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: P1456701

Luminaire Tested: GLAN-SB3C-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:	P1456701
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB3C-840-U-T3LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 615mA 3xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE III LOW GLARE
Light Source:	(78) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	20961.7 lumens
Efficiency:	N/A
Efficacy:	140.6 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):	149.1
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: P1456701
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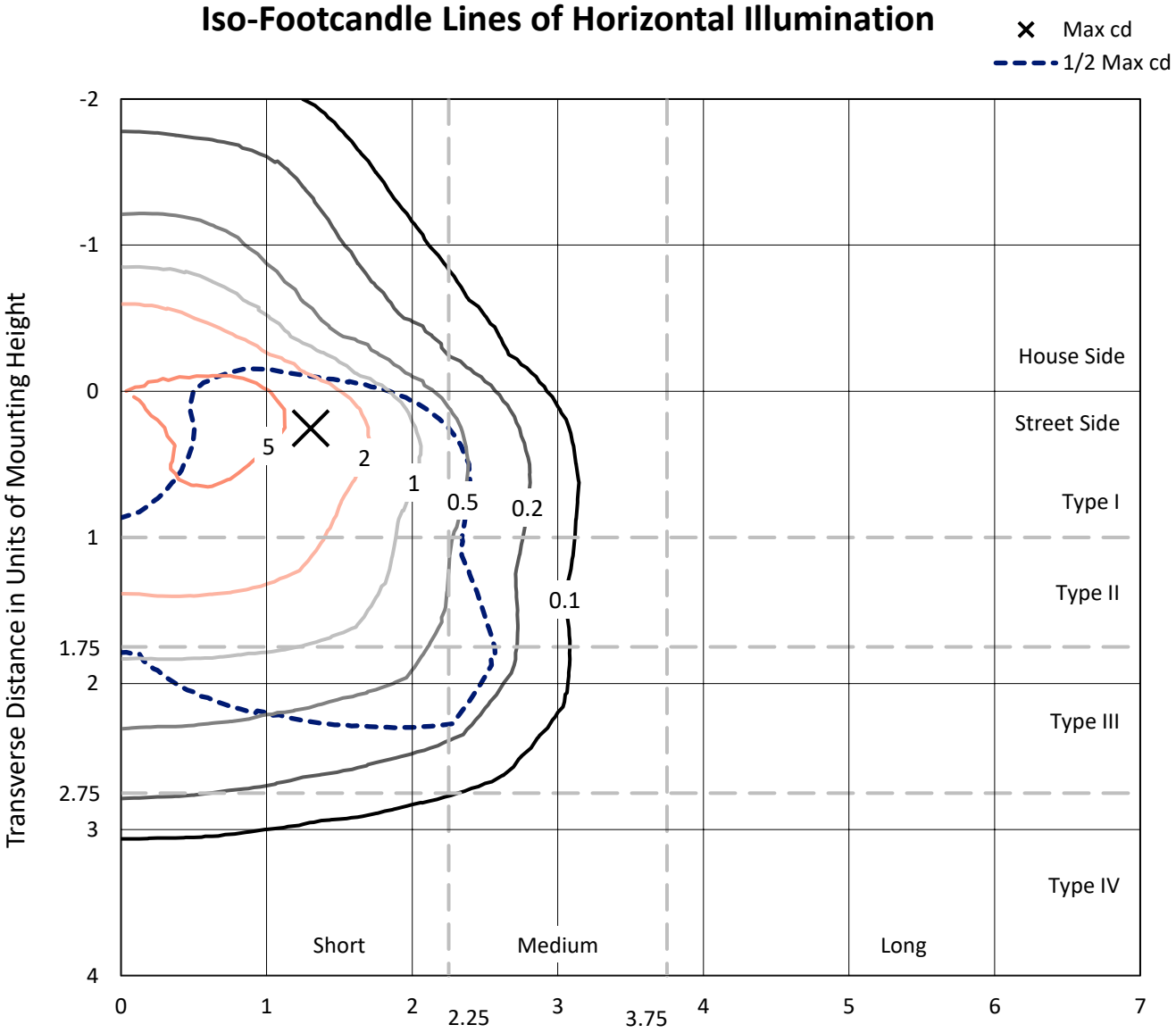
Iso-Footcandle Lines of Horizontal Illumination



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

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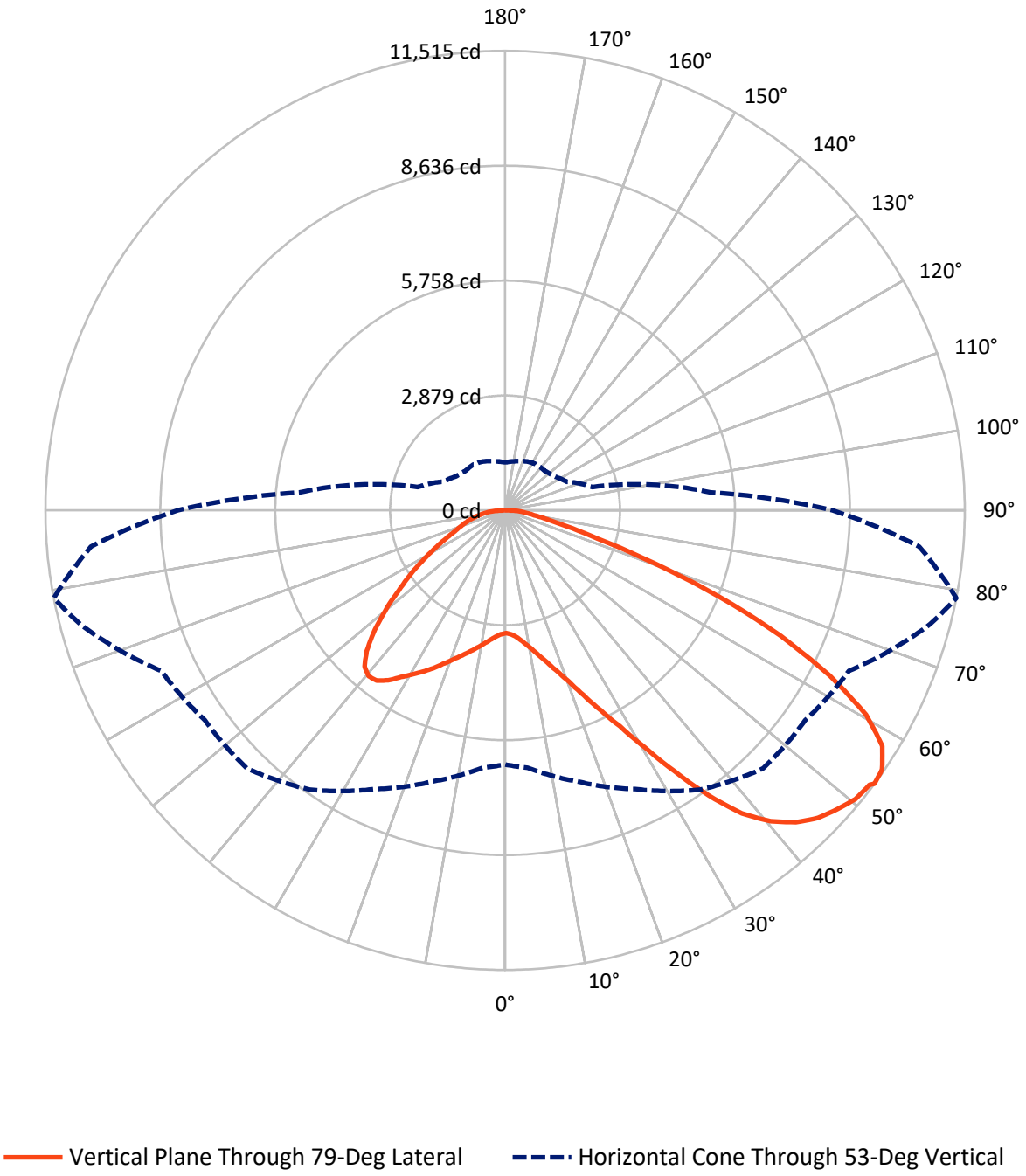
Luminous Intensity Polar Plot



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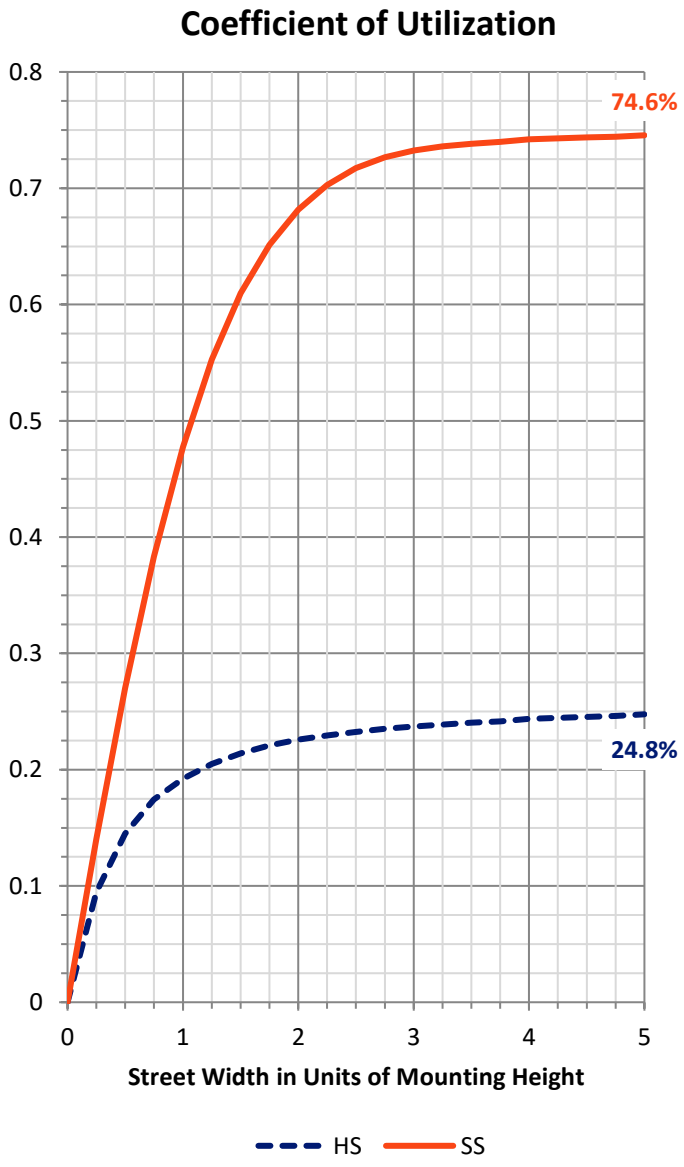
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5284.3	0.0	5284.3
	% Fixture	25.2	0.0	25.2
Street Side	Lumens	15677.4	0.0	15677.4
	% Fixture	74.8	0.0	74.8
Total	Lumens	20961.7	0.0	20961.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	293.2	1.4
10°-20°	908.0	4.3
20°-30°	1736.0	8.3
30°-40°	2980.5	14.2
40°-50°	4174.8	19.9
50°-60°	4737.8	22.6
60°-70°	4154.8	19.8
70°-80°	1624.6	7.8
80°-90°	352.0	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°	20961.7	100.0
0°-180°	20961.7	100.0



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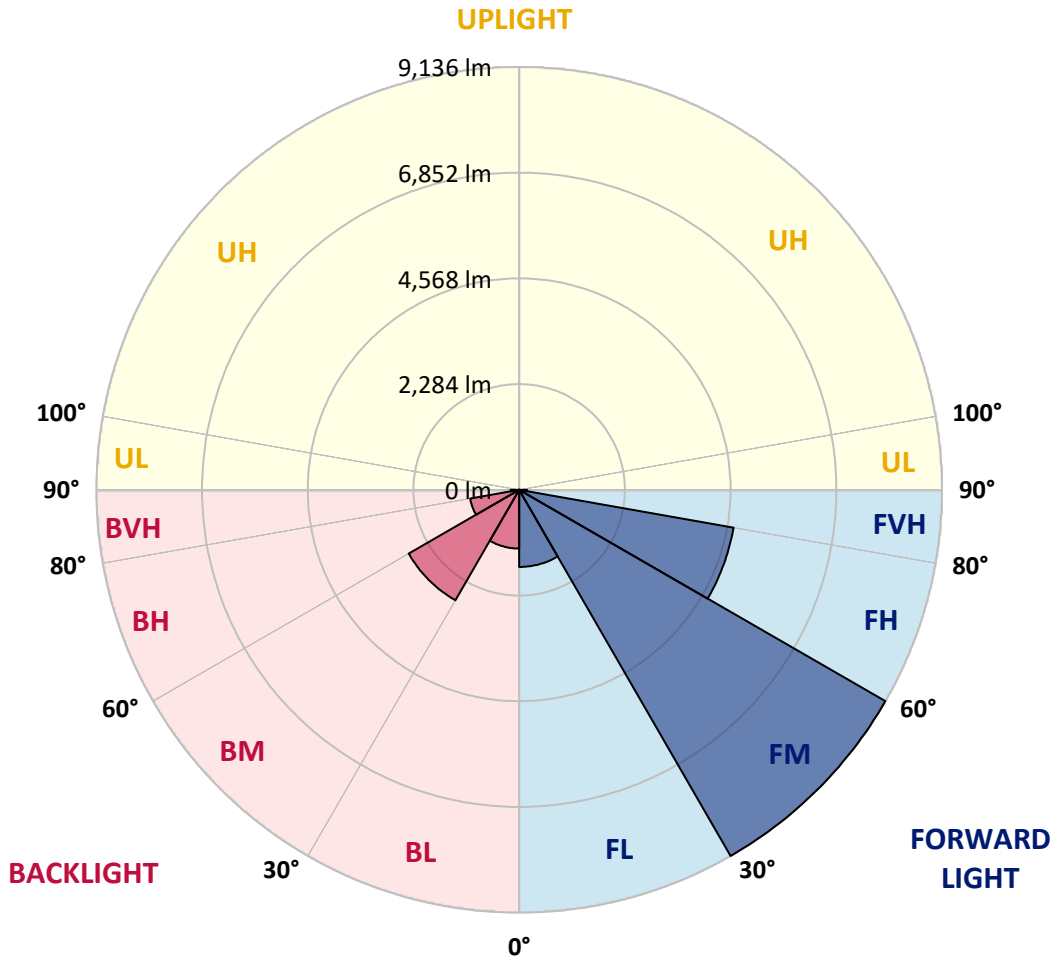
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1666.3	7.9			
FM	(30°-60°)	9136.4	43.6			
FH	(60°-80°)	4703.9	22.4			G2/5000
FVH	(80°-90°)	170.7	0.8			G2/225
BL	(0°-30°)	1270.9	6.1	B3/2500		
BM	(30°-60°)	2756.7	13.2	B3/5000		
BH	(60°-80°)	1075.4	5.1	B3/2500		G3/2500
BVH	(80°-90°)	181.3	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: P1456701
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	79°	85°
0°	3077.2	3077.2	3077.2	3077.2	3077.2	3077.2	3077.2	3077.2	3077.2	*3077.2*	3077.2
2.5°	3081.9	3081.9	3063.2	3081.9	3072.6	3086.6	3095.9	3095.9	3114.6	*3109.9*	3109.9
5°	3030.5	3021.2	3016.5	3049.2	3067.9	3105.2	3147.3	3165.9	3198.6	*3198.6*	3203.3
7.5°	2895.1	2890.4	2913.8	2979.2	3039.9	3133.3	3222.0	3273.3	3324.7	*3334.0*	3334.0
10°	2811.1	2806.4	2834.4	2913.8	3011.9	3147.3	3287.4	3394.8	3478.8	*3502.2*	3502.2
12.5°	2811.1	2811.1	2834.4	2913.8	3016.5	3180.0	3371.4	3553.5	3684.3	*3712.3*	3702.9
15°	2890.4	2885.8	2913.8	2997.8	3095.9	3250.0	3483.5	3726.3	3903.7	*3955.1*	3959.8
17.5°	2974.5	2969.8	3011.9	3119.3	3236.0	3390.1	3628.2	3927.1	4179.2	*4244.6*	4258.6
20°	3105.2	3100.6	3151.9	3254.7	3399.4	3576.9	3824.4	4165.2	4515.4	*4585.5*	4604.2
22.5°	3254.7	3259.3	3315.4	3441.4	3586.2	3819.7	4123.2	4501.4	4921.7	*5029.1*	5047.8
25°	3567.5	3553.5	3600.2	3688.9	3843.0	4123.2	4496.8	4907.7	5407.3	*5538.1*	5561.4
27.5°	3983.1	3959.8	4011.1	4099.9	4211.9	4473.4	4903.0	5360.6	5963.0	*6126.4*	6131.1
30°	4356.7	4342.7	4412.7	4594.8	4711.6	4912.4	5370.0	5893.0	6649.4	*6887.6*	6896.9
32.5°	4678.9	4674.2	4805.0	5038.4	5304.6	5519.4	5963.0	6565.4	7518.0	*7793.5*	7732.8
35°	4987.1	5001.1	5164.5	5407.3	5762.2	6191.8	6640.1	7326.5	8433.2	*8764.7*	8666.7
37.5°	5299.9	5309.3	5524.1	5836.9	6210.5	6770.8	7373.2	8153.0	9227.0	*9637.9*	9423.1
40°	5589.4	5617.5	5907.0	6243.2	6728.8	7298.5	7970.9	8727.4	9838.7	*10245.0*	10011.5
42.5°	5878.9	5921.0	6233.8	6696.1	7214.4	7807.5	8386.5	9077.6	10231.0	*10683.9*	10324.3
45°	6177.8	6205.8	6593.4	7074.3	7662.7	8209.0	8624.6	9301.7	10501.8	*10992.1*	10501.8
47.5°	6378.6	6434.6	6859.6	7415.2	8003.6	8517.2	8816.1	9395.1	10674.6	*11192.9*	10567.2
50°	6458.0	6537.4	6995.0	7611.3	8283.8	8806.7	8965.5	9446.5	10866.0	*11370.3*	10553.2
52.5°	6444.0	6518.7	7018.3	7700.1	8507.9	9072.9	9110.3	9502.5	11001.4	*11431.0*	10431.7
53°	*6369.2*	*6472.0*	*7032.3*	*7704.7*	*8540.6*	*9143.0*	*9175.6*	*9507.2*	*11020.1*	*11515.1*	*10413.1*
55°	6112.4	6168.5	6887.6	7700.1	8694.7	9404.4	9357.8	9647.3	11071.5	*11459.0*	10207.6
57.5°	5878.9	5935.0	6560.7	7611.3	8820.8	9773.3	9651.9	9623.9	10791.3	*11141.5*	9689.3
60°	5729.5	5748.2	6275.9	7331.2	8769.4	10030.2	9843.4	9348.4	10100.2	*10389.7*	8778.7
62.5°	5603.4	5598.8	6065.7	6929.6	8573.3	10067.5	9880.7	8666.7	9086.9	*9133.6*	7564.7
65°	5318.6	5285.9	5738.9	6476.6	8167.0	9899.4	9423.1	7634.7	7742.1	*7588.0*	6075.1
67.5°	4753.6	4683.5	5085.1	5785.6	7340.5	9423.1	8549.9	6434.6	6103.1	*5794.9*	4576.1
70°	3404.1	3404.1	3726.3	4426.7	5893.0	8143.7	7340.5	4870.3	4202.6	*3927.1*	3058.5
72.5°	1667.0	1709.1	2045.3	2614.9	3950.4	5911.6	5622.1	3156.6	2549.6	*2414.2*	1961.2
75°	709.8	714.4	873.2	1158.0	2003.2	3497.5	3520.8	1821.1	1634.3	*1569.0*	1298.1
77.5°	495.0	504.3	574.4	681.8	952.6	1606.3	1830.5	1102.0	1097.3	*1050.6*	924.6
80°	378.2	387.6	434.3	509.0	639.7	821.8	947.9	747.1	784.5	*737.8*	667.7
82.5°	284.8	294.2	326.9	382.9	457.6	551.0	532.3	551.0	579.0	*551.0*	481.0
85°	191.5	196.1	219.5	266.2	294.2	331.5	331.5	401.6	420.3	*410.9*	378.2
87.5°	98.1	98.1	116.7	140.1	149.4	154.1	135.4	177.4	200.8	*219.5*	177.4
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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Scaled Data Report

REPORT NUMBER: P1456701
CATALOG NUMBER: GLAN-SB3C-840-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3077.2	3077.2	3077.2	3077.2	3077.2	3077.2	3077.2	3077.2	3077.2	3077.2	3077.2
2.5°	3109.9	3114.6	3100.6	3095.9	3091.2	3067.9	3067.9	3044.5	3039.9	3044.5	3030.5
5°	3212.6	3203.3	3165.9	3137.9	3105.2	3039.9	3002.5	2951.1	2937.1	2923.1	2909.1
7.5°	3338.7	3324.7	3259.3	3184.6	3095.9	2969.8	2899.8	2815.7	2787.7	2764.4	2755.0
10°	3497.5	3469.5	3366.7	3208.0	3044.5	2890.4	2792.4	2689.7	2643.0	2633.6	2610.3
12.5°	3702.9	3651.6	3460.1	3212.6	2997.8	2797.1	2689.7	2610.3	2591.6	2586.9	2563.6
15°	3931.8	3857.0	3548.8	3217.3	2937.1	2717.7	2652.3	2610.3	2610.3	2605.6	2591.6
17.5°	4211.9	4090.5	3632.9	3198.6	2862.4	2694.3	2661.6	2624.3	2614.9	2619.6	2600.9
20°	4548.1	4347.3	3721.6	3175.3	2829.7	2699.0	2661.6	2610.3	2586.9	2582.3	2568.2
22.5°	4935.7	4641.5	3819.7	3137.9	2829.7	2694.3	2633.6	2563.6	2516.9	2498.2	2479.5
25°	5379.3	4982.4	3922.4	3123.9	2839.1	2675.6	2577.6	2465.5	2390.8	2362.8	2348.8
27.5°	5916.3	5342.0	3997.1	3137.9	2834.4	2633.6	2479.5	2334.8	2250.7	2204.0	2194.7
30°	6509.3	5729.5	4048.5	3161.3	2806.4	2554.2	2362.8	2199.4	2082.6	2026.6	2012.6
32.5°	7209.8	6163.8	4099.9	3161.3	2736.3	2442.2	2227.4	2049.9	1928.5	1863.1	1853.8
35°	7984.9	6696.1	4146.5	3156.6	2652.3	2320.8	2092.0	1909.8	1783.8	1718.4	1713.7
37.5°	8643.3	7097.7	4169.9	3109.9	2535.6	2180.7	1965.9	1783.8	1653.0	1583.0	1578.3
40°	9049.6	7265.8	4123.2	3016.5	2395.5	2035.9	1825.8	1657.7	1526.9	1442.9	1424.2
42.5°	9203.7	7186.4	3973.8	2862.4	2227.4	1891.2	1709.1	1531.6	1358.8	1288.8	1274.8
45°	9152.3	6878.2	3656.2	2643.0	2040.6	1760.4	1606.3	1405.5	1293.5	1232.8	1228.1
47.5°	8979.5	6401.9	3259.3	2367.5	1844.5	1643.7	1470.9	1372.8	1270.1	1204.7	1200.1
50°	8676.0	5893.0	2783.0	2054.6	1667.0	1522.3	1438.2	1358.8	1274.8	1223.4	1214.1
52.5°	8288.4	5318.6	2344.1	1751.1	1512.9	1414.9	1405.5	1349.5	1284.1	1228.1	1204.7
53°	*8199.7*	*5169.2*	*2260.1*	*1699.7*	*1489.6*	*1400.9*	*1396.2*	*1349.5*	*1274.8*	*1223.4*	*1204.7*
55°	7774.8	4706.9	1993.9	1517.6	1372.8	1354.2	1396.2	1344.8	1251.4	1209.4	1195.4
57.5°	7093.0	4099.9	1737.1	1349.5	1251.4	1298.1	1382.2	1326.1	1223.4	1148.7	1125.4
60°	6271.2	3404.1	1540.9	1237.4	1162.7	1228.1	1326.1	1260.8	1120.7	1083.3	1078.7
62.5°	5290.6	2755.0	1391.5	1144.0	1088.0	1153.4	1242.1	1130.0	1027.3	999.3	989.9
65°	4132.5	2190.0	1274.8	1074.0	1013.3	1064.7	1125.4	1055.3	989.9	966.6	961.9
67.5°	3072.6	1718.4	1181.4	1013.3	938.6	971.3	1041.3	1022.6	966.6	952.6	947.9
70°	2120.0	1396.2	1097.3	957.3	845.2	882.5	989.9	1004.0	947.9	938.6	933.9
72.5°	1484.9	1181.4	1008.6	896.6	770.5	807.8	966.6	966.6	905.9	919.9	910.6
75°	1116.0	994.6	905.9	821.8	677.1	733.1	933.9	924.6	863.9	924.6	901.2
77.5°	840.5	803.2	784.5	728.4	593.0	649.1	868.5	849.9	770.5	775.1	733.1
80°	611.7	621.0	672.4	621.0	495.0	537.0	733.1	723.8	625.7	644.4	593.0
82.5°	438.9	462.3	574.4	499.6	359.6	382.9	504.3	546.3	490.3	462.3	471.6
85°	331.5	345.5	462.3	368.9	224.1	252.2	345.5	392.2	382.9	354.9	359.6
87.5°	140.1	158.8	214.8	172.8	130.7	130.7	214.8	275.5	247.5	210.1	219.5
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

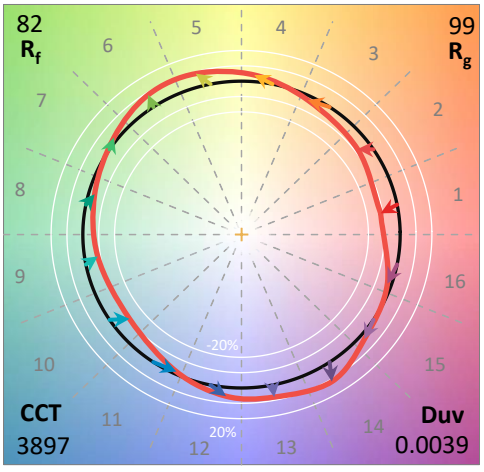
Test Information

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

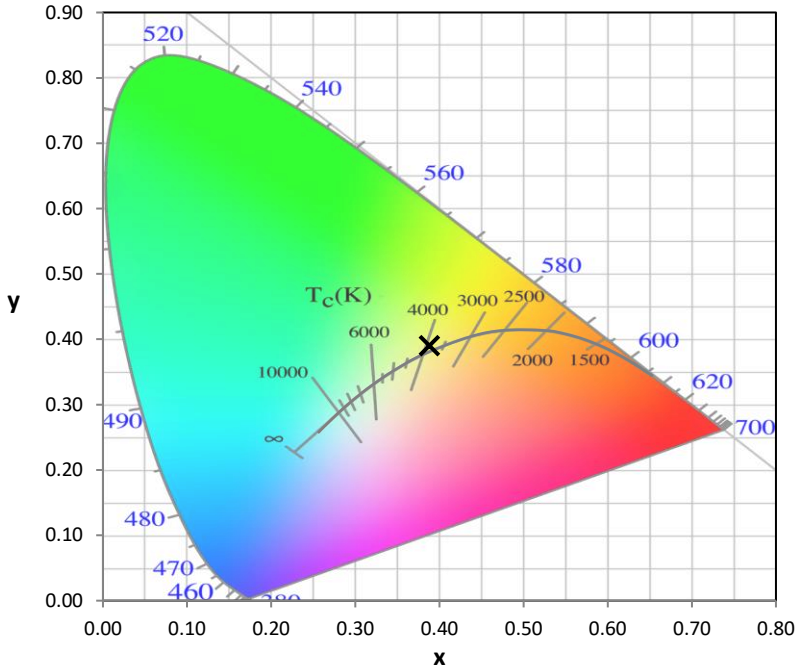
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

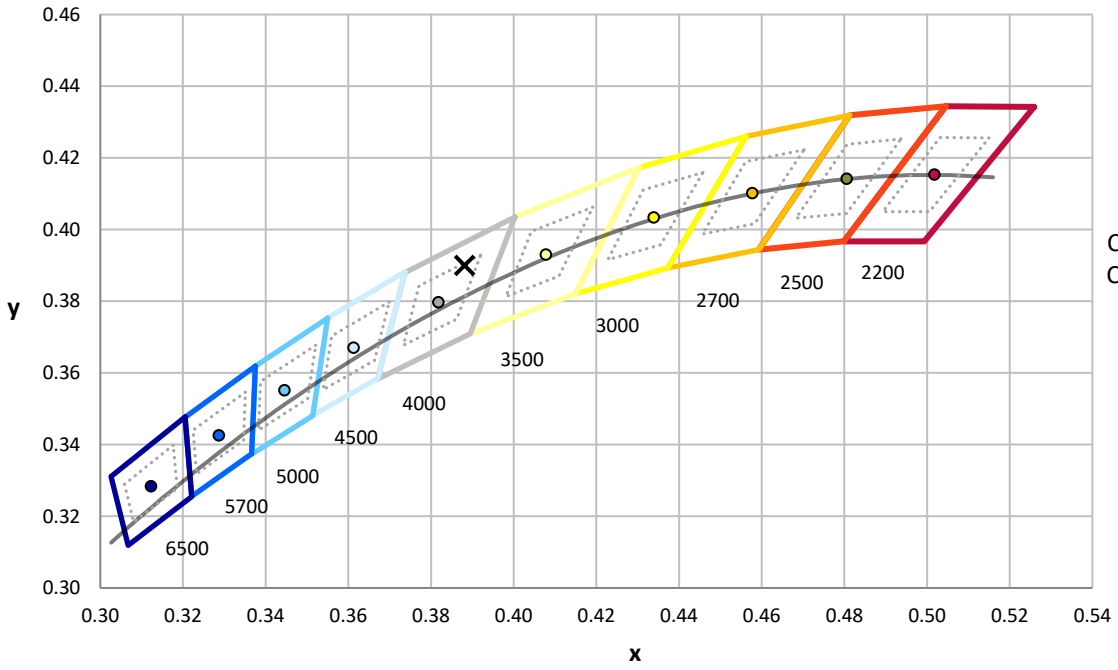
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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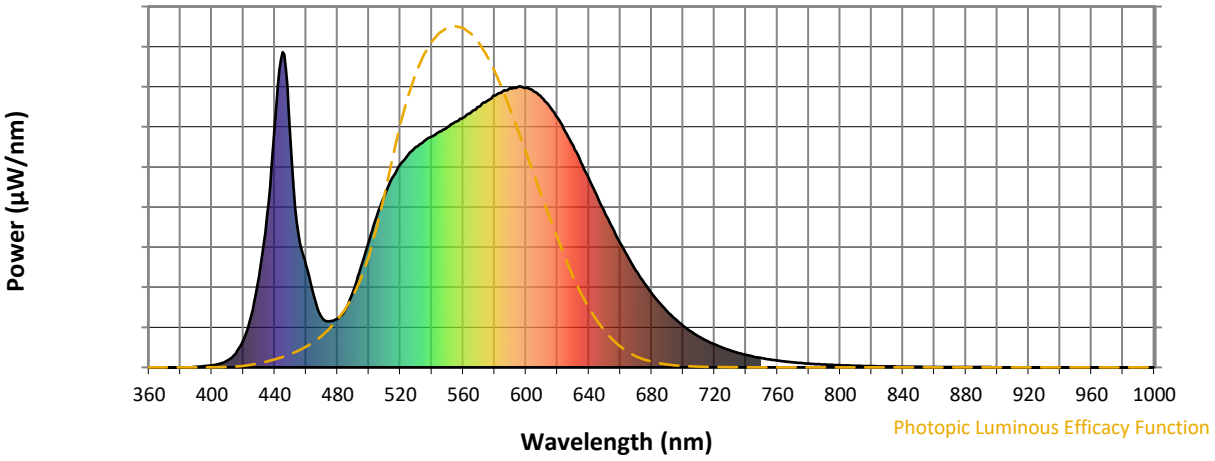
Photopic Flux vs. Wavelength



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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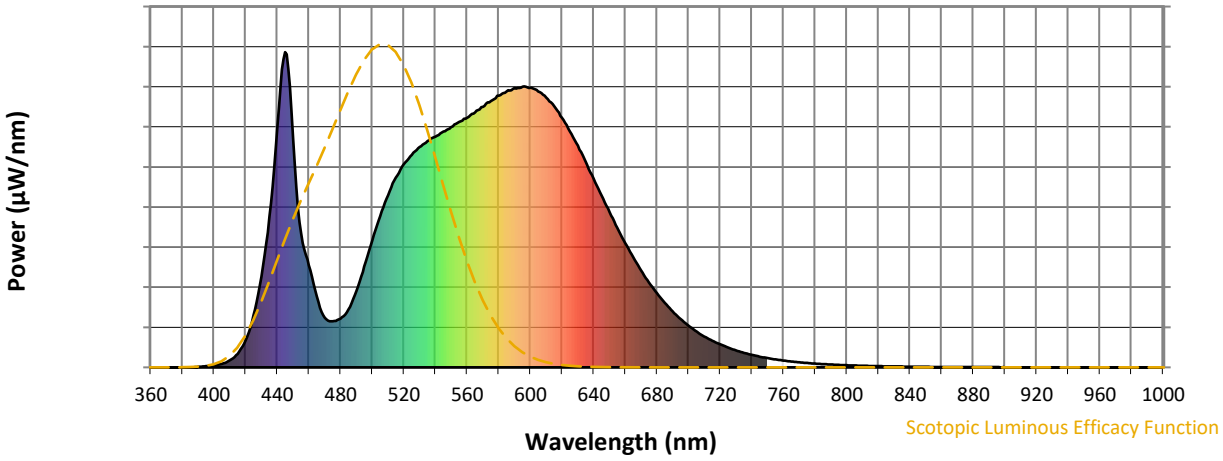
Scotopic Flux vs. Wavelength



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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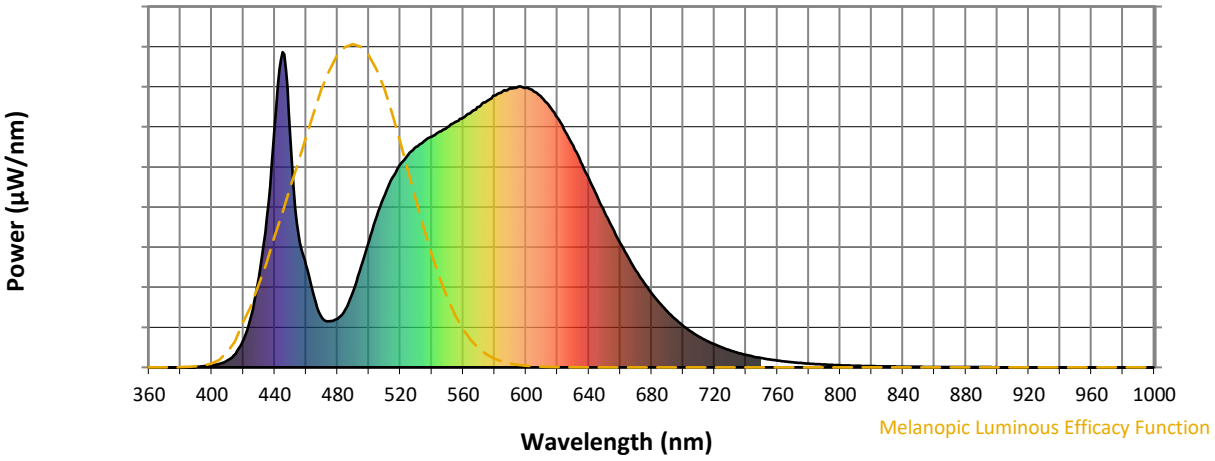
Melanopic Flux vs. Wavelength



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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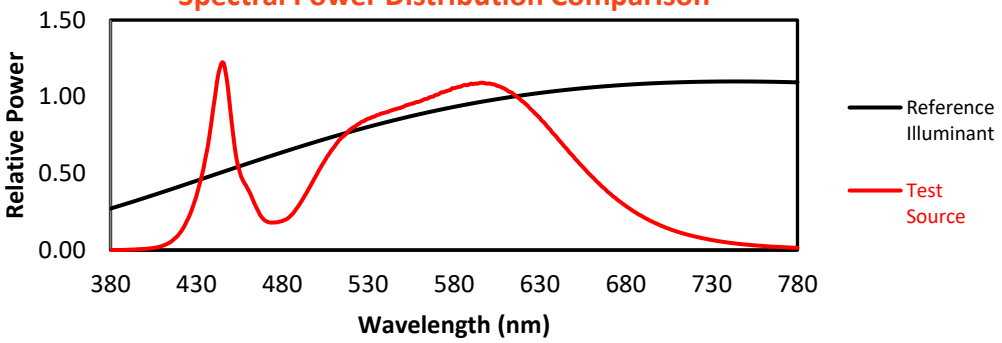
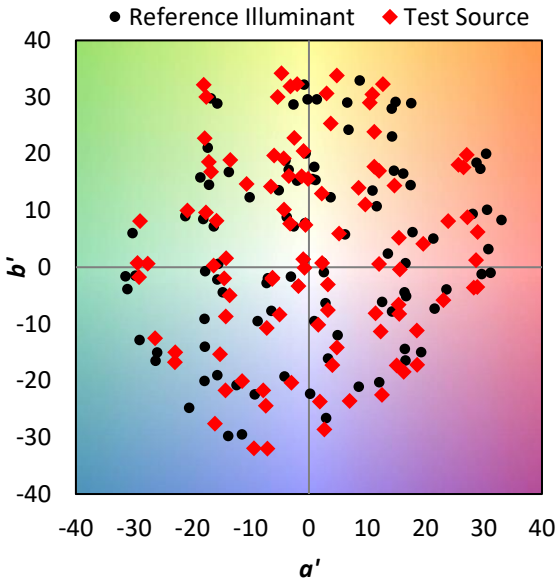
Summary

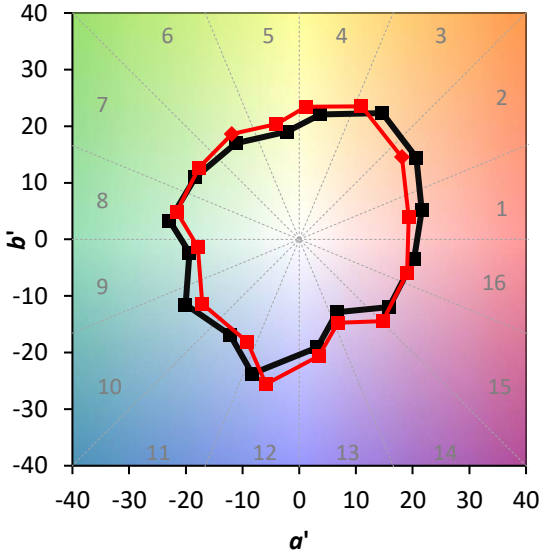
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

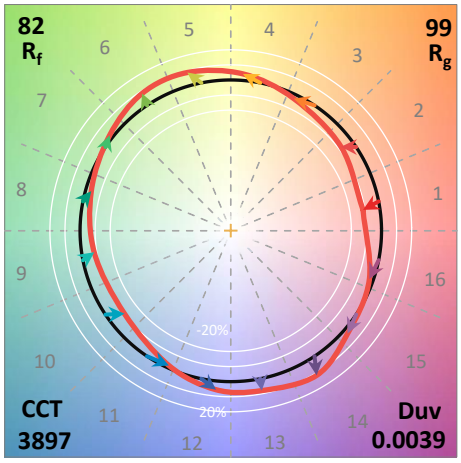
Spectral Power Distribution Comparison

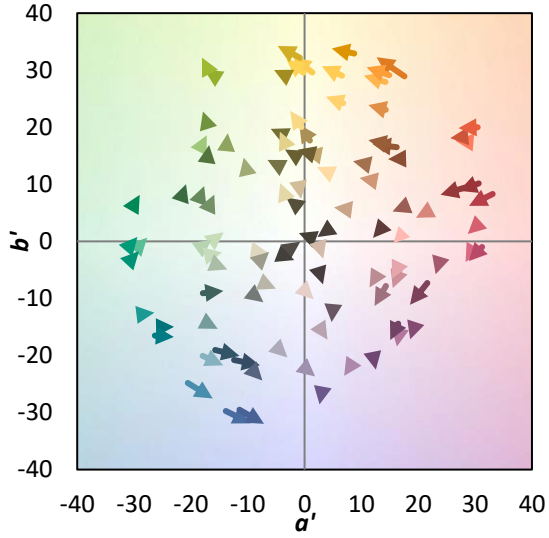


Color Vector Graphics









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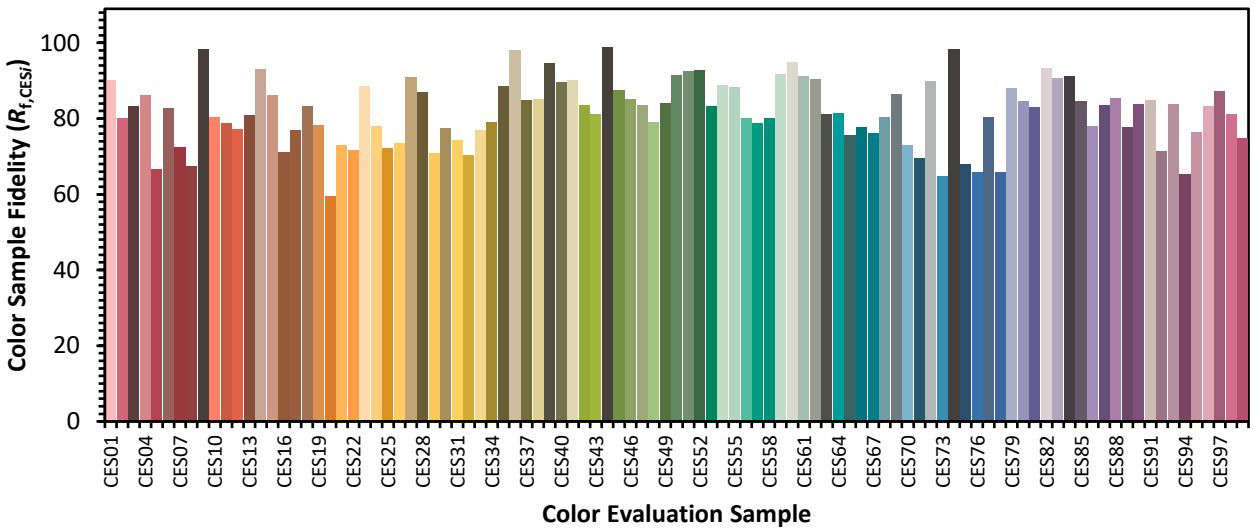
Individual Sample Fidelity Index ($R_{f,i}$)

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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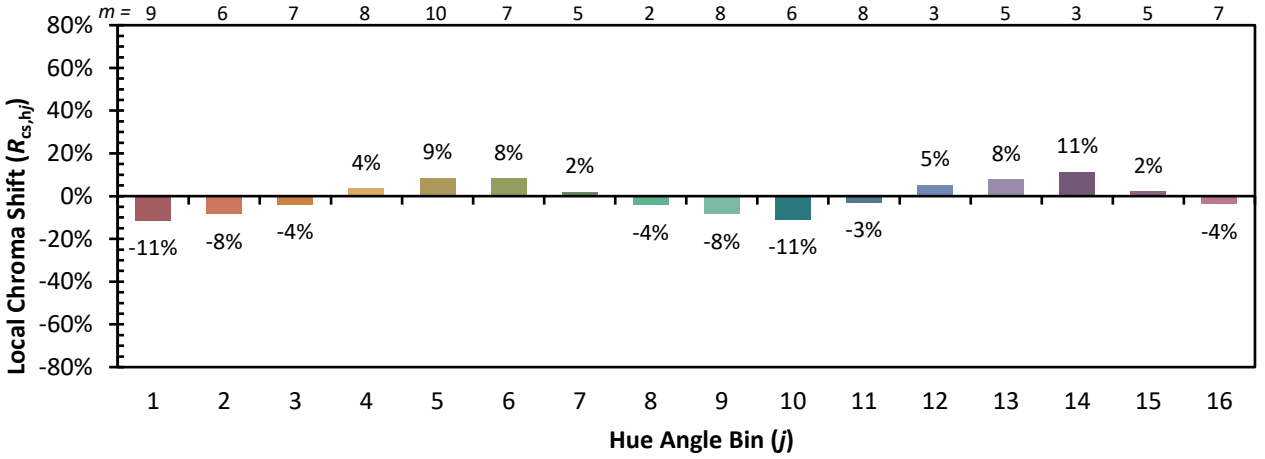
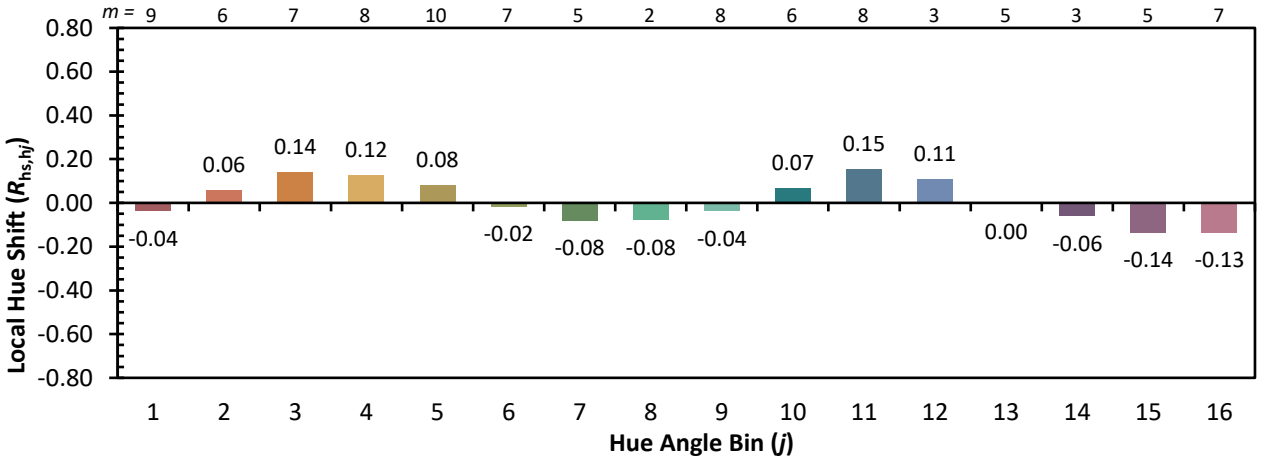
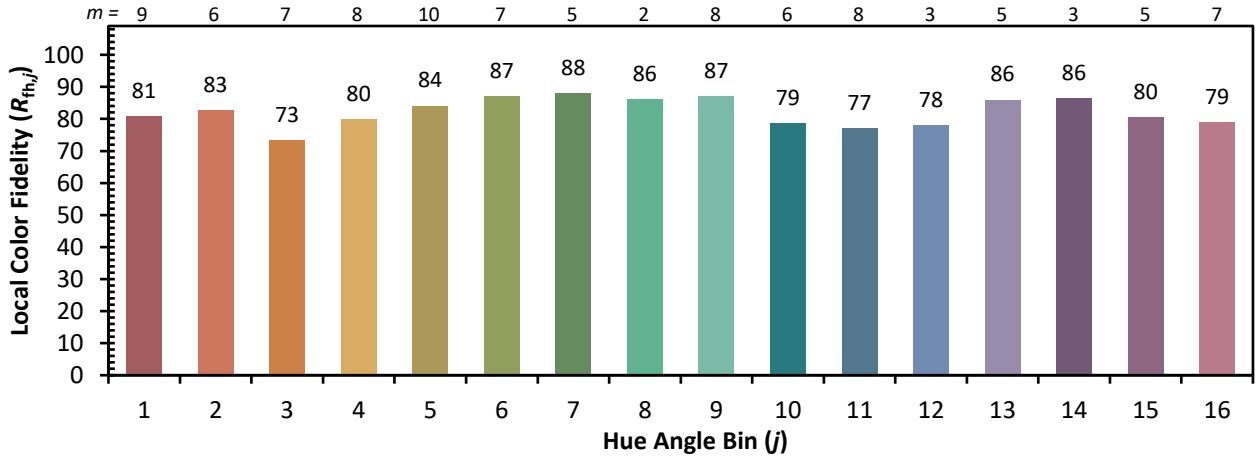
Color Rendition by Hue-Angle Bin







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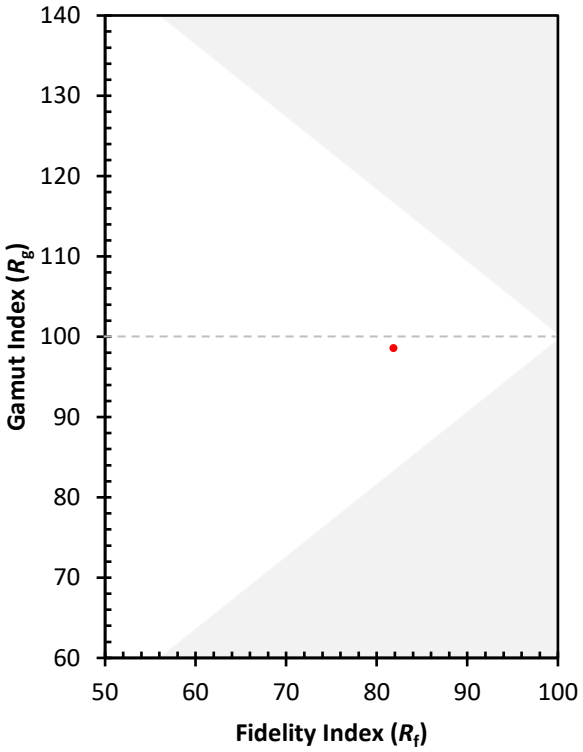
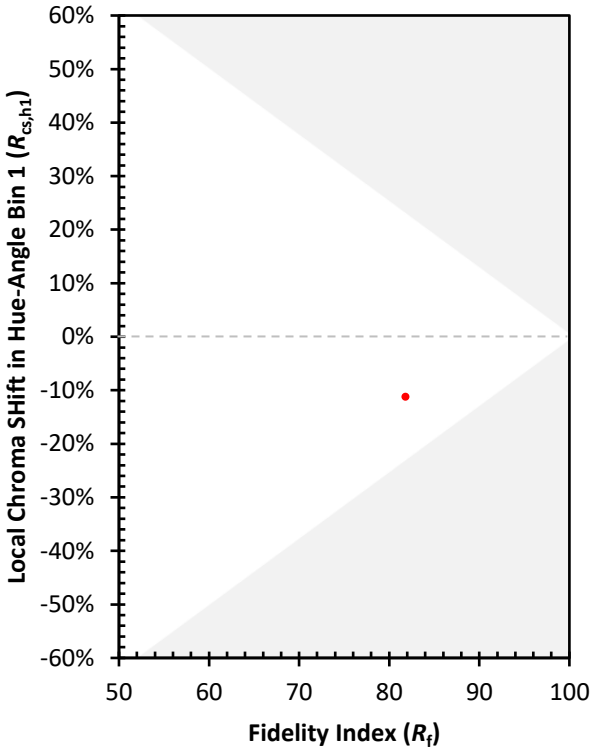
Measure Comparisons





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