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: P1502312

Luminaire Tested: GSS-SB1D-835-U-T3LG-HSS

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:	P1502312
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB1D-835-U-T3LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 1SQUARE 76W 80CRI 3500K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(26) 3500K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	7222.9 lumens
Efficiency:	N/A
Efficacy:	95.0 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

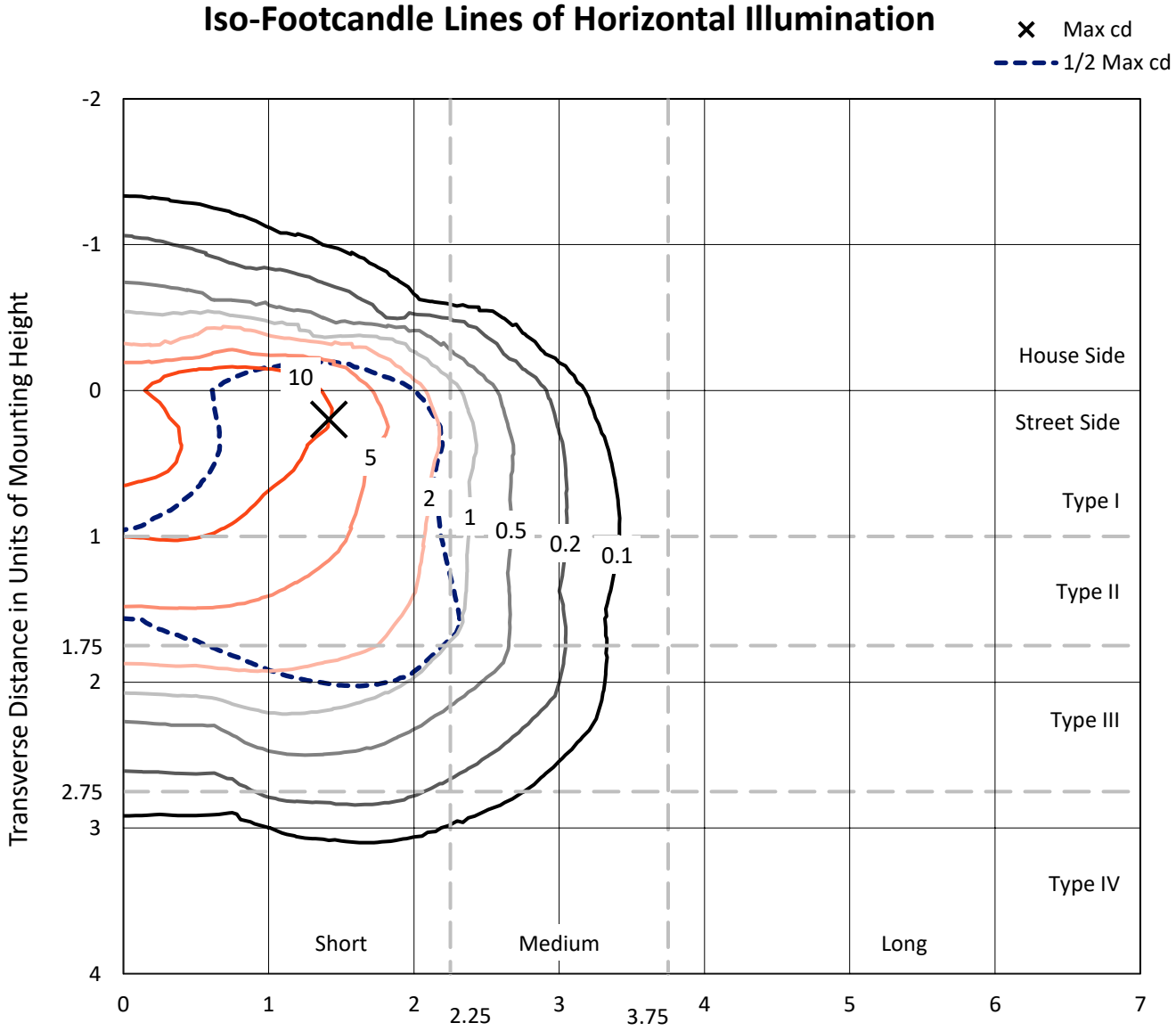
Input Watts (W):	76
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	6.7%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1502312
CATALOG NUMBER: GSS-SB1D-835-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



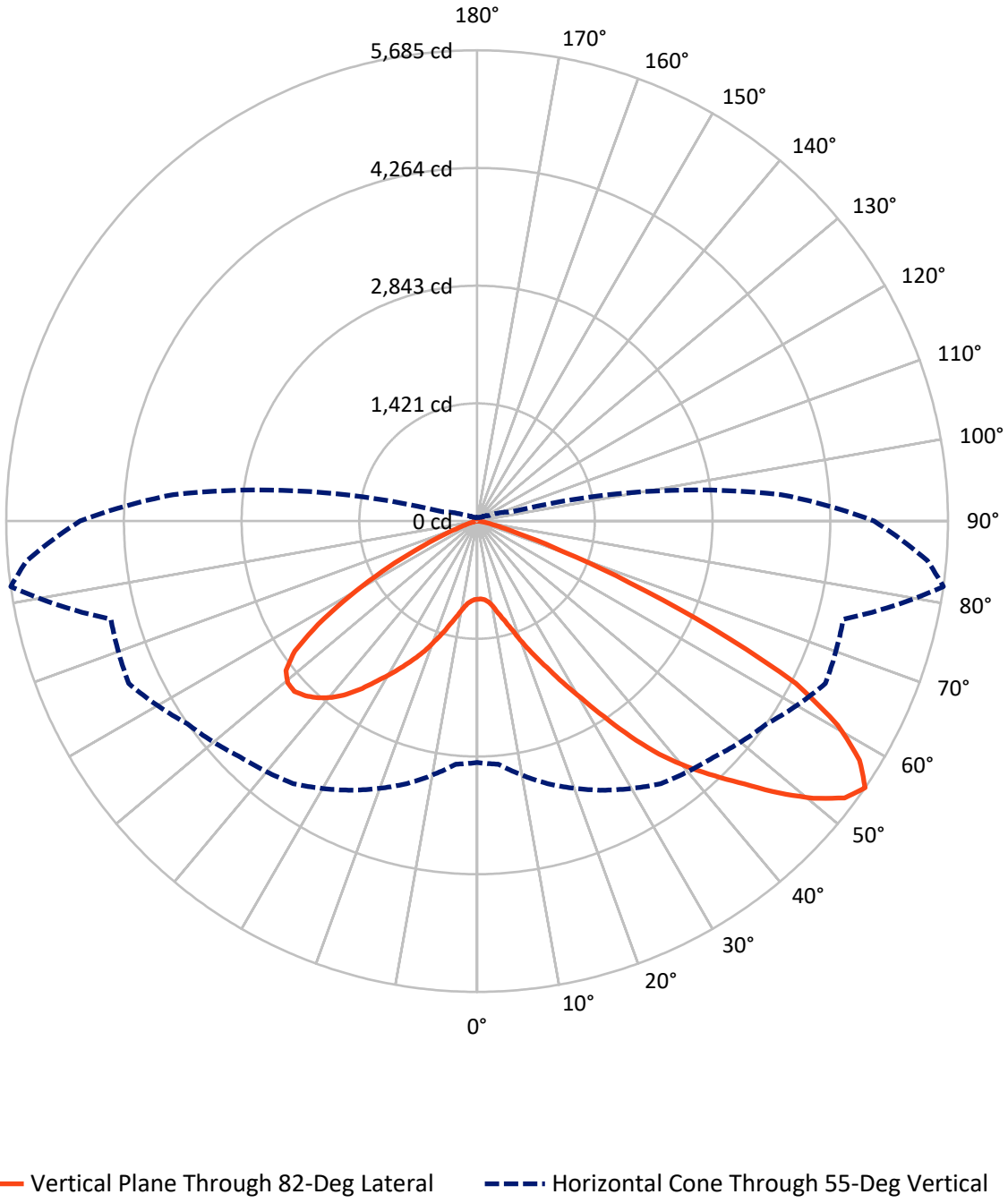
Based on 10 foot mounting height. Maximum calculated value = 17.6 fc
Type III - Short - N/A

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REPORT NUMBER: P1502312
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Luminous Intensity Polar Plot



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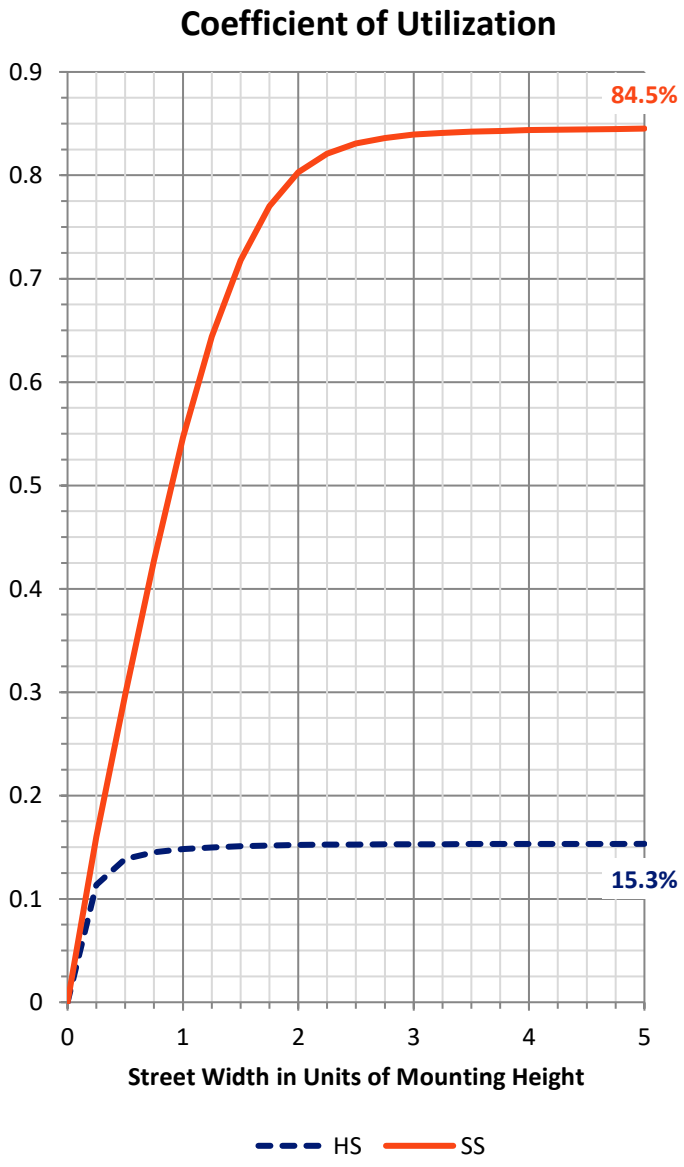
REPORT NUMBER: P1502312
CATALOG NUMBER: GSS-SB1D-835-U-T3LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1116.4	0.0	1116.4
	% Fixture	15.5	0.0	15.5
Street Side	Lumens	6106.4	0.0	6106.4
	% Fixture	84.5	0.0	84.5
Total	Lumens	7222.9	0.0	7222.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	85.5	1.2
10°-20°	231.4	3.2
20°-30°	462.6	6.4
30°-40°	957.9	13.3
40°-50°	1600.2	22.2
50°-60°	2029.5	28.1
60°-70°	1517.2	21.0
70°-80°	321.4	4.4
80°-90°	17.3	0.2
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°	7222.9	100.0
0°-180°	7222.9	100.0



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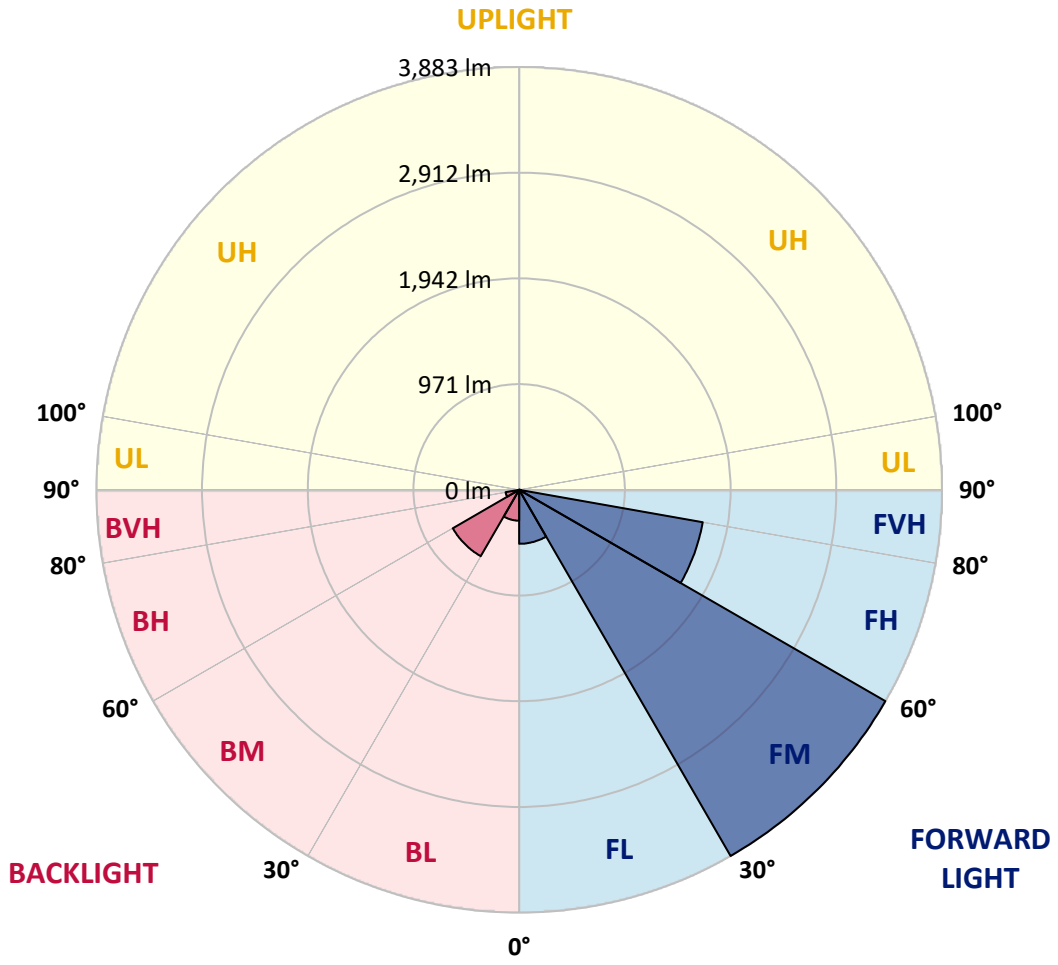
Scaled Data Report

REPORT NUMBER: P1502312
CATALOG NUMBER: GSS-SB1D-835-U-T3LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	496.0	6.9			
FM	(30°-60°)	3883.1	53.8			
FH	(60°-80°)	1711.8	23.7			G1/1800
FVH	(80°-90°)	15.5	0.2			G1/100
BL	(0°-30°)	283.4	3.9	B1/500		
BM	(30°-60°)	704.4	9.8	B1/1000		
BH	(60°-80°)	126.8	1.8	B1/500		G1/500
BVH	(80°-90°)	1.8	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-G1
Type III Short



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REPORT NUMBER: P1502312
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	942.9	942.9	942.9	942.9	942.9	942.9	942.9	942.9	942.9	*942.9*	942.9
2.5°	917.5	919.4	915.5	917.5	921.4	919.4	927.3	933.1	939.0	*941.0*	942.9
5°	837.1	839.0	841.0	856.7	866.5	890.0	911.6	925.3	944.9	*954.7*	956.7
7.5°	741.0	741.0	748.9	768.5	794.0	839.0	888.0	927.3	964.5	*984.1*	988.0
10°	723.4	725.3	725.3	739.1	760.6	805.7	868.4	946.9	1013.5	*1042.9*	1052.7
12.5°	727.3	729.3	731.2	744.9	766.5	805.7	886.1	988.0	1091.9	*1140.9*	1146.8
15°	737.1	741.0	746.9	764.5	788.1	839.0	923.3	1046.8	1186.0	*1248.8*	1264.4
17.5°	766.5	768.5	778.3	797.9	835.1	886.1	978.2	1123.3	1317.4	*1386.0*	1415.4
20°	811.6	815.5	829.2	856.7	899.8	964.5	1066.4	1223.3	1458.5	*1564.4*	1587.9
22.5°	868.4	868.4	888.0	931.2	991.9	1064.5	1188.0	1356.6	1631.0	*1754.5*	1793.7
25°	962.5	960.6	976.3	1025.3	1097.8	1203.7	1329.1	1515.4	1811.4	*1958.4*	1999.6
27.5°	1178.2	1172.3	1166.4	1168.4	1231.1	1366.4	1511.4	1715.3	2034.9	*2207.4*	2238.7
30°	1429.1	1437.0	1429.1	1409.5	1419.3	1544.8	1725.1	1960.4	2285.8	*2479.9*	2521.0
32.5°	1648.7	1652.6	1685.9	1707.5	1715.3	1774.1	1972.1	2256.4	2605.3	*2817.1*	2870.0
35°	1887.8	1893.7	1931.0	1976.1	2046.6	2099.6	2281.9	2599.5	2930.8	*3197.4*	3236.6
37.5°	2166.2	2176.0	2225.0	2289.7	2387.7	2509.3	2607.3	2911.2	3262.1	*3569.8*	3611.0
40°	2411.3	2442.6	2526.9	2609.3	2713.2	2850.4	2915.1	3183.6	3507.1	*3899.2*	3967.8
42.5°	2642.6	2660.2	2795.5	2922.9	3046.4	3158.2	3220.9	3397.3	3724.7	*4205.0*	4281.5
45°	2834.7	2848.4	2999.4	3168.0	3320.9	3432.6	3442.4	3605.1	3940.3	*4528.5*	4587.3
47.5°	2952.3	2973.9	3168.0	3360.1	3528.7	3632.6	3616.9	3869.8	4175.6	*4904.9*	4912.7
50°	3022.9	3036.6	3234.6	3483.6	3691.4	3763.9	3797.2	4122.7	4389.3	*5261.6*	5214.6
52.5°	3073.9	3095.4	3289.5	3554.2	3787.4	3885.5	4005.0	4406.9	4557.9	*5553.7*	5428.3
55°	*2915.1*	*2946.4*	*3281.7*	*3585.5*	*3869.8*	*4034.4*	*4269.7*	*4640.2*	*4577.5*	*5685.1*	*5455.7*
57.5°	2736.7	2742.6	3073.9	3575.7	3961.9	4191.3	4512.8	4657.8	4395.2	*5445.9*	5177.3
60°	2474.0	2509.3	2848.4	3448.3	3977.6	4316.7	4677.5	4444.2	4061.9	*5002.9*	4599.0
62.5°	1736.9	1791.8	2234.8	3113.1	3865.9	4385.4	4650.0	4071.7	3644.3	*4318.7*	3865.9
65°	972.3	1019.4	1382.1	2511.2	3558.1	4369.7	4367.7	3573.8	2973.9	*3120.9*	2764.1
67.5°	533.2	570.5	717.5	1889.8	2822.9	4034.4	3773.7	2726.9	1993.7	*1981.9*	1725.1
70°	372.5	374.4	452.8	1276.2	2029.0	2815.1	2950.4	1829.0	1237.0	*1093.9*	923.3
72.5°	182.3	184.3	225.4	601.8	1240.9	1560.5	2023.1	950.8	694.0	*543.0*	462.6
75°	92.1	90.2	123.5	225.4	513.6	760.6	892.0	476.4	403.8	*298.0*	264.7
77.5°	58.8	60.8	72.5	123.5	231.3	296.0	274.5	258.8	237.2	*174.5*	150.9
80°	39.2	39.2	49.0	78.4	113.7	141.1	84.3	119.6	139.2	*101.9*	88.2
82.5°	11.8	11.8	29.4	43.1	54.9	56.9	37.2	54.9	78.4	*56.9*	43.1
85°	7.8	7.8	15.7	21.6	23.5	19.6	11.8	23.5	37.2	*25.5*	21.6
87.5°	0.0	0.0	0.0	2.0	2.0	2.0	2.0	2.0	2.0	*2.0*	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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Scaled Data Report

REPORT NUMBER: P1502312
CATALOG NUMBER: GSS-SB1D-835-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	942.9	942.9	942.9	942.9	942.9	942.9	942.9	942.9	942.9	942.9	942.9
2.5°	944.9	946.9	952.7	954.7	958.6	960.6	960.6	960.6	958.6	960.6	964.5
5°	960.6	970.4	978.2	976.3	976.3	966.5	958.6	942.9	935.1	933.1	935.1
7.5°	999.8	1007.6	1015.5	1003.7	974.3	929.2	880.2	841.0	807.7	792.0	797.9
10°	1070.4	1080.2	1080.2	1025.3	942.9	837.1	748.9	676.3	621.4	592.0	605.8
12.5°	1172.3	1180.1	1160.5	1044.9	888.0	713.6	566.5	445.0	374.4	339.1	331.3
15°	1289.9	1301.7	1235.0	1041.0	801.8	533.2	352.9	264.7	239.2	231.3	233.3
17.5°	1440.9	1446.8	1317.4	1009.6	652.8	348.9	250.9	225.4	219.6	215.6	215.6
20°	1627.1	1609.5	1384.0	956.7	476.4	274.5	231.3	211.7	205.8	203.9	205.8
22.5°	1827.1	1799.6	1438.9	856.7	360.7	258.8	221.5	200.0	192.1	190.2	190.2
25°	2036.8	1974.1	1482.0	709.7	337.2	254.8	209.8	182.3	174.5	170.6	170.6
27.5°	2276.0	2168.2	1505.6	594.0	343.1	249.0	196.0	166.6	154.9	150.9	150.9
30°	2540.6	2383.8	1507.5	570.5	354.8	241.1	182.3	149.0	137.2	131.3	133.3
32.5°	2862.1	2603.4	1501.6	607.7	362.7	235.2	166.6	131.3	121.5	115.7	115.7
35°	3195.4	2870.0	1478.1	678.3	366.6	217.6	147.0	115.7	103.9	101.9	103.9
37.5°	3526.7	3122.9	1444.8	717.5	347.0	178.4	119.6	100.0	92.1	92.1	92.1
40°	3828.6	3342.4	1399.7	684.2	276.4	129.4	98.0	86.3	82.3	80.4	82.3
42.5°	4054.1	3538.5	1317.4	576.3	196.0	103.9	86.3	76.5	72.5	72.5	74.5
45°	4301.1	3726.7	1158.6	423.4	149.0	90.2	74.5	66.7	64.7	64.7	66.7
47.5°	4550.0	3877.6	1005.7	282.3	129.4	80.4	66.7	60.8	58.8	56.9	58.8
50°	4740.2	3950.2	805.7	205.8	117.6	72.5	60.8	56.9	52.9	51.0	51.0
52.5°	4875.4	3930.5	590.1	176.4	107.8	66.7	56.9	52.9	47.0	47.0	47.0
55°	*4793.1*	*3679.6*	*425.4*	*158.8*	*100.0*	*62.7*	*54.9*	*49.0*	*45.1*	*43.1*	*43.1*
57.5°	4393.2	3136.6	307.8	143.1	88.2	58.8	52.9	47.0	41.2	39.2	39.2
60°	3818.8	2442.6	229.4	125.5	76.5	56.9	47.0	45.1	39.2	35.3	35.3
62.5°	3120.9	1778.1	178.4	107.8	68.6	49.0	45.1	41.2	35.3	31.4	29.4
65°	2166.2	1135.1	137.2	88.2	64.7	43.1	41.2	35.3	29.4	23.5	23.5
67.5°	1337.0	674.4	105.9	68.6	51.0	37.2	35.3	31.4	25.5	19.6	19.6
70°	739.1	356.8	72.5	51.0	39.2	29.4	27.4	27.4	21.6	17.6	15.7
72.5°	354.8	194.1	49.0	43.1	29.4	19.6	21.6	21.6	17.6	13.7	13.7
75°	213.7	115.7	33.3	33.3	19.6	15.7	15.7	17.6	13.7	9.8	9.8
77.5°	121.5	68.6	19.6	25.5	13.7	9.8	11.8	9.8	7.8	5.9	5.9
80°	68.6	39.2	11.8	17.6	7.8	5.9	5.9	3.9	3.9	2.0	2.0
82.5°	33.3	21.6	5.9	5.9	3.9	2.0	2.0	2.0	2.0	0.0	0.0
85°	15.7	3.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	0.0	0.0
87.5°	0.0	0.0	0.0	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

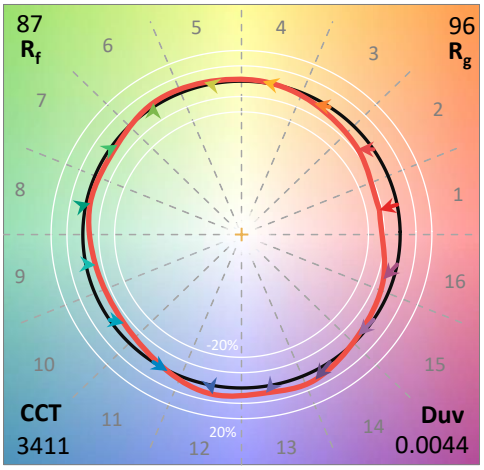
Test Information

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

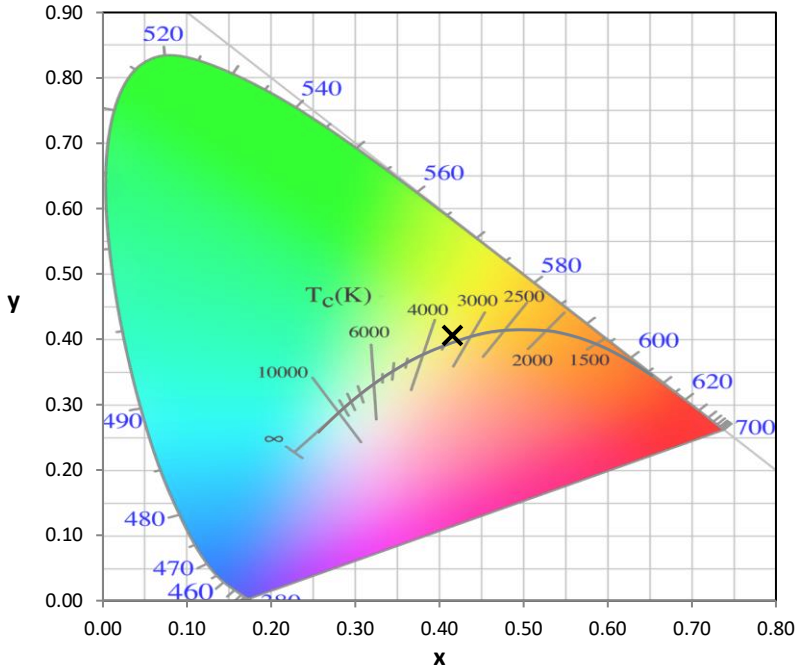
Stabilization Time:	35M
Operation Time:	1H 35M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-10

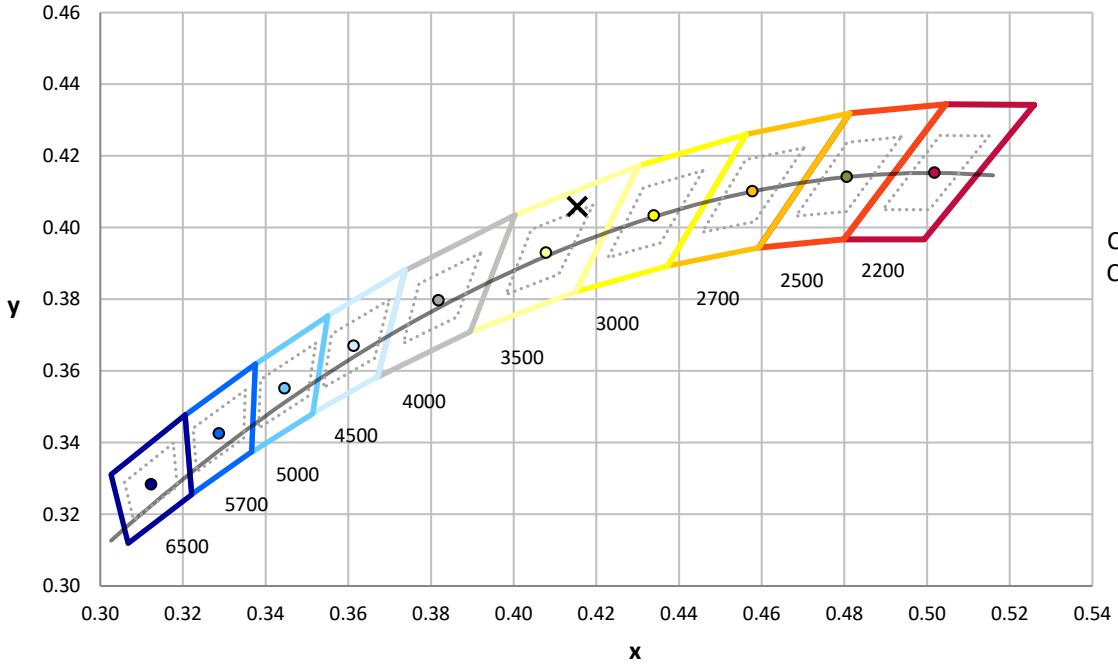
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

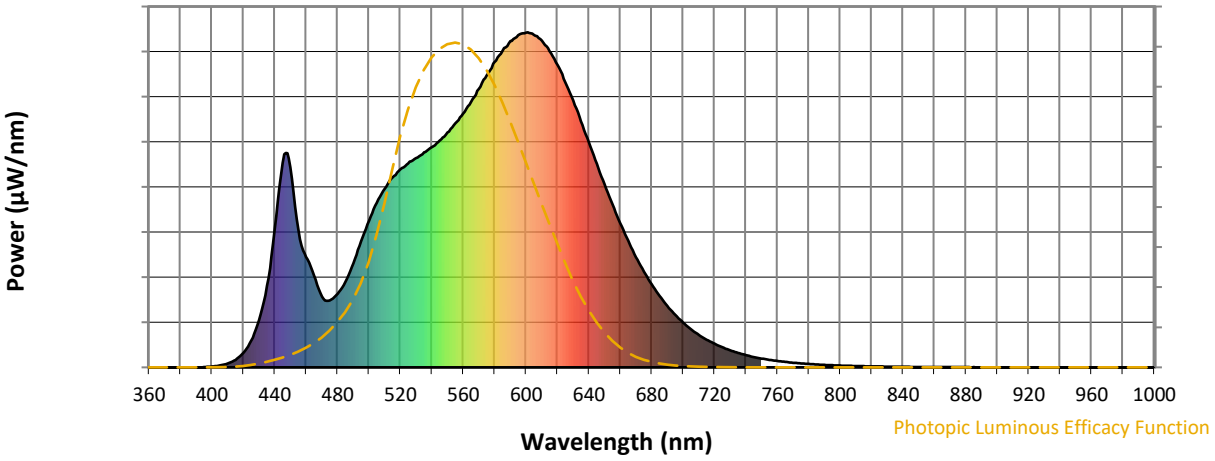


CCT = 3411K
CIE x = 0.4154
CIE y = 0.4059
Duv = 0.0044

Point lies inside the ANSI 3500K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-10

Photopic Flux vs. Wavelength

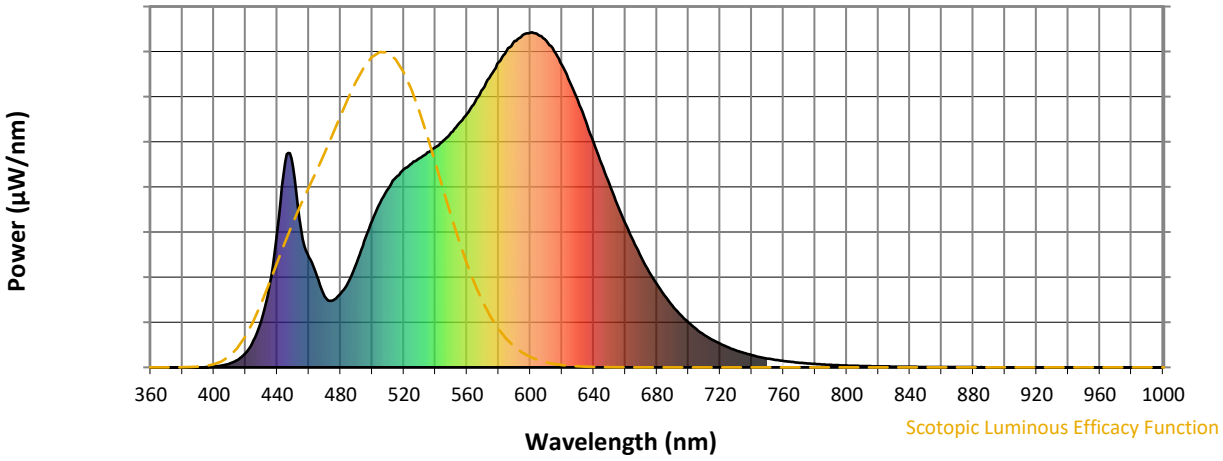


Photopic Lumens: NR

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

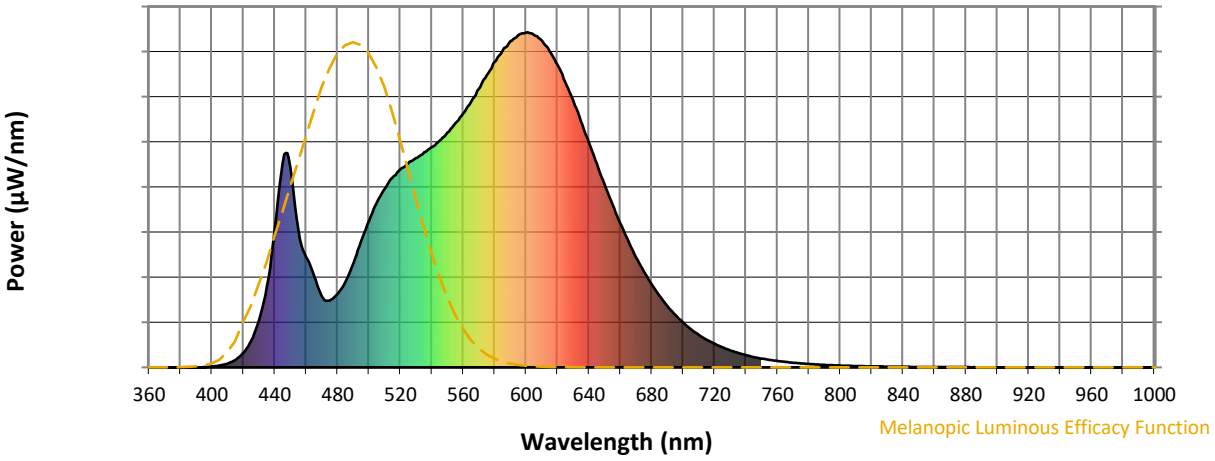


Scotopic Lumens: NR **S/P: 1.48**

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			

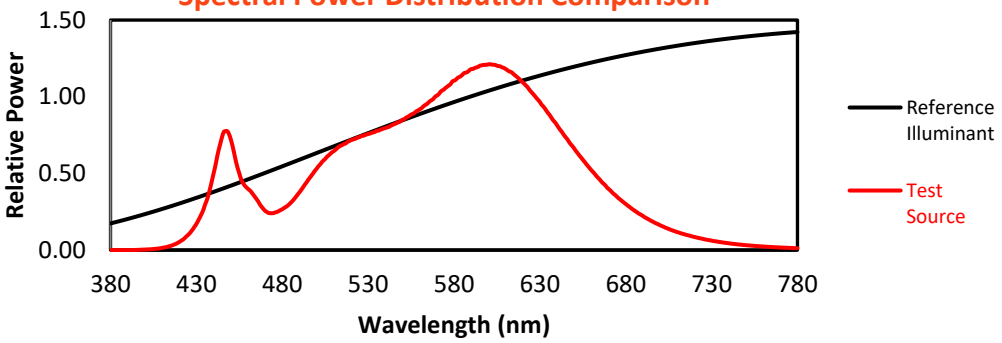
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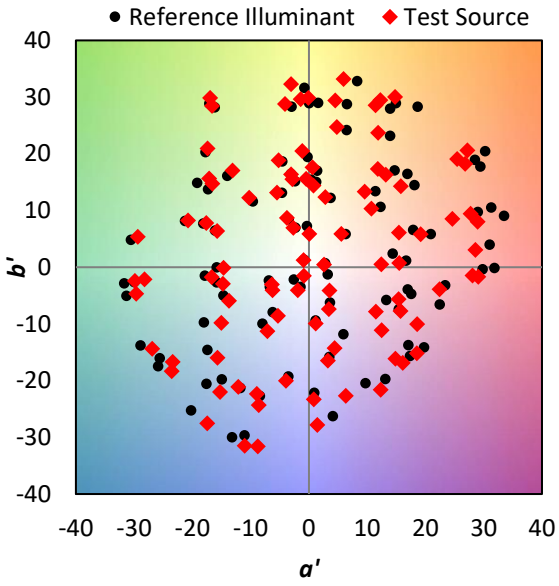
Summary

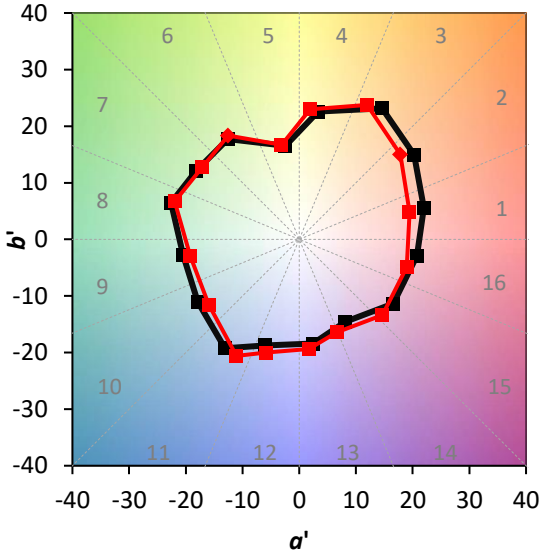
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R_g = 95.9
CIE R_a = 83.5
R_9 = 6.3

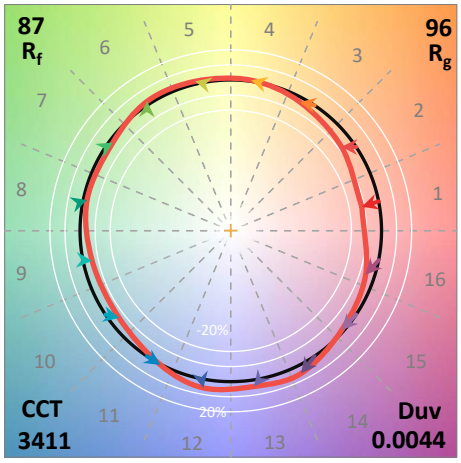
Spectral Power Distribution Comparison

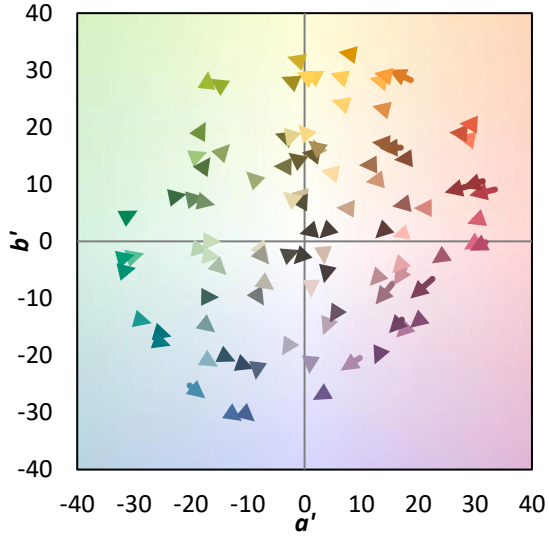


Color Vector Graphics







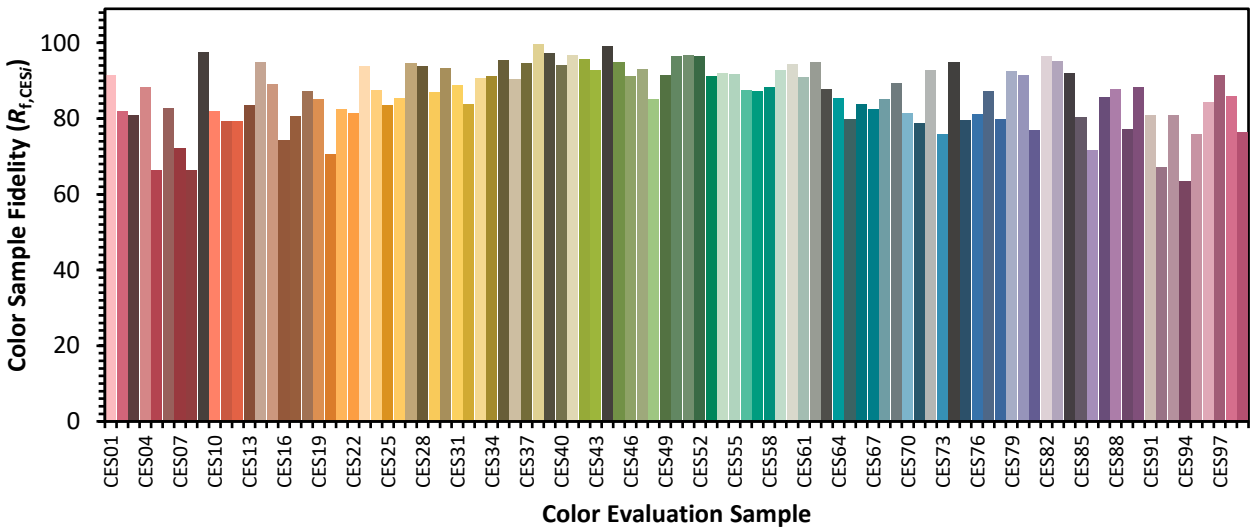


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Individual Sample Fidelity Index ($R_{f,i}$)

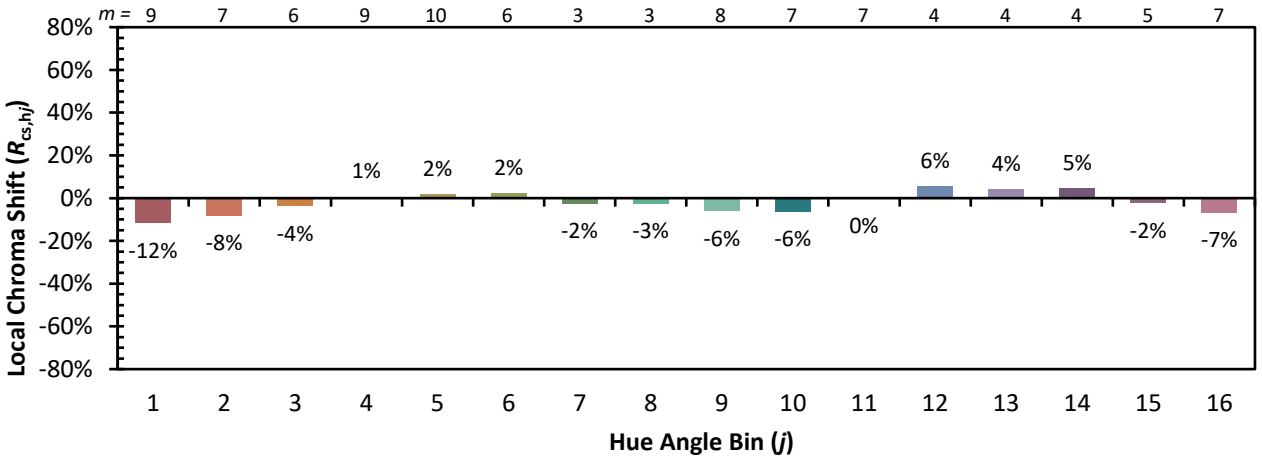
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82 = 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	

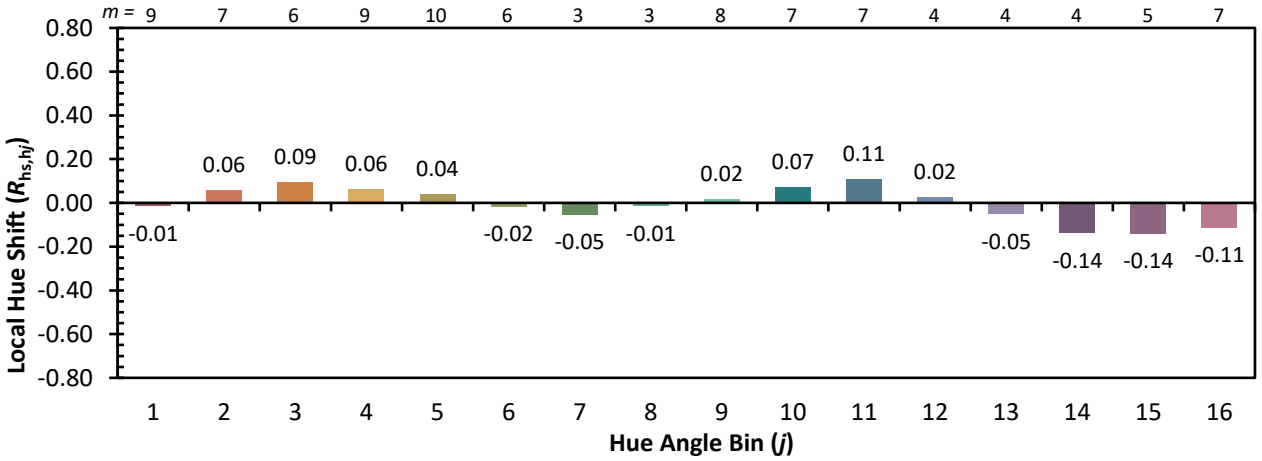


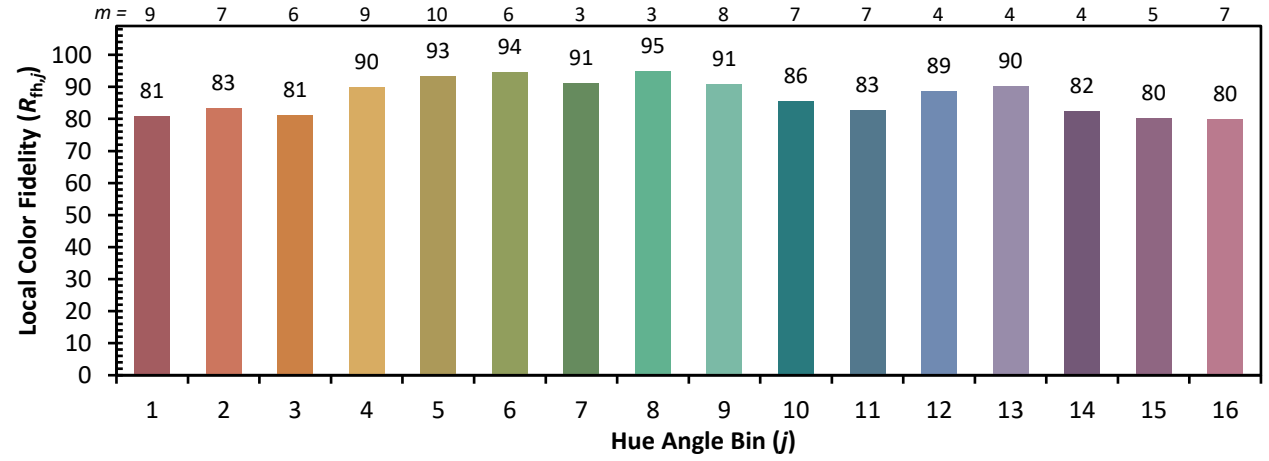
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Color Rendition by Hue-Angle Bin



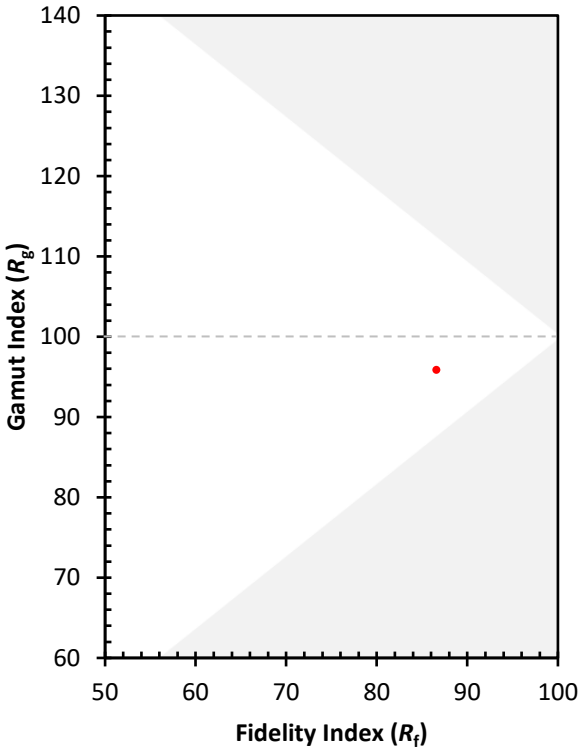


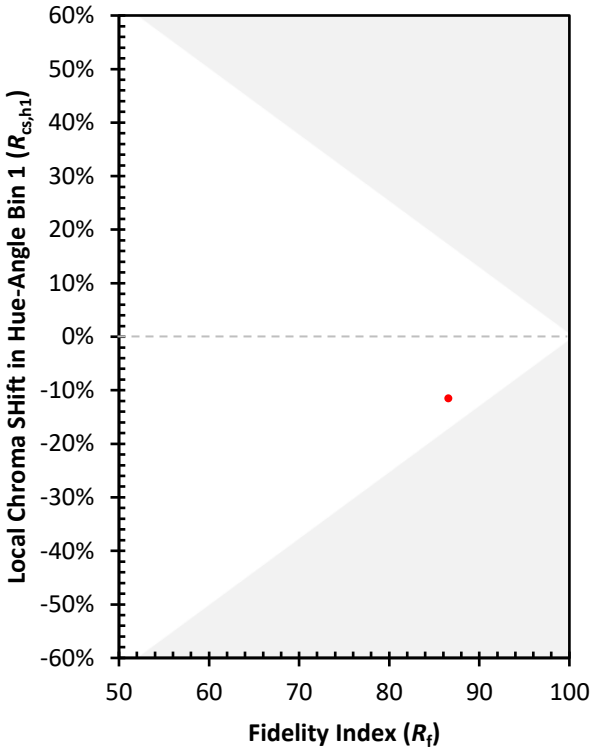


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Measure Comparisons





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