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: P1501109

Luminaire Tested: GSS-SB1A-827-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:	P1501109
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB1A-827-U-T3LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 1SQUARE 31W 80CRI 2700K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(26) 2700K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3617.4 lumens
Efficiency:	N/A
Efficacy:	116.7 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

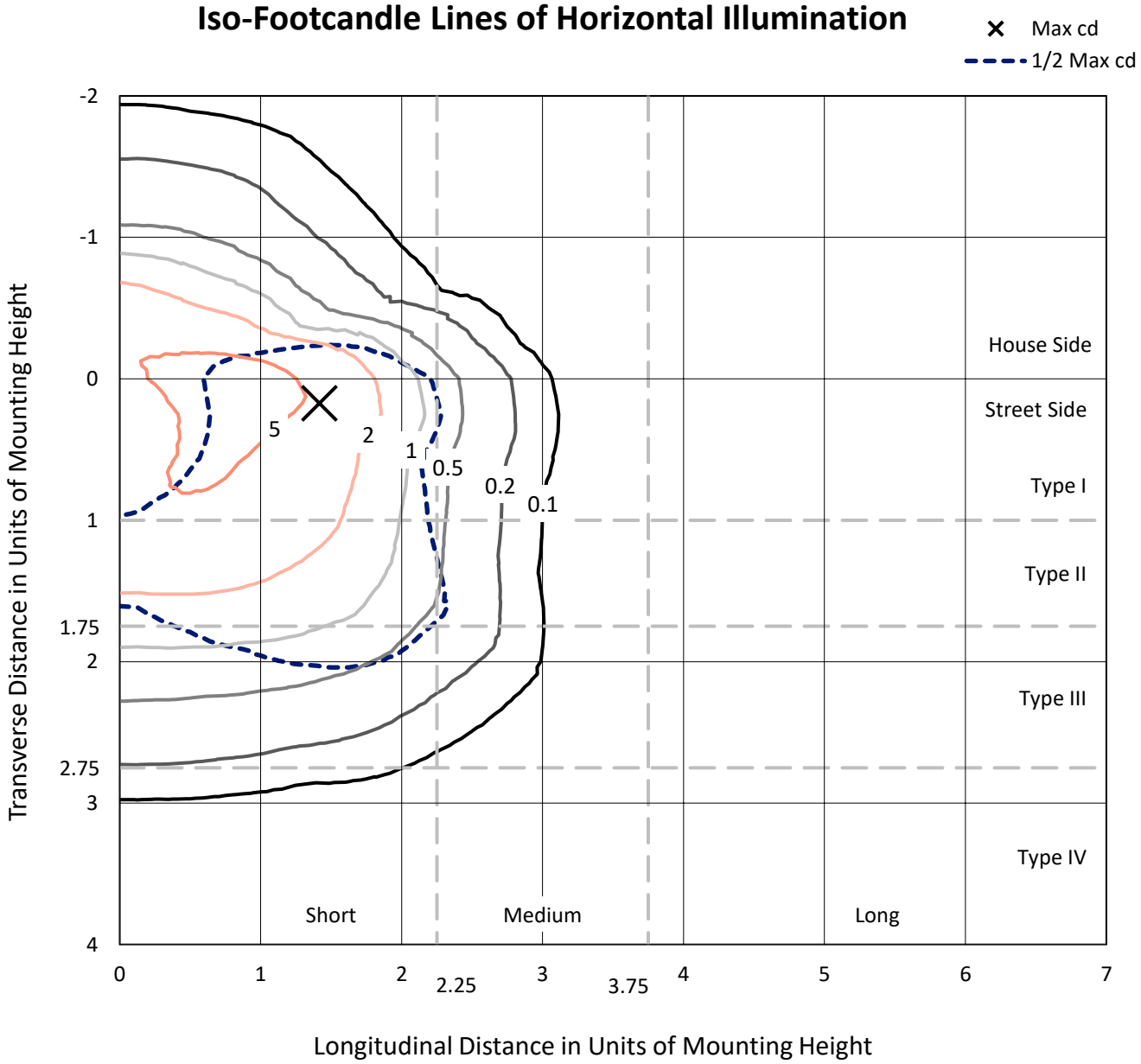
Input Watts (W):	31
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	6.4%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1501109
CATALOG NUMBER: GSS-SB1A-827-U-T3LG

Iso-Footcandle Lines of Horizontal Illumination



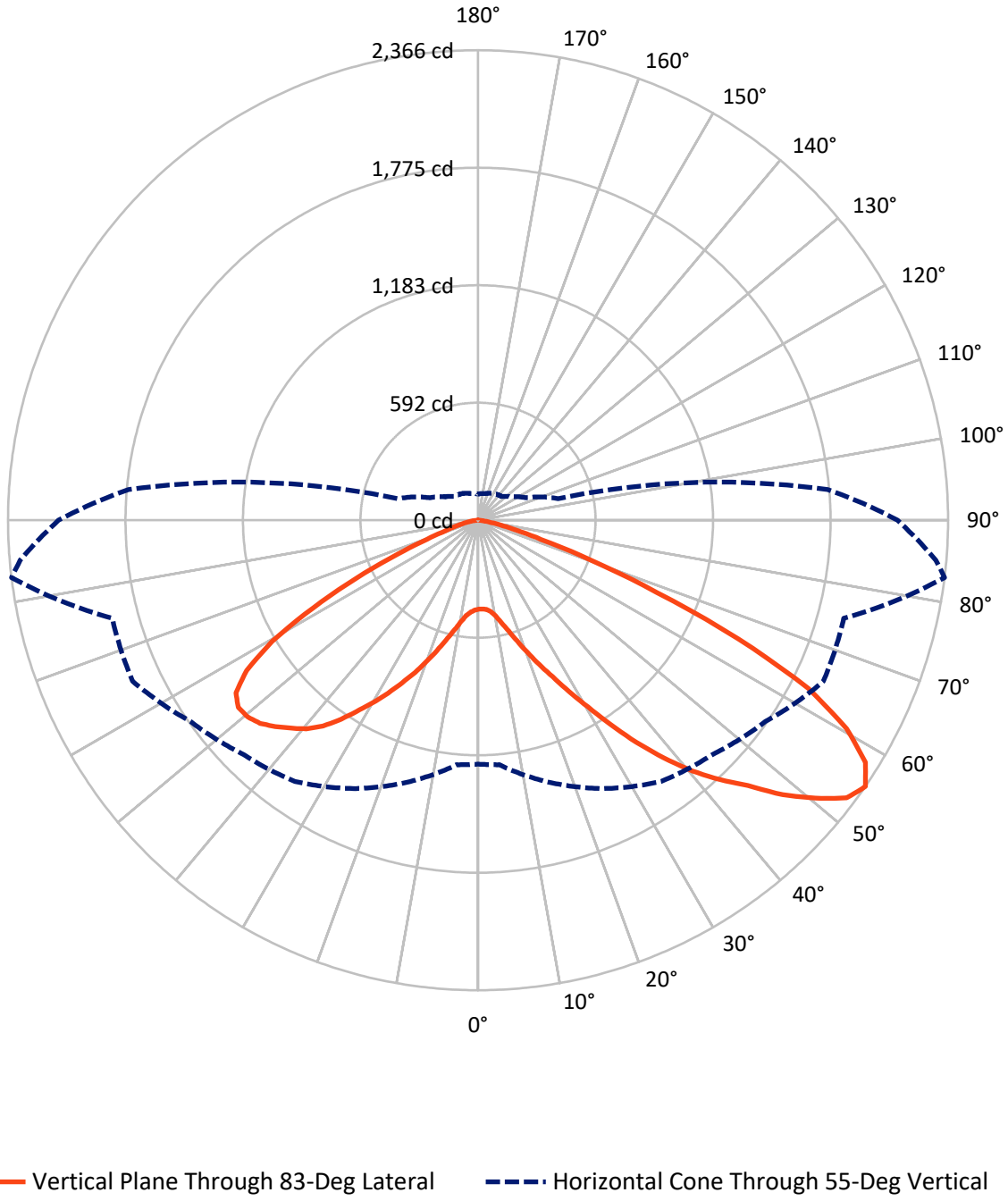
Based on 10 foot mounting height. Maximum calculated value = 7.6 fc
Type III - Short - N/A

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REPORT NUMBER: P1501109
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Luminous Intensity Polar Plot



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Scaled Data Report

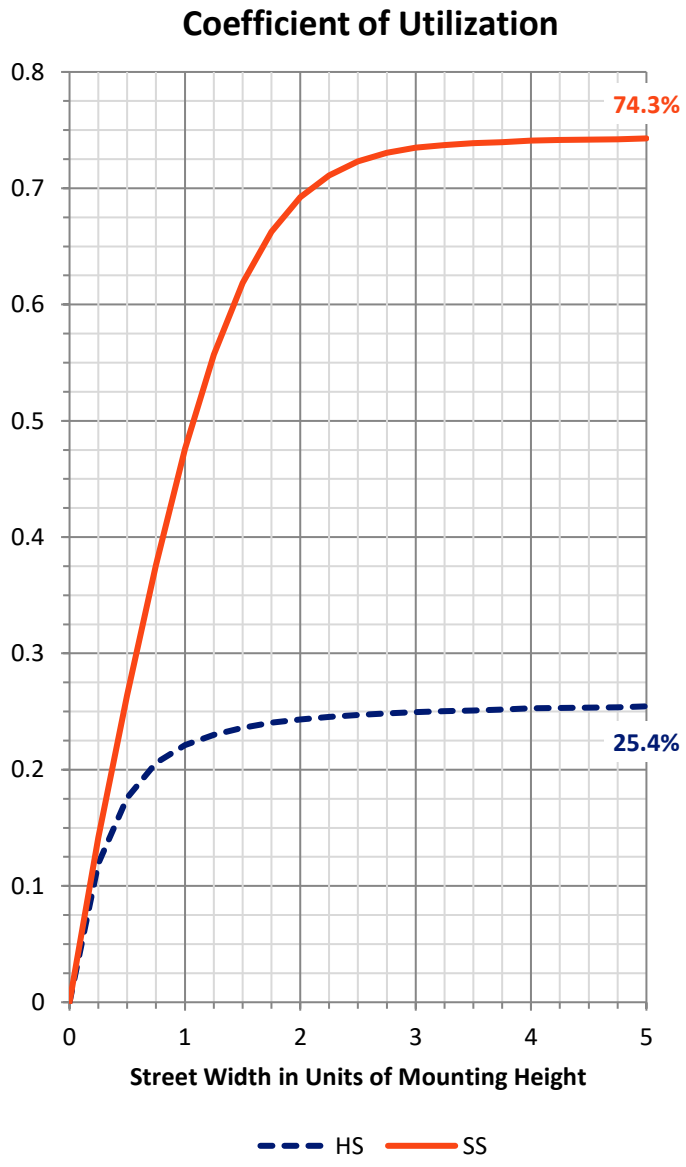
REPORT NUMBER: P1501109
CATALOG NUMBER: GSS-SB1A-827-U-T3LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	928.3	0.0	928.3
	% Fixture	25.7	0.0	25.7
Street Side	Lumens	2689.1	0.0	2689.1
	% Fixture	74.3	0.0	74.3
Total	Lumens	3617.4	0.0	3617.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	43.3	1.2
10°-20°	141.0	3.9
20°-30°	282.2	7.8
30°-40°	502.0	13.9
40°-50°	756.6	20.9
50°-60°	921.9	25.5
60°-70°	745.5	20.6
70°-80°	204.2	5.6
80°-90°	20.8	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°	3617.4	100.0
0°-180°	3617.4	100.0



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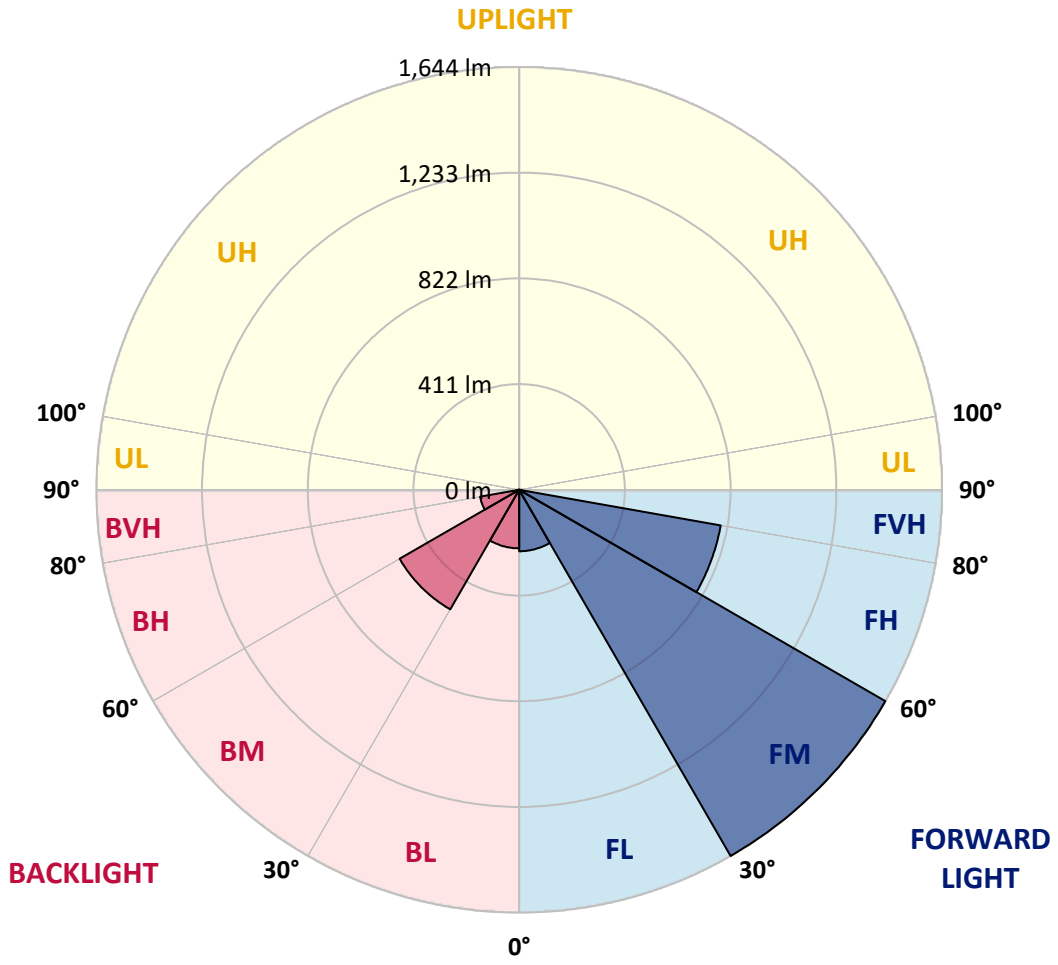
Scaled Data Report

REPORT NUMBER: P1501109
CATALOG NUMBER: GSS-SB1A-827-U-T3LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	238.9	6.6			
FM	(30°-60°)	1643.9	45.4			
FH	(60°-80°)	795.6	22.0			G1/1800
FVH	(80°-90°)	10.8	0.3			G1/100
BL	(0°-30°)	227.6	6.3	B1/500		
BM	(30°-60°)	536.7	14.8	B1/1000		
BH	(60°-80°)	154.1	4.3	B1/500		G1/500
BVH	(80°-90°)	10.0	0.3			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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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	83°	85°
0°	447.8	447.8	447.8	447.8	447.8	447.8	447.8	447.8	447.8	*447.8*	447.8
2.5°	434.9	434.1	433.3	432.5	434.1	436.5	439.0	440.6	444.6	*447.8*	446.2
5°	400.4	398.8	400.4	406.8	412.4	422.1	431.7	438.2	447.0	*451.0*	452.6
7.5°	369.8	368.2	369.8	377.9	387.5	402.8	422.9	439.0	455.0	*464.7*	466.3
10°	369.8	370.6	370.6	373.8	378.7	393.9	418.1	448.6	476.7	*490.4*	493.6
12.5°	381.9	381.9	381.9	385.9	389.1	401.2	428.5	466.3	511.3	*531.4*	533.8
15°	398.0	397.2	399.6	402.0	407.6	419.7	447.0	492.0	549.1	*579.6*	582.9
17.5°	420.5	418.9	421.3	426.9	434.9	448.6	475.9	527.4	601.4	*639.9*	644.8
20°	445.4	444.6	449.4	458.3	469.5	486.4	517.7	570.0	660.8	*709.9*	718.7
22.5°	475.1	473.5	482.4	498.4	513.7	533.0	570.8	625.5	729.2	*787.9*	796.7
25°	508.9	508.9	521.0	540.3	563.6	598.1	635.9	696.2	809.6	*872.3*	886.0
27.5°	564.4	568.4	573.2	593.3	626.3	672.9	713.1	781.4	897.2	*976.0*	980.8
30°	654.4	652.8	660.8	674.5	701.8	750.9	811.2	884.3	1008.2	*1091.0*	1103.0
32.5°	735.6	738.0	749.3	775.0	808.0	849.8	922.1	1012.2	1128.7	*1224.4*	1230.0
35°	817.6	819.2	840.9	879.5	928.6	975.2	1054.0	1142.4	1259.8	*1373.1*	1388.4
37.5°	932.6	931.0	952.7	985.6	1051.6	1123.9	1187.4	1271.9	1385.2	*1517.9*	1535.5
40°	1018.6	1027.4	1068.5	1110.3	1172.2	1246.9	1300.8	1380.4	1488.1	*1659.4*	1675.4
42.5°	1107.0	1114.3	1168.9	1231.7	1296.8	1347.4	1389.2	1463.2	1570.1	*1784.8*	1793.6
45°	1180.2	1189.8	1252.6	1332.1	1399.7	1451.1	1465.6	1534.7	1653.7	*1905.4*	1919.0
47.5°	1226.8	1237.3	1311.2	1404.5	1473.6	1528.3	1523.5	1620.8	1743.0	*2065.3*	2060.5
50°	1259.0	1265.4	1345.8	1445.5	1535.5	1571.7	1592.6	1718.0	1834.6	*2199.6*	2181.9
52.5°	1282.3	1292.8	1365.9	1475.2	1570.1	1617.5	1673.8	1830.6	1898.1	*2322.6*	2283.2
55°	*1227.6*	*1235.7*	*1364.3*	*1490.5*	*1605.5*	*1668.2*	*1766.3*	*1918.2*	*1906.2*	*2366.0*	*2313.0*
57.5°	1171.4	1177.8	1296.8	1486.5	1644.1	1730.9	1871.6	1929.5	1834.6	*2299.3*	2232.6
60°	1100.6	1105.4	1224.4	1443.9	1644.9	1779.9	1925.5	1847.5	1702.0	*2131.3*	2067.8
62.5°	970.4	970.4	1101.4	1328.9	1604.7	1804.9	1911.0	1692.3	1524.3	*1866.8*	1779.1
65°	841.7	836.1	924.5	1123.9	1497.8	1798.4	1802.5	1496.2	1248.5	*1439.9*	1371.5
67.5°	701.8	702.7	754.9	912.5	1213.2	1664.2	1573.3	1156.1	869.9	*969.6*	934.2
70°	475.1	487.2	540.3	662.5	914.9	1179.4	1252.6	783.0	542.7	*602.2*	573.2
72.5°	180.9	183.3	245.2	347.3	578.0	709.1	873.9	438.2	317.6	*332.0*	333.6
75°	76.4	79.6	104.5	146.3	256.5	386.7	459.9	221.9	192.9	*198.6*	197.0
77.5°	51.5	53.1	63.5	78.8	115.8	155.2	192.1	125.4	118.2	*110.9*	107.7
80°	38.6	38.6	45.8	53.1	65.1	79.6	83.6	63.5	70.7	*58.7*	57.1
82.5°	24.9	26.5	28.9	31.4	37.0	39.4	33.8	34.6	41.0	*30.6*	28.9
85°	12.1	12.9	13.7	14.5	14.5	13.7	12.1	15.3	20.9	*12.9*	12.1
87.5°	1.6	1.6	1.6	1.6	1.6	1.6	0.8	0.8	0.8	*0.8*	0.8
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: P1501109
CATALOG NUMBER: GSS-SB1A-827-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	447.8	447.8	447.8	447.8	447.8	447.8	447.8	447.8	447.8	447.8	447.8
2.5°	448.6	451.8	454.2	455.8	459.9	459.1	461.5	463.1	464.7	467.1	463.9
5°	456.6	462.3	468.7	473.5	478.4	480.8	481.6	483.2	484.0	485.6	484.8
7.5°	474.3	480.8	490.4	495.2	499.3	499.3	496.8	496.0	493.6	495.2	495.2
10°	504.1	513.7	524.2	525.0	520.2	514.5	505.7	500.9	494.4	492.8	491.2
12.5°	547.5	560.4	568.4	562.8	545.9	525.0	501.7	480.0	463.1	455.8	454.2
15°	596.5	612.6	614.2	598.1	567.6	516.9	467.9	443.8	434.9	434.9	434.1
17.5°	664.1	675.3	668.9	630.3	562.0	479.2	443.8	439.8	442.2	445.4	445.4
20°	734.8	747.7	721.1	652.8	527.4	456.6	446.2	449.4	455.0	458.3	457.4
22.5°	819.2	825.7	774.2	653.6	490.4	451.0	451.0	455.0	459.1	463.9	463.9
25°	906.1	903.6	823.2	623.9	469.5	449.4	447.8	451.0	452.6	455.0	454.2
27.5°	1003.3	990.5	861.0	576.4	463.1	444.6	436.5	433.3	434.9	437.3	438.2
30°	1115.1	1084.5	891.6	546.7	460.7	433.3	414.0	405.2	403.6	406.8	406.8
32.5°	1244.5	1178.6	910.1	542.7	458.3	413.2	387.5	370.6	367.4	369.0	373.0
35°	1377.2	1291.9	905.2	553.1	459.1	397.2	359.4	336.9	333.6	335.2	339.3
37.5°	1516.3	1399.7	886.8	569.2	452.6	375.4	333.6	306.3	301.5	304.7	306.3
40°	1624.0	1490.5	840.9	575.6	441.4	348.1	303.9	280.6	267.7	266.9	270.9
42.5°	1723.7	1562.1	791.1	565.2	418.1	319.2	273.3	250.0	229.9	214.7	214.7
45°	1823.4	1634.4	740.4	535.4	379.5	288.6	241.2	209.8	186.5	175.3	176.1
47.5°	1923.1	1704.4	680.1	490.4	340.9	256.5	206.6	181.7	165.6	156.8	156.8
50°	2015.5	1755.0	603.0	418.9	296.7	224.3	182.5	168.0	156.0	147.9	146.3
52.5°	2096.7	1788.8	498.4	332.0	248.4	188.1	169.6	158.4	149.5	140.7	138.3
55°	*2111.2*	*1766.3*	*417.3*	*266.9*	*205.0*	*168.8*	*160.0*	*150.3*	*138.3*	*134.3*	*131.8*
57.5°	2021.9	1647.3	352.1	225.1	175.3	155.2	151.9	140.7	131.0	127.0	124.6
60°	1870.0	1431.0	291.0	192.9	156.0	142.3	146.3	135.1	119.8	117.4	115.0
62.5°	1596.6	1116.7	232.3	162.4	141.5	132.7	136.7	120.6	107.7	104.5	103.7
65°	1241.3	799.1	195.4	143.1	130.2	123.0	121.4	106.9	97.3	94.9	94.9
67.5°	866.7	508.1	163.2	131.0	115.8	110.9	110.1	100.5	94.1	91.7	91.7
70°	530.6	307.9	137.5	119.8	102.1	93.3	98.9	97.3	87.6	85.2	84.4
72.5°	275.8	184.1	120.6	110.1	86.0	79.6	88.4	89.2	81.2	84.4	83.6
75°	160.0	127.8	105.3	97.3	68.3	66.7	77.2	85.2	78.8	81.2	79.6
77.5°	91.7	82.0	81.2	79.6	53.9	54.7	69.1	76.4	67.5	69.9	64.3
80°	50.6	53.1	56.3	49.8	37.8	42.6	55.5	61.1	51.5	50.6	46.6
82.5°	26.5	33.0	37.8	32.2	21.7	25.7	37.8	37.8	33.0	31.4	30.6
85°	12.1	13.7	17.7	16.1	8.0	9.6	17.7	19.3	16.9	15.3	14.5
87.5°	0.8	0.8	0.8	0.8	0.8	0.8	1.6	2.4	0.8	0.8	0.8
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: SP1-2407-184-8

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-827-U-5WQ

Data in this report applies to families of products including GSS-SB1A-827-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

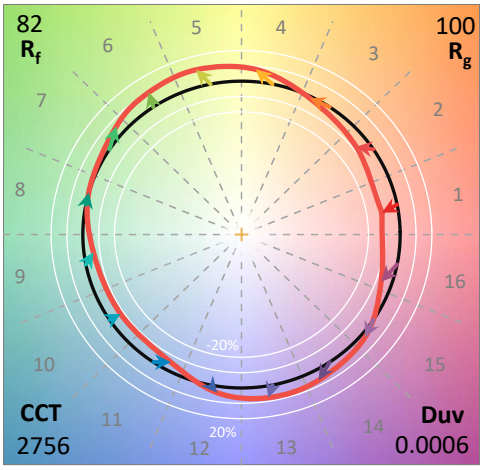
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-8
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-827-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 2700K CCT 26 LEDS

Spectral Parameters

CCT (K):	2756
CIE u':	0.2599
CIE v':	0.5271
Duv:	0.0006
CIE x:	0.4563
CIE y:	0.4112
CIE z:	0.1325
Peak Wavelength (nm):	609
Dominant Wavelength (nm):	583
Purity:	60.41121
Rf:	82.2
Rg:	99.9

CRI (Ra):	82.9
R1:	81.6
R2:	88.8
R3:	96.0
R4:	83.4
R5:	81.4
R6:	87.0
R7:	84.0
R8:	60.8
R9:	10.8
R10:	74.8
R11:	84.3
R12:	72.1
R13:	82.9
R14:	97.3
R15:	73.7



Test Conditions

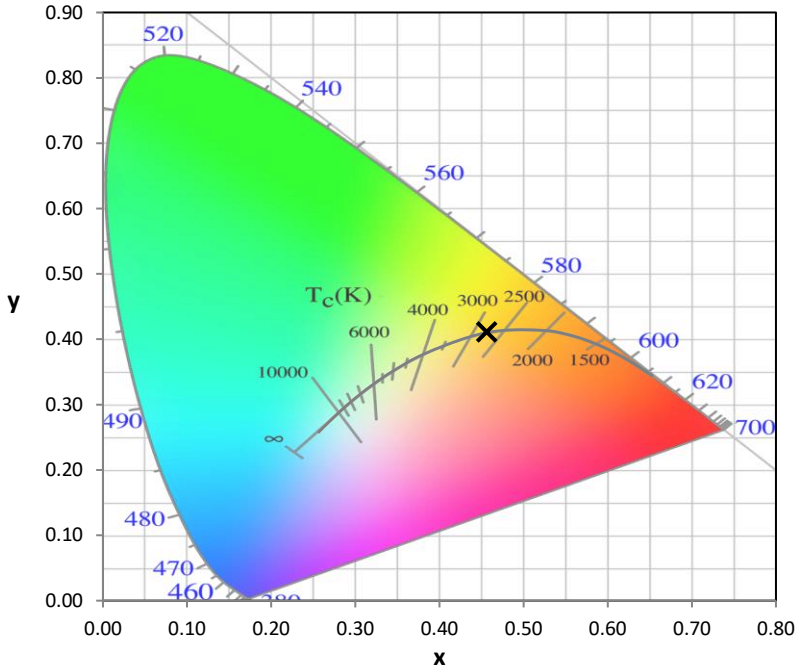
Stabilization Time:	29M
Operation Time:	1H 29M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-8

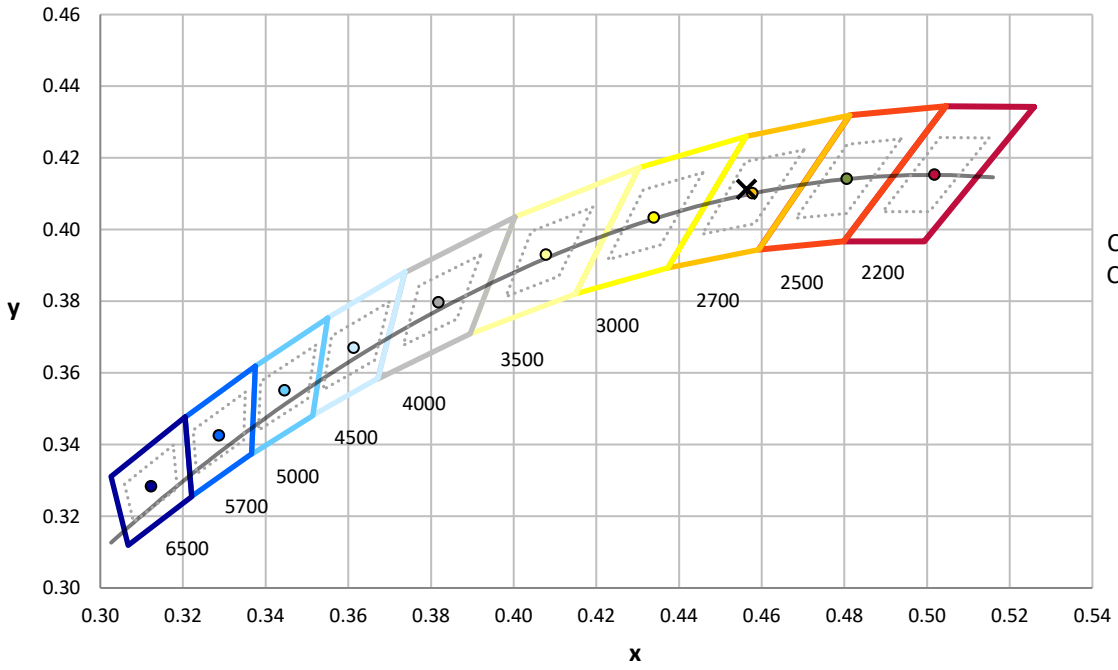
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-8

CIE 1931 Chromaticity Diagram



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

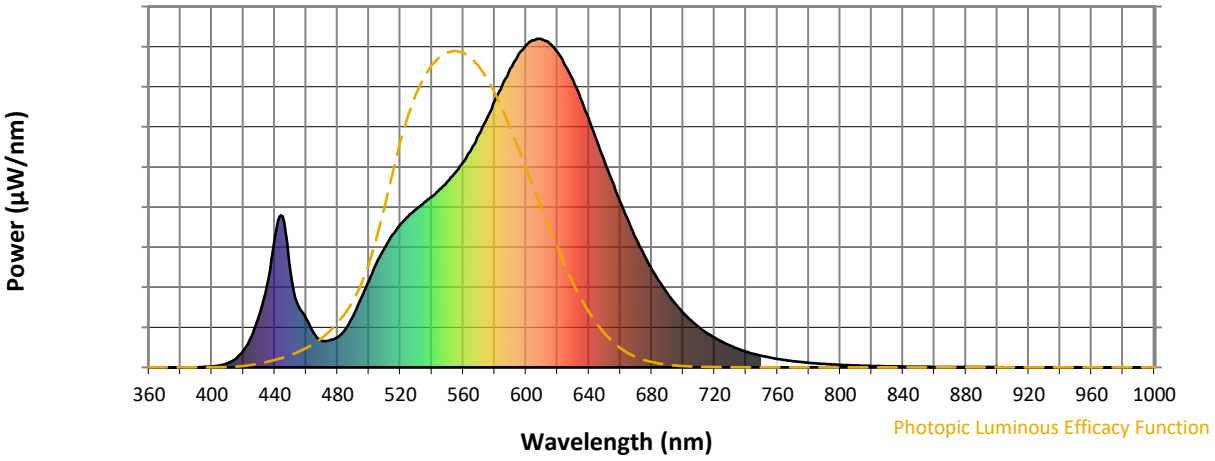


CCT = 2756K
CIE x = 0.4563
CIE y = 0.4112
Duv = 0.0006

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-8

Photopic Flux vs. Wavelength

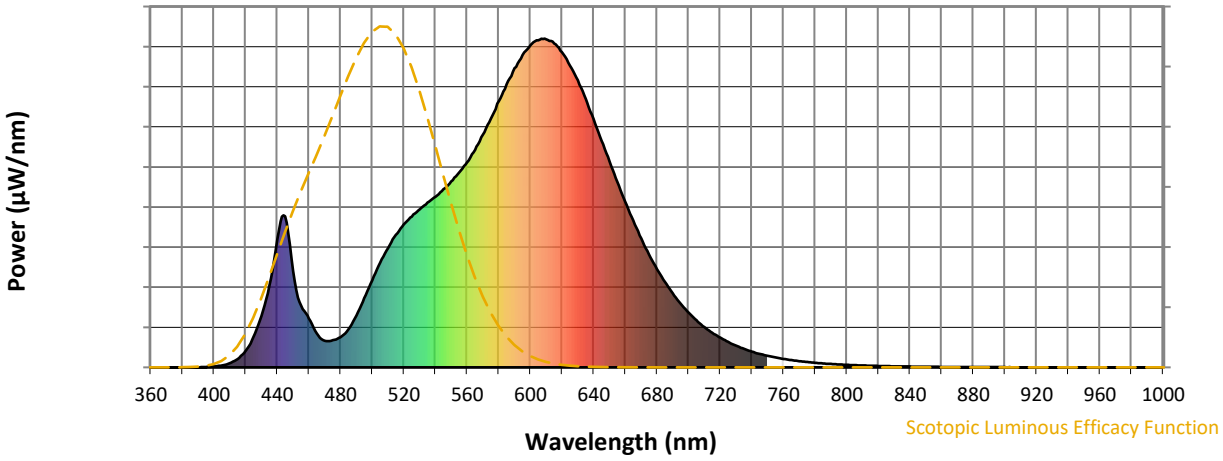


Photopic Lumens: NR

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

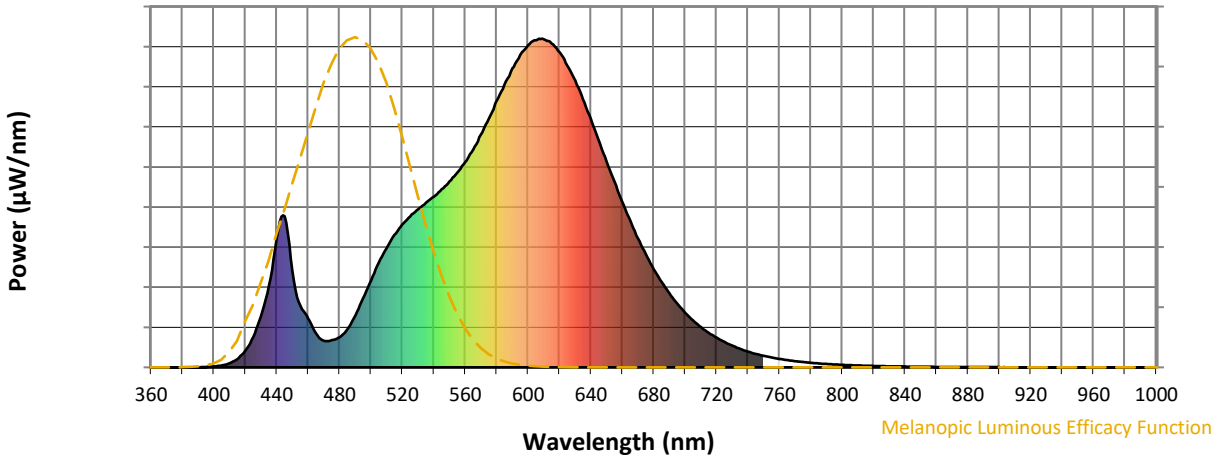


Scotopic Lumens: NR **S/P: 1.2**

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.16**

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

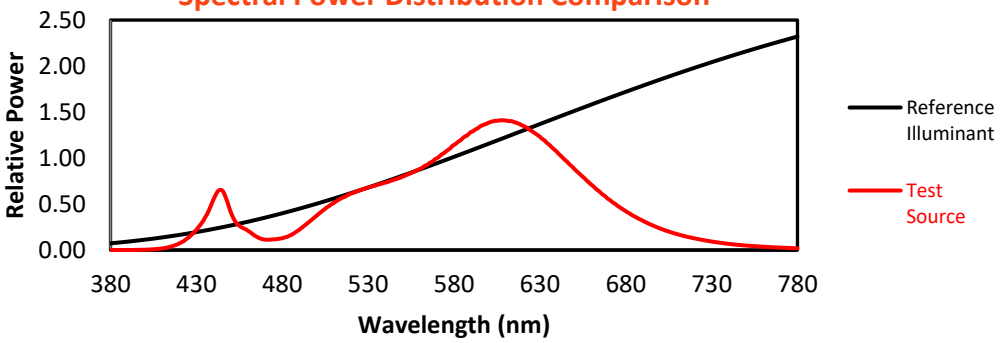
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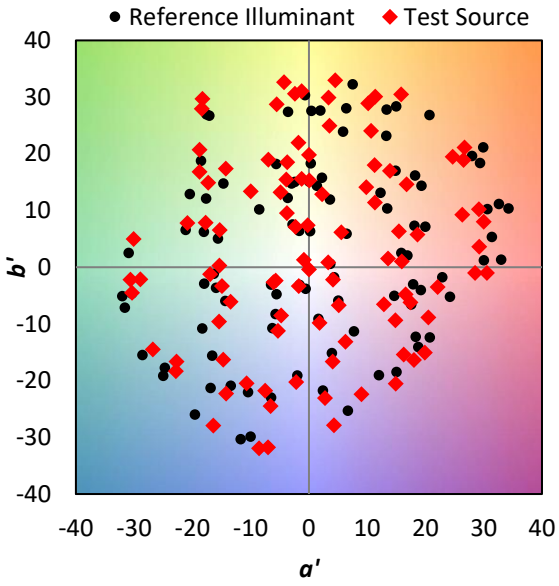
Summary

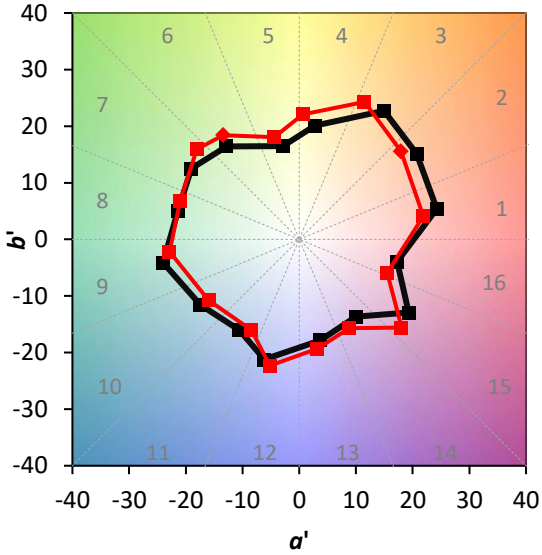
R_f = 82.2
R_g = 99.9
CIE R_a = 82.9
R_9 = 10.8

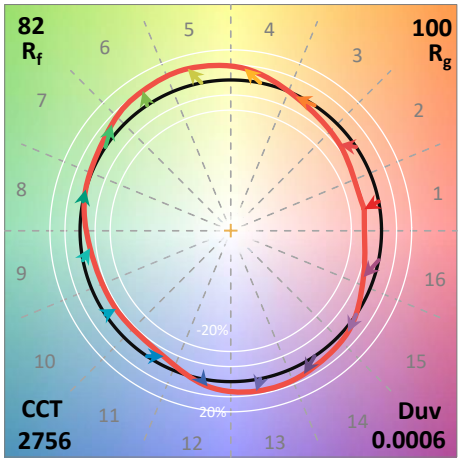
Spectral Power Distribution Comparison

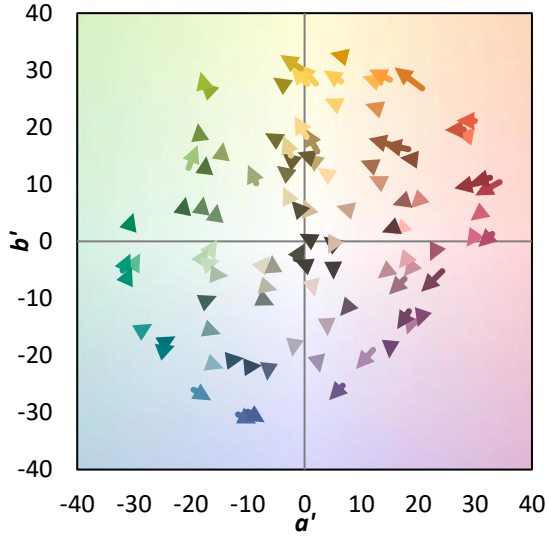


Color Vector Graphics







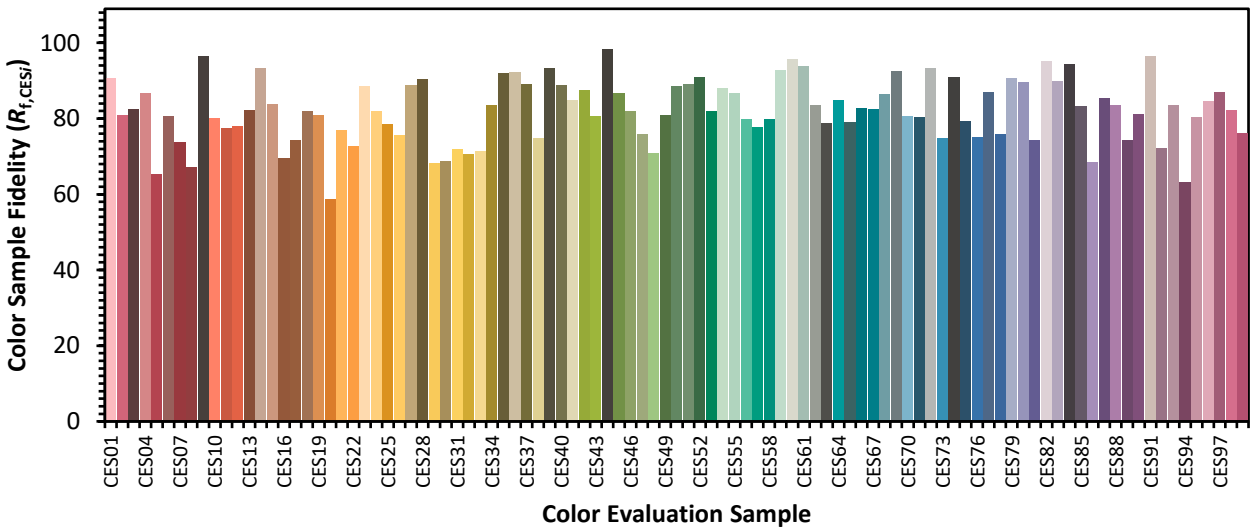


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Individual Sample Fidelity Index ($R_{f,i}$)

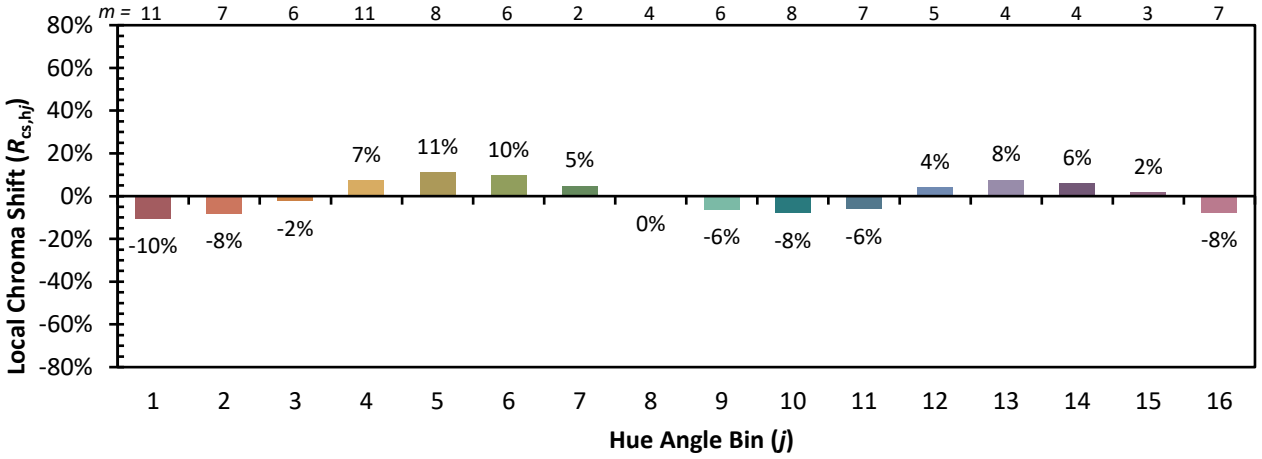
CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82 = 95
CES08 = 42	CES33 = 71	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 84	CES59 = 93	CES84 = 94
CES10 = 77	CES35 = 92	CES60 = 96	CES85 = 83
CES11 = 59	CES36 = 92	CES61 = 94	CES86 = 69
CES12 = 66	CES37 = 89	CES62 = 84	CES87 = 85
CES13 = 44	CES38 = 75	CES63 = 79	CES88 = 84
CES14 = 74	CES39 = 93	CES64 = 85	CES89 = 74
CES15 = 72	CES40 = 89	CES65 = 79	CES90 = 81
CES16 = 48	CES41 = 85	CES66 = 83	CES91 = 96
CES17 = 50	CES42 = 88	CES67 = 82	CES92 = 72
CES18 = 57	CES43 = 81	CES68 = 86	CES93 = 84
CES19 = 73	CES44 = 98	CES69 = 92	CES94 = 63
CES20 = 67	CES45 = 87	CES70 = 81	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 81	CES96 = 85
CES22 = 79	CES47 = 76	CES72 = 93	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 75	CES98 = 82
CES24 = 91	CES49 = 81	CES74 = 91	CES99 = 76
CES25 = 72	CES50 = 88	CES75 = 79	

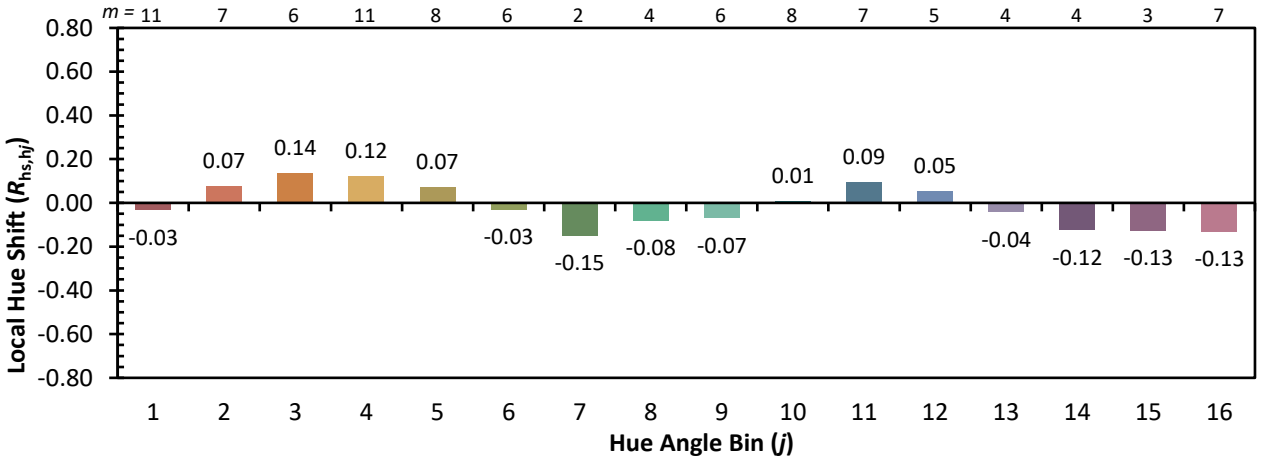


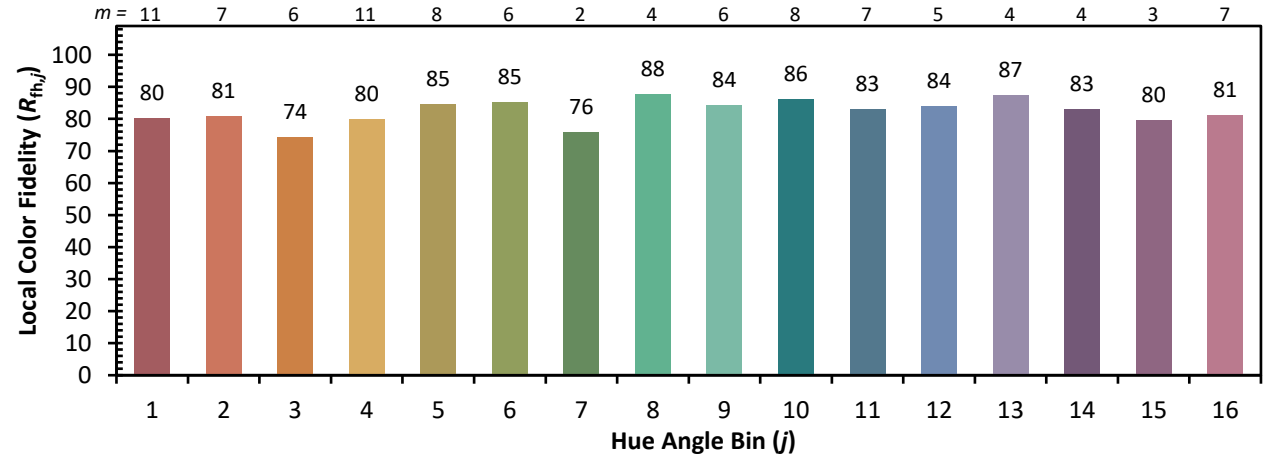
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Color Rendition by Hue-Angle Bin



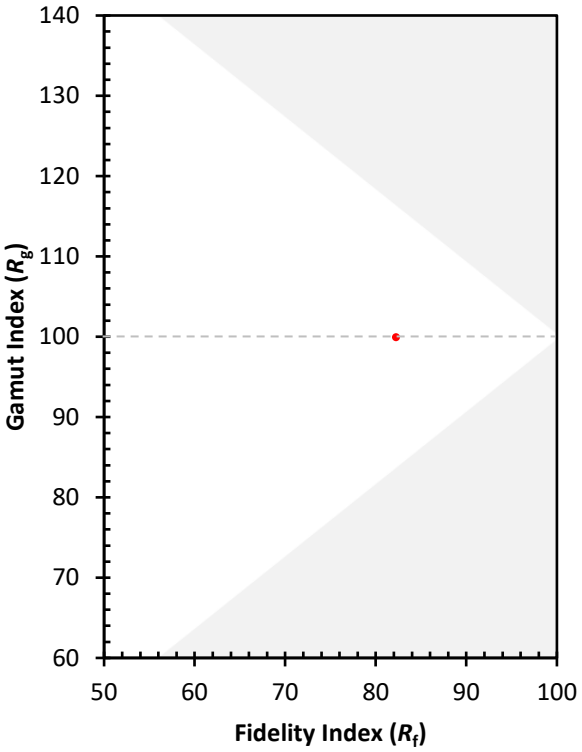


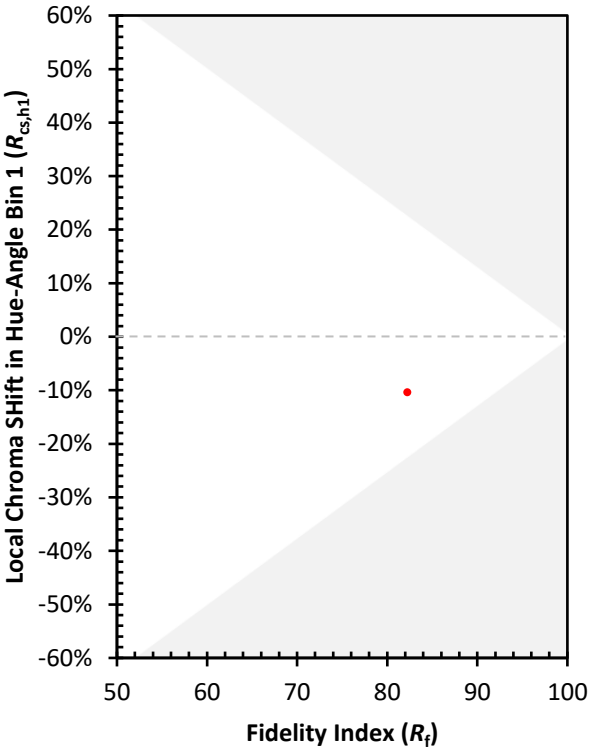


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Measure Comparisons





(END OF REPORT)