Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Peachtree City, GA 30269

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: P1501205

Luminaire Tested: GSS-SB1A-850-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:	P1501205
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB1A-850-U-T3LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 1SQUARE 31W 80CRI 5000K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(26) 5000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3978.3 lumens
Efficiency:	N/A
Efficacy:	128.3 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

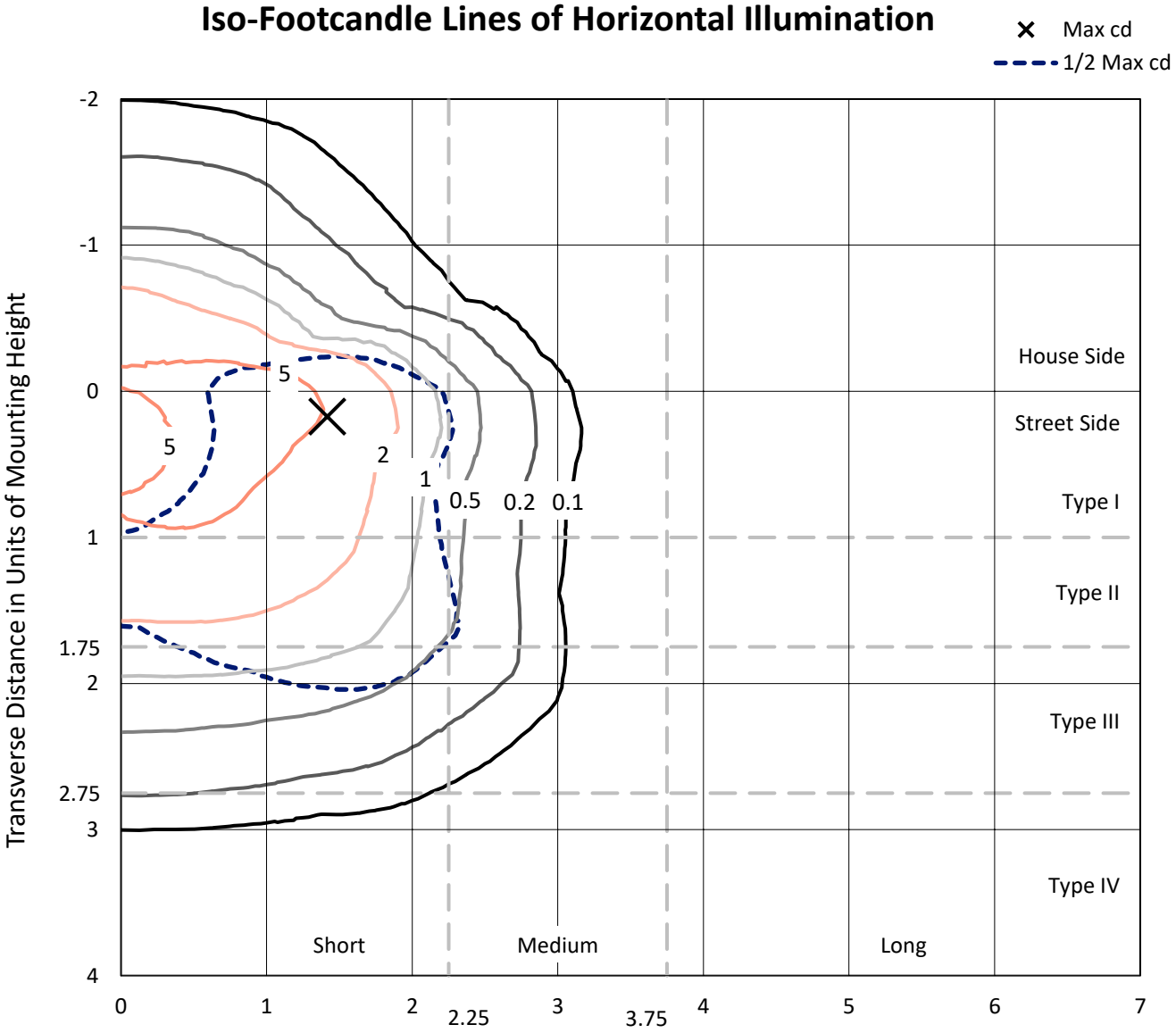
Input Watts (W):	31
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	6.4%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1501205
CATALOG NUMBER: GSS-SB1A-850-U-T3LG

Iso-Footcandle Lines of Horizontal Illumination



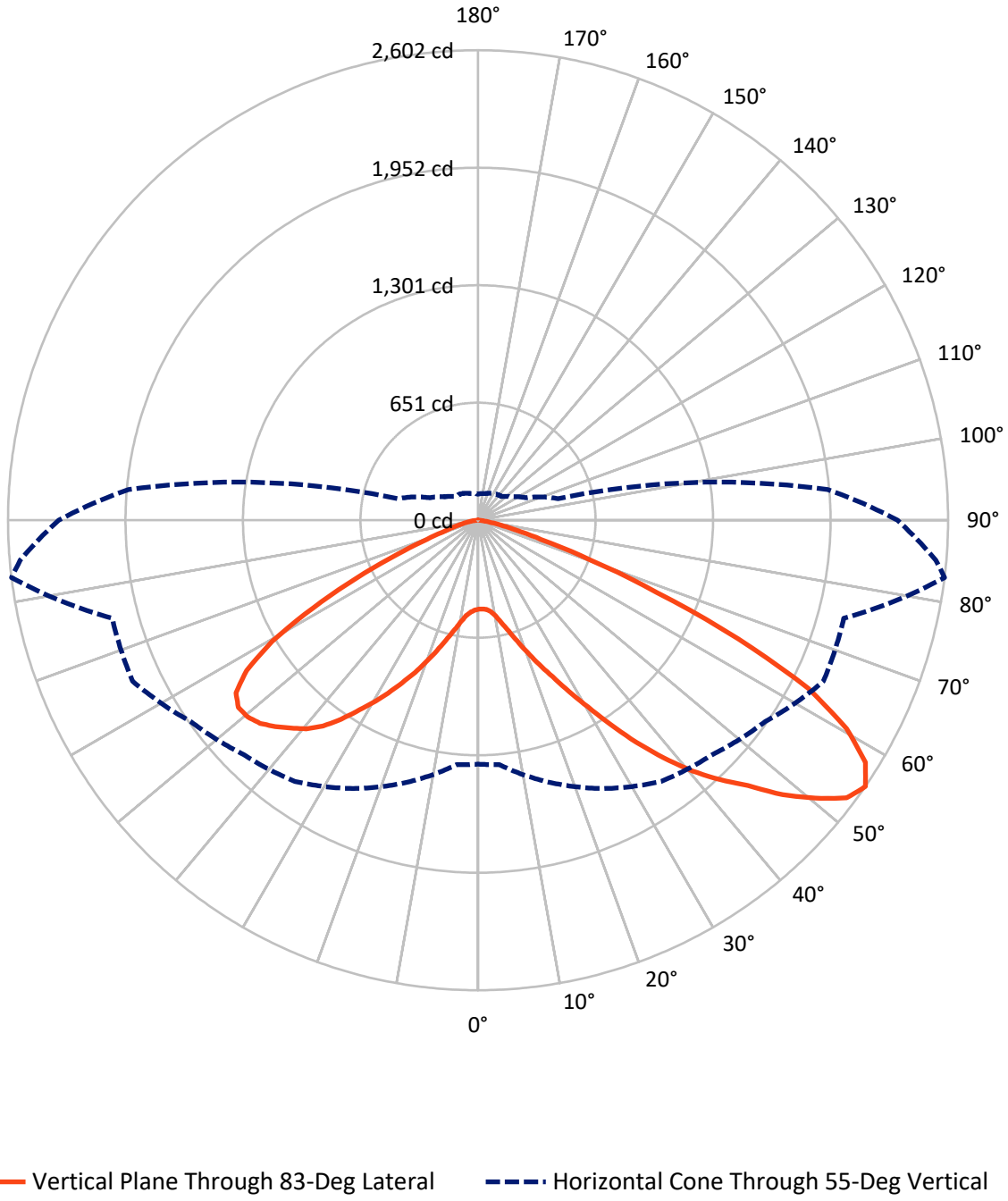
Based on 10 foot mounting height. Maximum calculated value = 8.3 fc
Type III - Short - N/A

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REPORT NUMBER: P1501205
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Luminous Intensity Polar Plot



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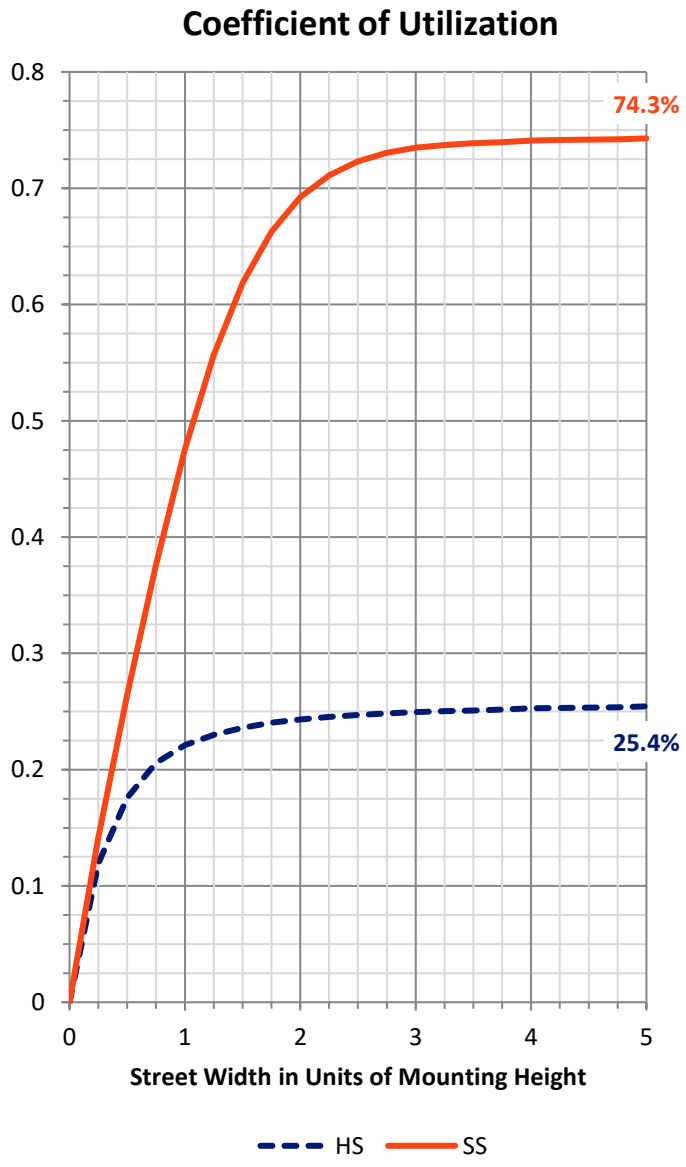
REPORT NUMBER: P1501205
CATALOG NUMBER: GSS-SB1A-850-U-T3LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1020.9	0.0	1020.9
	% Fixture	25.7	0.0	25.7
Street Side	Lumens	2957.4	0.0	2957.4
	% Fixture	74.3	0.0	74.3
Total	Lumens	3978.3	0.0	3978.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	47.6	1.2
10°-20°	155.0	3.9
20°-30°	310.3	7.8
30°-40°	552.1	13.9
40°-50°	832.0	20.9
50°-60°	1013.9	25.5
60°-70°	819.9	20.6
70°-80°	224.6	5.6
80°-90°	22.9	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°	3978.3	100.0
0°-180°	3978.3	100.0



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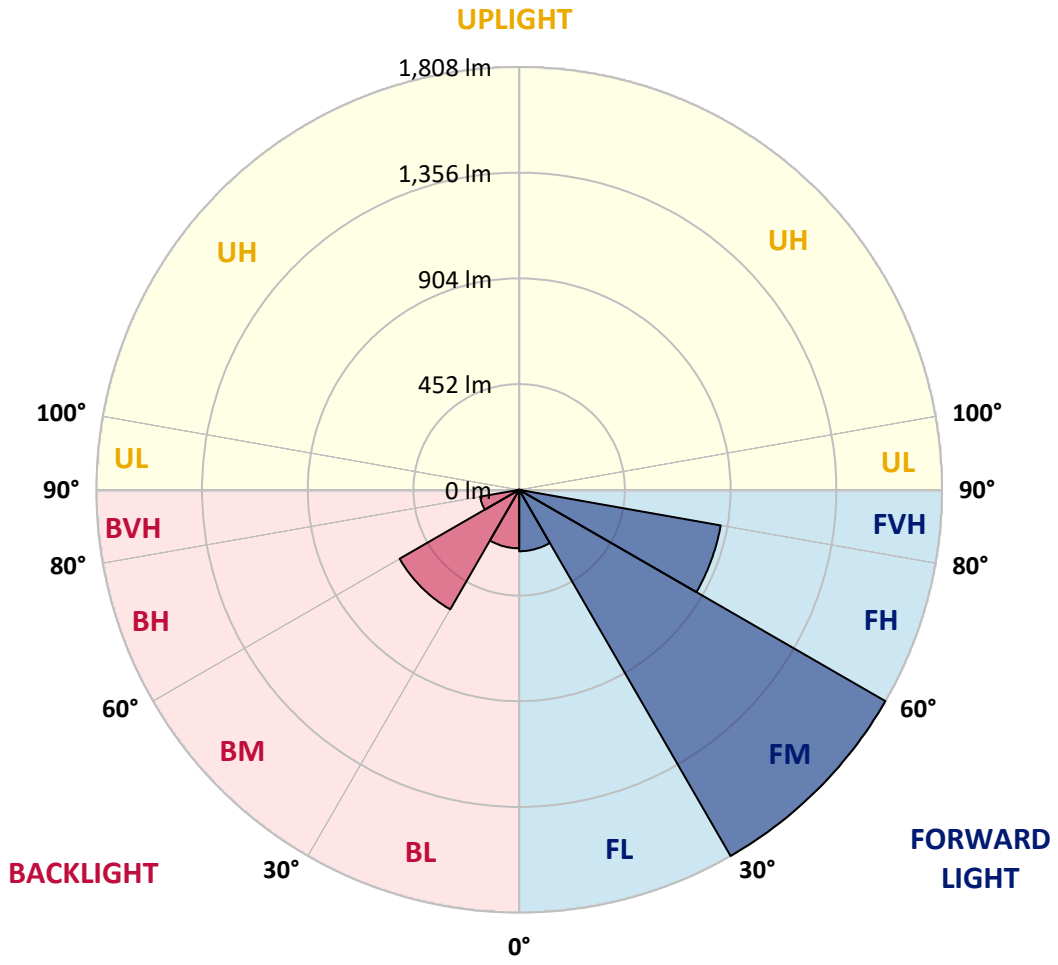
Scaled Data Report

REPORT NUMBER: P1501205
CATALOG NUMBER: GSS-SB1A-850-U-T3LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	262.7	6.6			
FM	(30°-60°)	1807.9	45.4			
FH	(60°-80°)	874.9	22.0			G1/1800
FVH	(80°-90°)	11.9	0.3			G1/100
BL	(0°-30°)	250.3	6.3	B1/500		
BM	(30°-60°)	590.2	14.8	B1/1000		
BH	(60°-80°)	169.5	4.3	B1/500		G1/500
BVH	(80°-90°)	11.0	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: P1501205
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	83°	85°
0°	492.5	492.5	492.5	492.5	492.5	492.5	492.5	492.5	492.5	*492.5*	492.5
2.5°	478.3	477.4	476.6	475.7	477.4	480.1	482.7	484.5	488.9	*492.5*	490.7
5°	440.3	438.5	440.3	447.4	453.6	464.2	474.8	481.9	491.6	*496.0*	497.8
7.5°	406.7	404.9	406.7	415.6	426.2	443.0	465.1	482.7	500.4	*511.0*	512.8
10°	406.7	407.6	407.6	411.1	416.4	433.2	459.8	493.4	524.3	*539.3*	542.9
12.5°	420.0	420.0	420.0	424.4	427.9	441.2	471.3	512.8	562.3	*584.4*	587.1
15°	437.7	436.8	439.4	442.1	448.3	461.5	491.6	541.1	603.9	*637.5*	641.0
17.5°	462.4	460.6	463.3	469.5	478.3	493.4	523.4	580.0	661.3	*703.8*	709.1
20°	489.8	488.9	494.2	504.0	516.3	534.9	569.4	626.9	726.8	*780.7*	790.4
22.5°	522.5	520.8	530.5	548.2	565.0	586.2	627.7	687.9	801.9	*866.5*	876.2
25°	559.7	559.7	572.9	594.1	619.8	657.8	699.4	765.7	890.3	*959.3*	974.3
27.5°	620.7	625.1	630.4	652.5	688.8	740.0	784.2	859.4	986.7	*1073.4*	1078.7
30°	719.7	717.9	726.8	741.8	771.9	825.8	892.1	972.6	1108.7	*1199.8*	1213.1
32.5°	809.0	811.6	824.0	852.3	888.6	934.5	1014.1	1113.1	1241.3	*1346.6*	1352.7
35°	899.2	900.9	924.8	967.3	1021.2	1072.5	1159.1	1256.4	1385.5	*1510.1*	1526.9
37.5°	1025.6	1023.8	1047.7	1084.0	1156.5	1236.0	1305.9	1398.7	1523.4	*1669.3*	1688.7
40°	1120.2	1129.9	1175.0	1221.0	1289.1	1371.3	1430.6	1518.1	1636.6	*1824.9*	1842.6
42.5°	1217.5	1225.4	1285.6	1354.5	1426.1	1481.8	1527.8	1609.2	1726.7	*1962.8*	1972.5
45°	1297.9	1308.5	1377.5	1465.0	1539.3	1595.9	1611.8	1687.8	1818.7	*2095.4*	2110.5
47.5°	1349.2	1360.7	1442.0	1544.6	1620.6	1680.8	1675.5	1782.4	1916.8	*2271.4*	2266.1
50°	1384.6	1391.7	1480.1	1589.7	1688.7	1728.5	1751.5	1889.4	2017.6	*2419.0*	2399.6
52.5°	1410.2	1421.7	1502.2	1622.4	1726.7	1778.9	1840.8	2013.2	2087.5	*2554.3*	2511.0
55°	*1350.1*	*1358.9*	*1500.4*	*1639.2*	*1765.6*	*1834.6*	*1942.5*	*2109.6*	*2096.3*	*2602.1*	*2543.7*
57.5°	1288.2	1295.3	1426.1	1634.8	1808.1	1903.6	2058.3	2122.0	2017.6	*2528.7*	2455.3
60°	1210.4	1215.7	1346.6	1587.9	1809.0	1957.5	2117.5	2031.8	1871.7	*2343.9*	2274.0
62.5°	1067.2	1067.2	1211.3	1461.5	1764.8	1984.9	2101.6	1861.1	1676.3	*2053.0*	1956.6
65°	925.7	919.5	1016.8	1236.0	1647.2	1977.8	1982.3	1645.4	1373.1	*1583.5*	1508.4
67.5°	771.9	772.7	830.2	1003.5	1334.2	1830.2	1730.3	1271.4	956.7	*1066.3*	1027.4
70°	522.5	535.8	594.1	728.5	1006.2	1297.0	1377.5	861.2	596.8	*662.2*	630.4
72.5°	198.9	201.6	269.7	382.0	635.7	779.8	961.1	481.9	349.2	*365.2*	366.9
75°	84.0	87.5	114.9	160.9	282.0	425.3	505.7	244.0	212.2	*218.4*	216.6
77.5°	56.6	58.4	69.8	86.6	127.3	170.6	211.3	137.9	130.0	*122.0*	118.5
80°	42.4	42.4	50.4	58.4	71.6	87.5	92.0	69.8	77.8	*64.5*	62.8
82.5°	27.4	29.2	31.8	34.5	40.7	43.3	37.1	38.0	45.1	*33.6*	31.8
85°	13.3	14.1	15.0	15.9	15.9	15.0	13.3	16.8	23.0	*14.1*	13.3
87.5°	1.8	1.8	1.8	1.8	1.8	1.8	0.9	0.9	0.9	*0.9*	0.9
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: P1501205
CATALOG NUMBER: GSS-SB1A-850-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	492.5	492.5	492.5	492.5	492.5	492.5	492.5	492.5	492.5	492.5	492.5
2.5°	493.4	496.9	499.5	501.3	505.7	504.8	507.5	509.3	511.0	513.7	510.2
5°	502.2	508.4	515.5	520.8	526.1	528.7	529.6	531.4	532.3	534.0	533.1
7.5°	521.6	528.7	539.3	544.6	549.1	549.1	546.4	545.5	542.9	544.6	544.6
10°	554.4	565.0	576.5	577.4	572.0	565.9	556.1	550.8	543.8	542.0	540.2
12.5°	602.1	616.3	625.1	618.9	600.3	577.4	551.7	527.8	509.3	501.3	499.5
15°	656.0	673.7	675.5	657.8	624.2	568.5	514.6	488.1	478.3	478.3	477.4
17.5°	730.3	742.7	735.6	693.2	618.0	527.0	488.1	483.6	486.3	489.8	489.8
20°	808.1	822.3	793.1	717.9	580.0	502.2	490.7	494.2	500.4	504.0	503.1
22.5°	900.9	908.0	851.4	718.8	539.3	496.0	496.0	500.4	504.8	510.2	510.2
25°	996.4	993.8	905.4	686.1	516.3	494.2	492.5	496.0	497.8	500.4	499.5
27.5°	1103.4	1089.3	946.9	633.9	509.3	488.9	480.1	476.6	478.3	481.0	481.9
30°	1226.3	1192.7	980.5	601.2	506.6	476.6	455.3	445.6	443.8	447.4	447.4
32.5°	1368.7	1296.2	1000.9	596.8	504.0	454.5	426.2	407.6	404.1	405.8	410.2
35°	1514.5	1420.8	995.6	608.3	504.8	436.8	395.2	370.5	366.9	368.7	373.1
37.5°	1667.5	1539.3	975.2	626.0	497.8	412.9	366.9	336.9	331.6	335.1	336.9
40°	1786.0	1639.2	924.8	633.1	485.4	382.8	334.2	308.6	294.4	293.5	298.0
42.5°	1895.6	1717.9	870.0	621.6	459.8	351.0	300.6	275.0	252.9	236.1	236.1
45°	2005.3	1797.5	814.3	588.8	417.3	317.4	265.2	230.8	205.1	192.7	193.6
47.5°	2114.9	1874.4	748.0	539.3	374.9	282.0	227.2	199.8	182.1	172.4	172.4
50°	2216.6	1930.1	663.1	460.6	326.3	246.7	200.7	184.8	171.5	162.7	160.9
52.5°	2305.9	1967.2	548.2	365.2	273.2	206.9	186.6	174.2	164.5	154.7	152.1
55°	*2321.8*	*1942.5*	*458.9*	*293.5*	*225.5*	*185.7*	*175.9*	*165.3*	*152.1*	*147.7*	*145.0*
57.5°	2223.6	1811.6	387.3	247.6	192.7	170.6	167.1	154.7	144.1	139.7	137.0
60°	2056.5	1573.8	320.1	212.2	171.5	156.5	160.9	148.5	131.7	129.1	126.4
62.5°	1755.9	1228.1	255.5	178.6	155.6	145.9	150.3	132.6	118.5	114.9	114.1
65°	1365.1	878.8	214.8	157.4	143.2	135.3	133.5	117.6	107.0	104.3	104.3
67.5°	953.1	558.8	179.5	144.1	127.3	122.0	121.1	110.5	103.4	100.8	100.8
70°	583.5	338.6	151.2	131.7	112.3	102.6	108.8	107.0	96.4	93.7	92.8
72.5°	303.3	202.5	132.6	121.1	94.6	87.5	97.3	98.1	89.3	92.8	92.0
75°	175.9	140.6	115.8	107.0	75.2	73.4	84.9	93.7	86.6	89.3	87.5
77.5°	100.8	90.2	89.3	87.5	59.2	60.1	76.0	84.0	74.3	76.9	70.7
80°	55.7	58.4	61.9	54.8	41.6	46.9	61.0	67.2	56.6	55.7	51.3
82.5°	29.2	36.3	41.6	35.4	23.9	28.3	41.6	41.6	36.3	34.5	33.6
85°	13.3	15.0	19.5	17.7	8.8	10.6	19.5	21.2	18.6	16.8	15.9
87.5°	0.9	0.9	0.9	0.9	0.9	0.9	1.8	2.7	0.9	0.9	0.9
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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Peachtree City, GA 30269

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-12

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-850-U-5WQ

Data in this report applies to families of products including GSS-SB1A-850-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

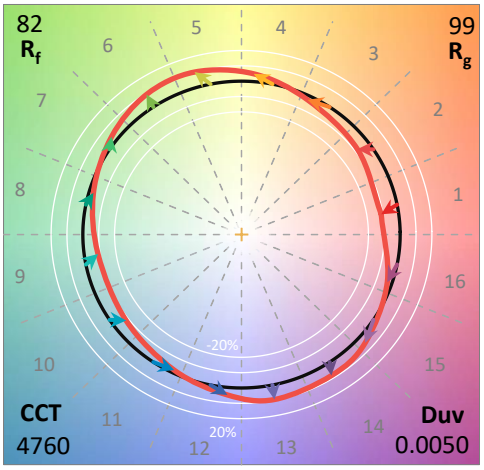
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-12
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-850-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 5000K CCT 26 LEDS

Spectral Parameters

CCT (K):	4760
CIE u':	0.2107
CIE v':	0.4939
Duv:	0.0050
CIE x:	0.3537
CIE y:	0.3685
CIE z:	0.2779
Peak Wavelength (nm):	443
Dominant Wavelength (nm):	571
Purity:	16.69598
Rf:	82
Rg:	99.4

CRI (Ra):	81.1				
R1:	79.8	R9:	8.7		
R2:	83.5	R10:	62.4		
R3:	87.9	R11:	83.8		
R4:	83.1	R12:	63.0		
R5:	80.5	R13:	79.9		
R6:	79.1	R14:	93.3		
R7:	86.1	R15:	72.7		
R8:	69.0				



Test Conditions

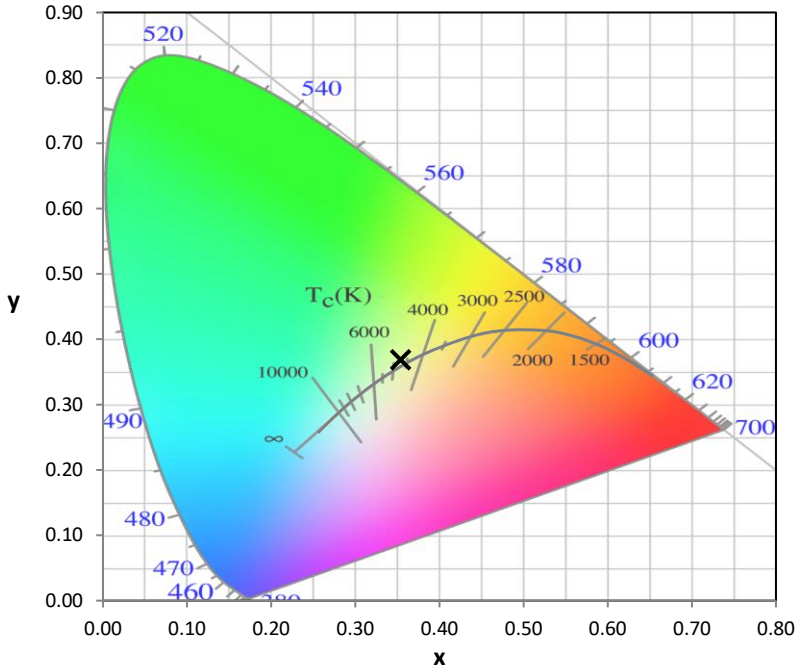
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-12

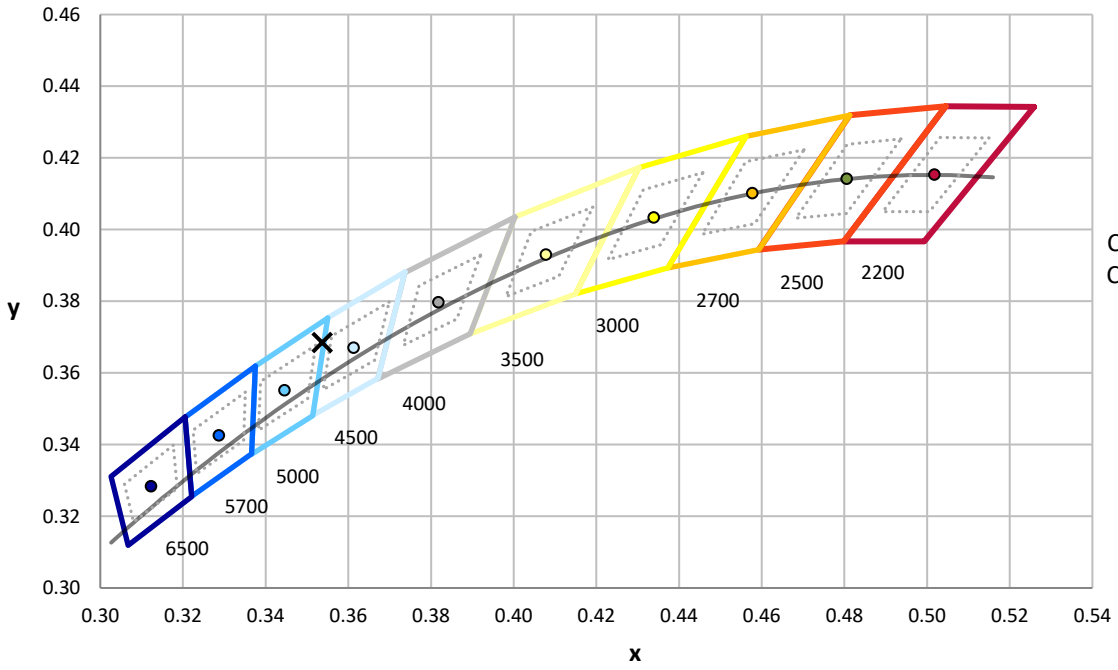
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-12

CIE 1931 Chromaticity Diagram



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

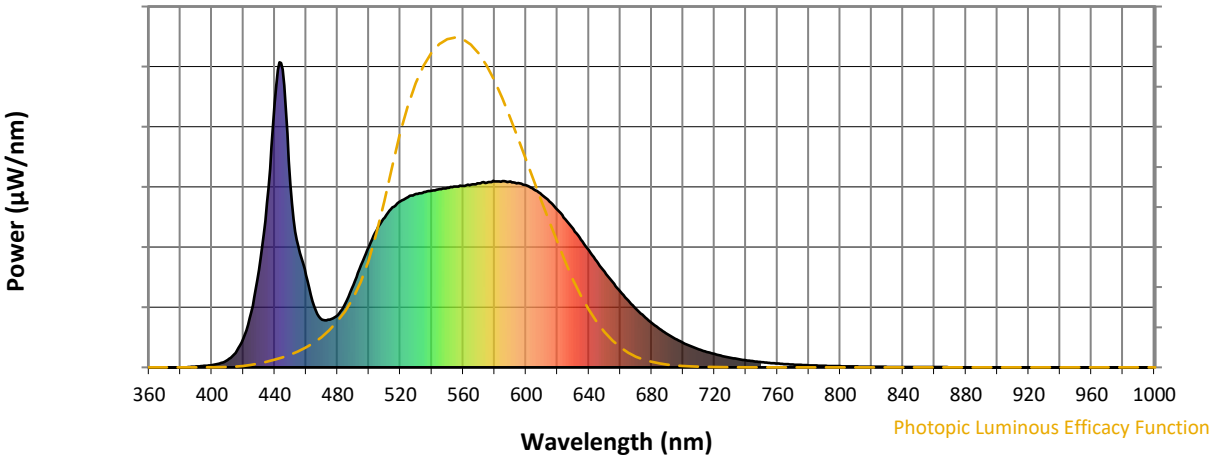


CCT = 4760K
CIE x = 0.3537
CIE y = 0.3685
Duv = 0.0050

Point lies inside the ANSI 5000K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-12

Photopic Flux vs. Wavelength

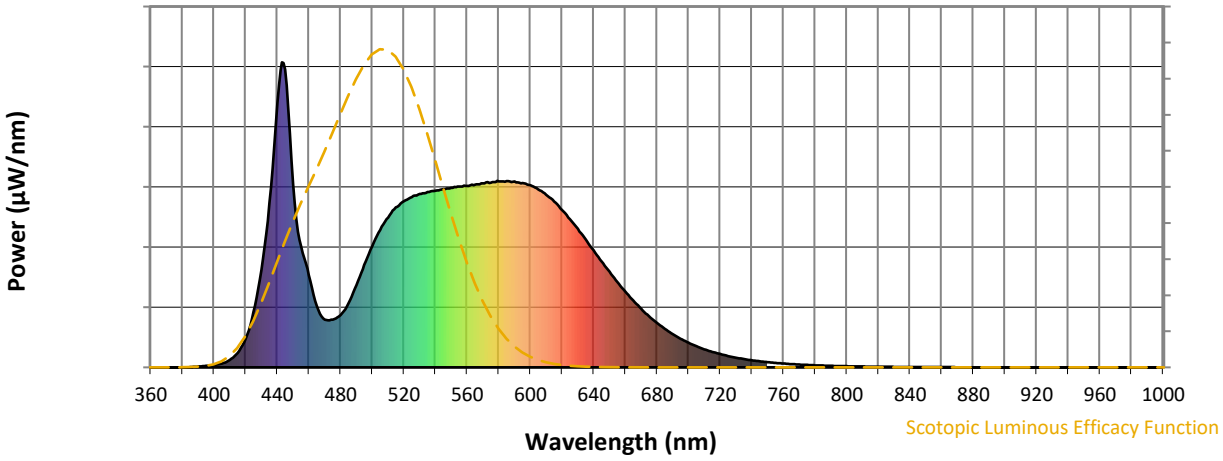


Photopic Lumens: NR

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

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Scotopic Flux vs. Wavelength

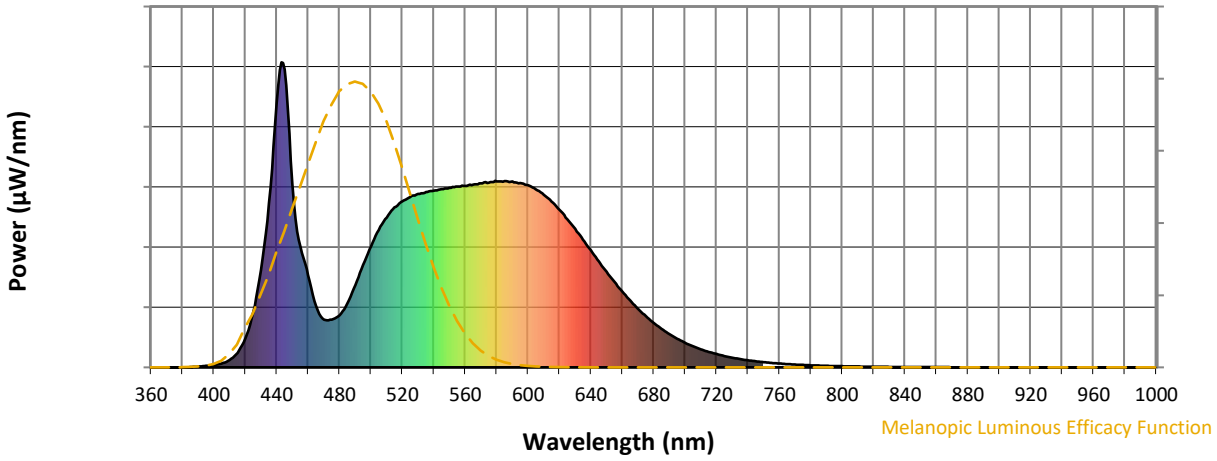


Scotopic Lumens: NR **S/P: 1.83**

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.74**

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

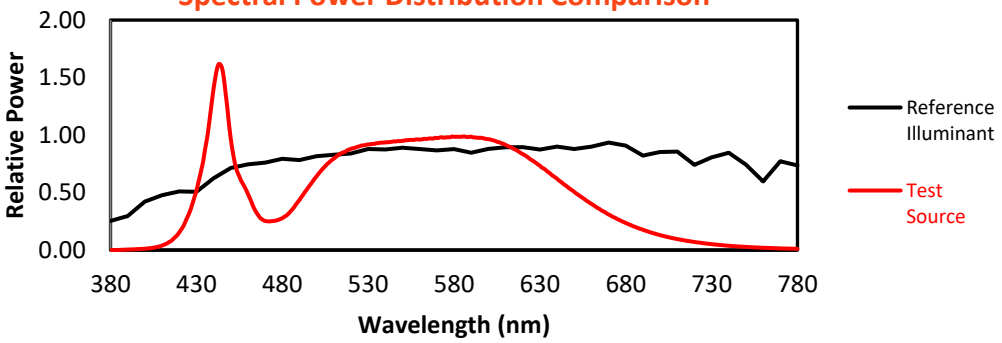
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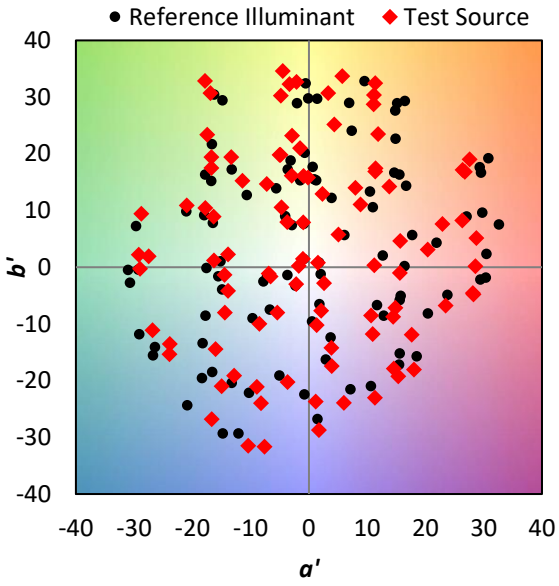
Summary

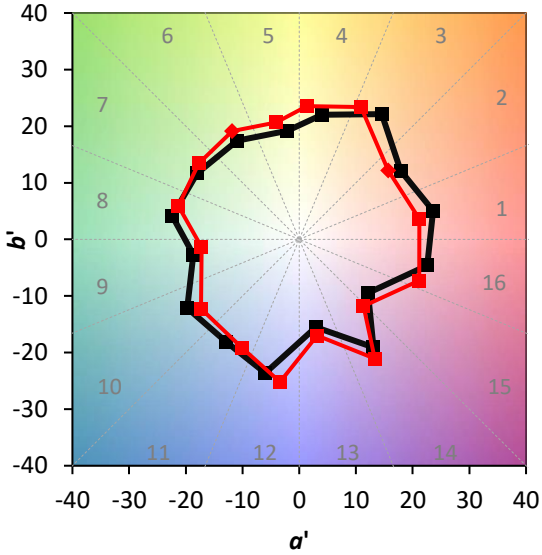
R_f = 82
R_g = 99.4
CIE R_a = 81.1
R_9 = 8.7

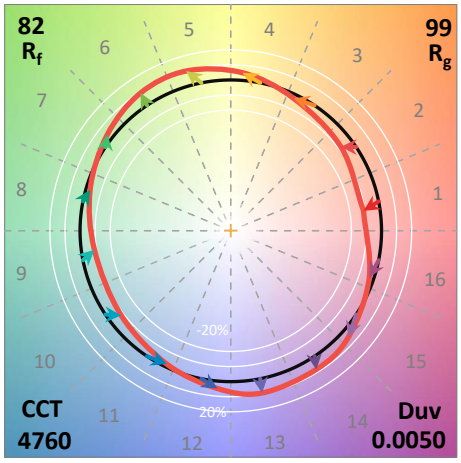
Spectral Power Distribution Comparison

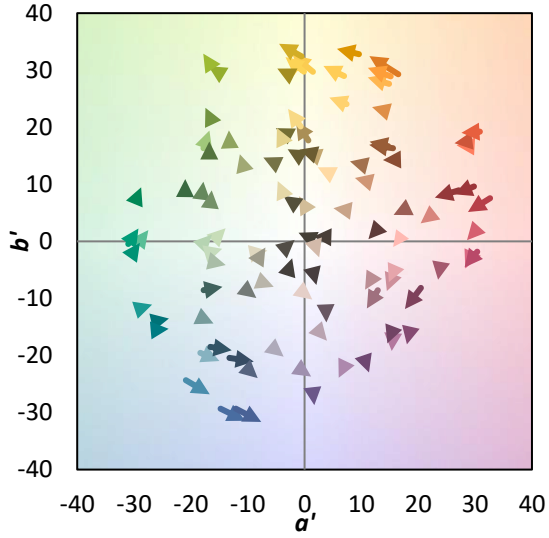


Color Vector Graphics







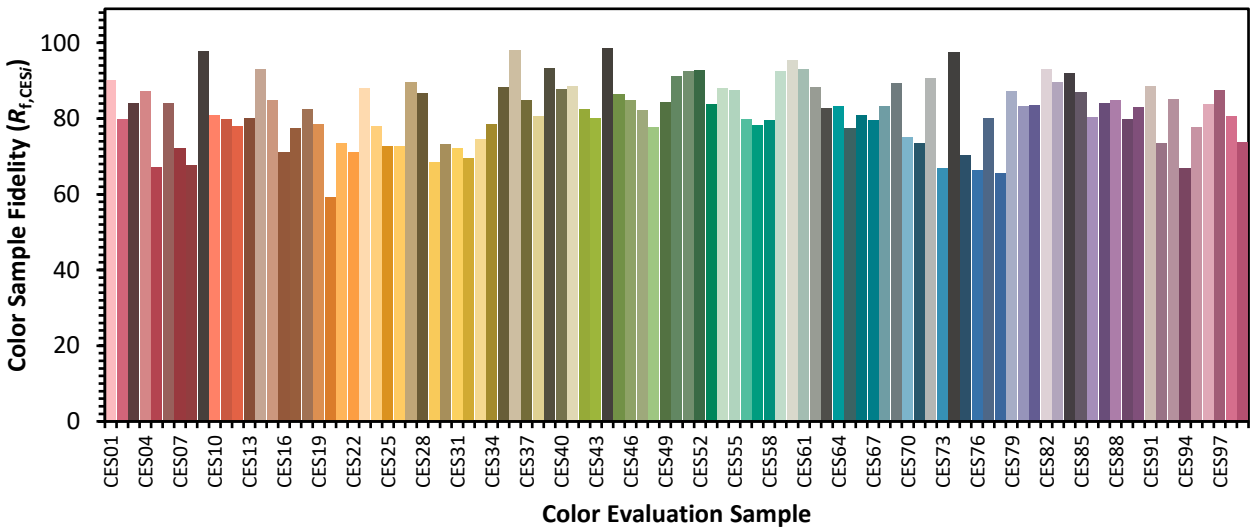


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Individual Sample Fidelity Index ($R_{f,i}$)

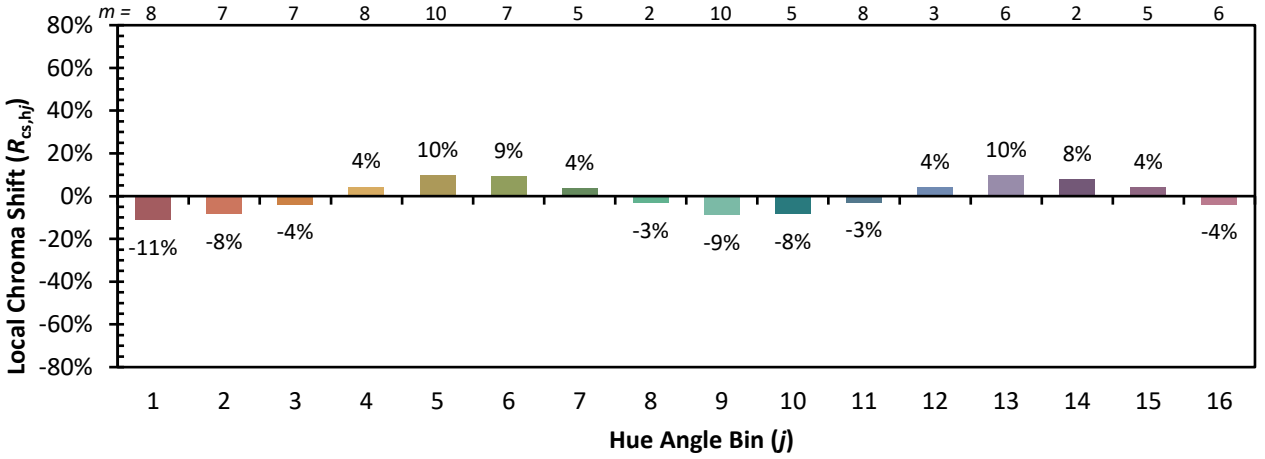
CES01 = 85	CES26 = 73	CES51 = 92	CES76 = 66
CES02 = 60	CES27 = 90	CES52 = 93	CES77 = 80
CES03 = 30	CES28 = 87	CES53 = 84	CES78 = 65
CES04 = 69	CES29 = 69	CES54 = 88	CES79 = 87
CES05 = 47	CES30 = 73	CES55 = 88	CES80 = 83
CES06 = 50	CES31 = 72	CES56 = 80	CES81 = 84
CES07 = 40	CES32 = 69	CES57 = 78	CES82 = 93
CES08 = 39	CES33 = 75	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 78	CES59 = 93	CES84 = 92
CES10 = 73	CES35 = 88	CES60 = 95	CES85 = 87
CES11 = 56	CES36 = 98	CES61 = 93	CES86 = 80
CES12 = 62	CES37 = 85	CES62 = 88	CES87 = 84
CES13 = 42	CES38 = 81	CES63 = 83	CES88 = 85
CES14 = 74	CES39 = 93	CES64 = 83	CES89 = 80
CES15 = 71	CES40 = 88	CES65 = 77	CES90 = 83
CES16 = 46	CES41 = 89	CES66 = 81	CES91 = 89
CES17 = 48	CES42 = 82	CES67 = 80	CES92 = 73
CES18 = 55	CES43 = 80	CES68 = 83	CES93 = 85
CES19 = 70	CES44 = 99	CES69 = 89	CES94 = 67
CES20 = 64	CES45 = 87	CES70 = 75	CES95 = 78
CES21 = 85	CES46 = 85	CES71 = 73	CES96 = 84
CES22 = 77	CES47 = 82	CES72 = 91	CES97 = 87
CES23 = 91	CES48 = 78	CES73 = 67	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 74
CES25 = 71	CES50 = 91	CES75 = 70	

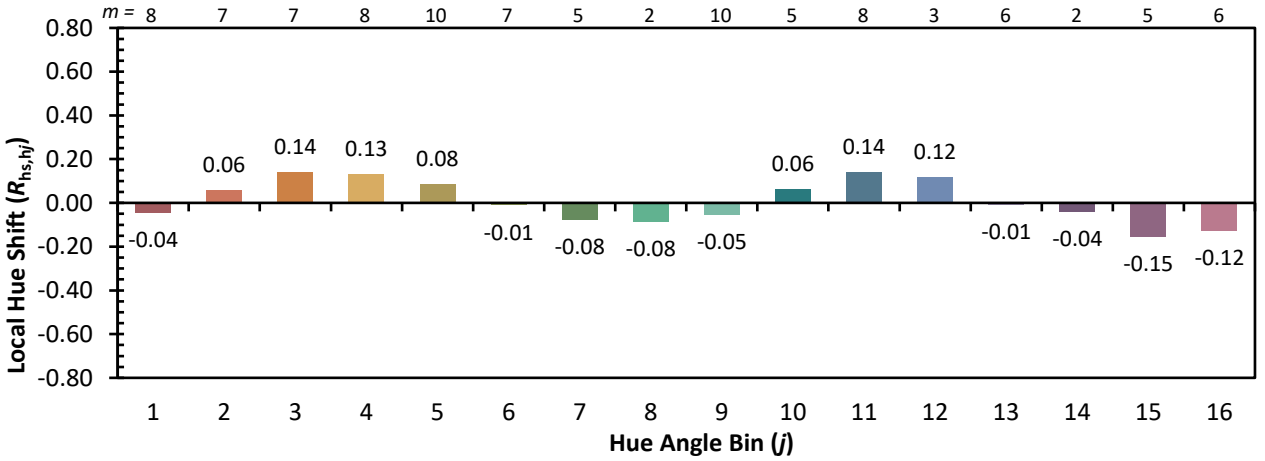


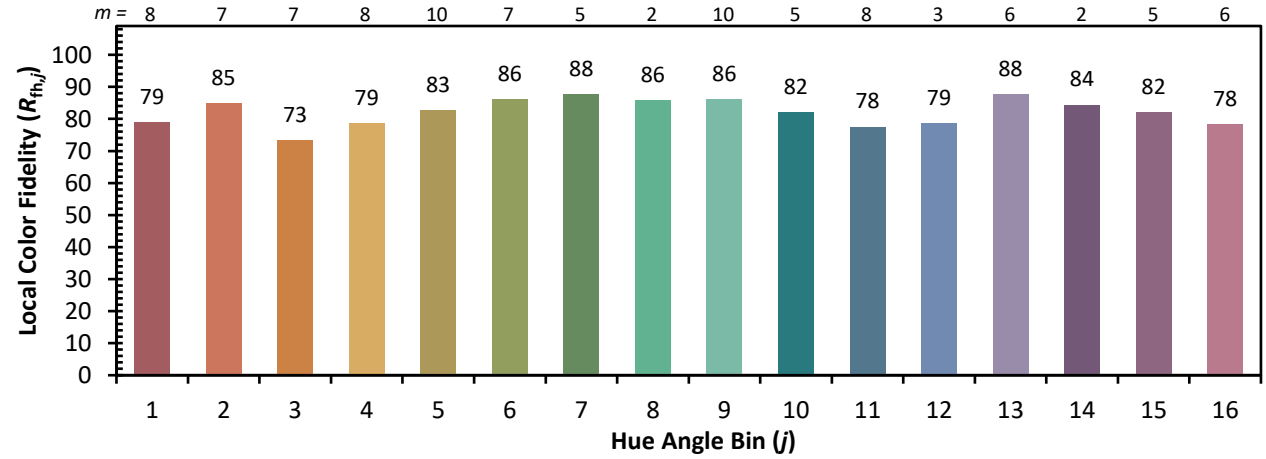
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Color Rendition by Hue-Angle Bin



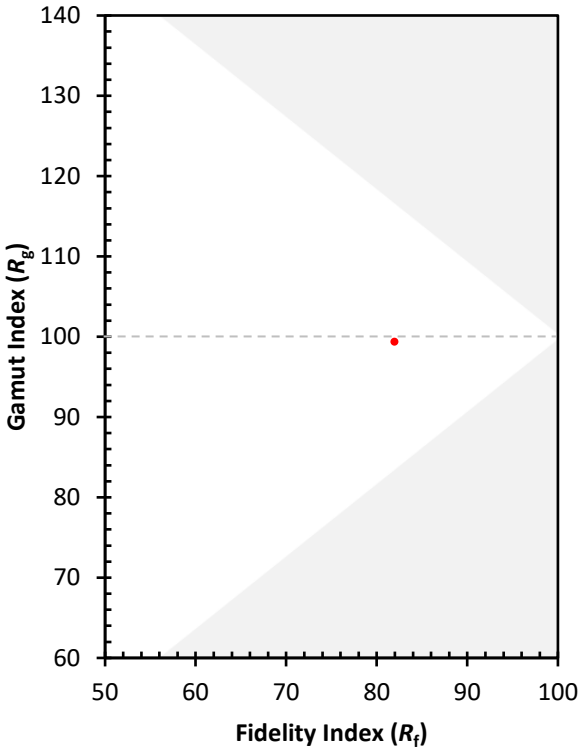


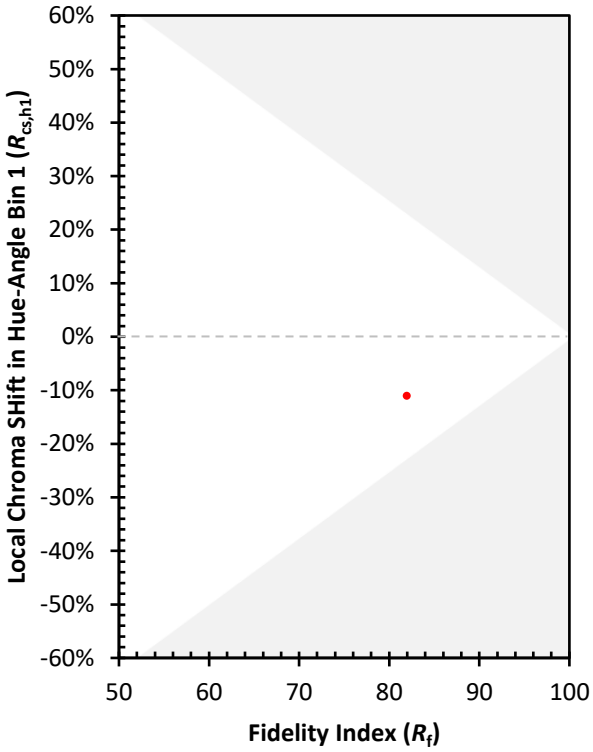


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Measure Comparisons





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