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: P1457819

Luminaire Tested: GLAN-SB4A-835-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:	P1457819
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB4A-835-U-T2LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 4xLight Square PACKAGE 80CRI 3500K FIXTURE w/ TYPE II LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(104) 3500K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	12082.6 lumens
Efficiency:	N/A
Efficacy:	106.0 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: P1457819
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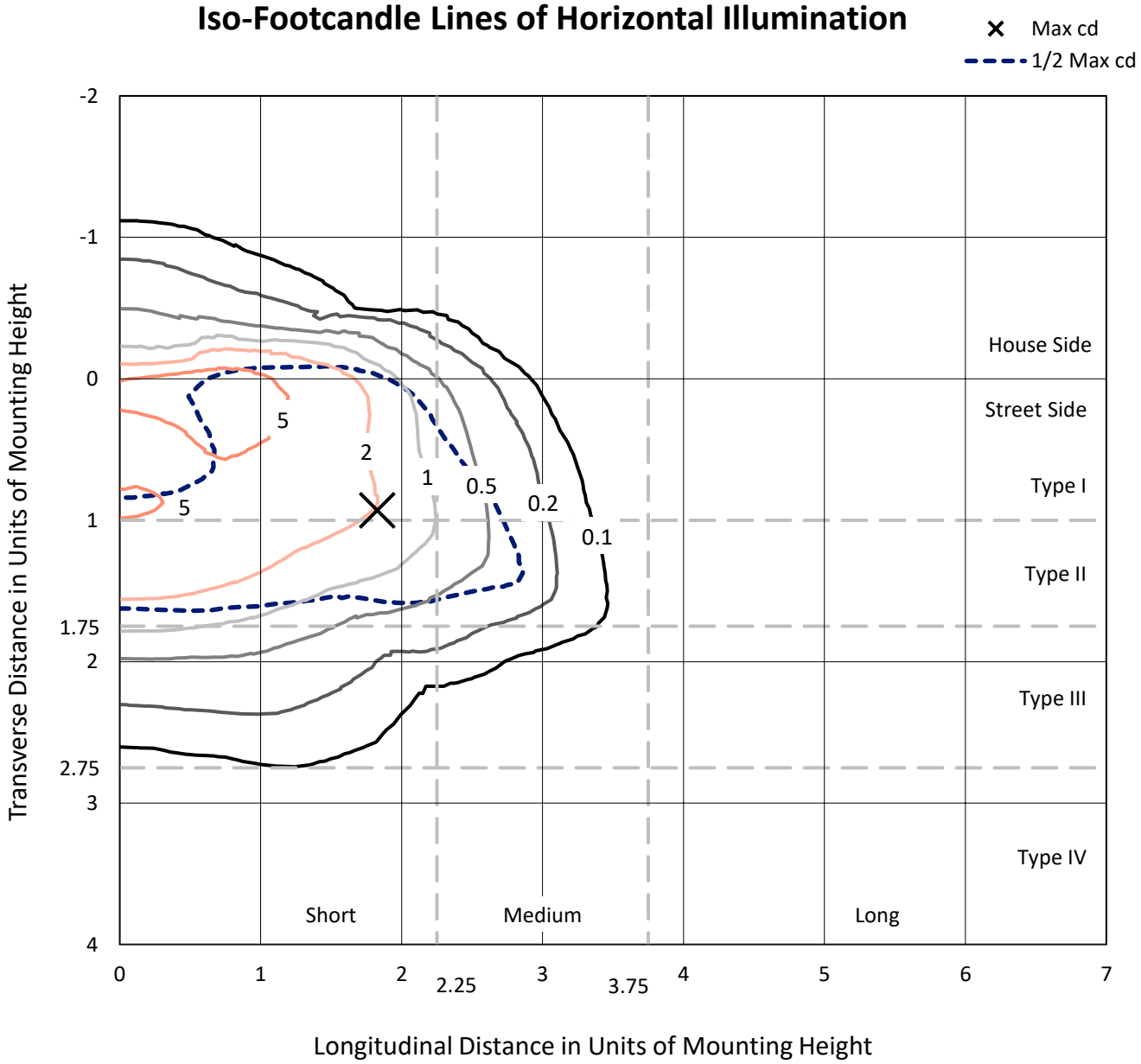
Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 8.7 fc
Type II - Short - N/A

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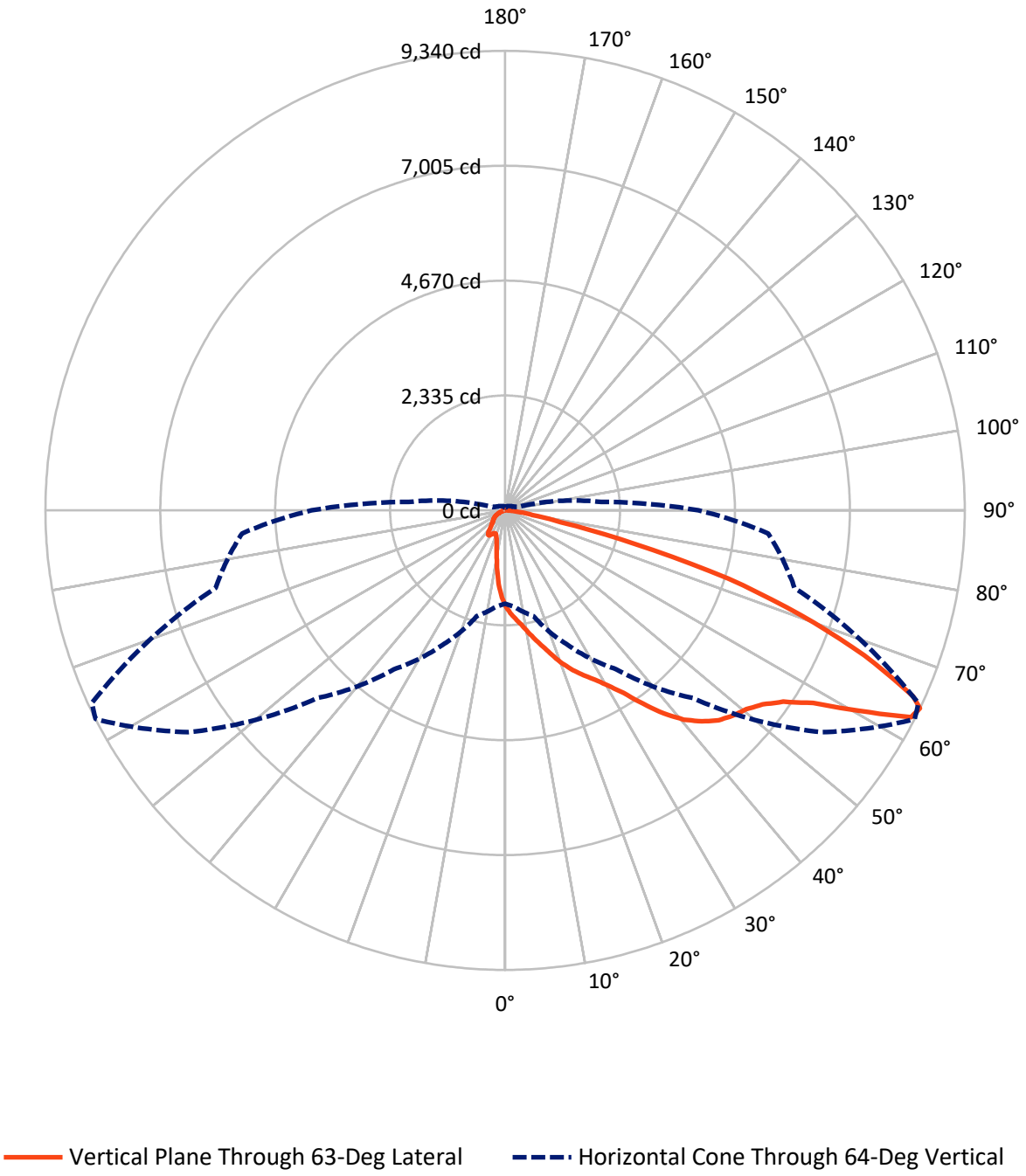
Luminous Intensity Polar Plot



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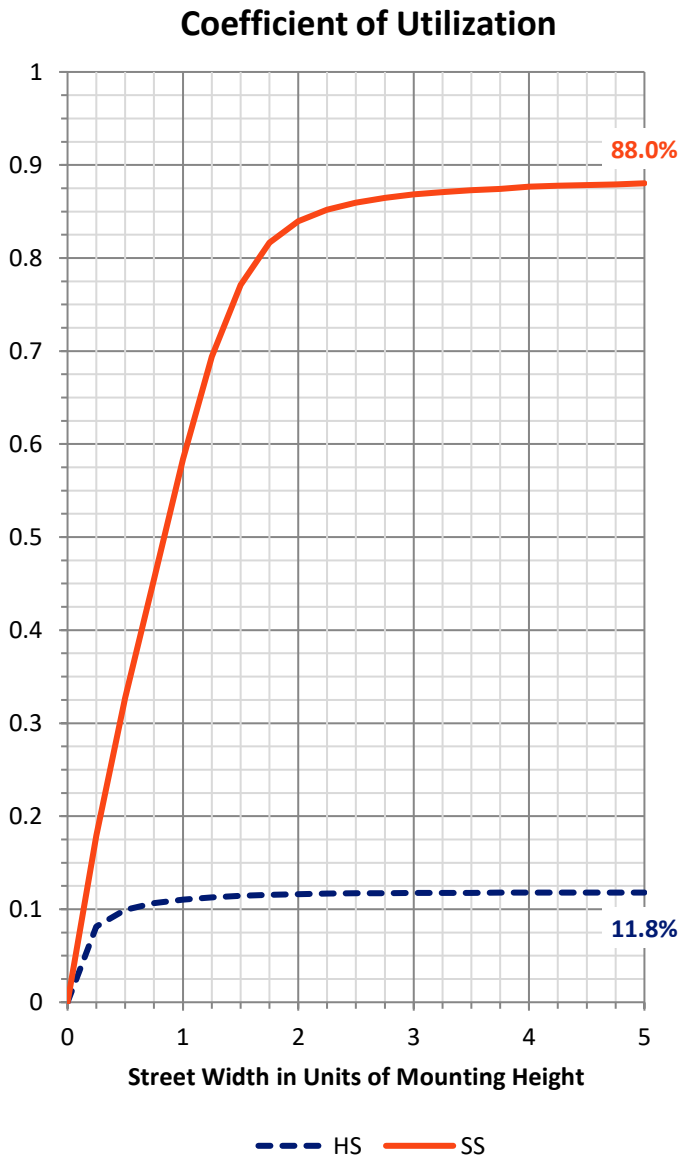
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1433.8	0.0	1433.8
	% Fixture	11.9	0.0	11.9
Street Side	Lumens	10648.8	0.0	10648.8
	% Fixture	88.1	0.0	88.1
Total	Lumens	12082.6	0.0	12082.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	164.5	1.4
10°-20°	462.3	3.8
20°-30°	823.4	6.8
30°-40°	1572.6	13.0
40°-50°	2606.8	21.6
50°-60°	3249.3	26.9
60°-70°	2422.9	20.1
70°-80°	694.9	5.8
80°-90°	85.9	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°	12082.6	100.0
0°-180°	12082.6	100.0



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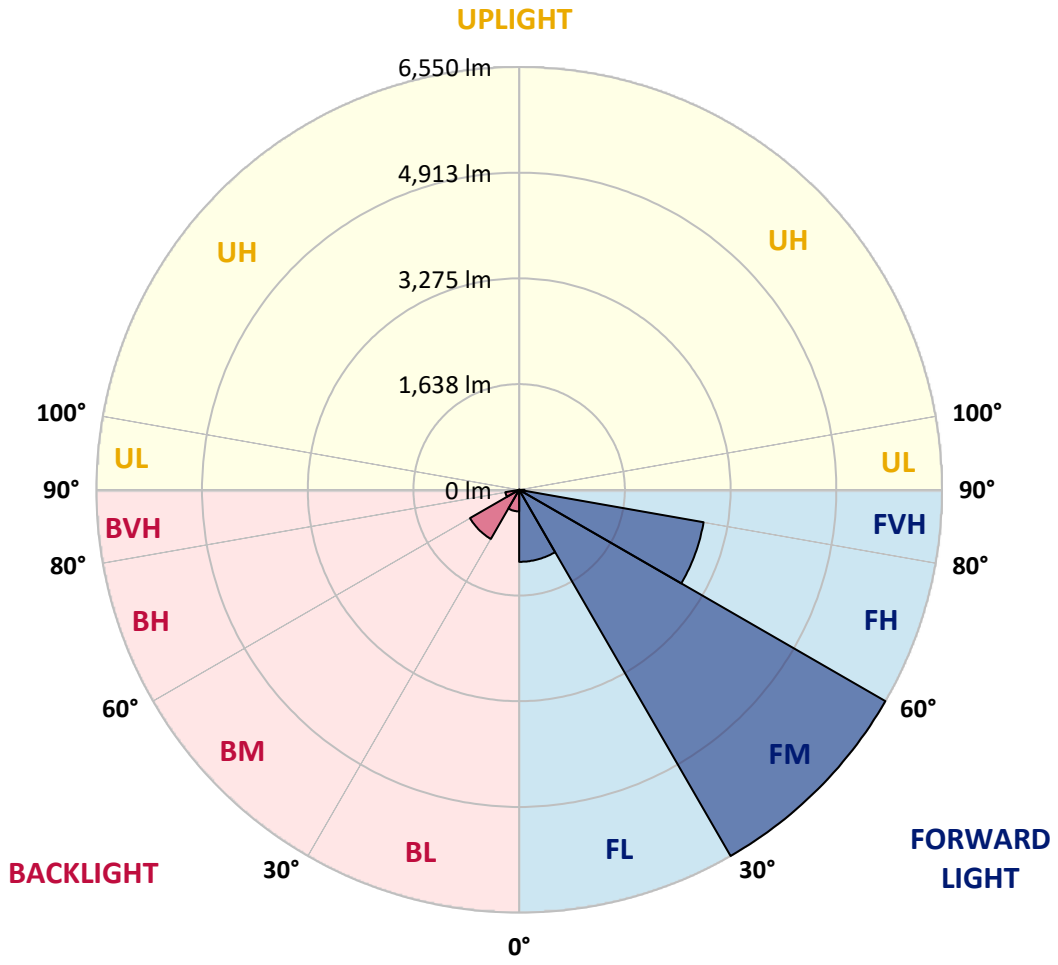
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1115.7	9.2			
FM	(30°-60°)	6550.5	54.2			
FH	(60°-80°)	2900.9	24.0			G2/5000
FVH	(80°-90°)	81.7	0.7			G1/100
BL	(0°-30°)	334.5	2.8	B1/500		
BM	(30°-60°)	878.2	7.3	B1/1000		
BH	(60°-80°)	216.9	1.8	B1/500		G1/500
BVH	(80°-90°)	4.2	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-G2
Type II Short



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REPORT NUMBER: P1457819
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	63°	65°	75°	85°
0°	1953.6	1953.6	1953.6	1953.6	1953.6	1953.6	1953.6	*1953.6*	1953.6	1953.6	1953.6
2.5°	2189.2	2182.0	2174.7	2163.8	2149.3	2134.8	2116.7	*2091.3*	2080.5	2044.2	2000.7
5°	2301.6	2301.6	2297.9	2290.7	2283.4	2269.0	2247.2	*2214.6*	2200.1	2149.3	2073.2
7.5°	2330.6	2334.2	2345.1	2359.6	2381.3	2377.7	2377.7	*2341.4*	2334.2	2279.8	2178.3
10°	2279.8	2283.4	2312.4	2352.3	2417.6	2479.2	2522.7	*2500.9*	2490.0	2435.7	2308.8
12.5°	2207.3	2207.3	2254.5	2316.1	2417.6	2533.5	2660.4	*2682.1*	2685.8	2624.2	2471.9
15°	2018.9	2026.1	2102.2	2225.5	2392.2	2573.4	2787.3	*2870.6*	2892.4	2852.5	2671.3
17.5°	1768.8	1776.0	1852.1	2018.9	2269.0	2573.4	2896.0	*3088.1*	3117.1	3124.3	2925.0
20°	1663.7	1663.7	1707.2	1834.0	2095.0	2504.5	2961.2	*3320.1*	3385.3	3465.0	3204.1
22.5°	1678.2	1678.2	1703.5	1776.0	1986.2	2410.3	3001.1	*3526.7*	3660.8	3863.7	3562.9
25°	1757.9	1757.9	1779.6	1826.8	1997.1	2395.8	3077.2	*3711.5*	3925.4	4309.6	3972.5
27.5°	1884.8	1881.1	1899.2	1946.4	2102.2	2464.7	3204.1	*3896.4*	4135.6	4809.7	4443.7
30°	2069.6	2058.7	2066.0	2120.3	2272.6	2624.2	3388.9	*4132.0*	4374.8	5357.0	4965.6
32.5°	2497.3	2493.7	2388.6	2359.6	2522.7	2881.5	3642.6	*4425.5*	4697.4	5937.0	5502.0
35°	3269.3	3320.1	3171.5	2790.9	2823.5	3225.8	4005.1	*4824.2*	5074.3	6553.1	6085.6
37.5°	4052.2	4052.2	3990.6	3541.2	3312.8	3606.4	4396.5	*5233.8*	5494.8	7049.7	6647.4
40°	4672.0	4704.6	4632.1	4295.1	3997.8	4041.3	4788.0	*5592.6*	5831.9	7354.2	7046.1
42.5°	5132.3	5125.1	5096.1	4875.0	4708.3	4610.4	5143.2	*5860.9*	6089.2	7510.0	7296.2
45°	5628.9	5628.9	5589.0	5407.8	5270.1	5186.7	5407.8	*6085.6*	6324.8	7604.2	7452.0
47.5°	6147.2	6139.9	6100.1	5900.7	5752.1	5628.9	5676.0	*6230.6*	6469.8	7542.6	7477.4
50°	6274.0	6266.8	6357.4	6364.7	6230.6	5995.0	5889.8	*6353.8*	6564.0	7546.3	7557.1
52.5°	6125.4	6168.9	6303.0	6466.1	6618.4	6371.9	6118.2	*6549.5*	6767.0	7647.7	7756.5
55°	5755.7	5773.9	6031.2	6292.2	6647.4	6734.4	6484.3	*6861.2*	7053.3	7745.6	7934.1
57.5°	5067.1	5135.9	5411.4	5864.5	6404.5	6767.0	7122.2	*7383.2*	7528.1	7785.5	7836.2
60°	3823.9	3860.1	4458.2	5045.3	5900.7	6506.0	7716.6	*8267.5*	8249.4	7336.0	7151.2
62.5°	2326.9	2359.6	2787.3	3718.8	4795.2	5962.3	7916.0	*9257.0*	9159.2	6578.5	6020.3
64°	*1895.6*	*1957.2*	*2221.8*	*3019.2*	*3943.5*	*5393.3*	*7858.0*	*9340.4*	*9264.3*	*6089.2*	*5364.3*
65°	1620.2	1703.5	1975.4	2620.5	3352.7	4780.7	7698.5	*9108.4*	9057.7	5792.0	4820.6
67.5°	1018.5	1058.4	1460.7	2037.0	2308.8	3059.1	6618.4	*7876.1*	7966.7	5161.3	3555.7
70°	757.5	775.6	1004.0	1576.7	1801.4	1779.6	4545.2	*6379.2*	6400.9	4128.3	2145.7
72.5°	550.9	554.6	703.2	1167.1	1409.9	1214.2	2395.8	*4740.9*	4585.0	2417.6	1170.7
75°	366.1	380.6	492.9	822.8	1098.2	891.6	1091.0	*2700.3*	2653.2	1181.6	670.5
77.5°	268.2	271.8	333.5	550.9	862.6	656.0	659.7	*1163.5*	1199.7	703.2	424.1
80°	152.2	159.5	217.5	337.1	561.8	449.4	369.7	*561.8*	645.2	478.4	282.7
82.5°	90.6	97.9	155.9	221.1	384.2	184.9	188.5	*308.1*	384.2	344.3	152.2
85°	54.4	58.0	97.9	119.6	228.3	123.2	68.9	*152.2*	199.3	203.0	83.4
87.5°	36.2	36.2	54.4	50.7	65.2	58.0	29.0	*39.9*	50.7	68.9	32.6
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: P1457819
CATALOG NUMBER: GLAN-SB4A-835-U-T2LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1953.6	1953.6	1953.6	1953.6	1953.6	1953.6	1953.6	1953.6	1953.6	1953.6	1953.6
2.5°	1964.5	1942.7	1877.5	1790.5	1710.8	1649.2	1573.0	1522.3	1475.2	1475.2	1435.3
5°	2011.6	1953.6	1794.1	1594.8	1380.9	1178.0	1047.5	902.5	855.4	815.5	822.8
7.5°	2091.3	1986.2	1703.5	1344.7	1004.0	786.5	641.5	576.3	547.3	529.2	532.8
10°	2189.2	2044.2	1594.8	1091.0	739.4	576.3	507.4	482.1	471.2	467.6	467.6
12.5°	2323.3	2113.1	1486.1	877.1	583.5	496.6	460.3	445.8	434.9	427.7	427.7
15°	2482.8	2200.1	1359.2	721.3	511.1	456.7	427.7	413.2	398.7	395.1	395.1
17.5°	2685.8	2290.7	1246.8	619.8	474.8	427.7	398.7	380.6	369.7	366.1	366.1
20°	2910.5	2403.1	1134.5	561.8	449.4	398.7	369.7	355.2	344.3	337.1	340.7
22.5°	3196.8	2544.4	1062.0	532.8	427.7	373.3	344.3	329.8	319.0	311.7	315.3
25°	3512.2	2722.0	1022.1	532.8	413.2	355.2	322.6	308.1	297.2	290.0	290.0
27.5°	3896.4	2921.4	1025.7	554.6	409.6	340.7	304.5	290.0	279.1	268.2	268.2
30°	4320.4	3157.0	1065.6	594.4	416.8	326.2	290.0	268.2	261.0	250.1	250.1
32.5°	4769.9	3428.8	1167.1	645.2	409.6	308.1	268.2	250.1	239.2	232.0	232.0
35°	5244.7	3736.9	1294.0	666.9	373.3	282.7	250.1	232.0	224.7	221.1	217.5
37.5°	5697.7	4005.1	1362.8	623.4	326.2	261.0	228.3	210.2	206.6	199.3	199.3
40°	6049.3	4226.2	1323.0	532.8	300.8	239.2	210.2	192.1	184.9	177.6	177.6
42.5°	6255.9	4305.9	1178.0	453.1	282.7	217.5	192.1	174.0	166.7	163.1	163.1
45°	6375.5	4295.1	1007.6	405.9	264.6	199.3	174.0	163.1	152.2	148.6	145.0
47.5°	6371.9	4182.7	884.4	366.1	246.5	184.9	163.1	152.2	141.4	137.7	137.7
50°	6346.5	4016.0	746.7	337.1	232.0	174.0	152.2	145.0	134.1	130.5	126.9
52.5°	6408.2	3921.7	623.4	319.0	213.8	166.7	148.6	137.7	123.2	119.6	119.6
55°	6484.3	3867.4	500.2	300.8	199.3	163.1	141.4	130.5	116.0	112.4	112.4
57.5°	6263.2	3660.8	413.2	271.8	181.2	155.9	134.1	126.9	112.4	101.5	101.5
60°	5567.3	3026.5	340.7	239.2	166.7	145.0	126.9	116.0	101.5	87.0	87.0
62.5°	4527.0	2308.8	282.7	203.0	155.9	134.1	116.0	105.1	87.0	68.9	68.9
64°	*3932.6*	*1960.9*	*253.7*	*177.6*	*148.6*	*123.2*	*105.1*	*94.2*	*76.1*	*58.0*	*54.4*
65°	3526.7	1732.5	235.6	166.7	145.0	116.0	101.5	90.6	68.9	54.4	50.7
67.5°	2482.8	1163.5	188.5	137.7	126.9	97.9	87.0	76.1	61.6	47.1	43.5
70°	1446.2	659.7	148.6	116.0	97.9	76.1	72.5	68.9	54.4	36.2	36.2
72.5°	786.5	329.8	112.4	94.2	76.1	54.4	61.6	54.4	43.5	29.0	25.4
75°	482.1	203.0	83.4	68.9	50.7	39.9	47.1	39.9	25.4	18.1	14.5
77.5°	322.6	130.5	61.6	47.1	32.6	25.4	32.6	21.7	10.9	3.6	3.6
80°	199.3	90.6	39.9	29.0	18.1	10.9	7.2	3.6	3.6	0.0	0.0
82.5°	87.0	58.0	21.7	14.5	7.2	3.6	3.6	0.0	0.0	0.0	0.0
85°	47.1	18.1	7.2	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	14.5	7.2	3.6	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: SP1-2407-184-10

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-835-U-5WQ

Data in this report applies to families of products including GSS-SB1A-835-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

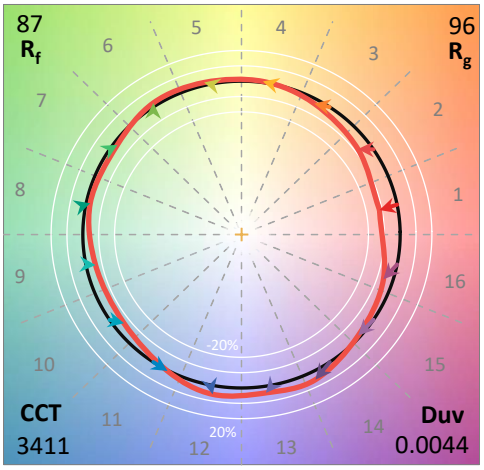
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-10
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-835-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K):	3411
CIE u':	0.2360
CIE v':	0.5189
Duv:	0.0044
CIE x:	0.4154
CIE y:	0.4059
CIE z:	0.1787
Peak Wavelength (nm):	601
Dominant Wavelength (nm):	579
Purity:	46.51914
Rf:	86.6
Rg:	95.9

CRI (Ra):	83.5
R1:	81.1
R2:	88.9
R3:	97.2
R4:	83.8
R5:	81.7
R6:	86.9
R7:	86.1
R8:	62.2
R9:	6.3
R10:	75.4
R11:	84.1
R12:	69.7
R13:	82.8
R14:	98.5
R15:	72.6



Test Conditions

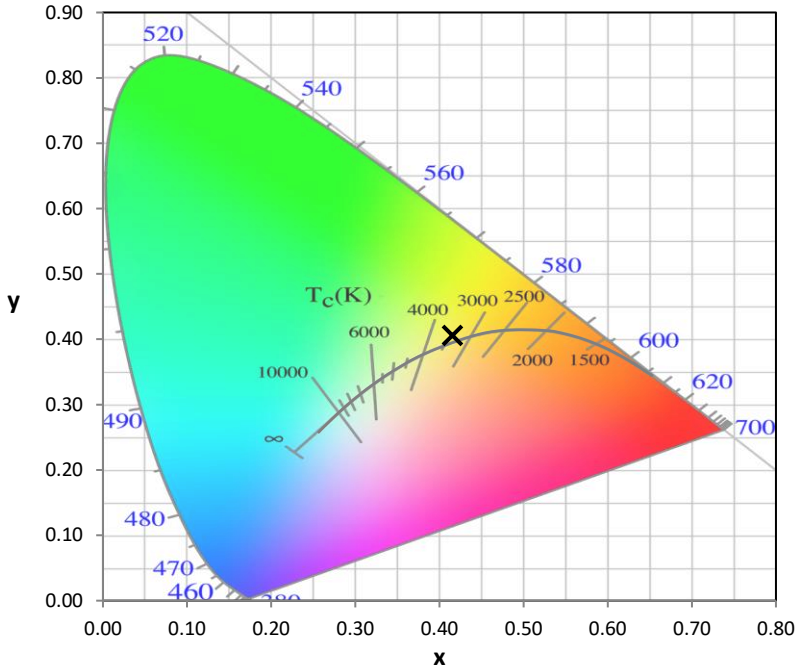
Stabilization Time:	35M
Operation Time:	1H 35M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-10

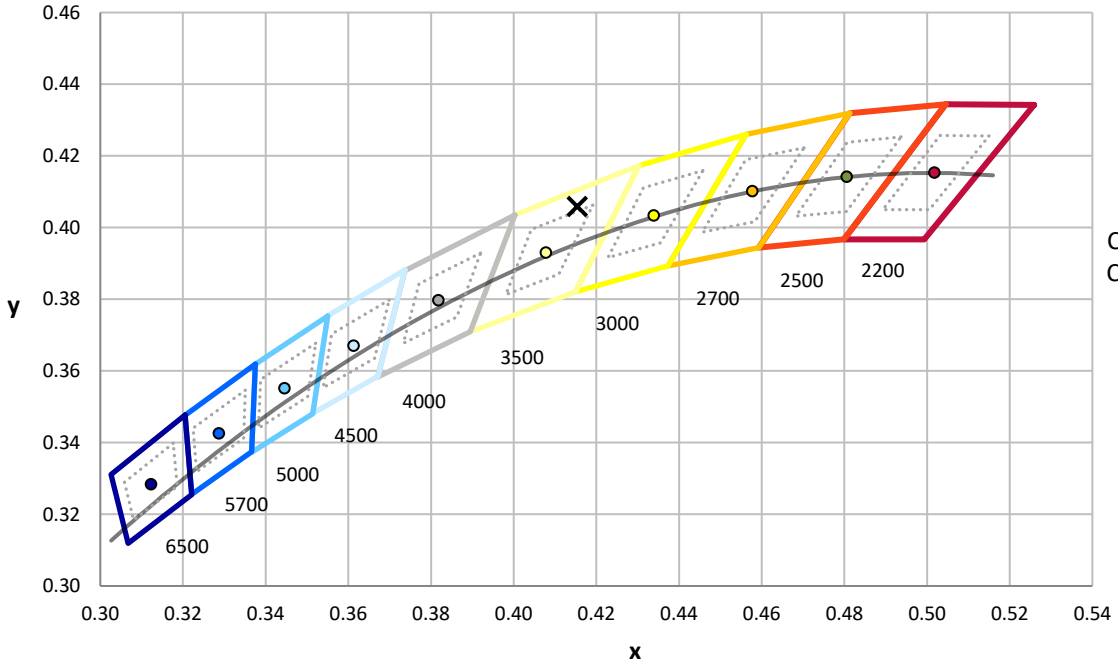
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

REPORT NUMBER: SP1-2407-184-10

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles

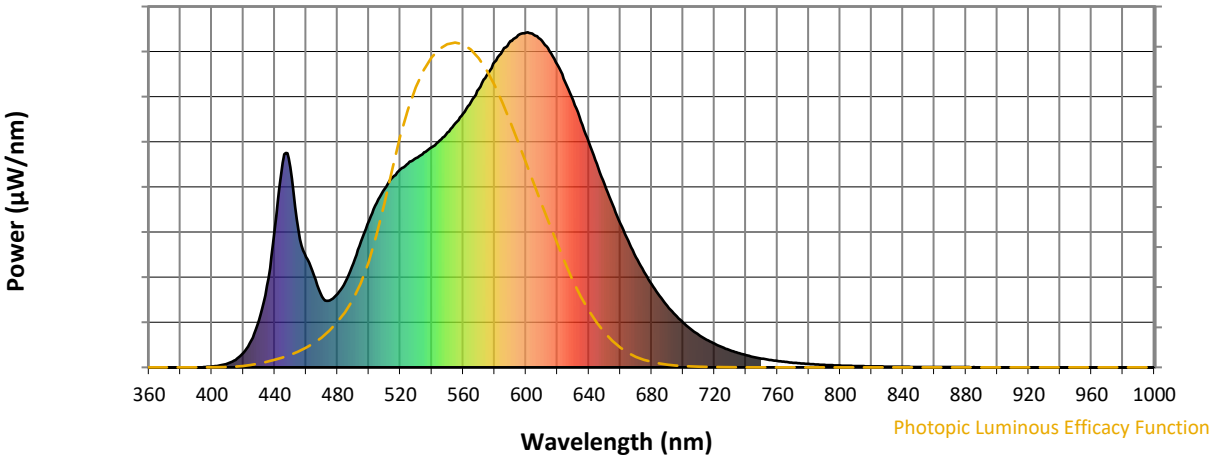


CCT = 3411K
CIE x = 0.4154
CIE y = 0.4059
Duv = 0.0044

Point lies inside the ANSI 3500K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-10

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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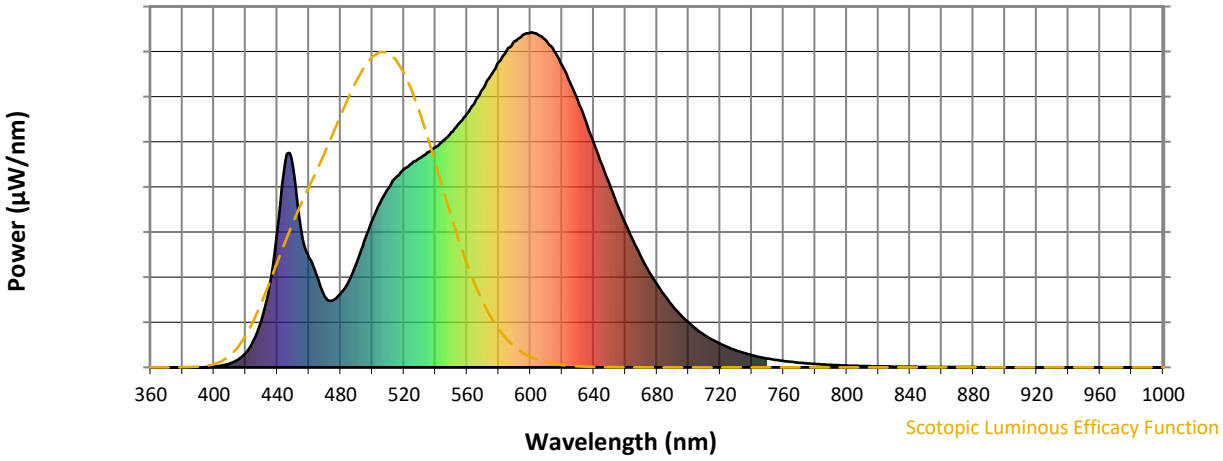
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.48**

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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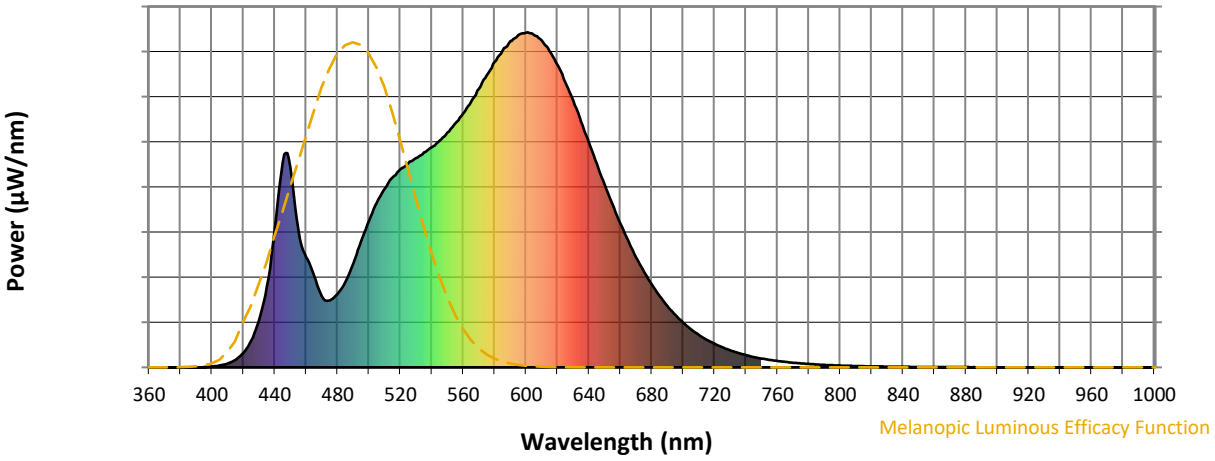
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.88**

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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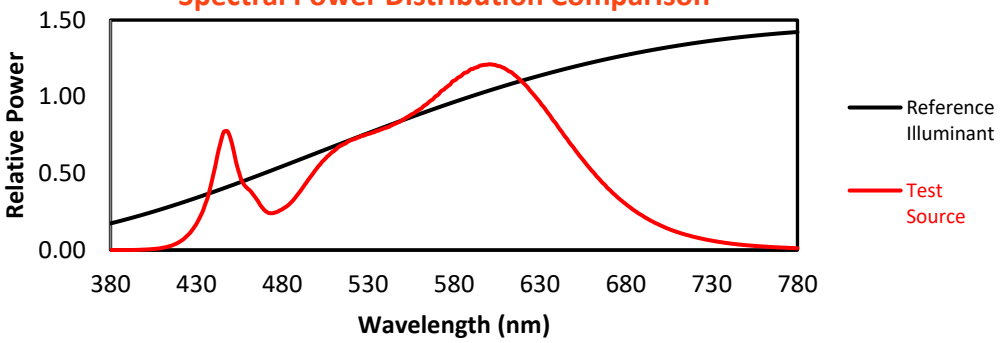
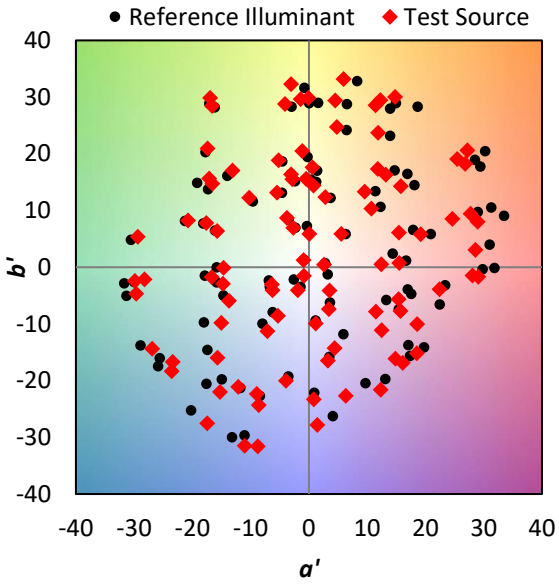
Summary

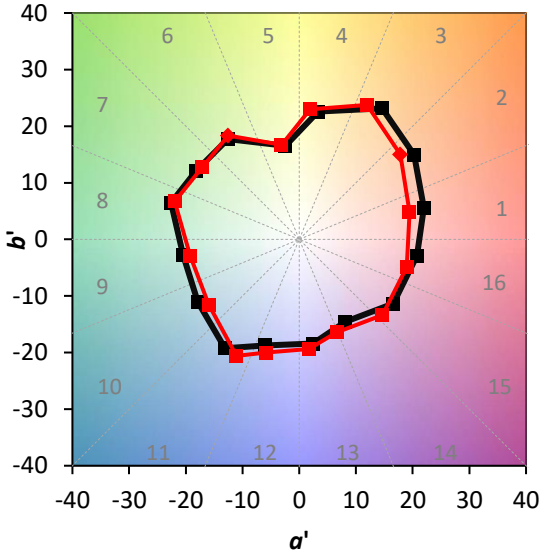
R_f = 86.6
R_g = 95.9
CIE R_a = 83.5
R_9 = 6.3

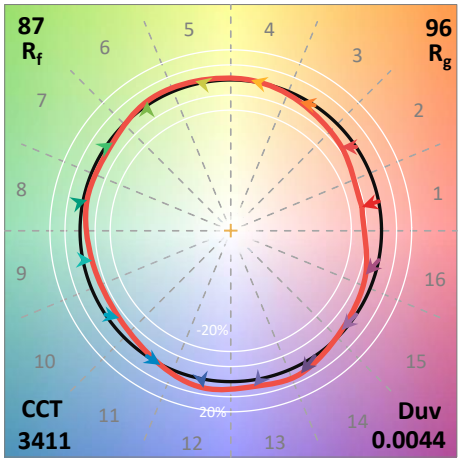
Spectral Power Distribution Comparison

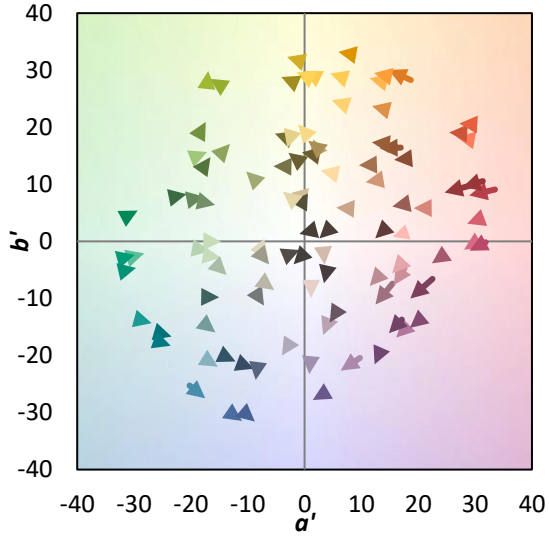


Color Vector Graphics









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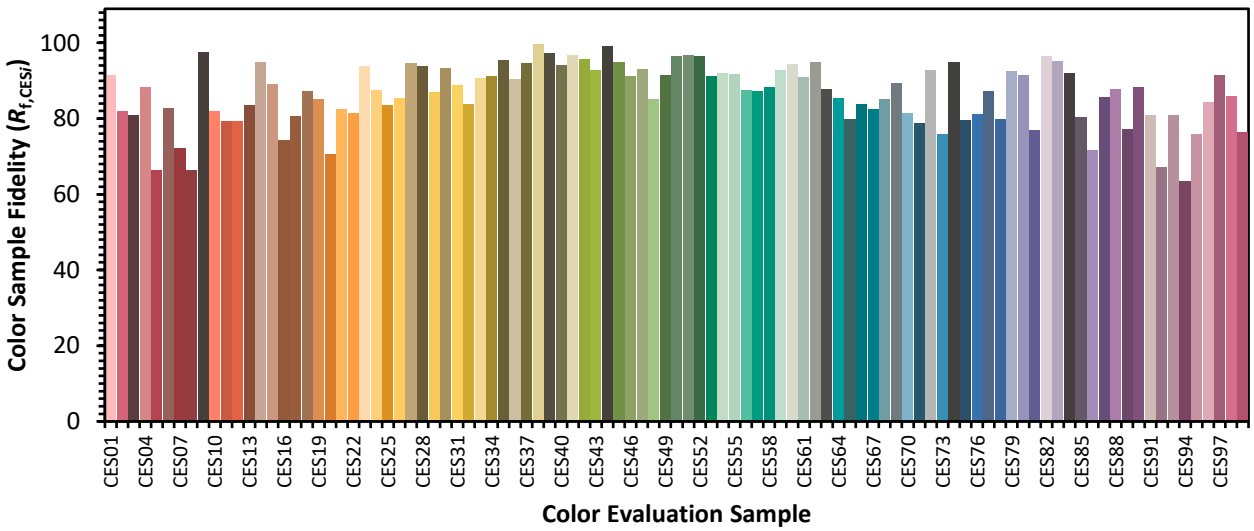
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82 = 96
CES08 = 40	CES33 = 91	CES58 = 88	CES83 = 95
CES09 = 29	CES34 = 91	CES59 = 93	CES84 = 92
CES10 = 75	CES35 = 95	CES60 = 94	CES85 = 80
CES11 = 58	CES36 = 90	CES61 = 91	CES86 = 72
CES12 = 64	CES37 = 95	CES62 = 95	CES87 = 86
CES13 = 43	CES38 = 100	CES63 = 88	CES88 = 88
CES14 = 74	CES39 = 97	CES64 = 85	CES89 = 77
CES15 = 71	CES40 = 94	CES65 = 80	CES90 = 88
CES16 = 47	CES41 = 97	CES66 = 84	CES91 = 81
CES17 = 49	CES42 = 96	CES67 = 82	CES92 = 67
CES18 = 56	CES43 = 93	CES68 = 85	CES93 = 81
CES19 = 72	CES44 = 99	CES69 = 89	CES94 = 63
CES20 = 66	CES45 = 95	CES70 = 81	CES95 = 76
CES21 = 86	CES46 = 91	CES71 = 79	CES96 = 84
CES22 = 78	CES47 = 93	CES72 = 93	CES97 = 92
CES23 = 91	CES48 = 85	CES73 = 76	CES98 = 86
CES24 = 90	CES49 = 92	CES74 = 95	CES99 = 77
CES25 = 72	CES50 = 96	CES75 = 80	



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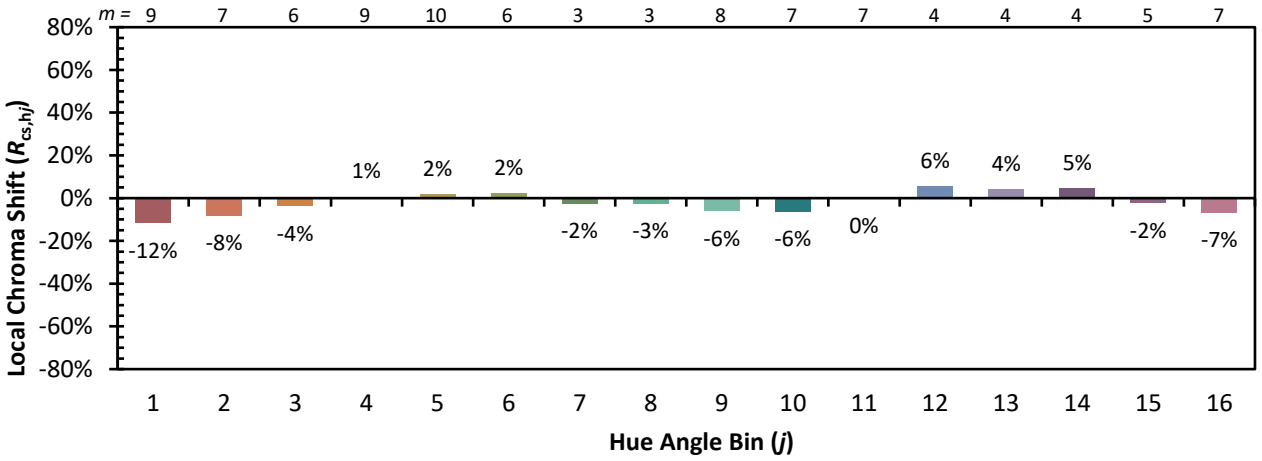
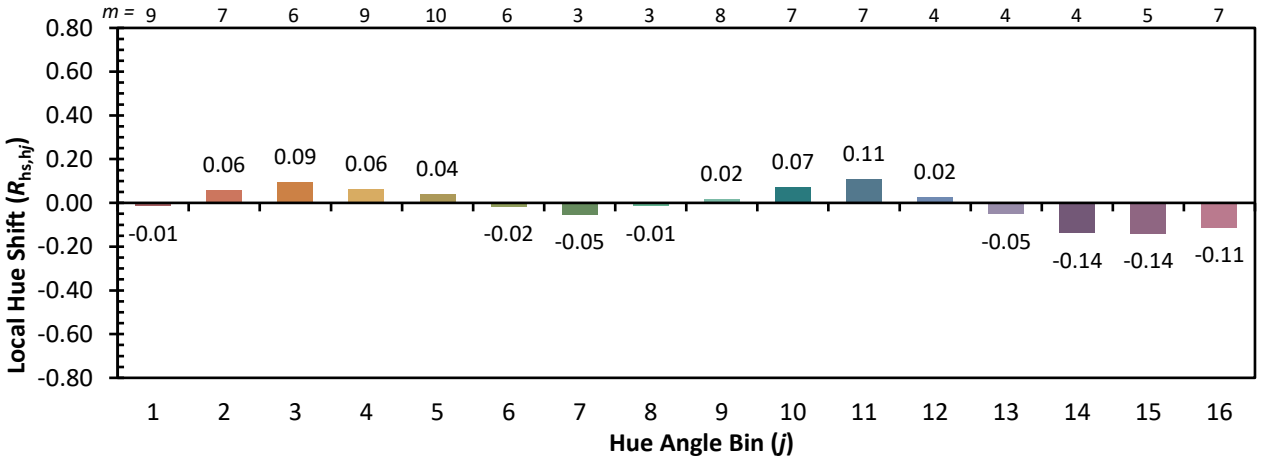
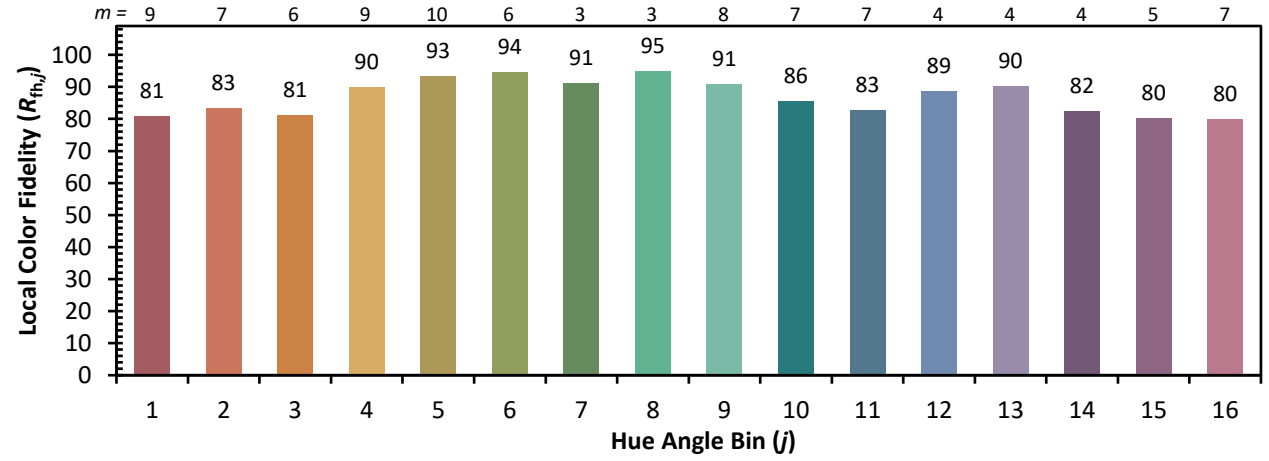
Color Rendition by Hue-Angle Bin







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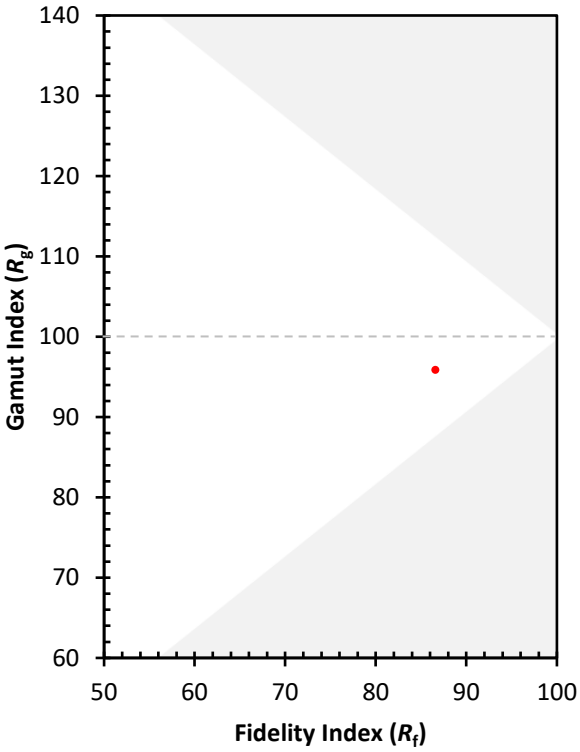
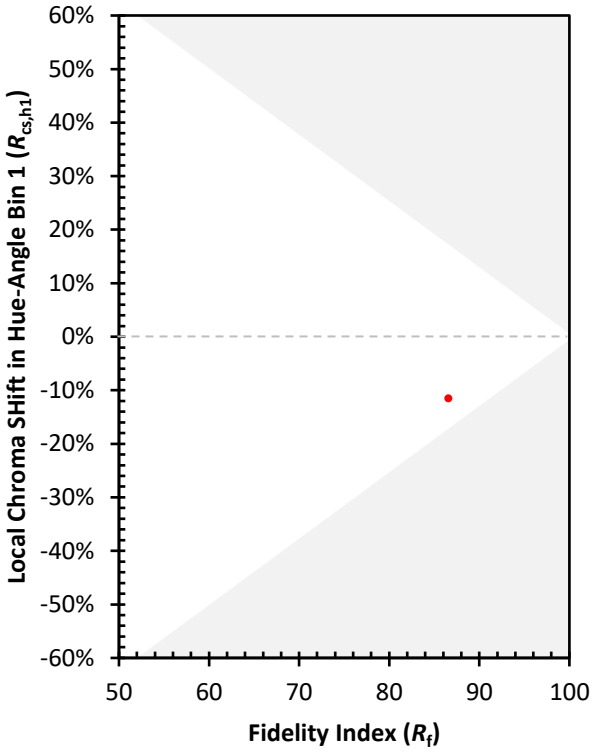
Measure Comparisons





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