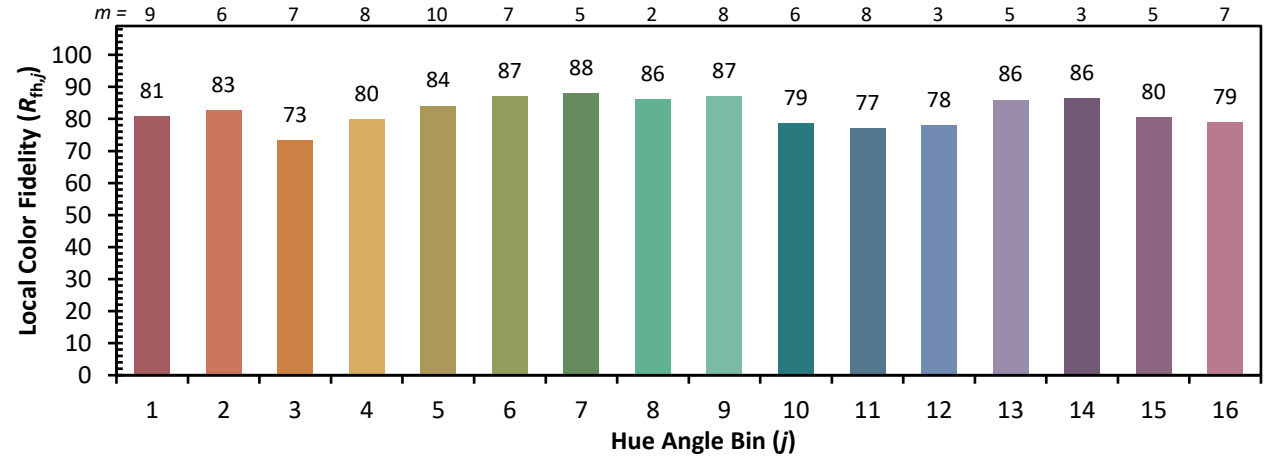
Color Rendition by Hue-Angle Bin







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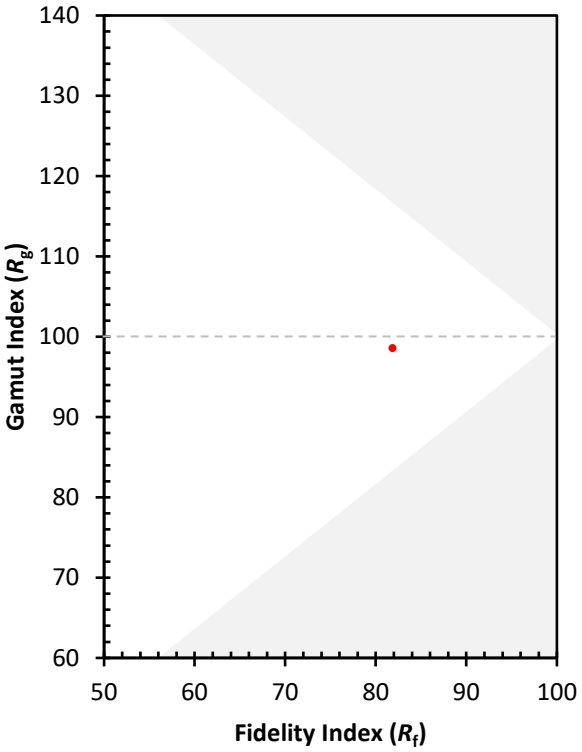
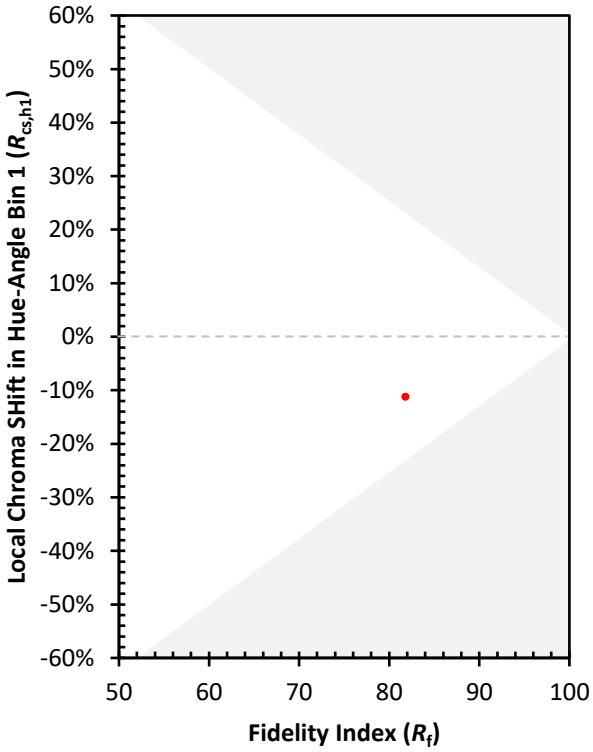
Measure Comparisons





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