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: P1458395

Luminaire Tested: GLAN-SB4A-835-U-T3LG-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:	P1458395
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB4A-835-U-T3LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 4xLight Square PACKAGE 80CRI 3500K FIXTURE w/ TYPE III 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:	12749.3 lumens
Efficiency:	N/A
Efficacy:	111.8 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type III - 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: P1458395
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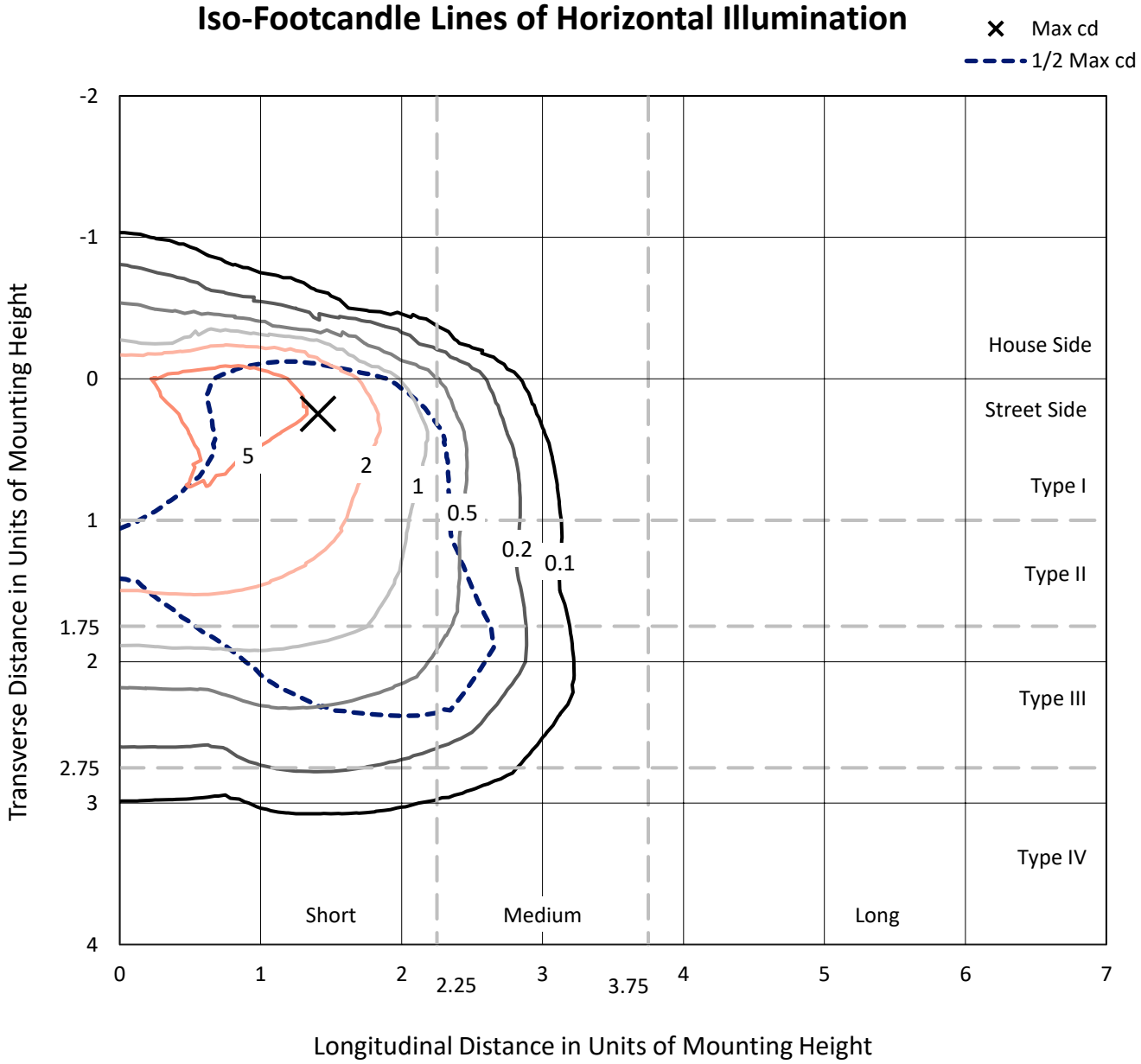
Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 7.9 fc
Type III - Short - N/A

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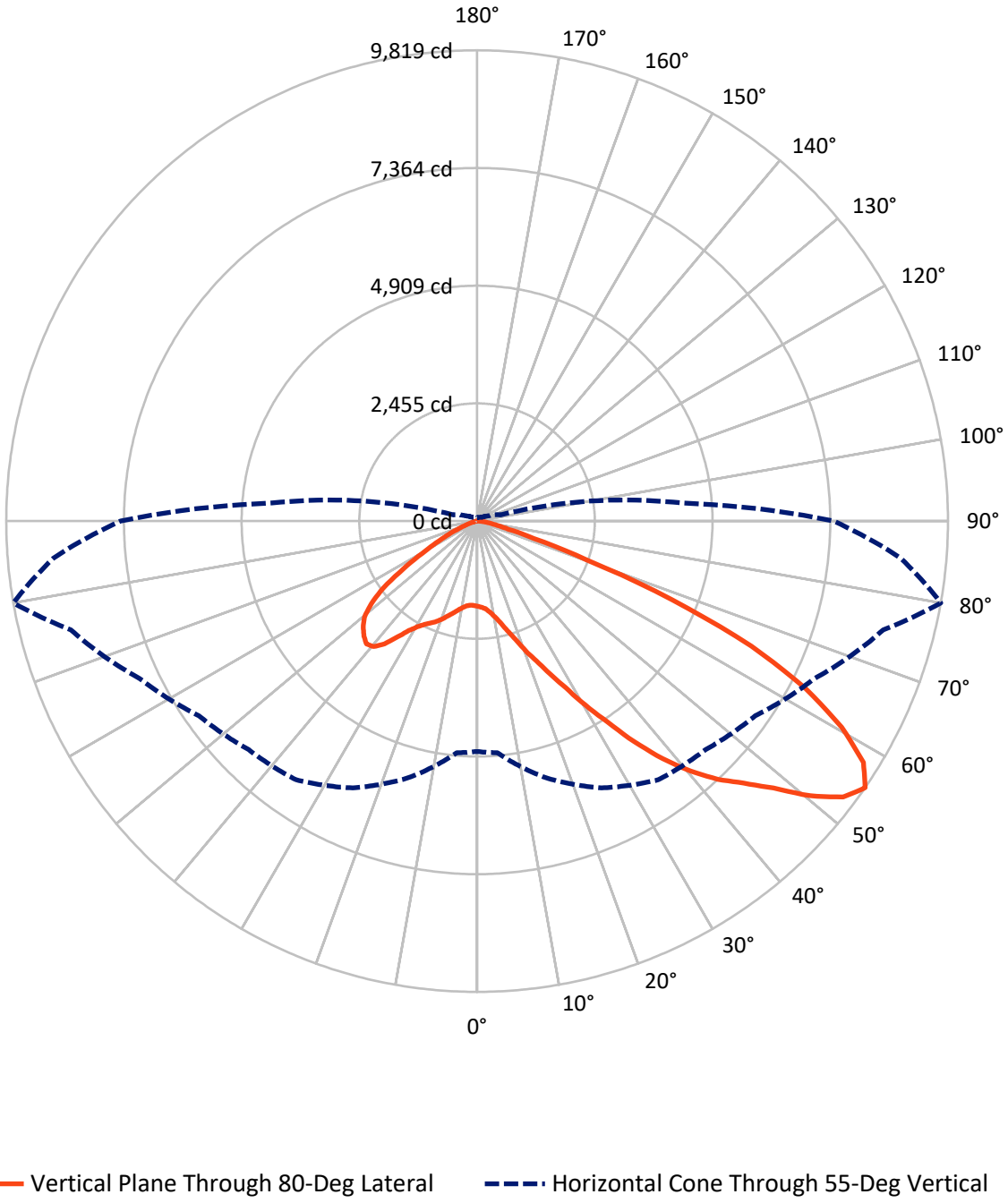
Luminous Intensity Polar Plot



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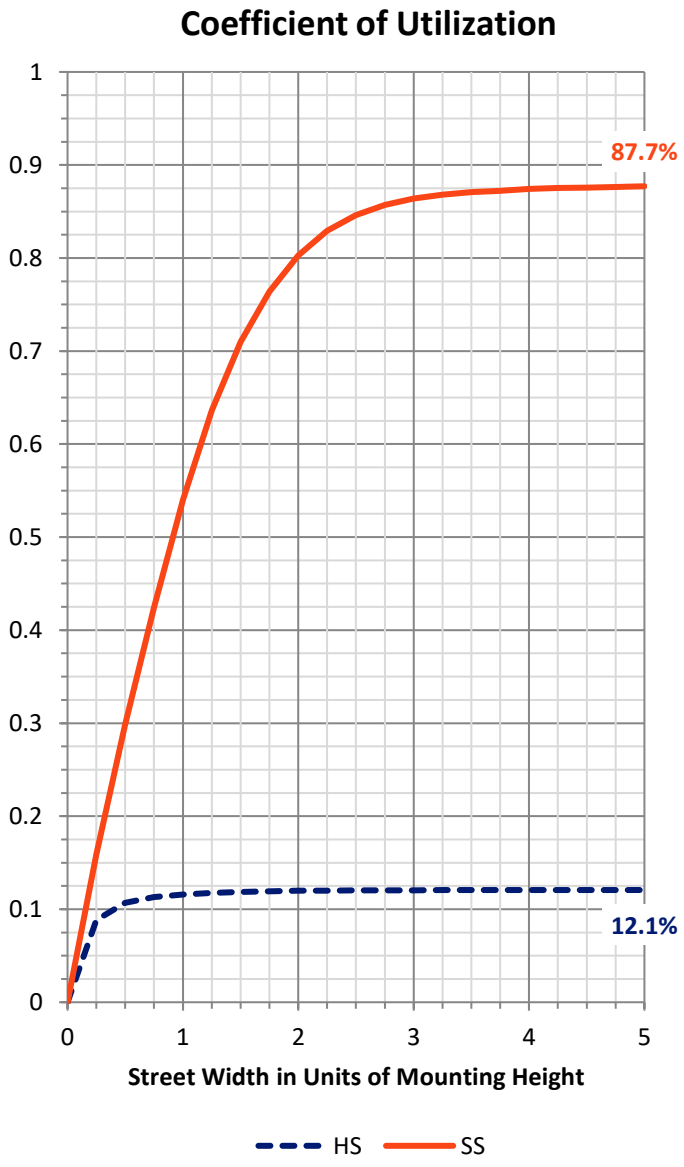
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1549.8	0.0	1549.8
	% Fixture	12.2	0.0	12.2
Street Side	Lumens	11199.5	0.0	11199.5
	% Fixture	87.8	0.0	87.8
Total	Lumens	12749.3	0.0	12749.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	149.0	1.2
10°-20°	392.9	3.1
20°-30°	769.2	6.0
30°-40°	1564.9	12.3
40°-50°	2638.2	20.7
50°-60°	3370.9	26.4
60°-70°	2877.9	22.6
70°-80°	919.7	7.2
80°-90°	66.4	0.5
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°	12749.3	100.0
0°-180°	12749.3	100.0



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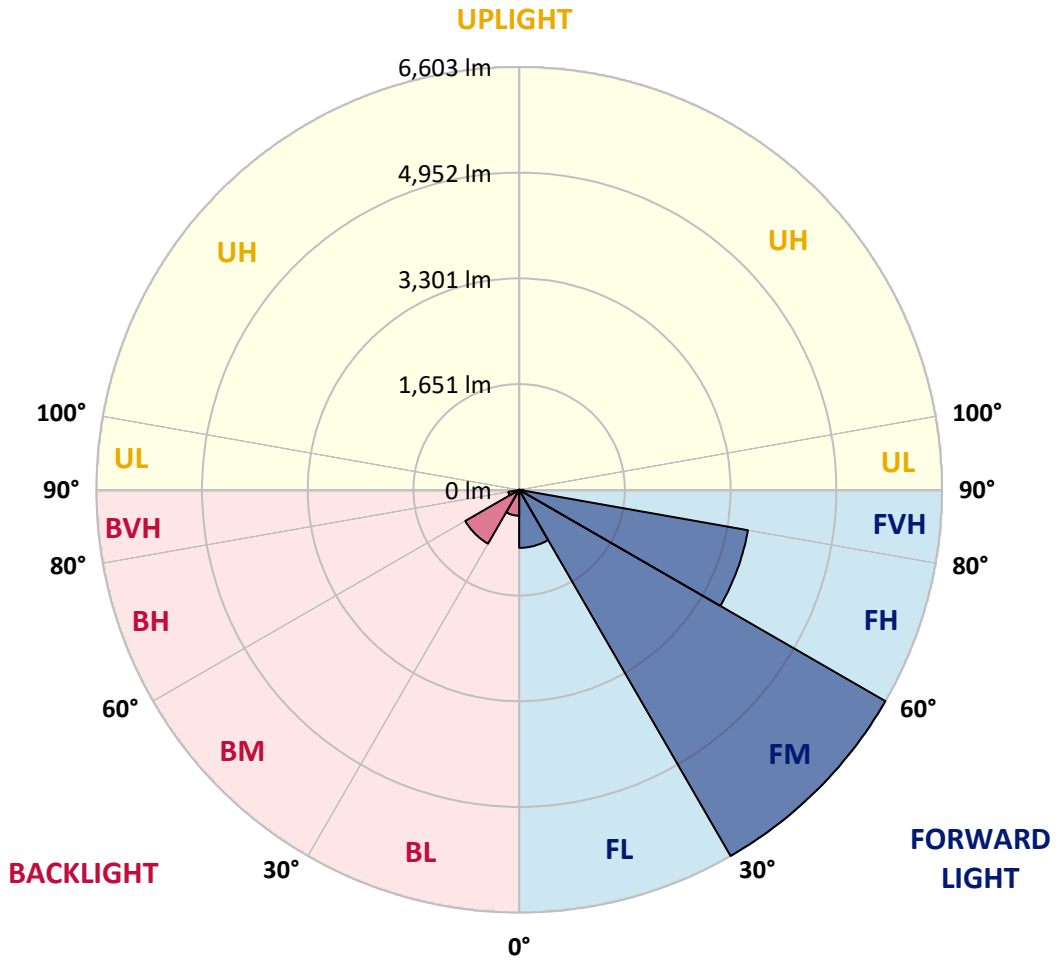
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	906.5	7.1			
FM	(30°-60°)	6602.8	51.8			
FH	(60°-80°)	3627.3	28.5			G2/5000
FVH	(80°-90°)	62.9	0.5			G1/100
BL	(0°-30°)	404.7	3.2	B1/500		
BM	(30°-60°)	971.3	7.6	B1/1000		
BH	(60°-80°)	170.3	1.3	B1/500		G1/500
BVH	(80°-90°)	3.5	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 III Short



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REPORT NUMBER: P1458395
CATALOG NUMBER: GLAN-SB4A-835-U-T3LG-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	1776.0	1776.0	1776.0	1776.0	1776.0	1776.0	1776.0	1776.0	1776.0	*1776.0*	1776.0
2.5°	1786.8	1790.5	1786.8	1790.5	1797.7	1794.1	1808.6	1804.9	1804.9	*1801.3*	1786.8
5°	1685.3	1689.0	1696.2	1714.3	1739.7	1765.1	1797.7	1819.4	1841.2	*1837.6*	1823.1
7.5°	1486.0	1493.3	1522.2	1558.5	1641.9	1718.0	1801.3	1855.7	1902.8	*1917.3*	1906.4
10°	1373.6	1380.9	1399.0	1435.3	1511.4	1638.2	1801.3	1913.7	1997.0	*2026.0*	2029.7
12.5°	1362.8	1366.4	1380.9	1420.8	1486.0	1594.7	1797.7	1989.8	2131.1	*2174.6*	2189.1
15°	1370.0	1377.3	1391.8	1424.4	1500.5	1623.7	1826.7	2109.4	2308.7	*2370.4*	2374.0
17.5°	1399.0	1406.3	1424.4	1460.6	1544.0	1699.8	1917.3	2232.6	2522.6	*2591.4*	2631.3
20°	1457.0	1460.6	1482.4	1529.5	1623.7	1794.1	2051.4	2399.4	2779.9	*2881.4*	2910.4
22.5°	1533.1	1544.0	1573.0	1631.0	1750.6	1924.6	2236.3	2602.3	3062.6	*3167.7*	3218.5
25°	1616.5	1631.0	1674.5	1768.7	1920.9	2123.9	2464.6	2870.5	3396.1	*3522.9*	3591.8
27.5°	1786.8	1790.5	1819.4	1939.1	2134.8	2384.9	2754.5	3214.8	3787.5	*3936.1*	4012.2
30°	2160.1	2163.8	2138.4	2171.0	2370.4	2692.9	3095.2	3617.1	4244.2	*4450.8*	4512.4
32.5°	2616.8	2634.9	2631.3	2609.6	2700.2	3001.0	3501.2	4099.2	4780.6	*4998.0*	5056.0
35°	3135.1	3178.6	3167.7	3160.5	3171.3	3396.1	3965.1	4632.0	5389.5	*5654.1*	5701.2
37.5°	3642.5	3653.4	3704.1	3765.7	3773.0	3928.8	4501.5	5197.4	5954.9	*6292.0*	6364.4
40°	4034.0	4070.2	4197.1	4320.3	4447.1	4570.4	4943.7	5654.1	6404.3	*6857.4*	6890.0
42.5°	4338.4	4425.4	4610.2	4802.3	5059.7	5197.4	5364.1	5976.6	6770.4	*7361.1*	7346.7
45°	4708.1	4744.3	5005.3	5259.0	5520.0	5730.2	5726.5	6248.5	7056.7	*7792.5*	7701.8
47.5°	4958.2	5001.7	5356.9	5654.1	5922.3	6027.4	6049.1	6542.0	7451.8	*8314.4*	8100.5
50°	5092.3	5168.4	5556.2	5933.1	6223.1	6255.7	6353.6	6926.2	7970.0	*9006.6*	8604.3
52.5°	5106.8	5179.3	5625.1	6110.7	6426.1	6491.3	6658.0	7361.1	8473.8	*9561.2*	8894.3
55°	*4805.9*	*4849.4*	*5541.7*	*6139.7*	*6585.5*	*6737.8*	*7078.4*	*7763.5*	*8767.4*	*9818.5*	*8868.9*
57.5°	4523.2	4566.7	5168.4	6089.0	6748.6	7060.3	7527.9	8038.9	8539.1	*9499.5*	8303.5
60°	4280.4	4302.2	4849.4	5853.4	6810.2	7375.6	7915.7	7767.1	7948.3	*8734.8*	7335.8
62.5°	3823.7	3838.2	4487.0	5429.3	6687.0	7618.5	8049.8	7190.8	7299.5	*7680.1*	6197.7
65°	2888.6	2943.0	3537.4	5110.4	6484.0	7730.8	7738.1	6487.7	6375.3	*6284.7*	4874.8
67.5°	1960.8	2022.4	2381.2	4595.7	6154.2	7778.0	7132.8	5577.9	4856.7	*4389.1*	3193.1
70°	1565.7	1565.7	1689.0	3693.3	5371.4	7176.3	6382.6	4211.5	3084.4	*2424.7*	1710.7
72.5°	1029.3	1033.0	1148.9	2345.0	3809.2	5472.8	5204.6	2435.6	1602.0	*1235.9*	844.5
75°	373.3	373.3	503.8	938.7	2015.2	3258.3	3171.3	1163.4	869.9	*674.1*	511.0
77.5°	199.3	206.6	242.8	387.8	772.0	1326.5	1239.5	594.4	492.9	*420.4*	318.9
80°	134.1	137.7	163.1	239.2	373.3	511.0	398.7	333.4	333.4	*282.7*	213.8
82.5°	72.5	76.1	108.7	155.8	199.3	239.2	192.1	195.7	235.6	*192.1*	123.2
85°	50.7	50.7	83.4	112.4	112.4	116.0	83.4	123.2	137.7	*119.6*	83.4
87.5°	29.0	29.0	47.1	54.4	54.4	50.7	25.4	43.5	54.4	*61.6*	36.2
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: P1458395
CATALOG NUMBER: GLAN-SB4A-835-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1776.0	1776.0	1776.0	1776.0	1776.0	1776.0	1776.0	1776.0	1776.0	1776.0	1776.0
2.5°	1783.2	1772.3	1750.6	1707.1	1685.3	1656.3	1631.0	1598.4	1591.1	1587.5	1573.0
5°	1812.2	1790.5	1725.2	1631.0	1551.2	1475.1	1399.0	1355.5	1319.3	1301.2	1297.5
7.5°	1884.7	1841.2	1721.6	1554.9	1406.3	1275.8	1163.4	1065.6	1014.8	971.3	975.0
10°	1993.4	1924.6	1728.8	1482.4	1261.3	1051.1	888.0	746.6	645.1	598.0	594.4
12.5°	2138.4	2040.5	1754.2	1409.9	1083.7	790.1	583.5	500.2	478.4	474.8	471.2
15°	2316.0	2178.3	1779.6	1315.7	844.5	547.3	474.8	456.7	453.0	449.4	449.4
17.5°	2529.8	2337.7	1794.1	1156.2	616.1	471.2	445.8	434.9	431.3	427.7	427.7
20°	2798.0	2515.3	1812.2	953.2	521.9	453.0	424.1	409.6	405.9	405.9	402.3
22.5°	3062.6	2714.7	1797.7	775.6	503.8	431.3	398.7	384.2	376.9	376.9	373.3
25°	3367.1	2917.6	1754.2	699.5	500.2	413.2	373.3	351.6	340.7	337.1	337.1
27.5°	3715.0	3149.6	1685.3	703.1	500.2	398.7	340.7	311.7	304.4	297.2	297.2
30°	4113.7	3432.3	1634.6	750.3	507.4	384.2	311.7	275.5	264.6	257.3	261.0
32.5°	4570.4	3747.6	1631.0	826.4	518.3	362.4	279.1	239.2	228.3	224.7	228.3
35°	5088.7	4139.1	1714.3	884.4	489.3	315.3	239.2	206.6	195.7	195.7	199.3
37.5°	5664.9	4588.5	1826.7	869.9	395.1	250.1	206.6	181.2	170.3	174.0	177.6
40°	6190.5	4940.1	1844.8	743.0	297.2	213.8	177.6	159.5	152.2	155.8	159.5
42.5°	6589.2	5222.8	1670.8	576.3	250.1	181.2	152.2	137.7	134.1	141.4	141.4
45°	6911.7	5335.1	1395.4	427.7	221.1	155.8	134.1	126.9	119.6	123.2	123.2
47.5°	7248.8	5353.2	1138.1	344.3	195.7	141.4	123.2	116.0	108.7	108.7	108.7
50°	7575.0	5309.7	869.9	304.4	181.2	126.9	112.4	105.1	97.9	94.2	94.2
52.5°	7654.7	4961.8	637.9	282.7	166.7	119.6	105.1	97.9	90.6	87.0	87.0
55°	*7433.6*	*4302.2*	*500.2*	*253.7*	*152.2*	*108.7*	*97.9*	*90.6*	*79.7*	*76.1*	*76.1*
57.5°	6705.1	3280.1	398.7	217.5	137.7	105.1	90.6	83.4	72.5	68.9	68.9
60°	5759.2	2326.9	322.6	177.6	126.9	94.2	83.4	72.5	65.2	58.0	58.0
62.5°	4711.7	1670.8	261.0	148.6	119.6	83.4	76.1	65.2	50.7	39.9	39.9
65°	3613.5	1199.7	203.0	119.6	108.7	72.5	65.2	54.4	39.9	29.0	29.0
67.5°	2337.7	775.6	152.2	105.1	83.4	61.6	50.7	43.5	36.2	25.4	21.7
70°	1232.3	453.0	112.4	90.6	61.6	47.1	43.5	36.2	29.0	18.1	18.1
72.5°	637.9	297.2	83.4	79.7	47.1	32.6	36.2	29.0	21.7	10.9	10.9
75°	409.6	199.3	61.6	65.2	29.0	25.4	25.4	18.1	10.9	7.2	3.6
77.5°	264.6	134.1	43.5	54.4	18.1	14.5	14.5	7.2	3.6	0.0	0.0
80°	155.8	83.4	29.0	36.2	7.2	7.2	3.6	0.0	0.0	0.0	0.0
82.5°	79.7	43.5	14.5	14.5	3.6	0.0	0.0	0.0	0.0	0.0	0.0
85°	50.7	21.7	3.6	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	25.4	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

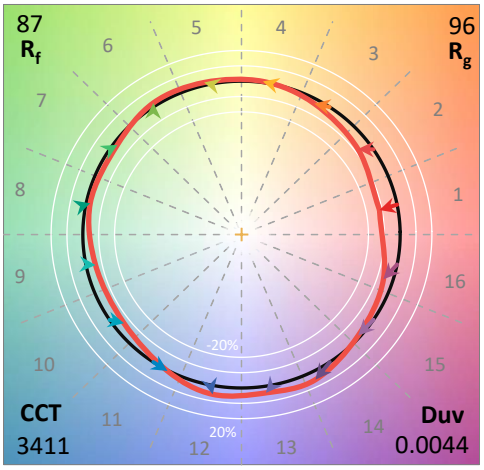
Test Information

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

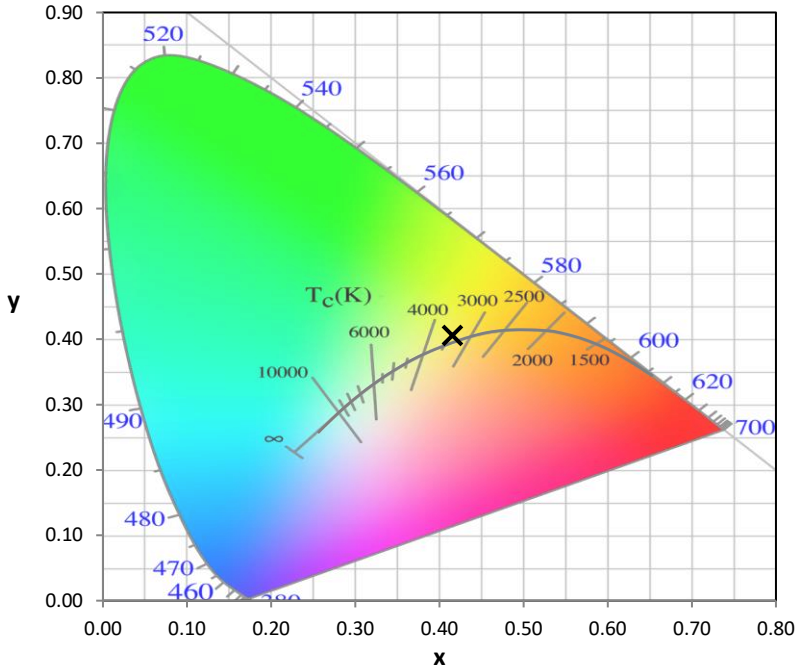
Stabilization Time:	35M
Operation Time:	1H 35M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-10

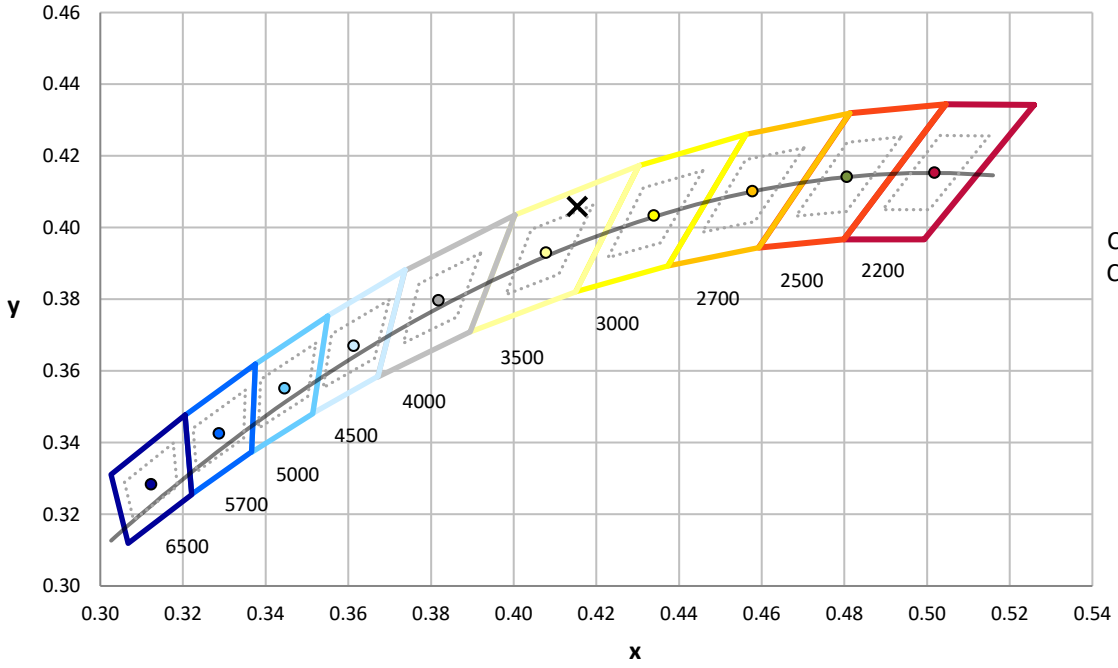
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

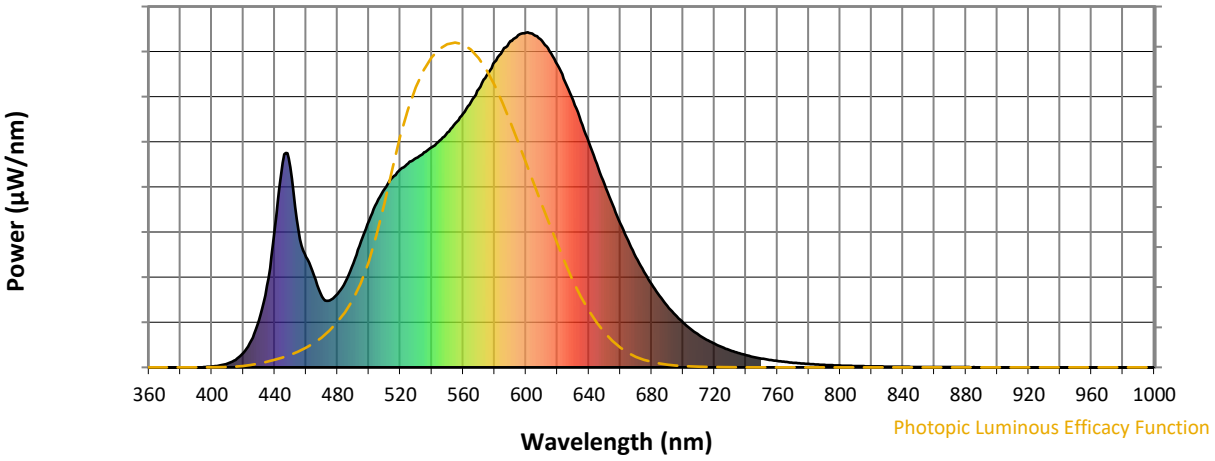


CCT = 3411K
CIE x = 0.4154
CIE y = 0.4059
Duv = 0.0044

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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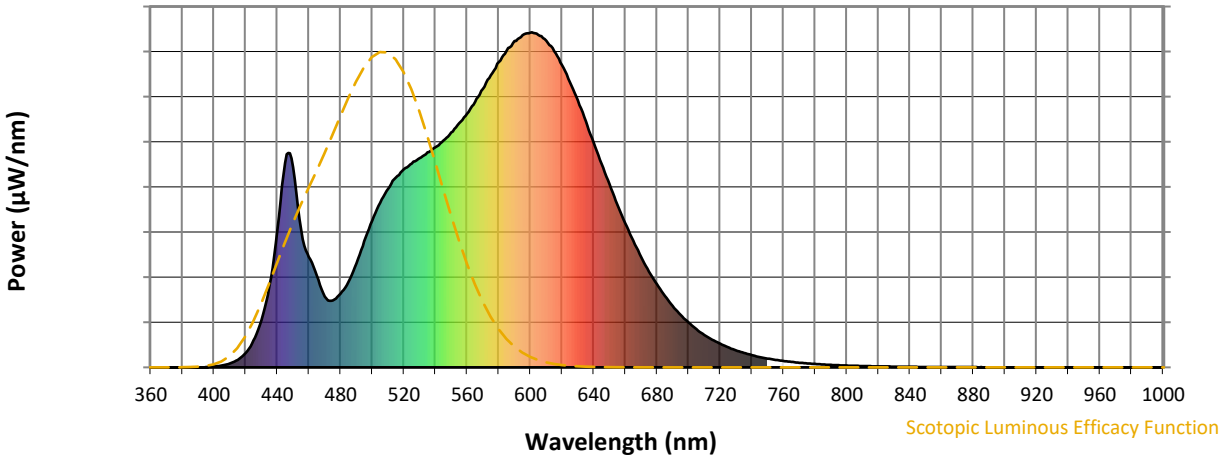
Scotopic Flux vs. Wavelength



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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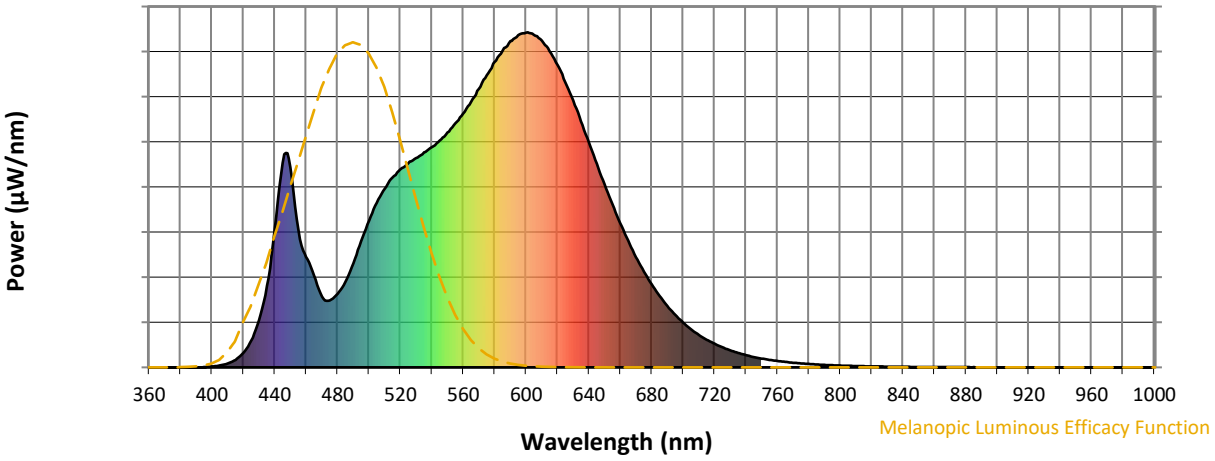
Melanopic Flux vs. Wavelength



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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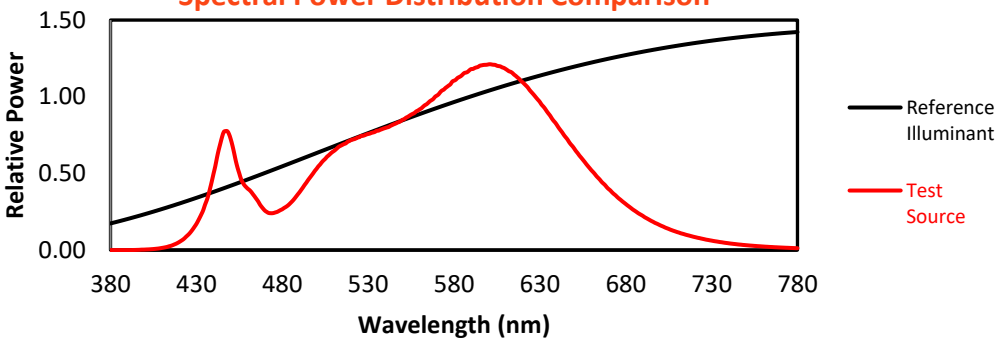
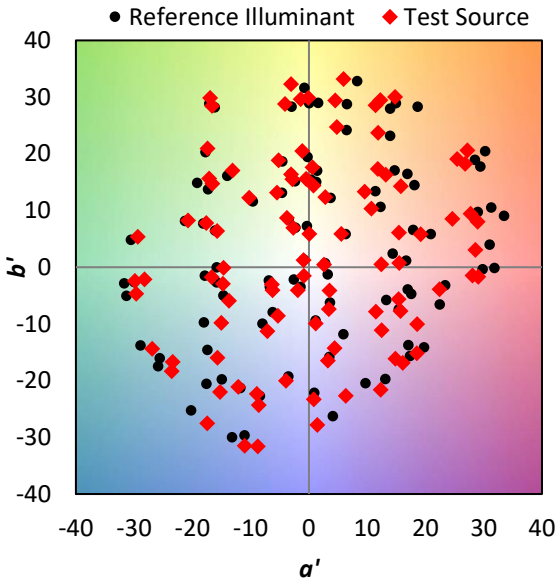
Summary

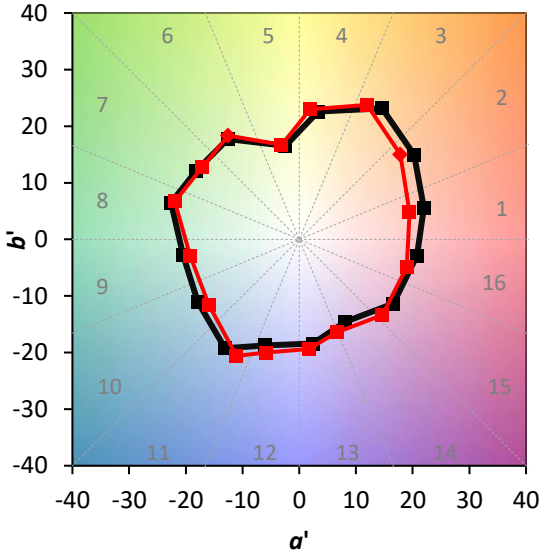
R_f = 86.6
R_g = 95.9
CIE R_a = 83.5
R_9 = 6.3

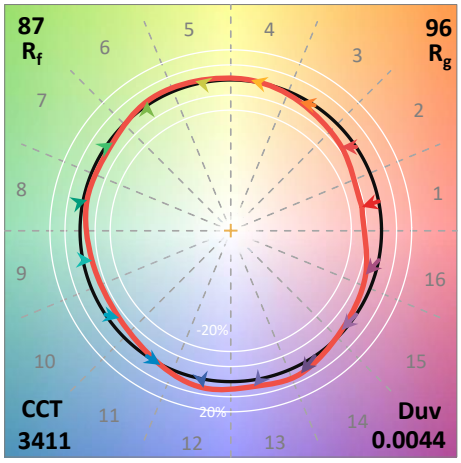
Spectral Power Distribution Comparison

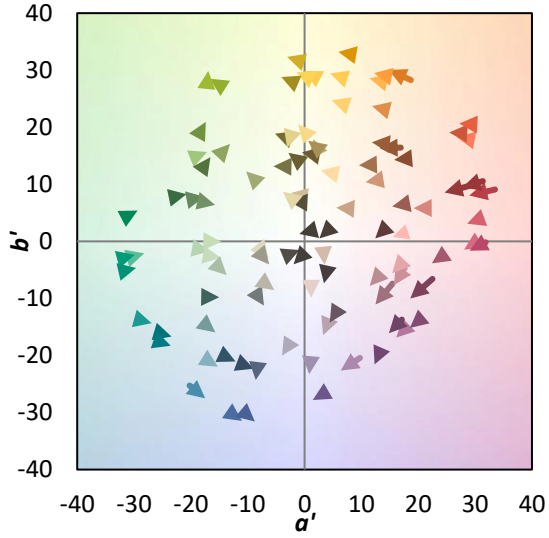


Color Vector Graphics









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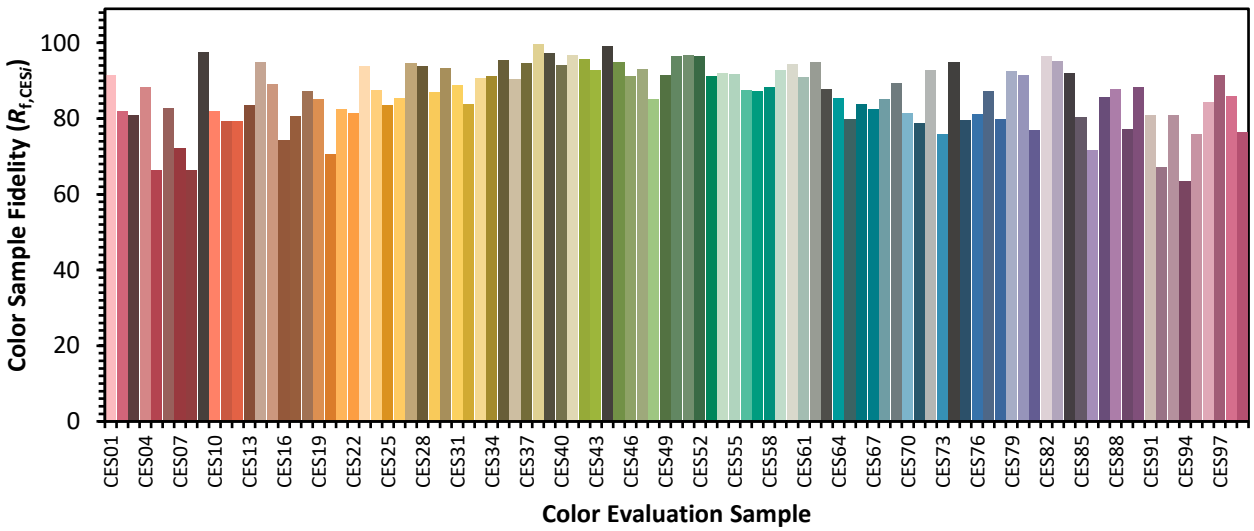
Individual Sample Fidelity Index ($R_{f,i}$)

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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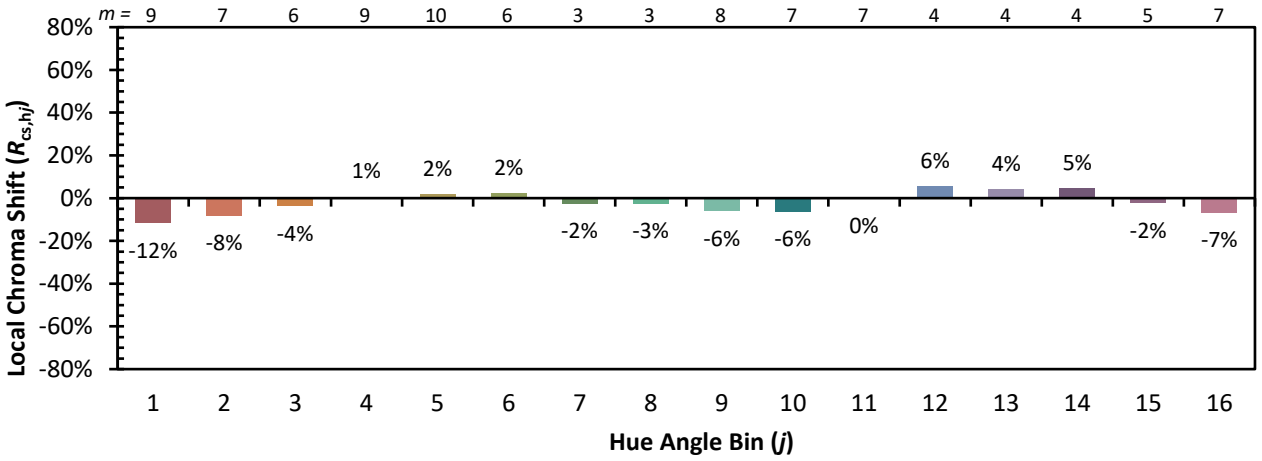
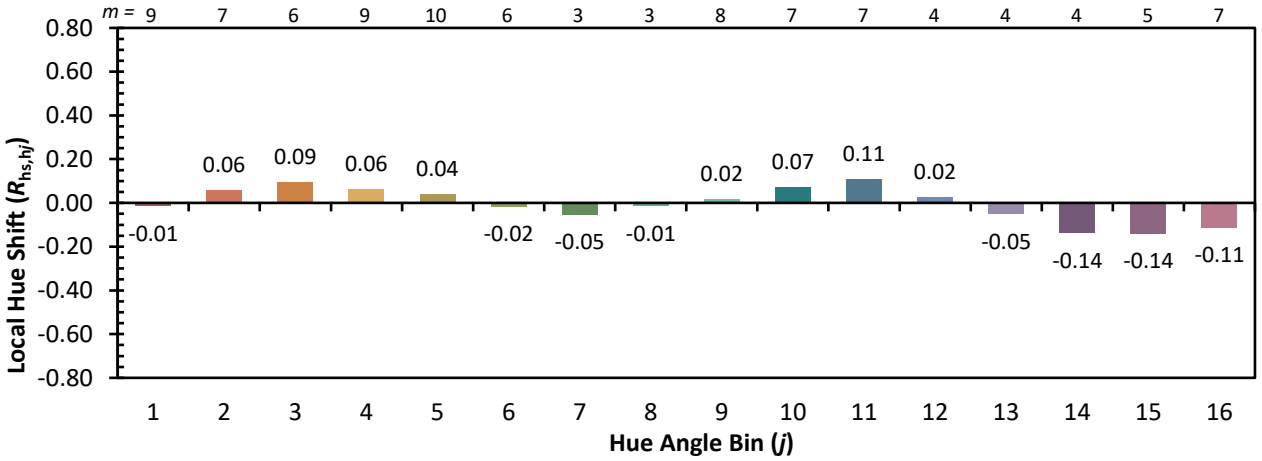
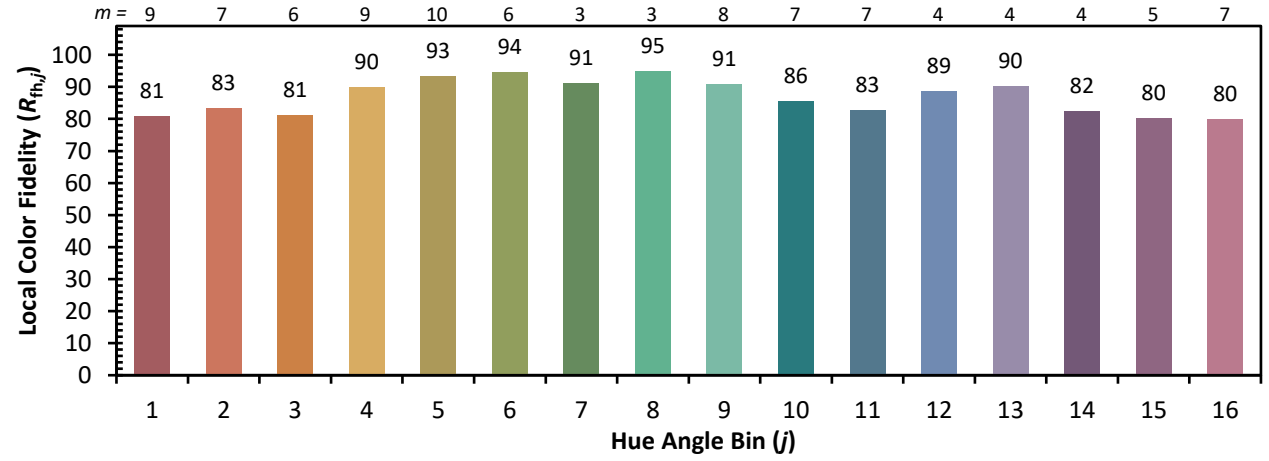
Color Rendition by Hue-Angle Bin







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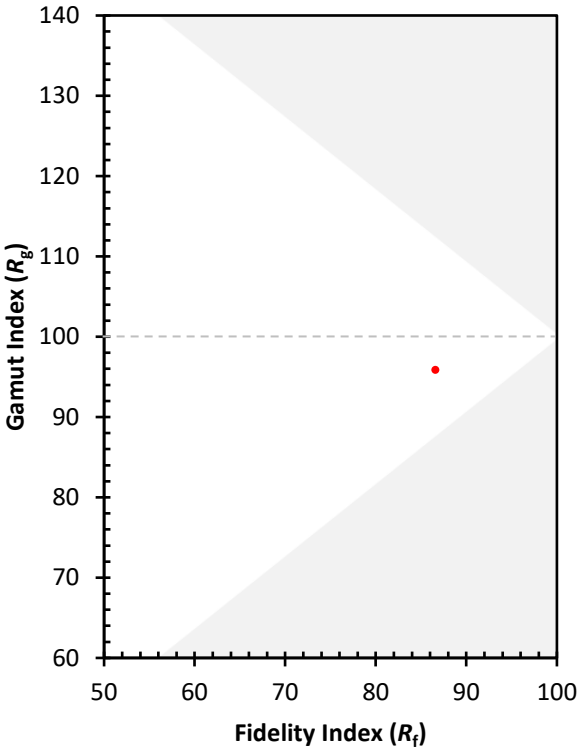
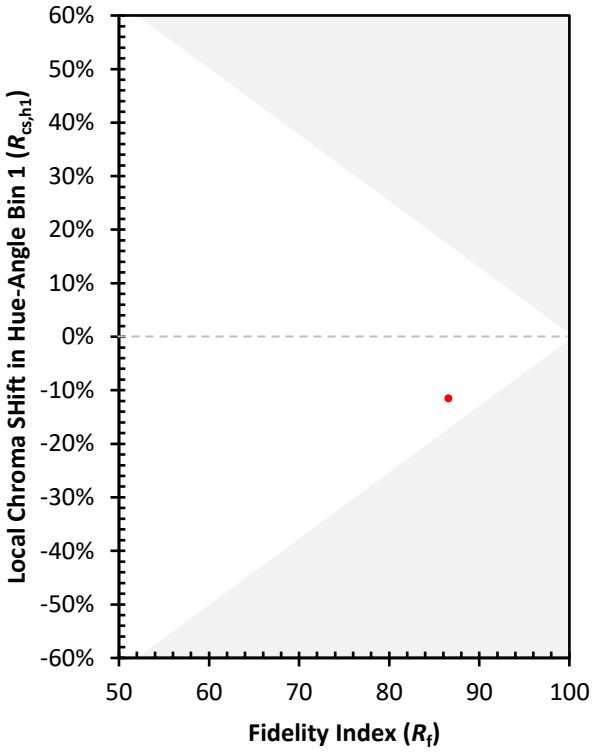
Measure Comparisons





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