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: McGRAW-EDISON

Report Number: P1501159

Luminaire Tested: GSS-SB1C-835-U-T3LG

Issue Date: 07/20/2026

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:	P1501159
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB1C-835-U-T3LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 1SQUARE 52W 80CRI 3500K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(26) 3500K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6412 lumens
Efficiency:	N/A
Efficacy:	123.3 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G1

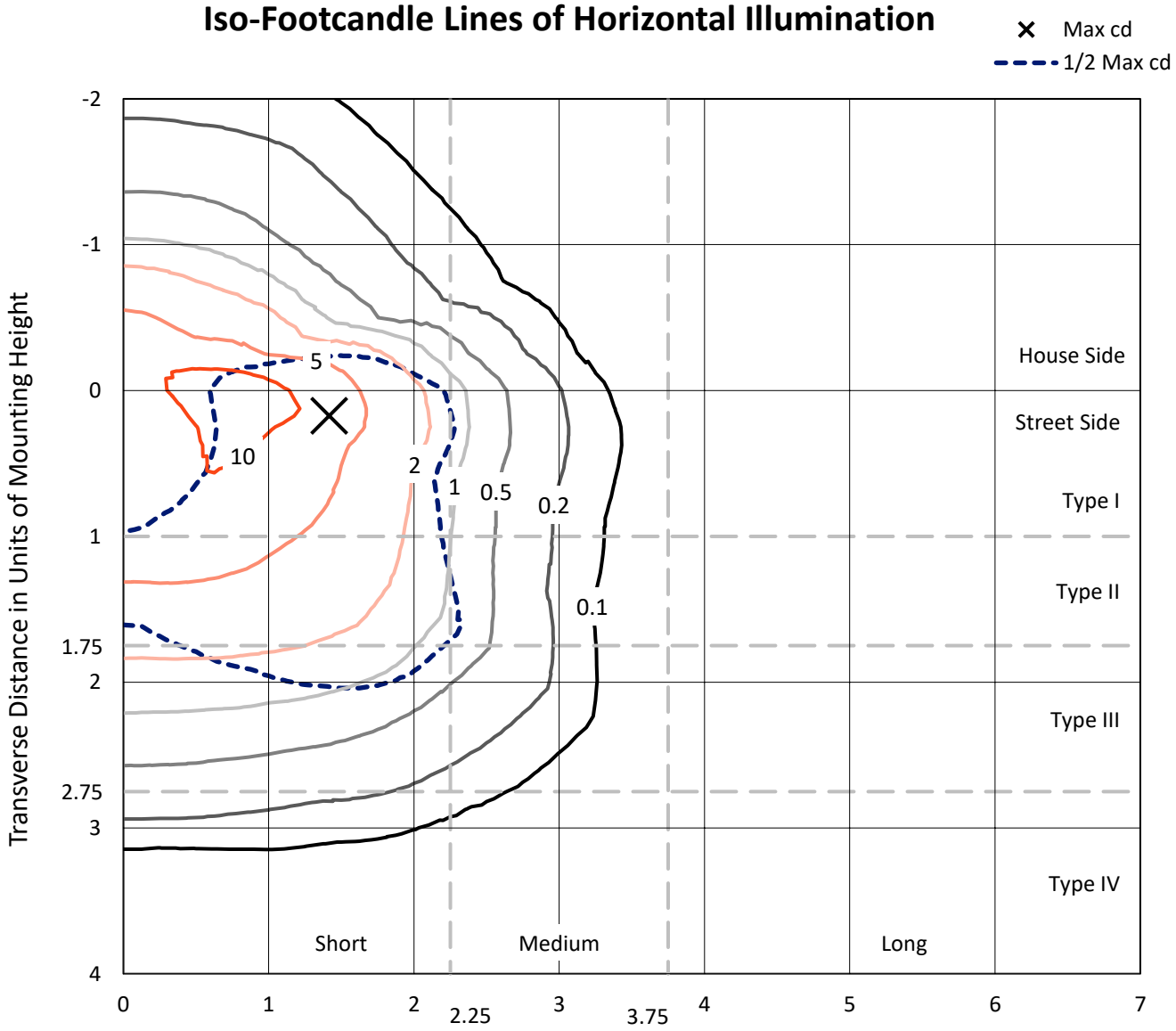
Input Watts (W):	52
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	10.1%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1501159
CATALOG NUMBER: GSS-SB1C-835-U-T3LG

Iso-Footcandle Lines of Horizontal Illumination



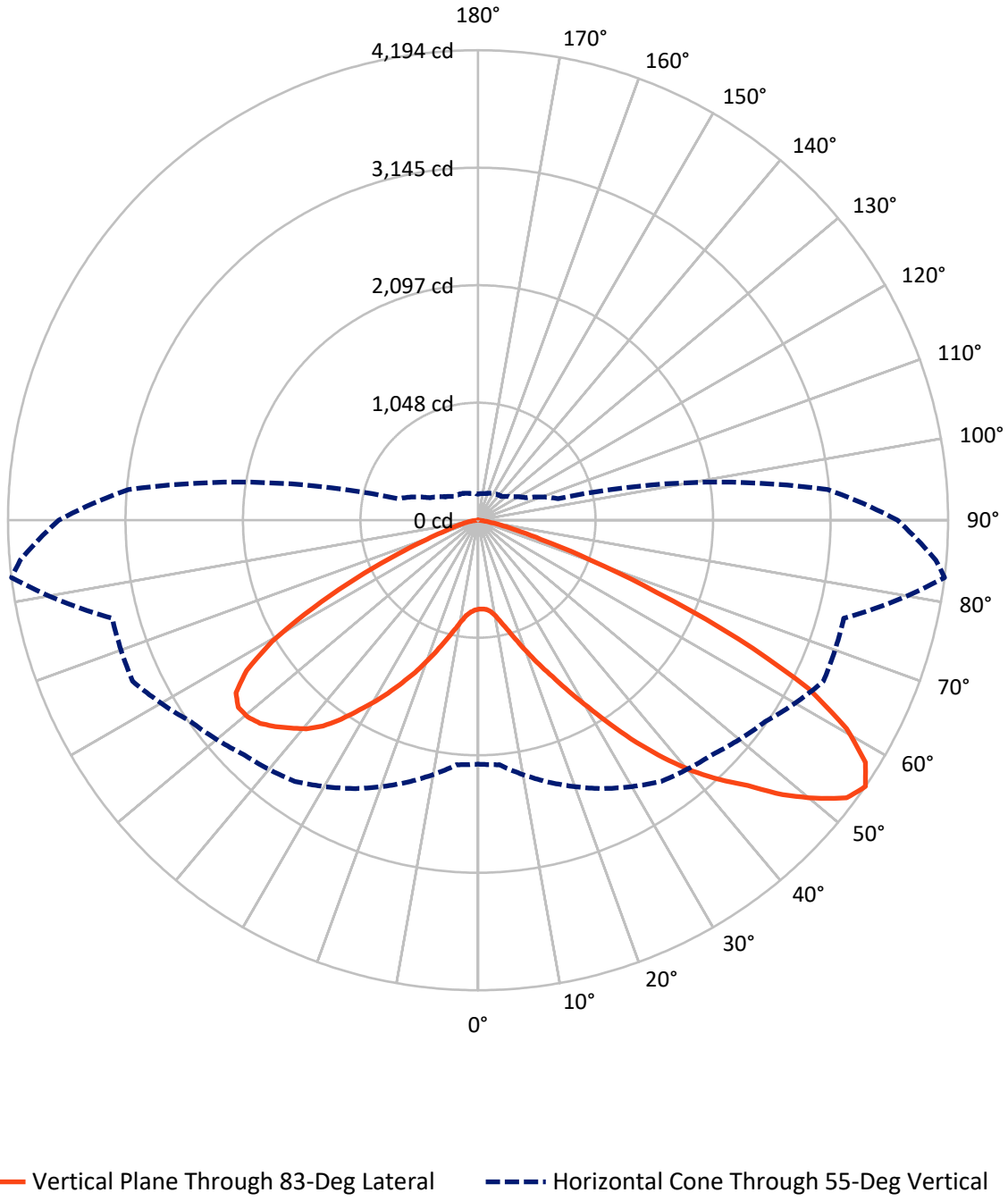
Based on 10 foot mounting height. Maximum calculated value = 13.4 fc
Type III - Short - N/A

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REPORT NUMBER: P1501159
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Luminous Intensity Polar Plot



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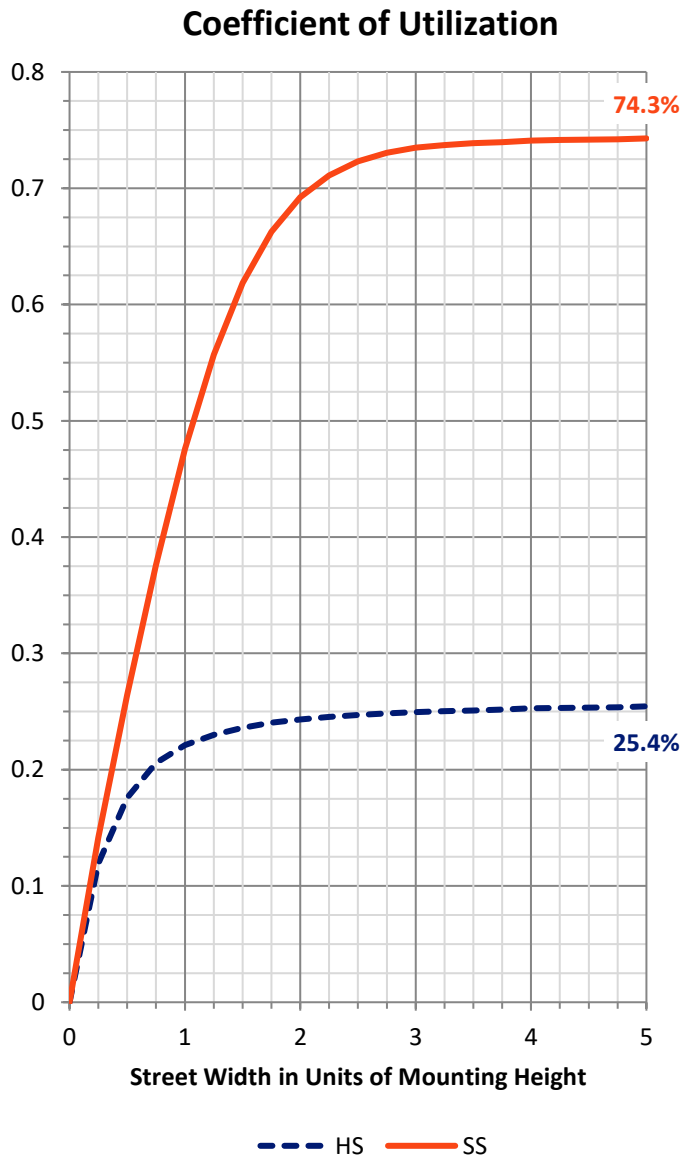
REPORT NUMBER: P1501159
CATALOG NUMBER: GSS-SB1C-835-U-T3LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1645.5	0.0	1645.5
	% Fixture	25.7	0.0	25.7
Street Side	Lumens	4766.6	0.0	4766.6
	% Fixture	74.3	0.0	74.3
Total	Lumens	6412.0	0.0	6412.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	76.7	1.2
10°-20°	249.8	3.9
20°-30°	500.2	7.8
30°-40°	889.9	13.9
40°-50°	1341.0	20.9
50°-60°	1634.1	25.5
60°-70°	1321.4	20.6
70°-80°	361.9	5.6
80°-90°	36.9	0.6
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°	6412.0	100.0
0°-180°	6412.0	100.0



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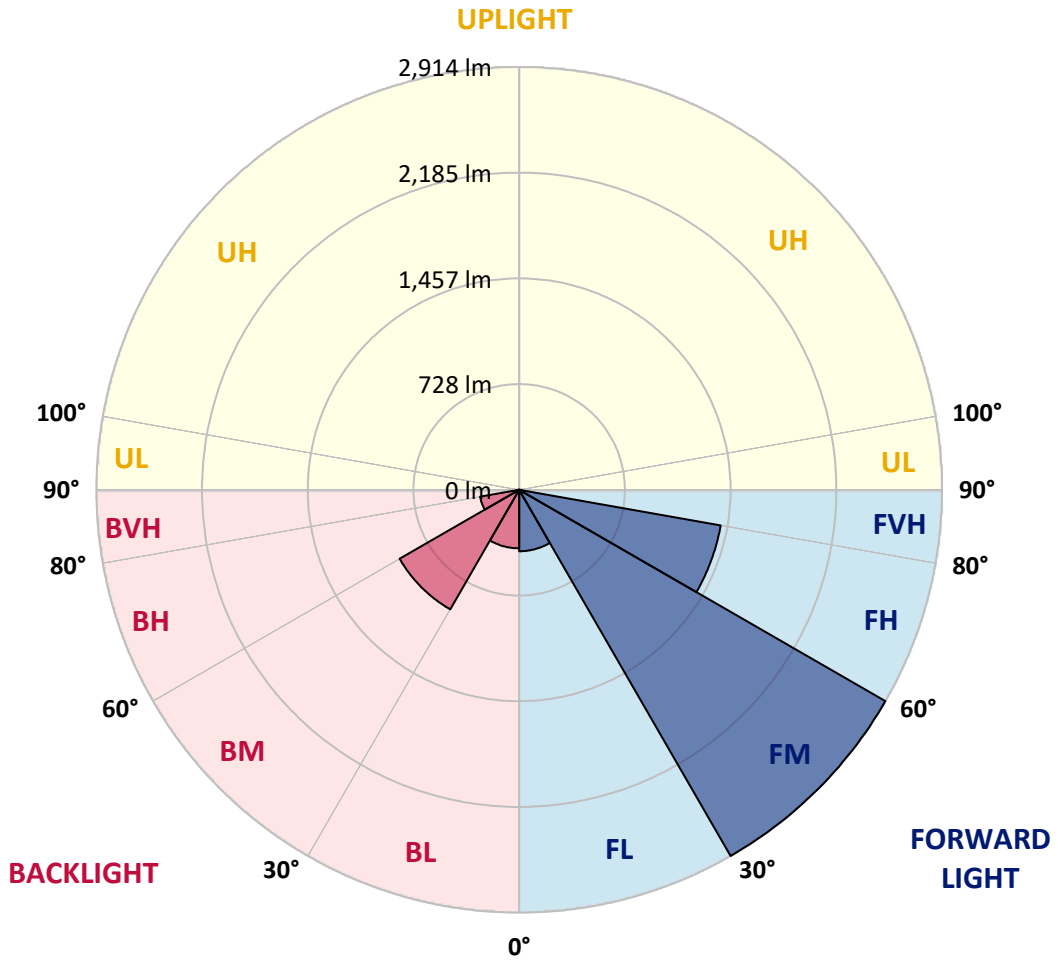
Scaled Data Report

REPORT NUMBER: P1501159
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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°)	423.4	6.6			
FM	(30°-60°)	2913.8	45.4			
FH	(60°-80°)	1410.2	22.0			G1/1800
FVH	(80°-90°)	19.2	0.3			G1/100
BL	(0°-30°)	403.3	6.3	B1/500		
BM	(30°-60°)	951.3	14.8	B1/1000		
BH	(60°-80°)	273.2	4.3	B1/500		G1/500
BVH	(80°-90°)	17.7	0.3			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
Type III Short



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REPORT NUMBER: P1501159
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	83°	85°
0°	793.7	793.7	793.7	793.7	793.7	793.7	793.7	793.7	793.7	*793.7*	793.7
2.5°	770.9	769.5	768.1	766.7	769.5	773.8	778.1	780.9	788.0	*793.7*	790.9
5°	709.7	706.8	709.7	721.1	731.0	748.1	765.2	776.6	792.3	*799.4*	802.3
7.5°	655.5	652.7	655.5	669.8	686.9	713.9	749.6	778.1	806.6	*823.7*	826.5
10°	655.5	656.9	656.9	662.6	671.2	698.3	741.0	795.2	845.0	*869.3*	875.0
12.5°	676.9	676.9	676.9	684.0	689.7	711.1	759.5	826.5	906.3	*941.9*	946.2
15°	705.4	704.0	708.2	712.5	722.5	743.9	792.3	872.1	973.3	*1027.4*	1033.1
17.5°	745.3	742.4	746.7	756.7	770.9	795.2	843.6	934.8	1065.9	*1134.3*	1142.9
20°	789.5	788.0	796.6	812.3	832.2	862.1	917.7	1010.3	1171.4	*1258.3*	1274.0
22.5°	842.2	839.3	855.0	883.5	910.6	944.8	1011.8	1108.7	1292.5	*1396.5*	1412.2
25°	902.0	902.0	923.4	957.6	998.9	1060.2	1127.2	1234.1	1435.0	*1546.1*	1570.4
27.5°	1000.4	1007.5	1016.0	1051.7	1110.1	1192.7	1264.0	1385.1	1590.3	*1730.0*	1738.5
30°	1160.0	1157.1	1171.4	1195.6	1244.0	1331.0	1437.8	1567.5	1787.0	*1933.8*	1955.1
32.5°	1303.9	1308.2	1328.1	1373.7	1432.1	1506.2	1634.5	1794.1	2000.7	*2170.3*	2180.3
35°	1449.2	1452.1	1490.6	1559.0	1645.9	1728.6	1868.2	2025.0	2233.0	*2433.9*	2461.0
37.5°	1653.0	1650.2	1688.7	1747.1	1863.9	1992.2	2104.8	2254.4	2455.3	*2690.4*	2721.8
40°	1805.5	1821.2	1893.9	1968.0	2077.7	2210.2	2305.7	2446.8	2637.7	*2941.2*	2969.7
42.5°	1962.3	1975.1	2072.0	2183.1	2298.6	2388.3	2462.4	2593.5	2783.1	*3163.5*	3179.2
45°	2091.9	2109.0	2220.2	2361.3	2481.0	2572.2	2597.8	2720.4	2931.3	*3377.3*	3401.5
47.5°	2174.6	2193.1	2324.2	2489.5	2612.1	2709.0	2700.4	2872.8	3089.4	*3660.9*	3652.3
50°	2231.6	2243.0	2385.5	2562.2	2721.8	2785.9	2823.0	3045.3	3251.9	*3898.9*	3867.5
52.5°	2272.9	2291.4	2421.1	2614.9	2783.1	2867.1	2966.9	3244.8	3364.5	*4116.9*	4047.1
55°	*2176.0*	*2190.3*	*2418.3*	*2642.0*	*2845.8*	*2956.9*	*3130.8*	*3400.1*	*3378.7*	*4193.8*	*4099.8*
57.5°	2076.3	2087.7	2298.6	2634.9	2914.2	3068.1	3317.5	3420.1	3251.9	*4075.6*	3957.3
60°	1950.9	1959.4	2170.3	2559.3	2915.6	3155.0	3412.9	3274.7	3016.8	*3777.7*	3665.2
62.5°	1720.0	1720.0	1952.3	2355.6	2844.3	3199.2	3387.3	2999.7	2701.8	*3308.9*	3153.6
65°	1492.0	1482.0	1638.8	1992.2	2654.8	3187.8	3194.9	2652.0	2213.1	*2552.2*	2431.1
67.5°	1244.0	1245.5	1338.1	1617.4	2150.4	2949.8	2788.8	2049.2	1541.9	*1718.6*	1655.9
70°	842.2	863.6	957.6	1174.2	1621.7	2090.5	2220.2	1388.0	961.9	*1067.3*	1016.0
72.5°	320.6	324.9	434.6	615.6	1024.6	1256.9	1549.0	776.6	562.9	*588.5*	591.4
75°	135.4	141.1	185.3	259.4	454.6	685.4	815.1	393.3	342.0	*352.0*	349.1
77.5°	91.2	94.1	112.6	139.7	205.2	275.0	340.6	222.3	209.5	*196.7*	191.0
80°	68.4	68.4	81.2	94.1	115.4	141.1	148.2	112.6	125.4	*104.0*	101.2
82.5°	44.2	47.0	51.3	55.6	65.6	69.8	59.9	61.3	72.7	*54.2*	51.3
85°	21.4	22.8	24.2	25.7	25.7	24.2	21.4	27.1	37.1	*22.8*	21.4
87.5°	2.9	2.9	2.9	2.9	2.9	2.9	1.4	1.4	1.4	*1.4*	1.4
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: P1501159
CATALOG NUMBER: GSS-SB1C-835-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	793.7	793.7	793.7	793.7	793.7	793.7	793.7	793.7	793.7	793.7	793.7
2.5°	795.2	800.9	805.1	808.0	815.1	813.7	818.0	820.8	823.7	827.9	822.2
5°	809.4	819.4	830.8	839.3	847.9	852.2	853.6	856.4	857.9	860.7	859.3
7.5°	840.8	852.2	869.3	877.8	884.9	884.9	880.7	879.2	875.0	877.8	877.8
10°	893.5	910.6	929.1	930.5	922.0	912.0	896.3	887.8	876.4	873.5	870.7
12.5°	970.4	993.2	1007.5	997.5	967.6	930.5	889.2	850.7	820.8	808.0	805.1
15°	1057.4	1085.9	1088.7	1060.2	1006.1	916.3	829.4	786.6	770.9	770.9	769.5
17.5°	1177.1	1197.0	1185.6	1117.2	996.1	849.3	786.6	779.5	783.8	789.5	789.5
20°	1302.5	1325.3	1278.2	1157.1	934.8	809.4	790.9	796.6	806.6	812.3	810.8
22.5°	1452.1	1463.5	1372.3	1158.5	869.3	799.4	799.4	806.6	813.7	822.2	822.2
25°	1606.0	1601.7	1459.2	1105.8	832.2	796.6	793.7	799.4	802.3	806.6	805.1
27.5°	1778.4	1755.6	1526.2	1021.7	820.8	788.0	773.8	768.1	770.9	775.2	776.6
30°	1976.5	1922.4	1580.3	969.0	816.5	768.1	733.9	718.2	715.4	721.1	721.1
32.5°	2205.9	2089.1	1613.1	961.9	812.3	732.5	686.9	656.9	651.2	654.1	661.2
35°	2441.1	2290.0	1604.6	980.4	813.7	704.0	637.0	597.1	591.4	594.2	601.4
37.5°	2687.6	2481.0	1571.8	1008.9	802.3	665.5	591.4	542.9	534.4	540.1	542.9
40°	2878.5	2642.0	1490.6	1020.3	782.3	617.0	538.7	497.3	474.5	473.1	480.2
42.5°	3055.2	2768.8	1402.2	1001.8	741.0	565.7	484.5	443.2	407.6	380.5	380.5
45°	3231.9	2897.1	1312.4	949.1	672.6	511.6	427.5	371.9	330.6	310.7	312.1
47.5°	3408.7	3021.0	1205.6	869.3	604.2	454.6	366.2	322.1	293.6	277.9	277.9
50°	3572.5	3110.8	1068.8	742.4	525.8	397.6	323.5	297.8	276.5	262.2	259.4
52.5°	3716.5	3170.7	883.5	588.5	440.3	333.5	300.7	280.7	265.1	249.4	245.1
55°	*3742.1*	*3130.8*	*739.6*	*473.1*	*363.4*	*299.3*	*283.6*	*266.5*	*245.1*	*238.0*	*233.7*
57.5°	3583.9	2919.9	624.2	399.0	310.7	275.0	269.3	249.4	232.3	225.2	220.9
60°	3314.6	2536.5	515.9	342.0	276.5	252.2	259.4	239.4	212.3	208.1	203.8
62.5°	2830.1	1979.4	411.8	287.9	250.8	235.1	242.3	213.8	191.0	185.3	183.8
65°	2200.2	1416.5	346.3	253.7	230.9	218.0	215.2	189.5	172.4	168.2	168.2
67.5°	1536.2	900.6	289.3	232.3	205.2	196.7	195.2	178.1	166.7	162.5	162.5
70°	940.5	545.8	243.7	212.3	181.0	165.3	175.3	172.4	155.3	151.1	149.6
72.5°	488.8	326.3	213.8	195.2	152.5	141.1	156.8	158.2	143.9	149.6	148.2
75°	283.6	226.6	186.7	172.4	121.1	118.3	136.8	151.1	139.7	143.9	141.1
77.5°	162.5	145.4	143.9	141.1	95.5	96.9	122.6	135.4	119.7	124.0	114.0
80°	89.8	94.1	99.8	88.4	67.0	75.5	98.3	108.3	91.2	89.8	82.7
82.5°	47.0	58.4	67.0	57.0	38.5	45.6	67.0	67.0	58.4	55.6	54.2
85°	21.4	24.2	31.4	28.5	14.3	17.1	31.4	34.2	29.9	27.1	25.7
87.5°	1.4	1.4	1.4	1.4	1.4	1.4	2.9	4.3	1.4	1.4	1.4
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: SP1-2407-184-10

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

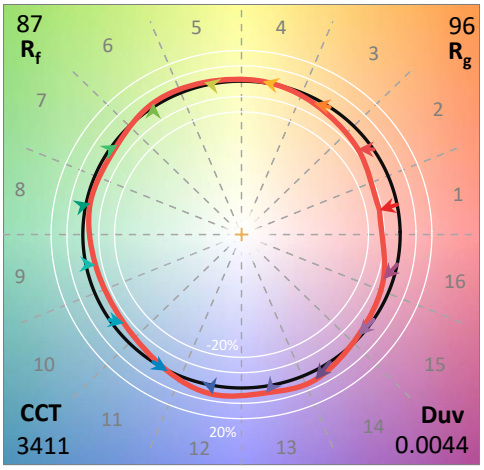
Test Information

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

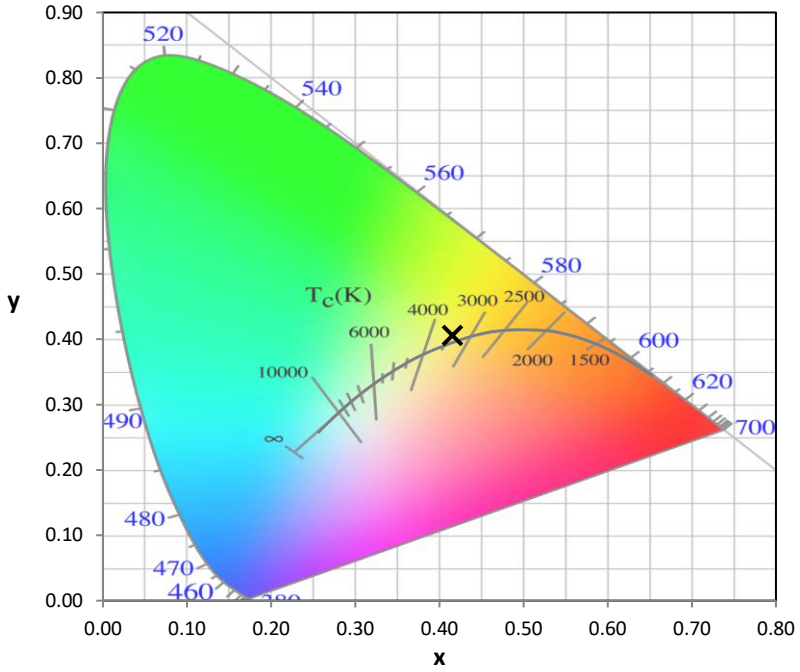
Stabilization Time:	35M
Operation Time:	1H 35M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-10

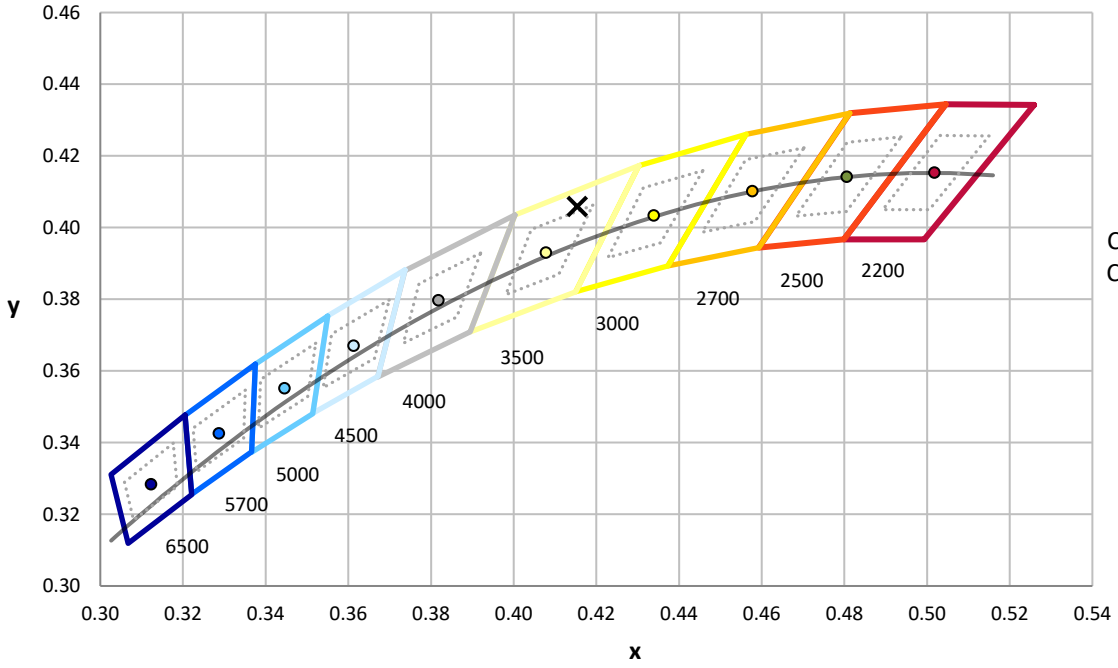
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

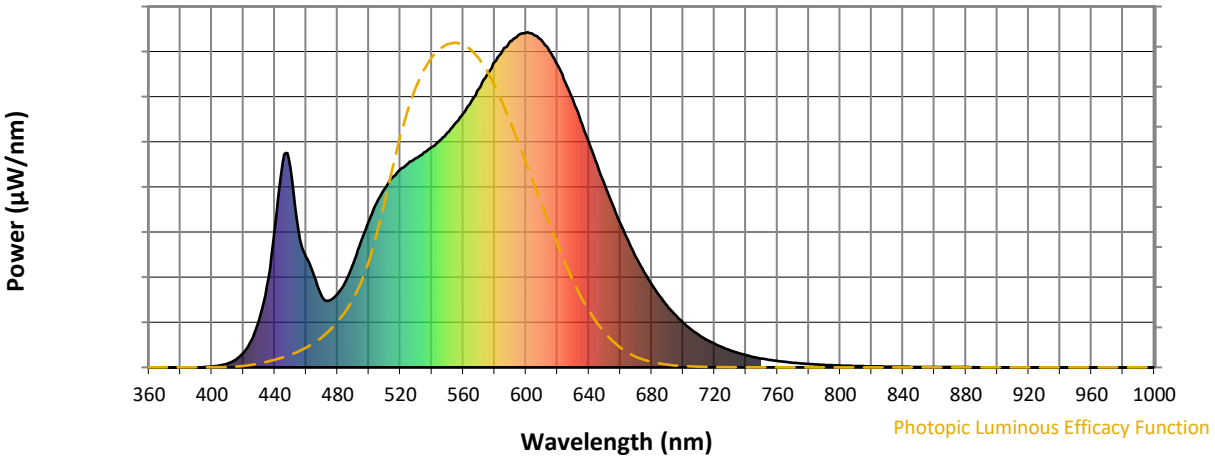


CCT = 3411K
CIE x = 0.4154
CIE y = 0.4059
Duv = 0.0044

Point lies inside the ANSI 3500K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-10

Photopic Flux vs. Wavelength

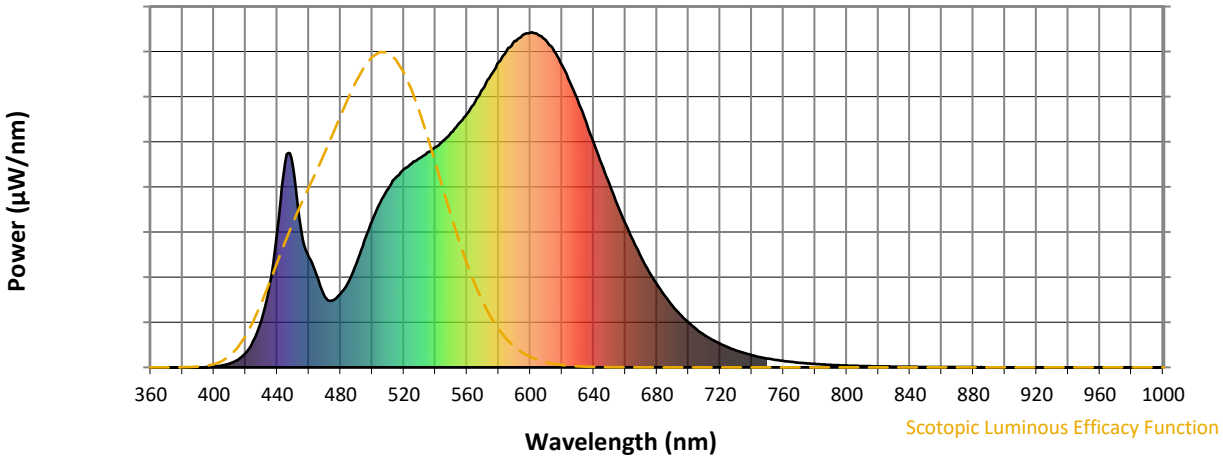


Photopic Lumens: NR

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

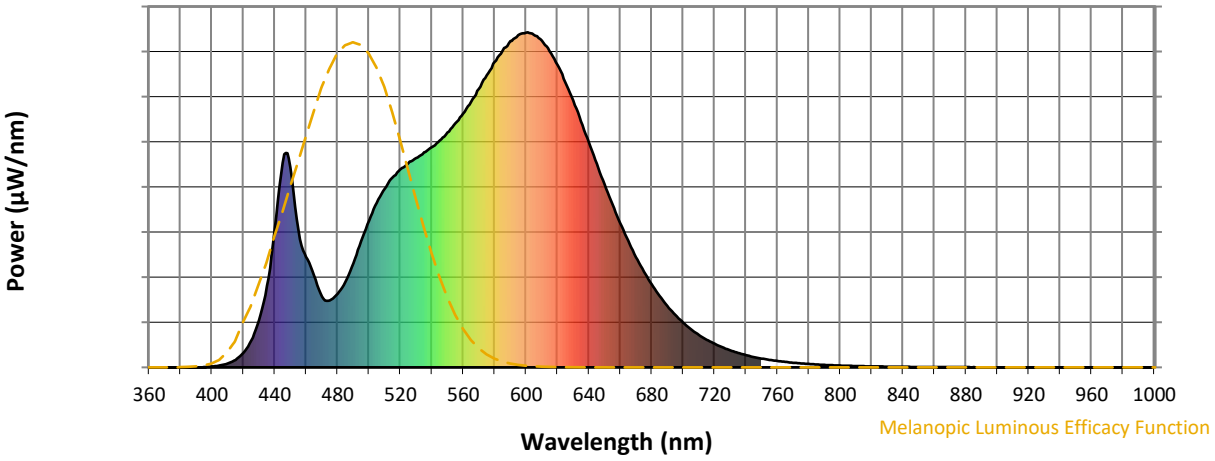


Scotopic Lumens: NR **S/P: 1.48**

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			

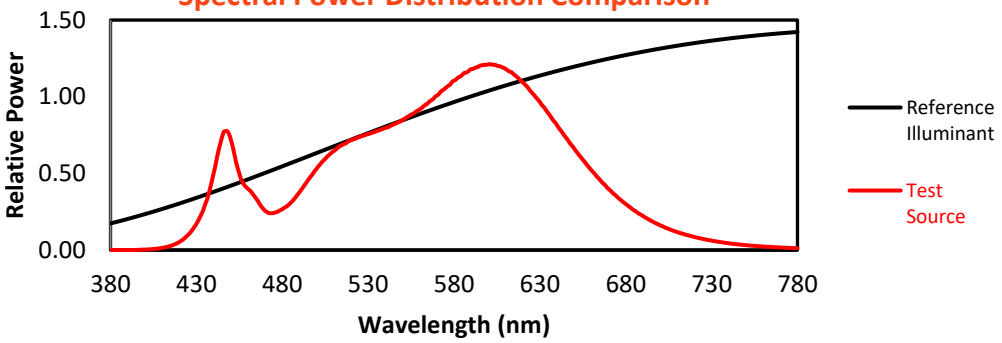
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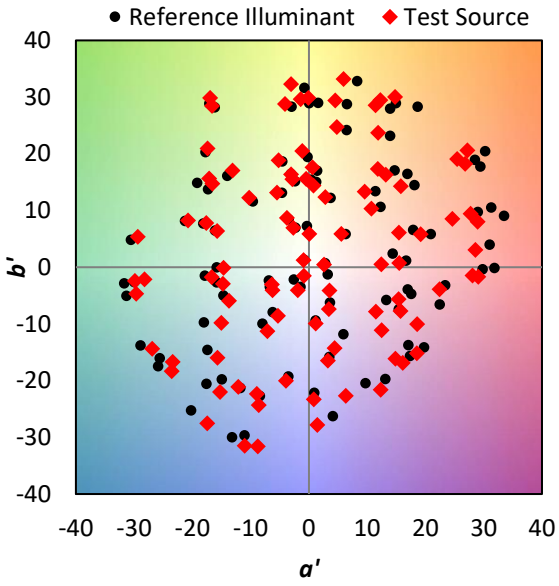
Summary

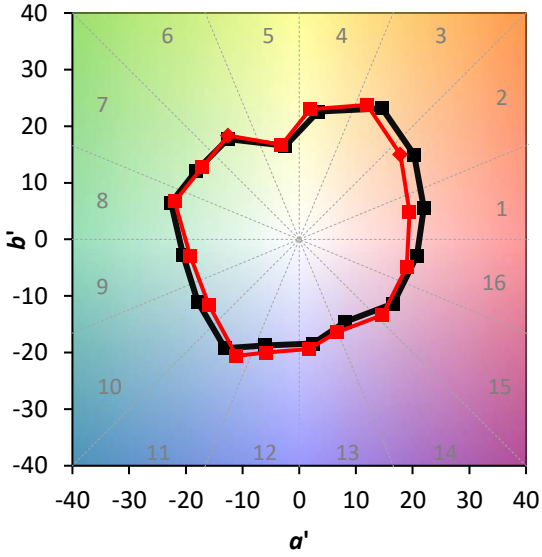
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R_g = 95.9
CIE R_a = 83.5
R_9 = 6.3

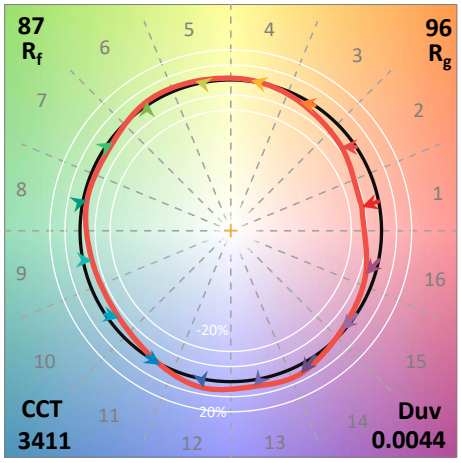
Spectral Power Distribution Comparison

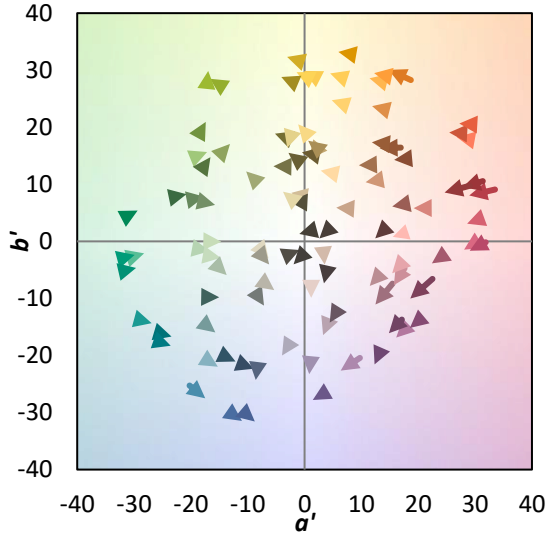


Color Vector Graphics







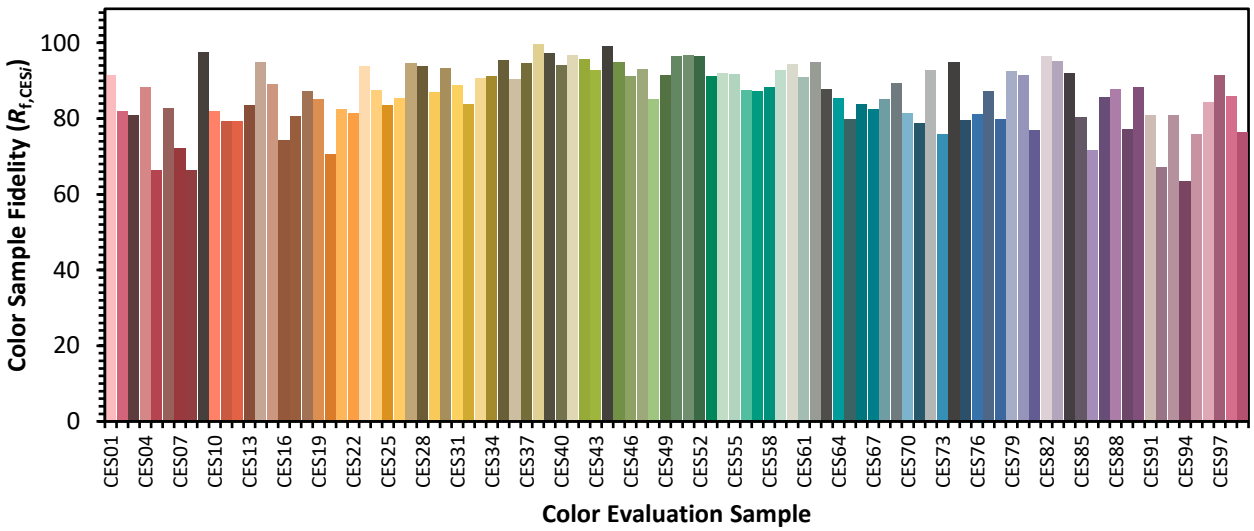


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Individual Sample Fidelity Index ($R_{f,i}$)

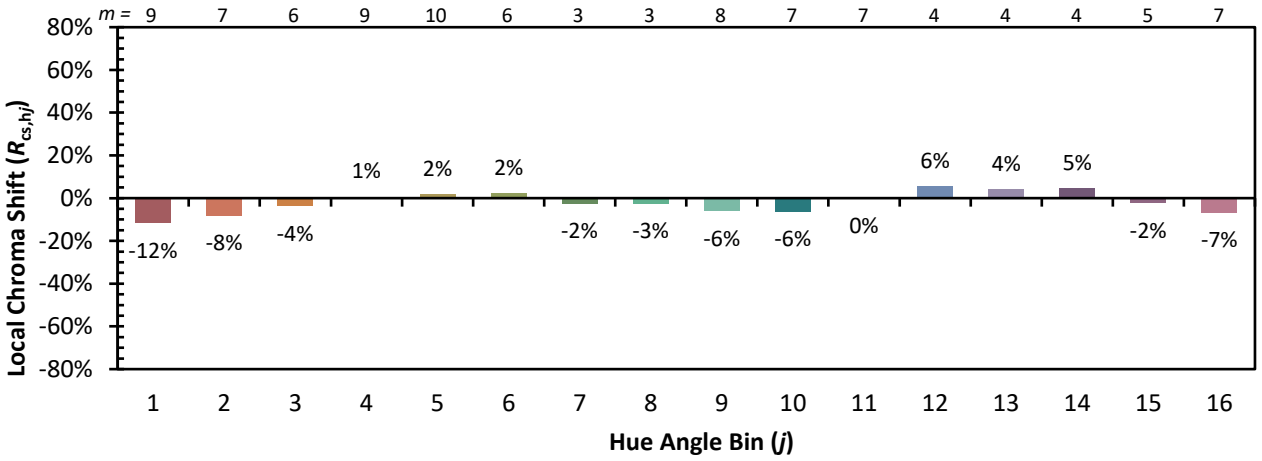
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CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82 = 96
CES08 = 40	CES33 = 91	CES58 = 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	

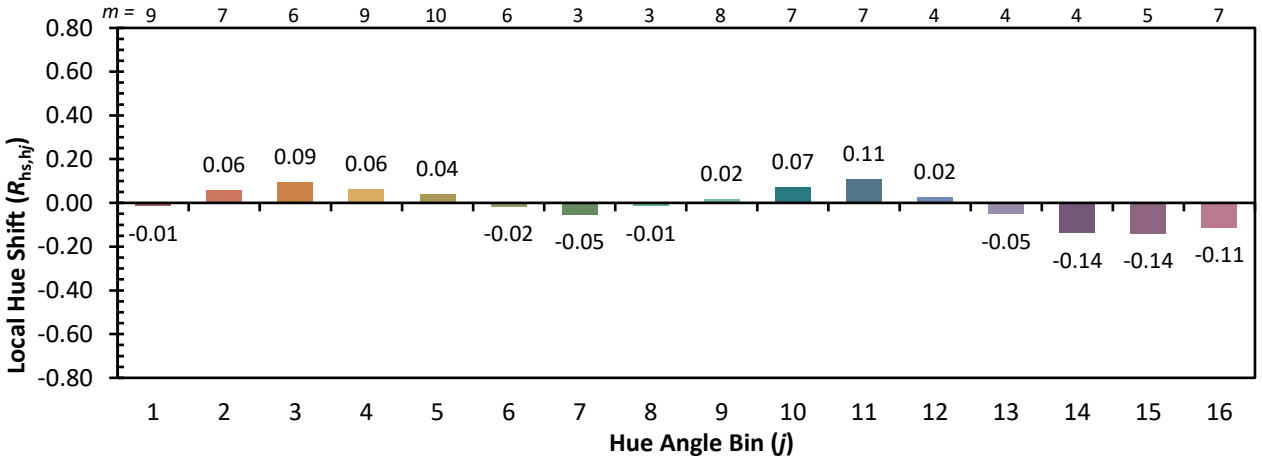


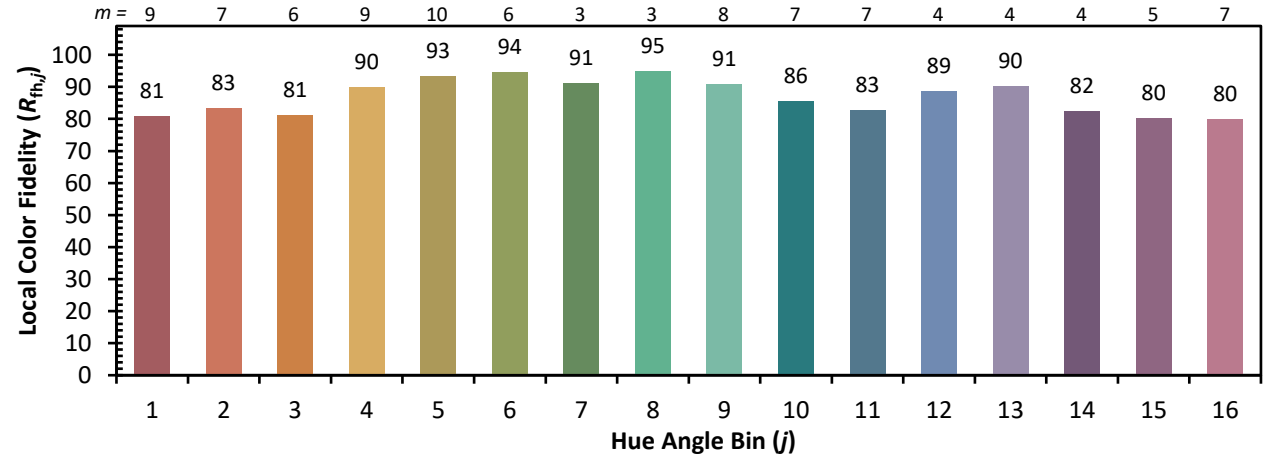
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Color Rendition by Hue-Angle Bin



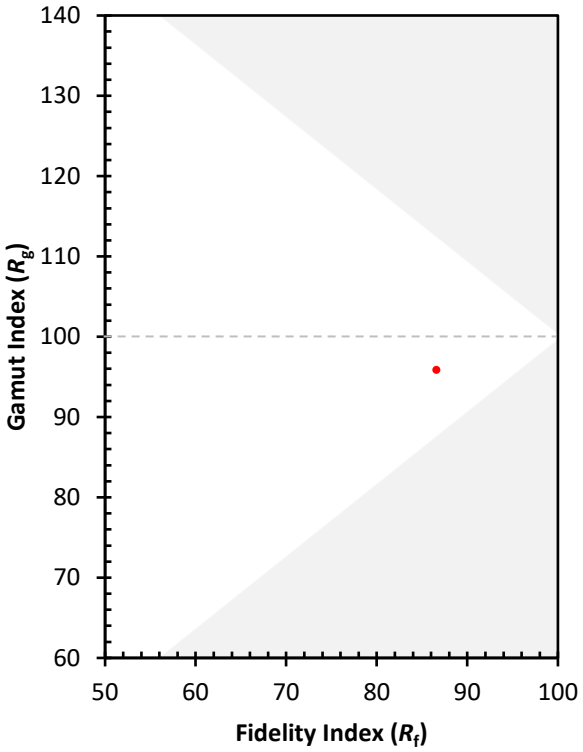


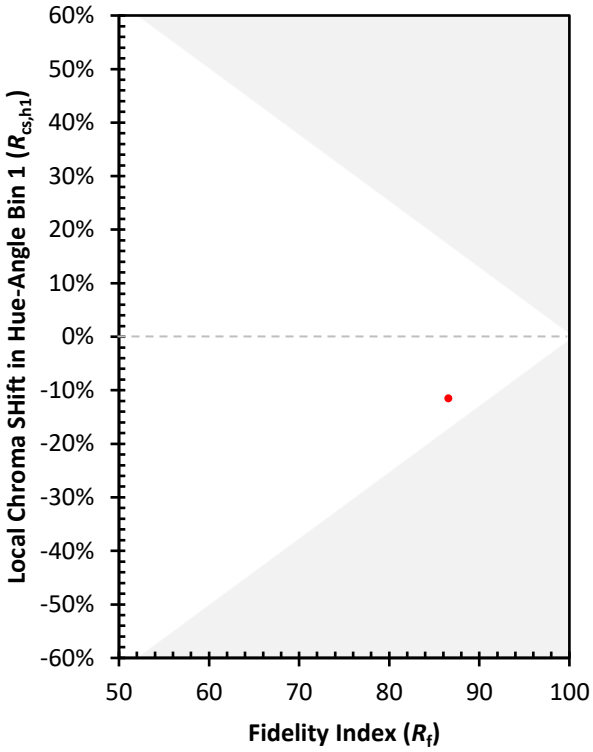


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Measure Comparisons





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