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: P1501110

Luminaire Tested: GSS-SB1B-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:	P1501110
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB1B-827-U-T3LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 1SQUARE 40W 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:	4557.1 lumens
Efficiency:	N/A
Efficacy:	113.9 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

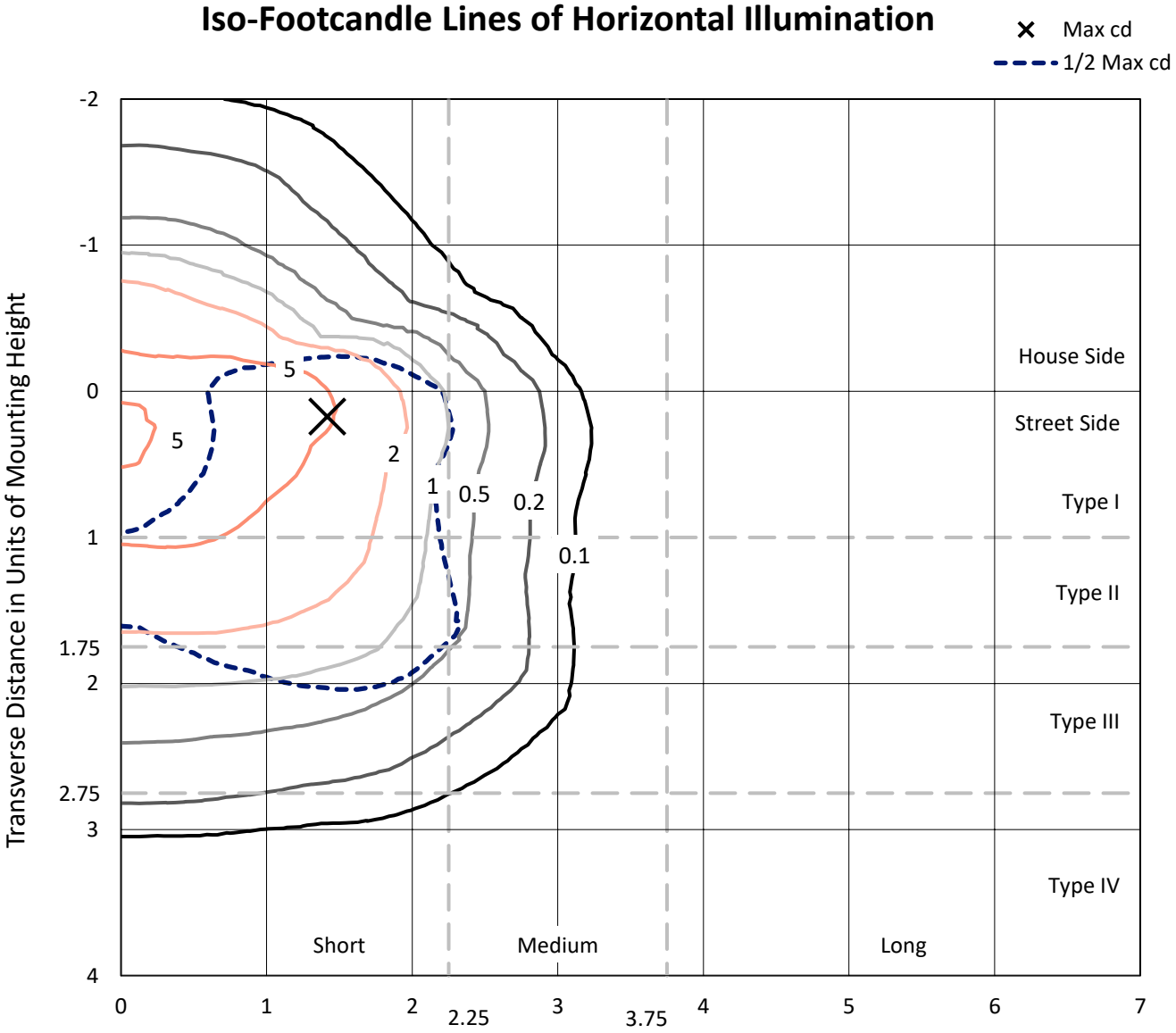
Input Watts (W):	40
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	5.3%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1501110
CATALOG NUMBER: GSS-SB1B-827-U-T3LG

Iso-Footcandle Lines of Horizontal Illumination



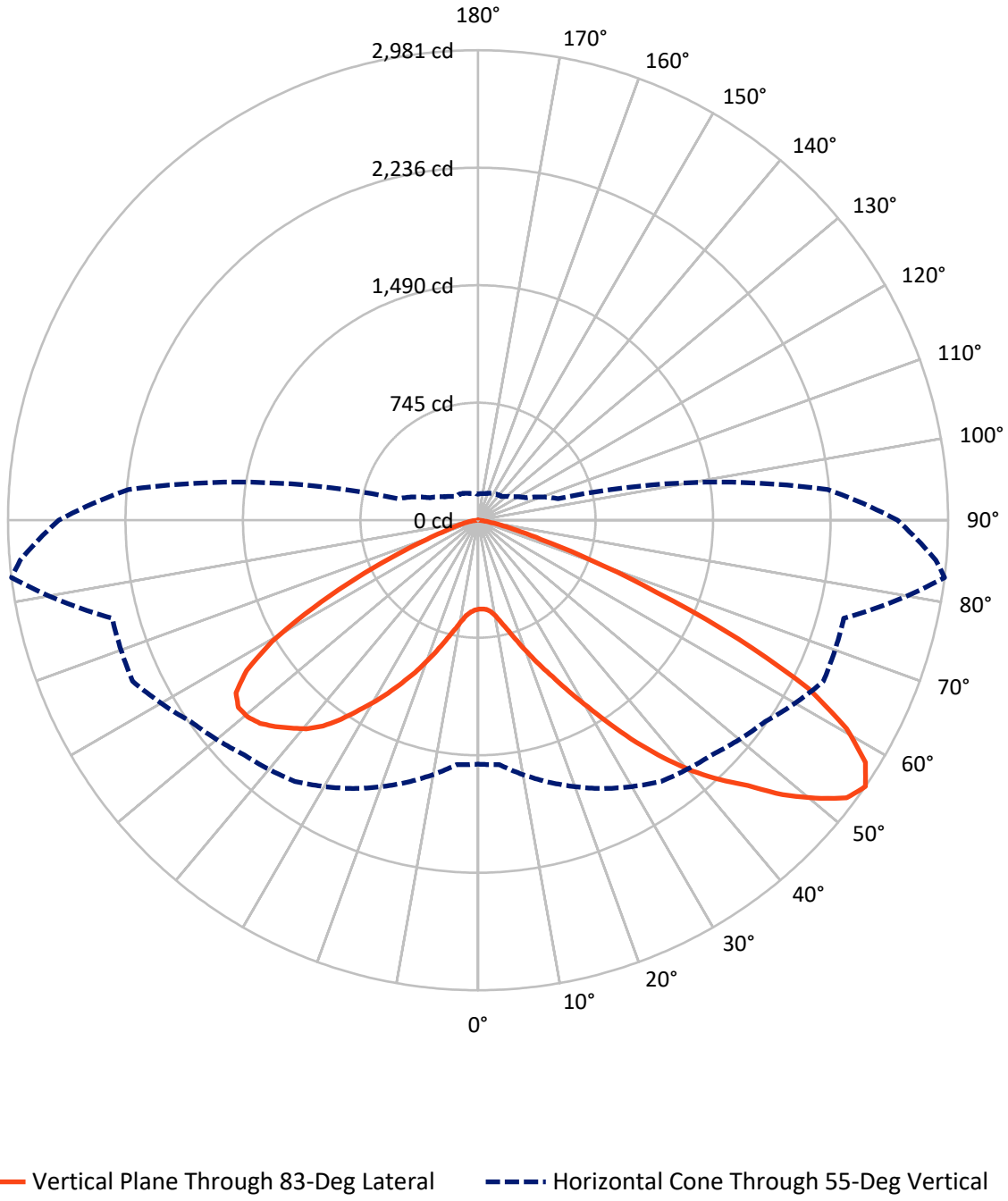
Based on 10 foot mounting height. Maximum calculated value = 9.6 fc
Type III - Short - N/A

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REPORT NUMBER: P1501110
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Luminous Intensity Polar Plot



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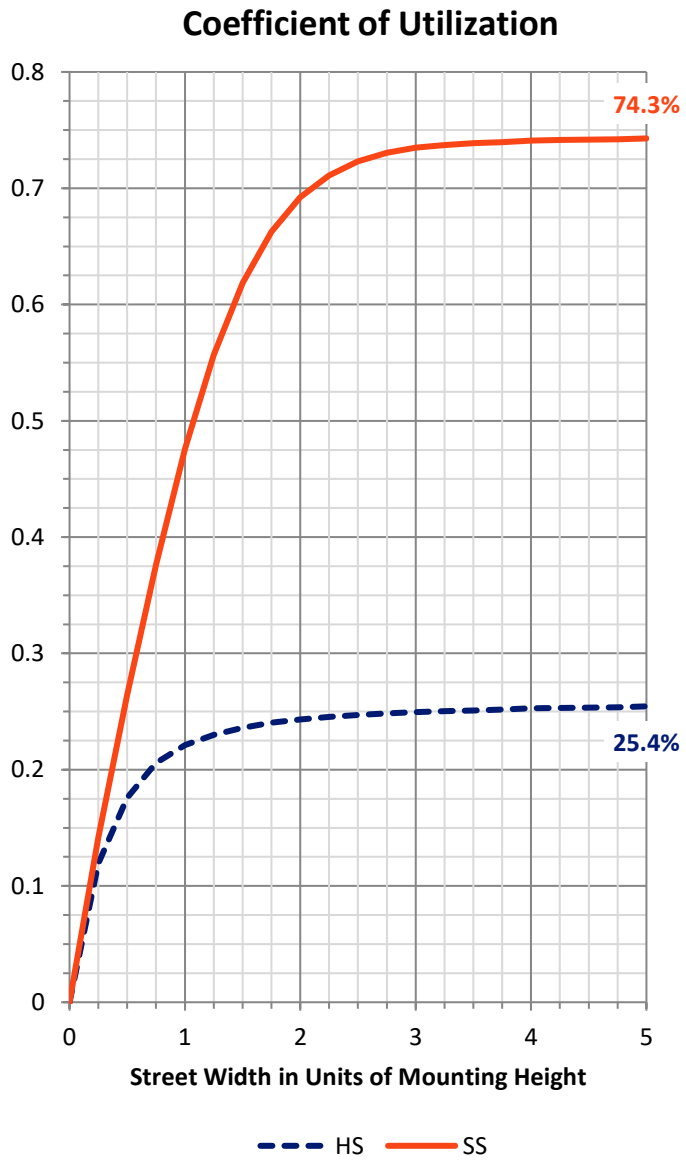
REPORT NUMBER: P1501110
CATALOG NUMBER: GSS-SB1B-827-U-T3LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1169.5	0.0	1169.5
	% Fixture	25.7	0.0	25.7
Street Side	Lumens	3387.7	0.0	3387.7
	% Fixture	74.3	0.0	74.3
Total	Lumens	4557.1	0.0	4557.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	54.5	1.2
10°-20°	177.6	3.9
20°-30°	355.5	7.8
30°-40°	632.5	13.9
40°-50°	953.1	20.9
50°-60°	1161.4	25.5
60°-70°	939.2	20.6
70°-80°	257.2	5.6
80°-90°	26.2	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°	4557.1	100.0
0°-180°	4557.1	100.0



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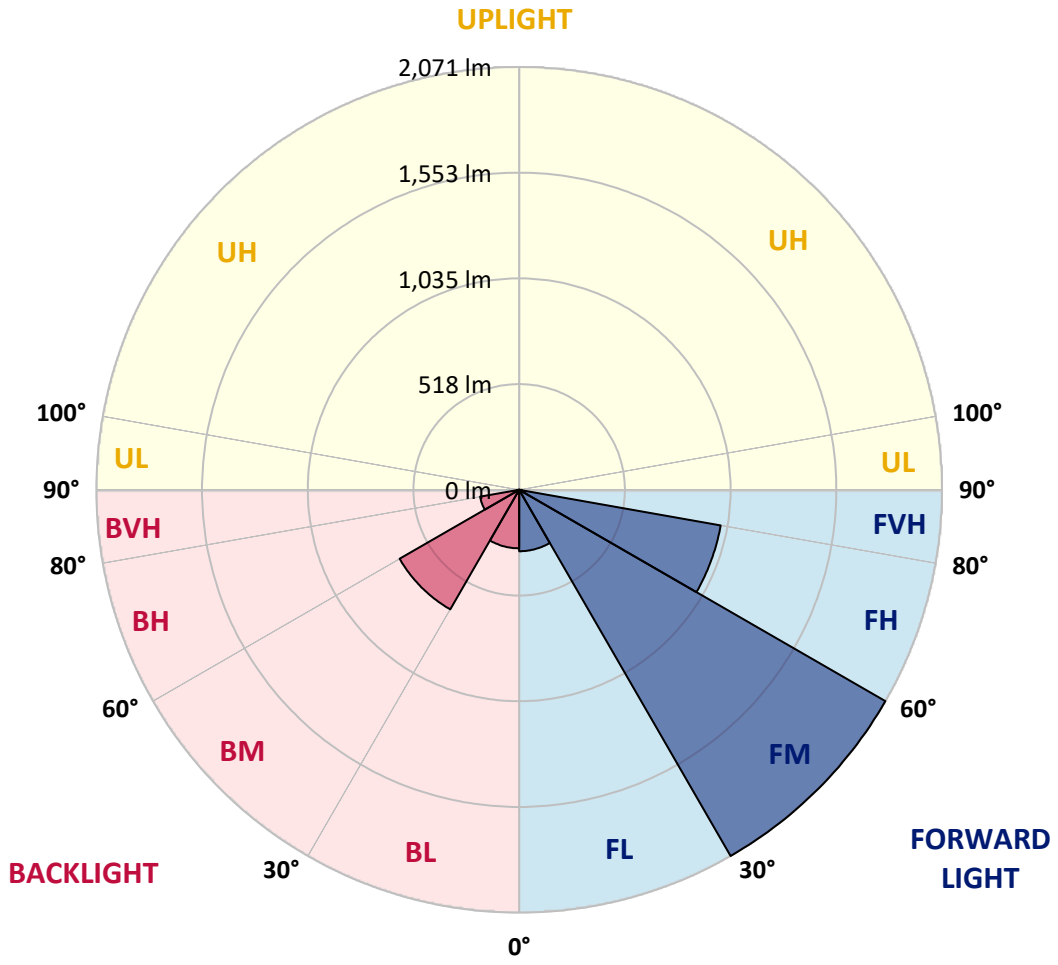
Scaled Data Report

REPORT NUMBER: P1501110
CATALOG NUMBER: GSS-SB1B-827-U-T3LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	300.9	6.6			
FM	(30°-60°)	2070.9	45.4			
FH	(60°-80°)	1002.2	22.0			G1/1800
FVH	(80°-90°)	13.6	0.3			G1/100
BL	(0°-30°)	286.7	6.3	B1/500		
BM	(30°-60°)	676.1	14.8	B1/1000		
BH	(60°-80°)	194.2	4.3	B1/500		G1/500
BVH	(80°-90°)	12.6	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: P1501110
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	83°	85°
0°	564.1	564.1	564.1	564.1	564.1	564.1	564.1	564.1	564.1	*564.1*	564.1
2.5°	547.9	546.9	545.9	544.9	546.9	549.9	553.0	555.0	560.1	*564.1*	562.1
5°	504.4	502.3	504.4	512.5	519.6	531.7	543.9	552.0	563.1	*568.2*	570.2
7.5°	465.9	463.9	465.9	476.0	488.2	507.4	532.7	553.0	573.2	*585.4*	587.4
10°	465.9	466.9	466.9	470.9	477.0	496.3	526.7	565.1	600.6	*617.8*	621.9
12.5°	481.1	481.1	481.1	486.1	490.2	505.4	539.8	587.4	644.1	*669.5*	672.5
15°	501.3	500.3	503.4	506.4	513.5	528.7	563.1	619.8	691.7	*730.2*	734.3
17.5°	529.7	527.7	530.7	537.8	547.9	565.1	599.6	664.4	757.6	*806.2*	812.3
20°	561.1	560.1	566.2	577.3	591.5	612.7	652.2	718.1	832.5	*894.3*	905.4
22.5°	598.6	596.5	607.7	627.9	647.2	671.5	719.1	788.0	918.6	*992.5*	1003.7
25°	641.1	641.1	656.3	680.6	710.0	753.5	801.1	877.1	1019.9	*1098.9*	1116.1
27.5°	711.0	716.0	722.1	747.4	789.0	847.7	898.3	984.4	1130.3	*1229.5*	1235.6
30°	824.4	822.4	832.5	849.7	884.2	945.9	1021.9	1114.1	1270.0	*1374.4*	1389.6
32.5°	926.7	929.7	943.9	976.3	1017.9	1070.5	1161.7	1275.1	1422.0	*1542.5*	1549.6
35°	1030.0	1032.0	1059.4	1108.0	1169.8	1228.5	1327.8	1439.2	1587.0	*1729.9*	1749.1
37.5°	1174.8	1172.8	1200.2	1241.7	1324.7	1415.9	1495.9	1602.2	1745.0	*1912.2*	1934.4
40°	1283.2	1294.4	1346.0	1398.7	1476.7	1570.8	1638.7	1739.0	1874.7	*2090.4*	2110.7
42.5°	1394.6	1403.7	1472.6	1551.6	1633.6	1697.4	1750.1	1843.3	1978.0	*2248.4*	2259.5
45°	1486.8	1498.9	1577.9	1678.2	1763.3	1828.1	1846.3	1933.4	2083.3	*2400.3*	2417.5
47.5°	1545.5	1558.7	1651.9	1769.4	1856.5	1925.3	1919.2	2041.8	2195.7	*2601.9*	2595.8
50°	1586.0	1594.1	1695.4	1821.0	1934.4	1980.0	2006.3	2164.3	2311.2	*2771.0*	2748.7
52.5°	1615.4	1628.6	1720.7	1858.5	1978.0	2037.7	2108.6	2306.1	2391.2	*2926.0*	2876.3
55°	*1546.5*	*1556.7*	*1718.7*	*1877.7*	*2022.5*	*2101.5*	*2225.1*	*2416.5*	*2401.3*	*2980.7*	*2913.8*
57.5°	1475.6	1483.7	1633.6	1872.7	2071.2	2180.5	2357.8	2430.7	2311.2	*2896.6*	2812.5
60°	1386.5	1392.6	1542.5	1819.0	2072.2	2242.3	2425.6	2327.4	2144.1	*2684.9*	2604.9
62.5°	1222.4	1222.4	1387.5	1674.1	2021.5	2273.7	2407.4	2131.9	1920.3	*2351.7*	2241.3
65°	1060.4	1053.3	1164.7	1415.9	1886.8	2265.6	2270.7	1884.8	1572.9	*1813.9*	1727.8
67.5°	884.2	885.2	951.0	1149.5	1528.3	2096.5	1982.0	1456.4	1095.8	*1221.4*	1176.9
70°	598.6	613.8	680.6	834.5	1152.6	1485.8	1577.9	986.5	683.6	*758.6*	722.1
72.5°	227.9	230.9	308.9	437.5	728.2	893.3	1100.9	552.0	400.1	*418.3*	420.3
75°	96.2	100.3	131.7	184.3	323.1	487.2	579.3	279.5	243.1	*250.2*	248.1
77.5°	64.8	66.8	80.0	99.3	145.8	195.5	242.1	158.0	148.9	*139.8*	135.7
80°	48.6	48.6	57.7	66.8	82.0	100.3	105.3	80.0	89.1	*73.9*	71.9
82.5°	31.4	33.4	36.5	39.5	46.6	49.6	42.5	43.6	51.7	*38.5*	36.5
85°	15.2	16.2	17.2	18.2	18.2	17.2	15.2	19.2	26.3	*16.2*	15.2
87.5°	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	*1.0*	1.0
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: P1501110
CATALOG NUMBER: GSS-SB1B-827-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	564.1	564.1	564.1	564.1	564.1	564.1	564.1	564.1	564.1	564.1	564.1
2.5°	565.1	569.2	572.2	574.3	579.3	578.3	581.3	583.4	585.4	588.4	584.4
5°	575.3	582.4	590.5	596.5	602.6	605.7	606.7	608.7	609.7	611.7	610.7
7.5°	597.5	605.7	617.8	623.9	628.9	628.9	625.9	624.9	621.9	623.9	623.9
10°	635.0	647.2	660.3	661.4	655.3	648.2	637.0	631.0	622.9	620.8	618.8
12.5°	689.7	705.9	716.0	709.0	687.7	661.4	632.0	604.6	583.4	574.3	572.2
15°	751.5	771.7	773.8	753.5	715.0	651.2	589.4	559.1	547.9	547.9	546.9
17.5°	836.6	850.7	842.6	794.0	707.9	603.6	559.1	554.0	557.0	561.1	561.1
20°	925.7	941.9	908.5	822.4	664.4	575.3	562.1	566.2	573.2	577.3	576.3
22.5°	1032.0	1040.1	975.3	823.4	617.8	568.2	568.2	573.2	578.3	584.4	584.4
25°	1141.4	1138.4	1037.1	785.9	591.5	566.2	564.1	568.2	570.2	573.2	572.2
27.5°	1264.0	1247.8	1084.7	726.2	583.4	560.1	549.9	545.9	547.9	551.0	552.0
30°	1404.7	1366.3	1123.2	688.7	580.3	545.9	521.6	510.4	508.4	512.5	512.5
32.5°	1567.8	1484.8	1146.5	683.6	577.3	520.6	488.2	466.9	462.8	464.9	469.9
35°	1734.9	1627.6	1140.4	696.8	578.3	500.3	452.7	424.4	420.3	422.3	427.4
37.5°	1910.1	1763.3	1117.1	717.1	570.2	473.0	420.3	385.9	379.8	383.8	385.9
40°	2045.8	1877.7	1059.4	725.2	556.0	438.5	382.8	353.5	337.3	336.2	341.3
42.5°	2171.4	1967.9	996.6	712.0	526.7	402.1	344.3	315.0	289.7	270.4	270.4
45°	2297.0	2059.0	932.8	674.5	478.0	363.6	303.8	264.3	235.0	220.8	221.8
47.5°	2422.6	2147.1	856.8	617.8	429.4	323.1	260.3	228.9	208.6	197.5	197.5
50°	2539.1	2210.9	759.6	527.7	373.7	282.6	229.9	211.7	196.5	186.4	184.3
52.5°	2641.4	2253.5	627.9	418.3	313.0	237.0	213.7	199.5	188.4	177.2	174.2
55°	*2659.6*	*2225.1*	*525.6*	*336.2*	*258.3*	*212.7*	*201.5*	*189.4*	*174.2*	*169.1*	*166.1*
57.5°	2547.2	2075.2	443.6	283.6	220.8	195.5	191.4	177.2	165.1	160.0	157.0
60°	2355.8	1802.8	366.6	243.1	196.5	179.3	184.3	170.1	150.9	147.9	144.8
62.5°	2011.4	1406.8	292.7	204.6	178.3	167.1	172.2	151.9	135.7	131.7	130.7
65°	1563.8	1006.7	246.1	180.3	164.1	155.0	152.9	134.7	122.5	119.5	119.5
67.5°	1091.8	640.1	205.6	165.1	145.8	139.8	138.8	126.6	118.5	115.5	115.5
70°	668.4	387.9	173.2	150.9	128.6	117.5	124.6	122.5	110.4	107.4	106.3
72.5°	347.4	231.9	151.9	138.8	108.4	100.3	111.4	112.4	102.3	106.3	105.3
75°	201.5	161.0	132.7	122.5	86.1	84.1	97.2	107.4	99.3	102.3	100.3
77.5°	115.5	103.3	102.3	100.3	67.9	68.9	87.1	96.2	85.1	88.1	81.0
80°	63.8	66.8	70.9	62.8	47.6	53.7	69.9	77.0	64.8	63.8	58.7
82.5°	33.4	41.5	47.6	40.5	27.3	32.4	47.6	47.6	41.5	39.5	38.5
85°	15.2	17.2	22.3	20.3	10.1	12.2	22.3	24.3	21.3	19.2	18.2
87.5°	1.0	1.0	1.0	1.0	1.0	1.0	2.0	3.0	1.0	1.0	1.0
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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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

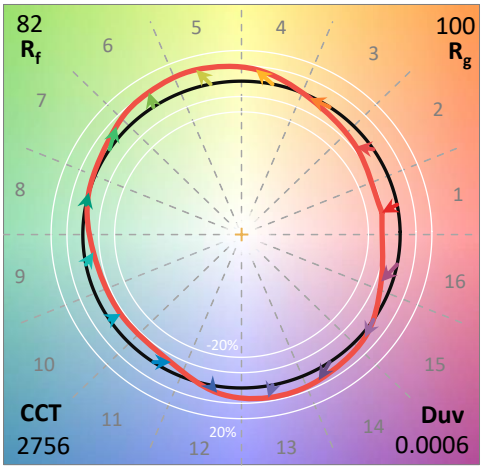
Test Information

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

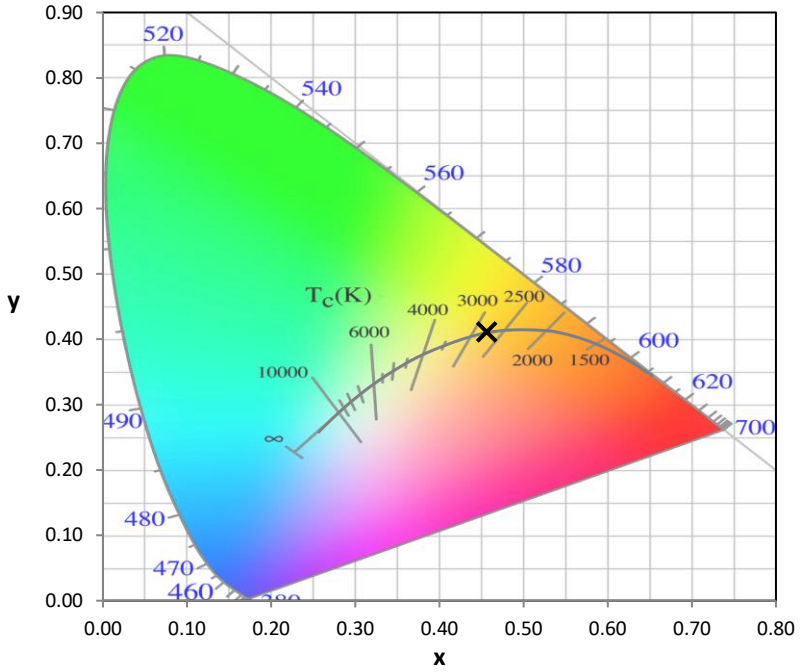
Stabilization Time:	29M
Operation Time:	1H 29M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-8

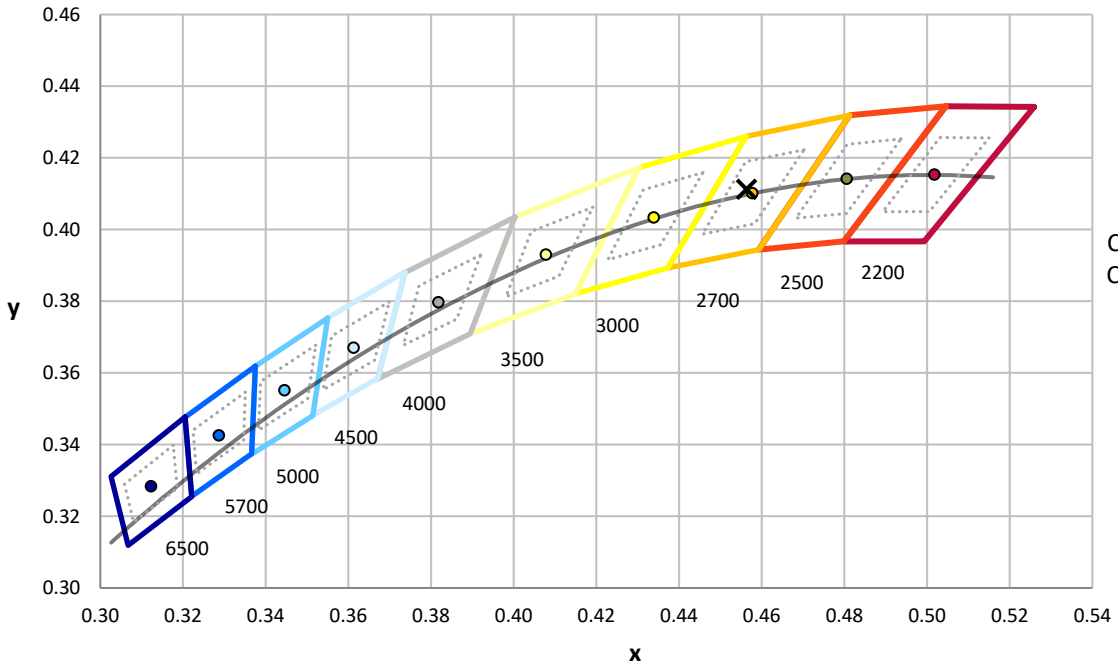
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

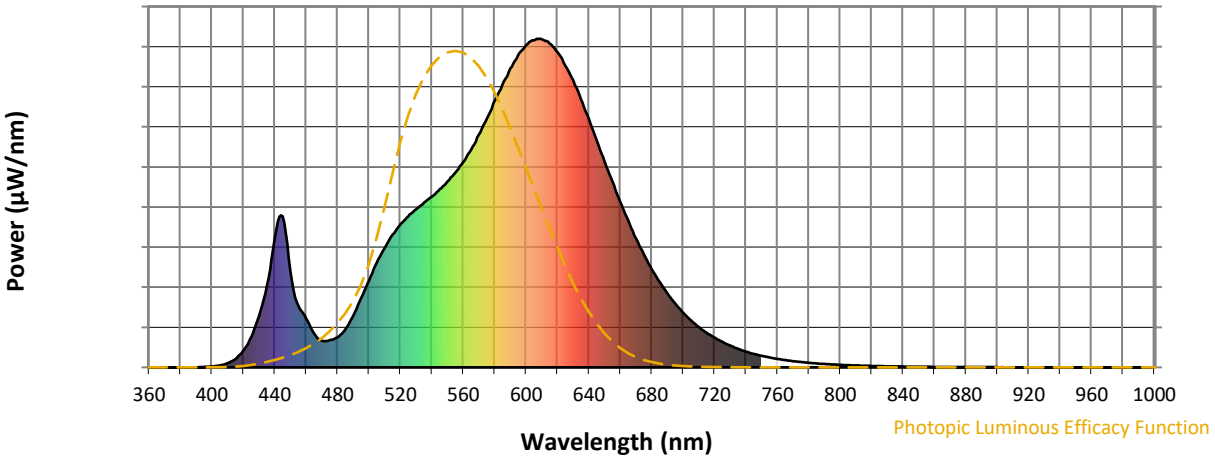


CCT = 2756K
CIE x = 0.4563
CIE y = 0.4112
Duv = 0.0006

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-8

Photopic Flux vs. Wavelength

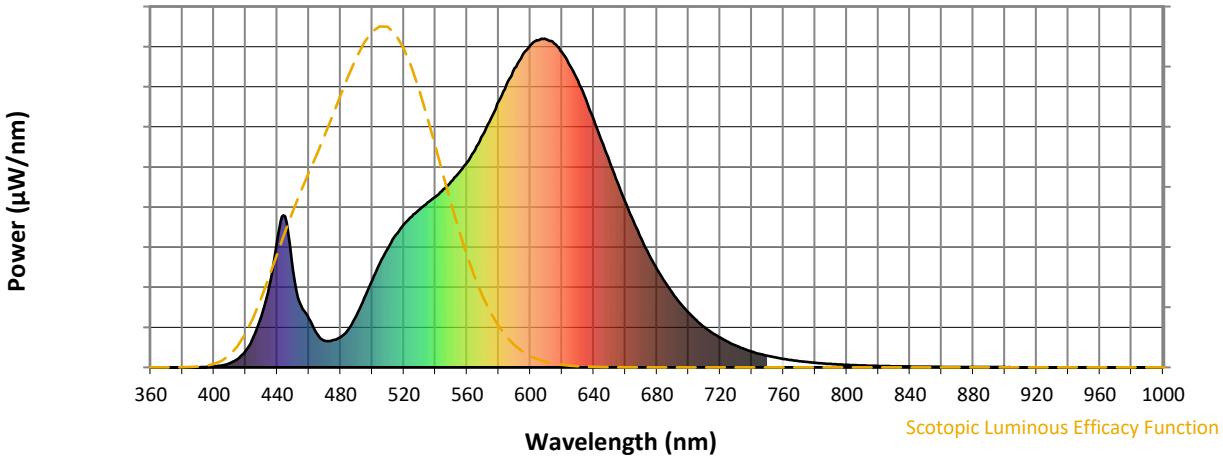


Photopic Lumens: NR

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

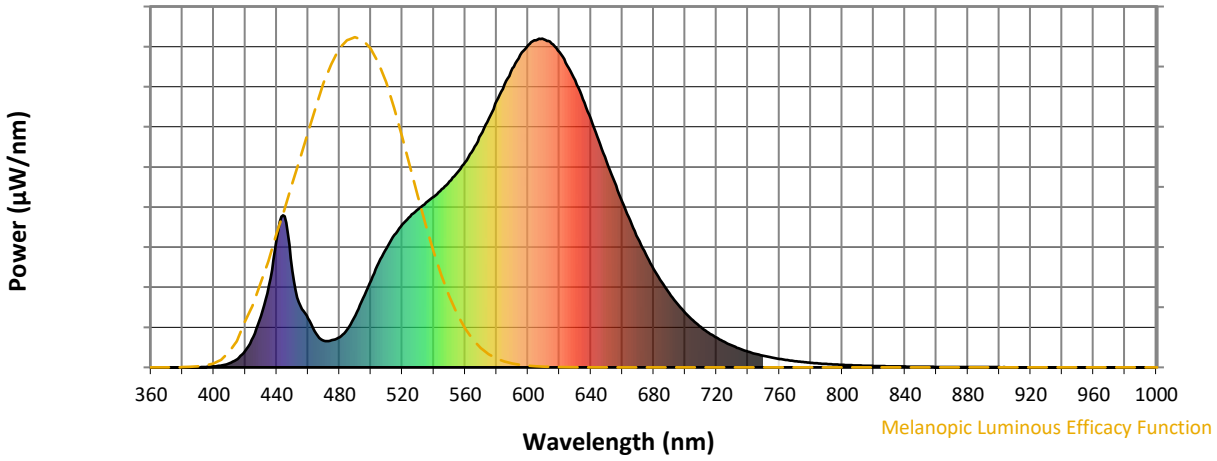


Scotopic Lumens: NR **S/P: 1.2**

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			

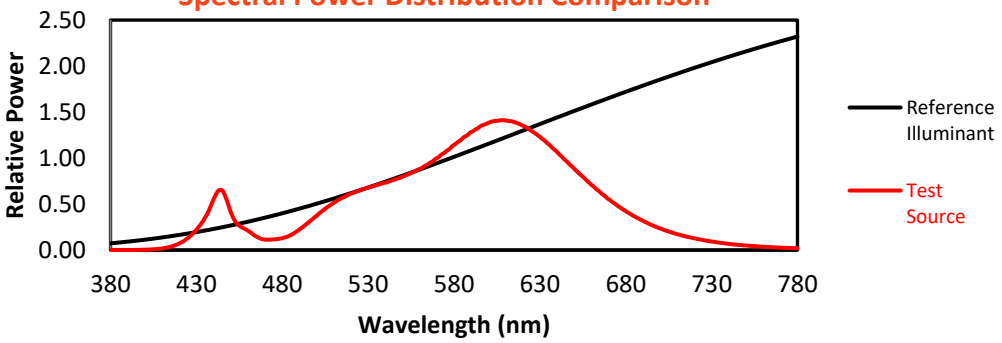
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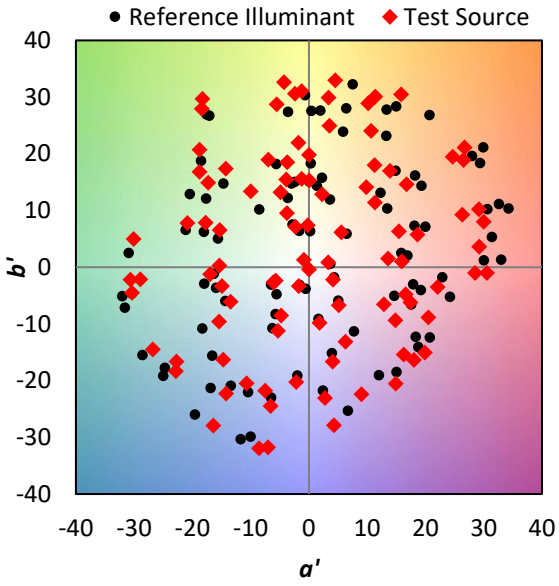
Summary

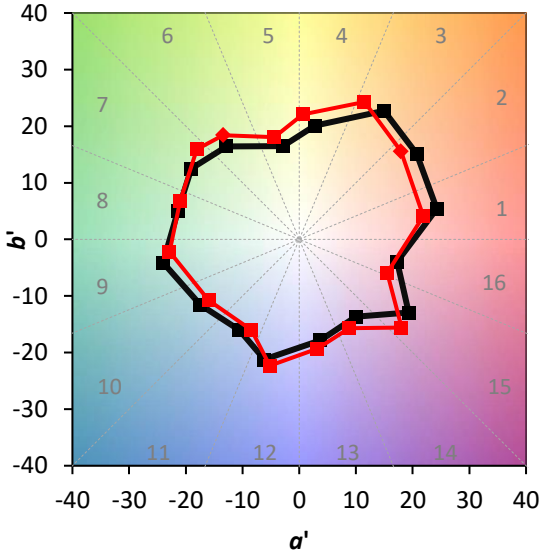
R_f = 82.2
R_g = 99.9
CIE R_a = 82.9
R_9 = 10.8

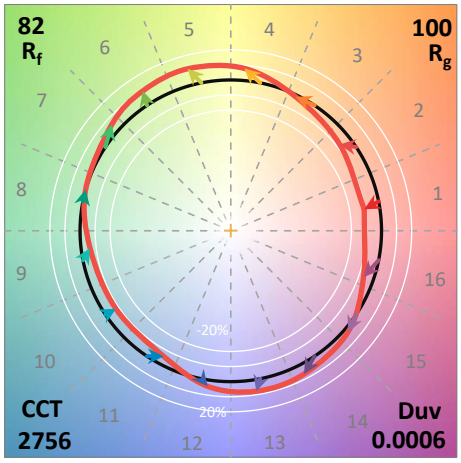
Spectral Power Distribution Comparison

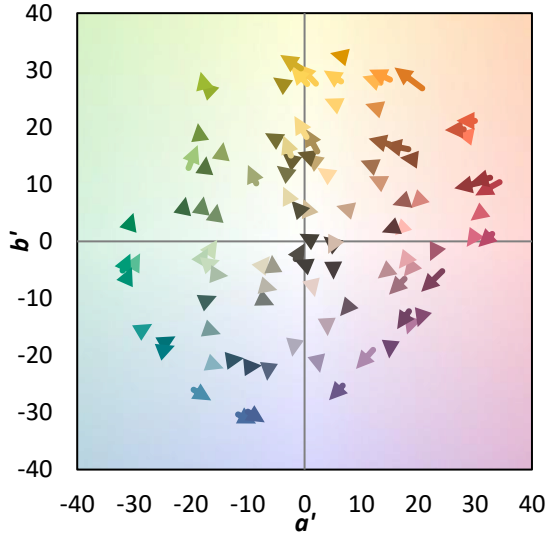


Color Vector Graphics







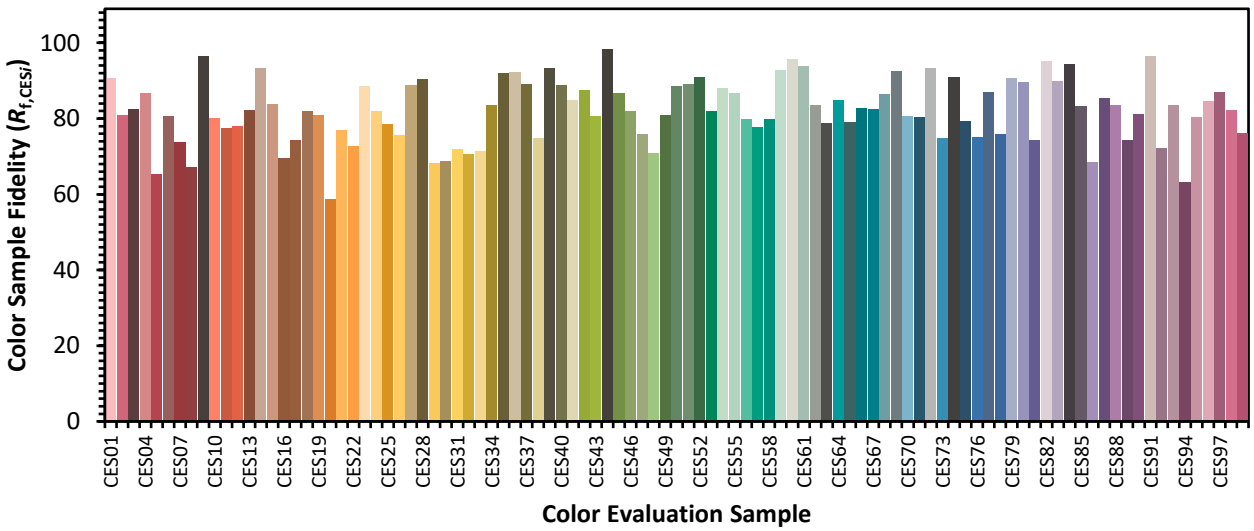


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Individual Sample Fidelity Index ($R_{f,i}$)

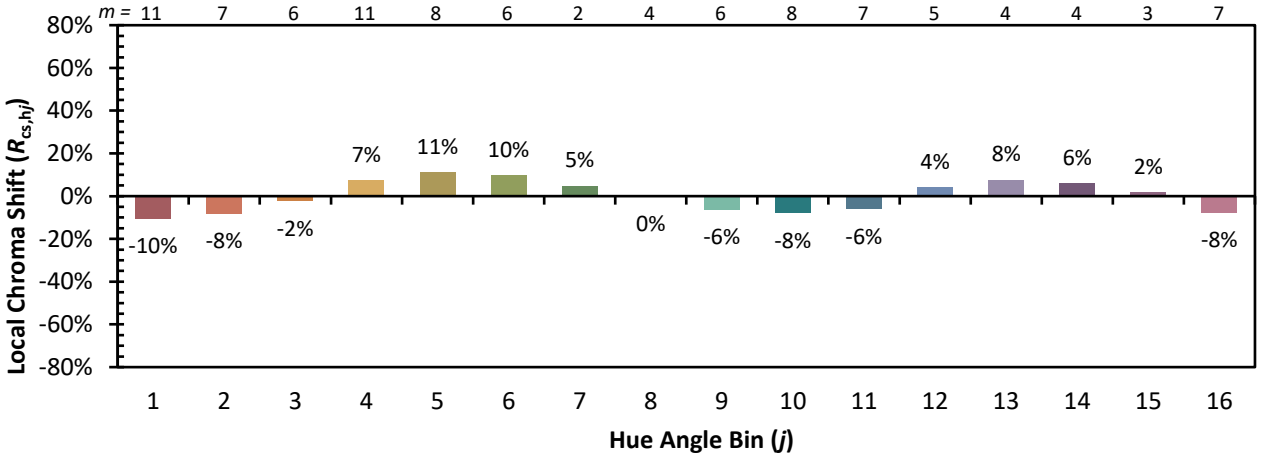
CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82 = 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	

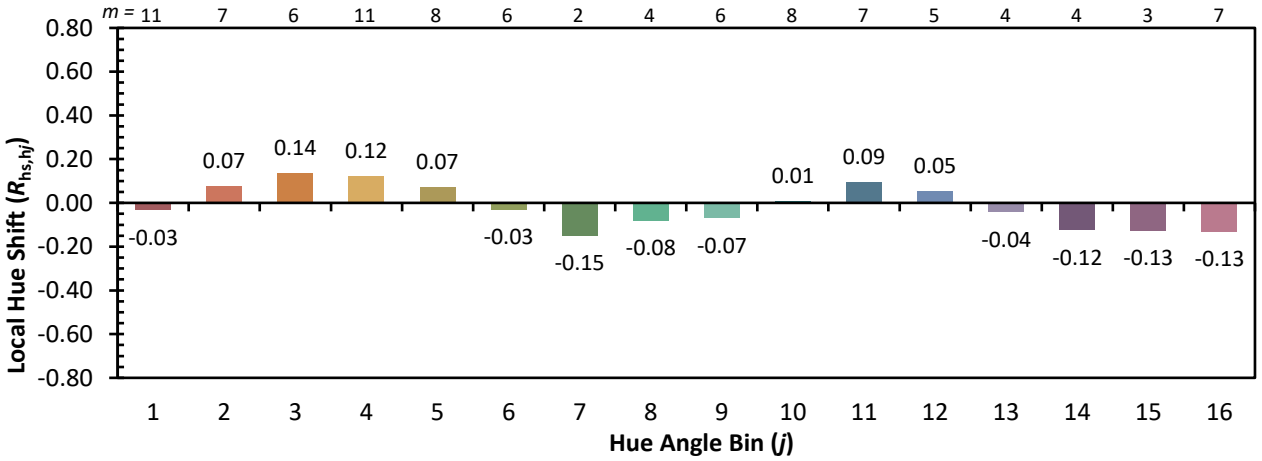


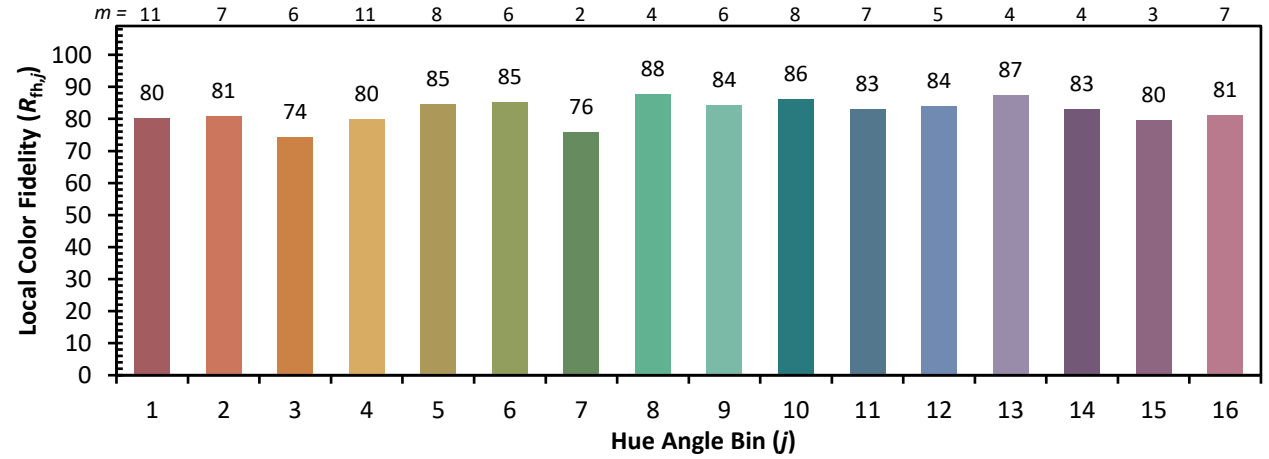
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Color Rendition by Hue-Angle Bin



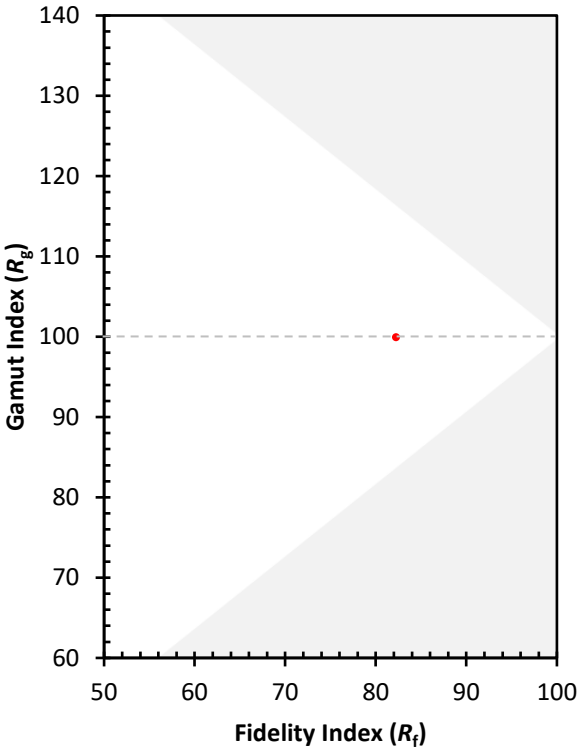


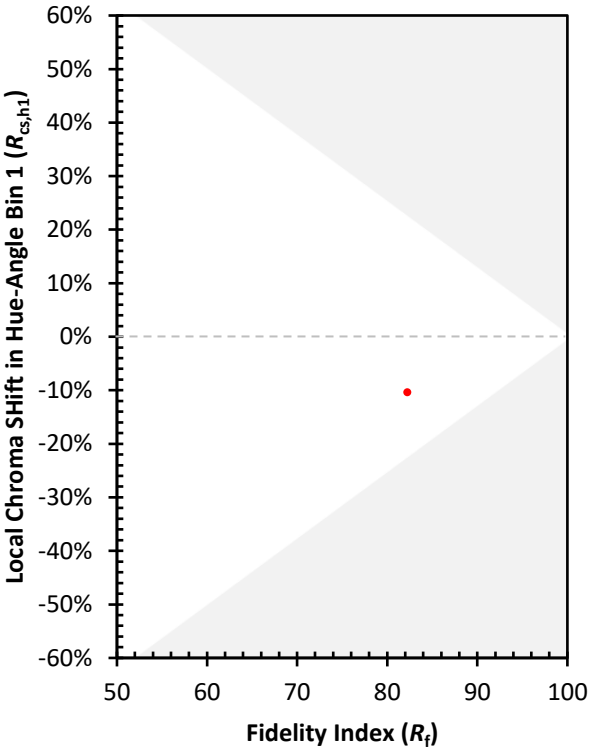


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Measure Comparisons





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