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: P1502261

Luminaire Tested: GSS-SB1A-827-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:	P1502261
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-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 1SQUARE 31W 80CRI 2700K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(26) 2700K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	2964.8 lumens
Efficiency:	N/A
Efficacy:	95.6 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

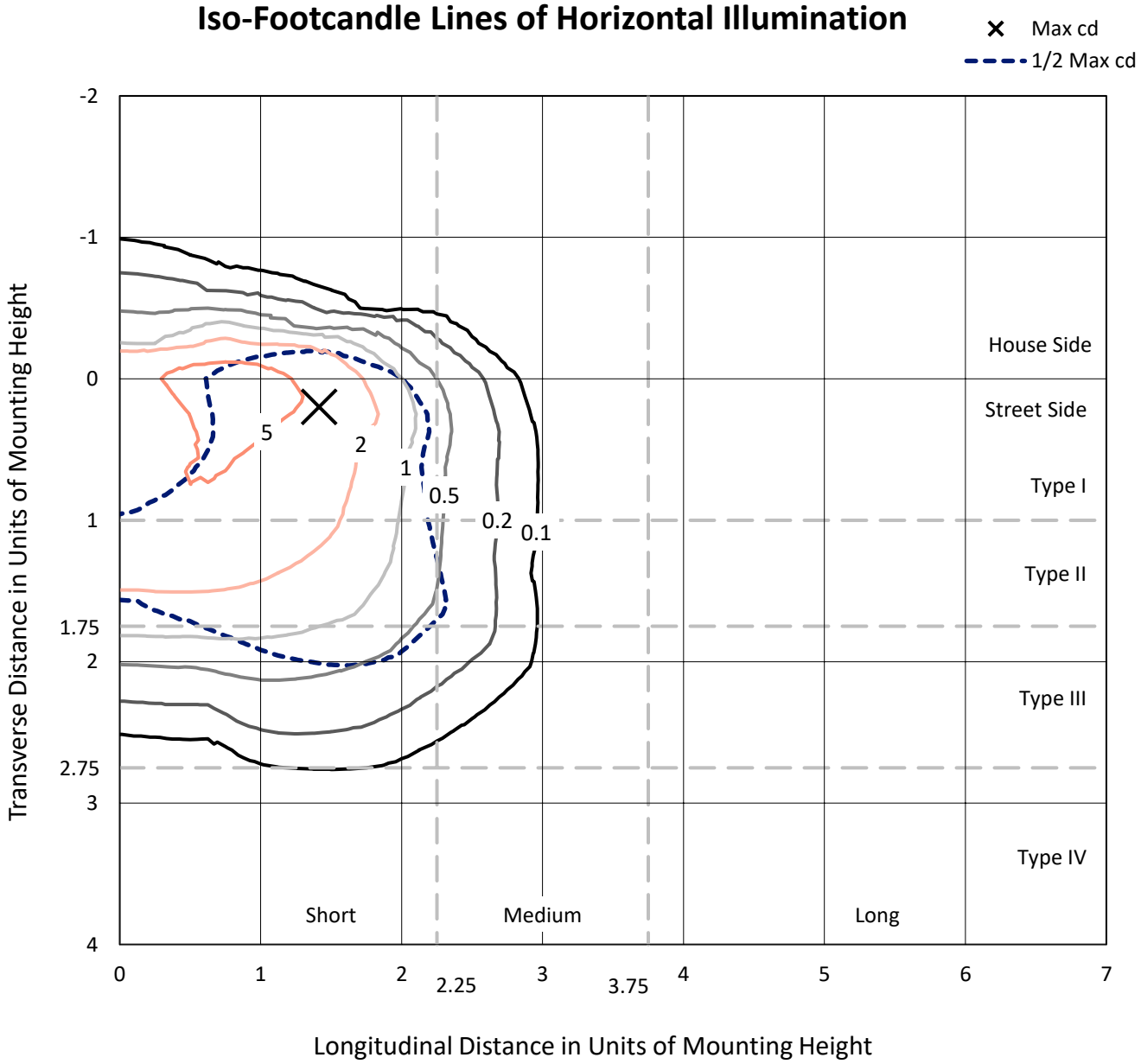
Input Watts (W):	31
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	6.4%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1502261
CATALOG NUMBER: GSS-SB1A-827-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



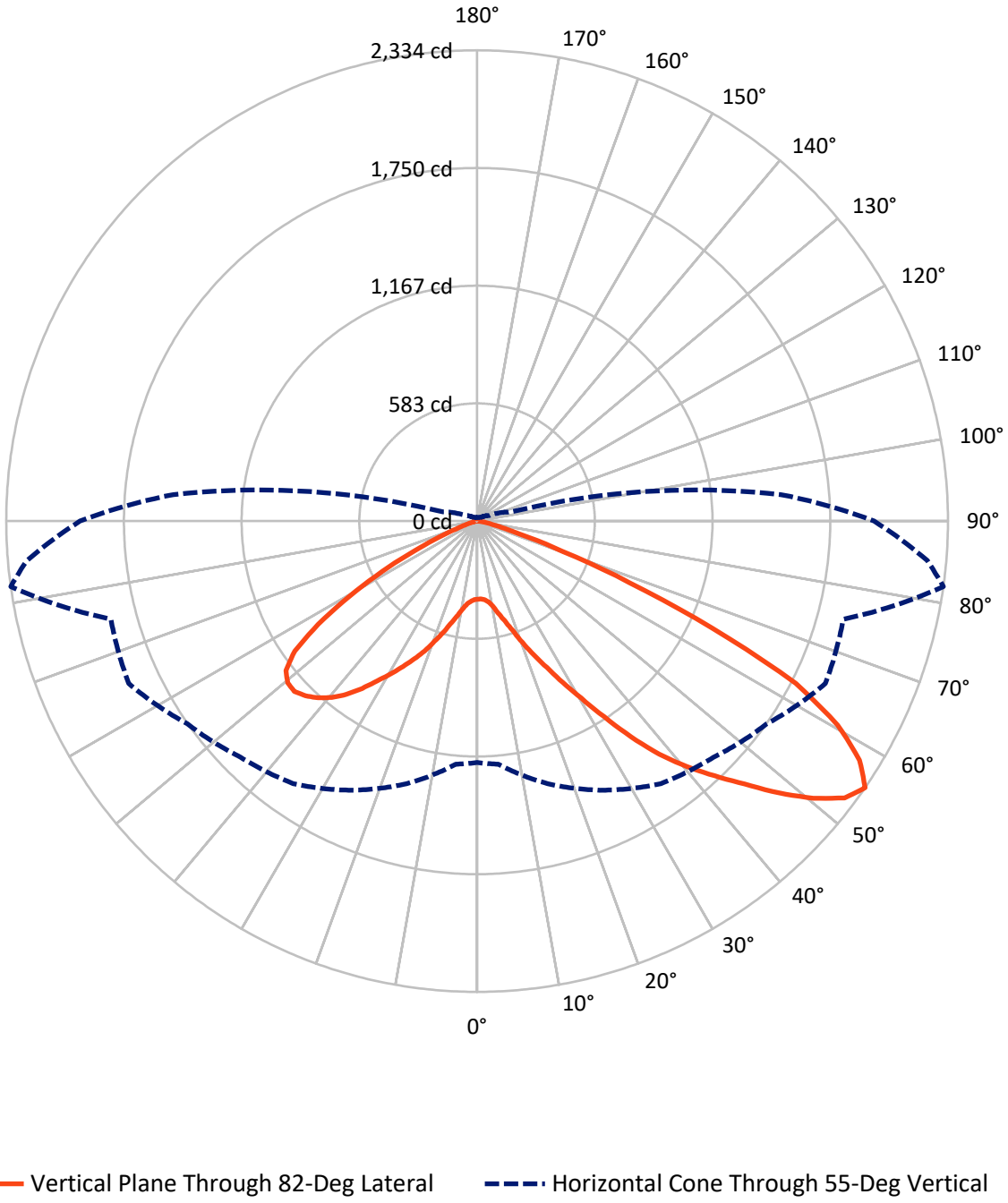
Based on 10 foot mounting height. Maximum calculated value = 7.2 fc
Type III - Short - N/A

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REPORT NUMBER: P1502261
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Luminous Intensity Polar Plot



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Scaled Data Report

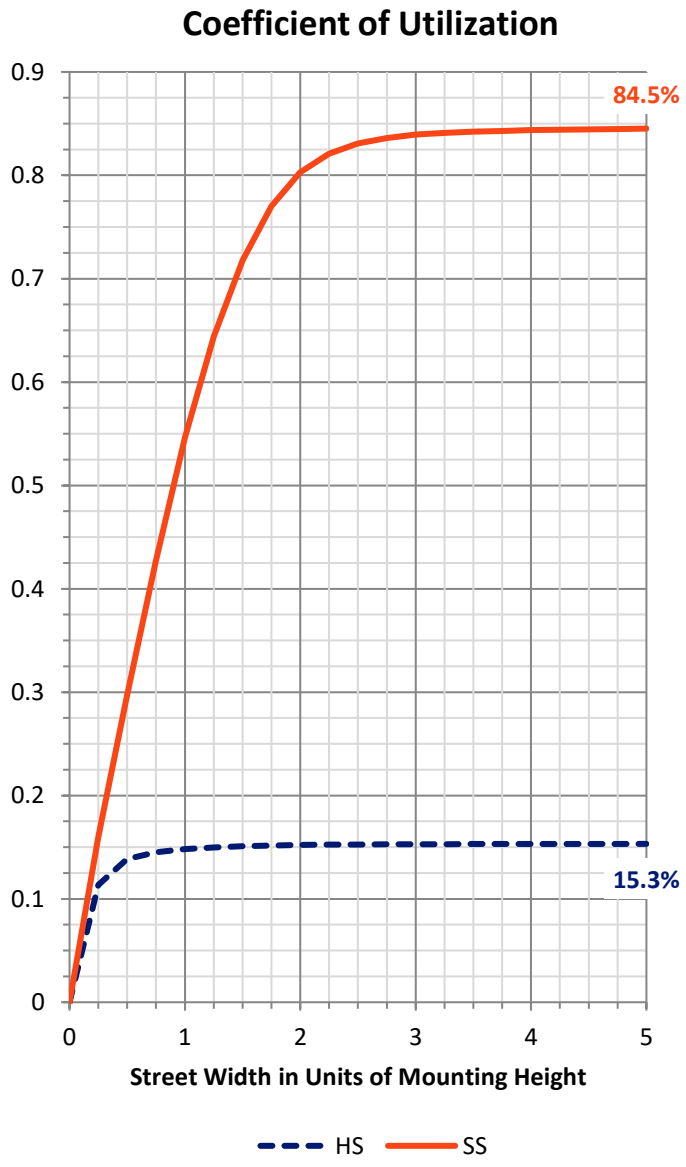
REPORT NUMBER: P1502261
CATALOG NUMBER: GSS-SB1A-827-U-T3LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	458.3	0.0	458.3
	% Fixture	15.5	0.0	15.5
Street Side	Lumens	2506.5	0.0	2506.5
	% Fixture	84.5	0.0	84.5
Total	Lumens	2964.8	0.0	2964.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	35.1	1.2
10°-20°	95.0	3.2
20°-30°	189.9	6.4
30°-40°	393.2	13.3
40°-50°	656.8	22.2
50°-60°	833.1	28.1
60°-70°	622.8	21.0
70°-80°	131.9	4.4
80°-90°	7.1	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°	2964.8	100.0
0°-180°	2964.8	100.0



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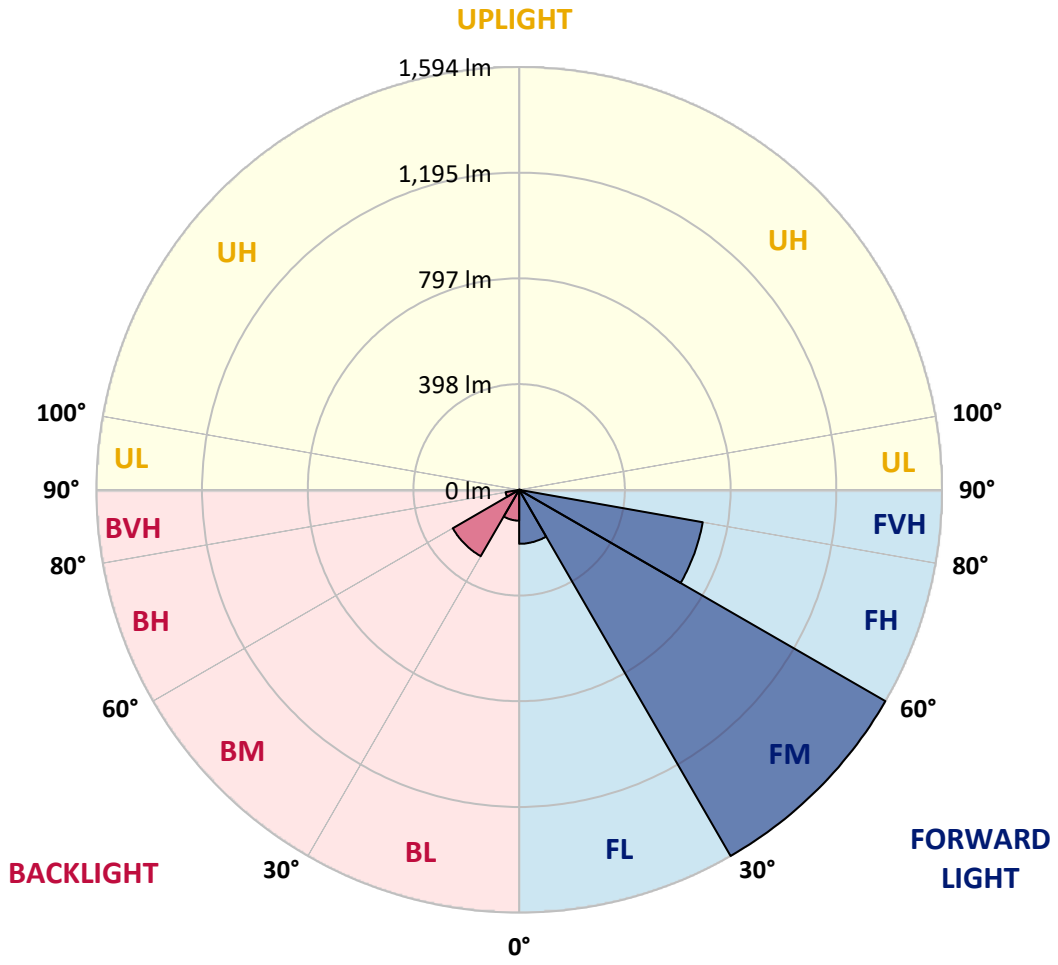
Scaled Data Report

REPORT NUMBER: P1502261
CATALOG NUMBER: GSS-SB1A-827-U-T3LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	203.6	6.9			
FM	(30°-60°)	1593.9	53.8			
FH	(60°-80°)	702.6	23.7			G1/1800
FVH	(80°-90°)	6.3	0.2			G0/10
BL	(0°-30°)	116.3	3.9	B1/500		
BM	(30°-60°)	289.1	9.8	B1/1000		
BH	(60°-80°)	52.0	1.8	B0/110		G0/110
BVH	(80°-90°)	0.7	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: P1502261
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	387.1	387.1	387.1	387.1	387.1	387.1	387.1	387.1	387.1	*387.1*	387.1
2.5°	376.6	377.4	375.8	376.6	378.2	377.4	380.6	383.0	385.4	*386.3*	387.1
5°	343.6	344.4	345.2	351.6	355.7	365.3	374.2	379.8	387.9	*391.9*	392.7
7.5°	304.2	304.2	307.4	315.4	325.9	344.4	364.5	380.6	395.9	*404.0*	405.6
10°	296.9	297.7	297.7	303.4	312.2	330.7	356.5	388.7	416.0	*428.1*	432.1
12.5°	298.5	299.3	300.1	305.8	314.6	330.7	363.7	405.6	448.2	*468.3*	470.7
15°	302.6	304.2	306.6	313.8	323.5	344.4	379.0	429.7	486.8	*512.6*	519.0
17.5°	314.6	315.4	319.5	327.5	342.8	363.7	401.5	461.1	540.8	*568.9*	581.0
20°	333.1	334.8	340.4	351.6	369.4	395.9	437.8	502.1	598.7	*642.1*	651.8
22.5°	356.5	356.5	364.5	382.2	407.2	436.9	487.6	556.8	669.5	*720.2*	736.3
25°	395.1	394.3	400.7	420.9	450.6	494.1	545.6	622.0	743.5	*803.9*	820.8
27.5°	483.6	481.2	478.8	479.6	505.3	560.9	620.4	704.1	835.3	*906.1*	919.0
30°	586.6	589.8	586.6	578.6	582.6	634.1	708.1	804.7	938.3	*1017.9*	1034.8
32.5°	676.7	678.4	692.0	700.9	704.1	728.2	809.5	926.2	1069.4	*1156.3*	1178.1
35°	774.9	777.3	792.6	811.1	840.1	861.8	936.7	1067.0	1203.0	*1312.4*	1328.5
37.5°	889.2	893.2	913.3	939.9	980.1	1030.0	1070.2	1195.0	1339.0	*1465.3*	1482.2
40°	989.8	1002.6	1037.2	1071.0	1113.7	1170.0	1196.6	1306.8	1439.6	*1600.5*	1628.7
42.5°	1084.7	1092.0	1147.5	1199.8	1250.5	1296.4	1322.1	1394.5	1528.9	*1726.1*	1757.4
45°	1163.6	1169.2	1231.2	1300.4	1363.1	1409.0	1413.0	1479.8	1617.4	*1858.8*	1883.0
47.5°	1211.9	1220.7	1300.4	1379.2	1448.4	1491.1	1484.6	1588.5	1714.0	*2013.3*	2016.5
50°	1240.8	1246.5	1327.7	1429.9	1515.2	1545.0	1558.7	1692.3	1801.7	*2159.8*	2140.5
52.5°	1261.8	1270.6	1350.3	1458.9	1554.7	1594.9	1644.0	1808.9	1870.9	*2279.7*	2228.2
55°	*1196.6*	*1209.4*	*1347.0*	*1471.8*	*1588.5*	*1656.0*	*1752.6*	*1904.7*	*1878.9*	*2333.6*	*2239.4*
57.5°	1123.3	1125.8	1261.8	1467.8	1626.3	1720.4	1852.4	1911.9	1804.1	*2235.4*	2125.2
60°	1015.5	1030.0	1169.2	1415.4	1632.7	1771.9	1920.0	1824.2	1667.3	*2053.6*	1887.8
62.5°	713.0	735.5	917.3	1277.8	1586.8	1800.1	1908.7	1671.3	1495.9	*1772.7*	1586.8
65°	399.1	418.4	567.3	1030.8	1460.5	1793.6	1792.8	1466.9	1220.7	*1281.1*	1134.6
67.5°	218.9	234.2	294.5	775.7	1158.8	1656.0	1549.0	1119.3	818.4	*813.5*	708.1
70°	152.9	153.7	185.9	523.9	832.9	1155.5	1211.1	750.8	507.8	*449.0*	379.0
72.5°	74.8	75.6	92.5	247.0	509.4	640.5	830.4	390.3	284.9	*222.9*	189.9
75°	37.8	37.0	50.7	92.5	210.8	312.2	366.1	195.5	165.8	*122.3*	108.6
77.5°	24.1	24.9	29.8	50.7	95.0	121.5	112.7	106.2	97.4	*71.6*	62.0
80°	16.1	16.1	20.1	32.2	46.7	57.9	34.6	49.1	57.1	*41.8*	36.2
82.5°	4.8	4.8	12.1	17.7	22.5	23.3	15.3	22.5	32.2	*23.3*	17.7
85°	3.2	3.2	6.4	8.9	9.7	8.0	4.8	9.7	15.3	*10.5*	8.9
87.5°	0.0	0.0	0.0	0.8	0.8	0.8	0.8	0.8	0.8	*0.8*	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: P1502261
CATALOG NUMBER: GSS-SB1A-827-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	387.1	387.1	387.1	387.1	387.1	387.1	387.1	387.1	387.1	387.1	387.1
2.5°	387.9	388.7	391.1	391.9	393.5	394.3	394.3	394.3	393.5	394.3	395.9
5°	394.3	398.3	401.5	400.7	400.7	396.7	393.5	387.1	383.8	383.0	383.8
7.5°	410.4	413.6	416.8	412.0	399.9	381.4	361.3	345.2	331.5	325.1	327.5
10°	439.4	443.4	443.4	420.9	387.1	343.6	307.4	277.6	255.1	243.0	248.6
12.5°	481.2	484.4	476.4	428.9	364.5	292.9	232.6	182.7	153.7	139.2	136.0
15°	529.5	534.3	507.0	427.3	329.1	218.9	144.8	108.6	98.2	95.0	95.8
17.5°	591.4	593.9	540.8	414.4	268.0	143.2	103.0	92.5	90.1	88.5	88.5
20°	667.9	660.6	568.1	392.7	195.5	112.7	95.0	86.9	84.5	83.7	84.5
22.5°	750.0	738.7	590.6	351.6	148.1	106.2	90.9	82.1	78.9	78.1	78.1
25°	836.1	810.3	608.3	291.3	138.4	104.6	86.1	74.8	71.6	70.0	70.0
27.5°	934.2	890.0	618.0	243.8	140.8	102.2	80.5	68.4	63.6	62.0	62.0
30°	1042.9	978.5	618.8	234.2	145.6	99.0	74.8	61.2	56.3	53.9	54.7
32.5°	1174.8	1068.6	616.4	249.5	148.9	96.6	68.4	53.9	49.9	47.5	47.5
35°	1311.6	1178.1	606.7	278.4	150.5	89.3	60.4	47.5	42.6	41.8	42.6
37.5°	1447.6	1281.9	593.1	294.5	142.4	73.2	49.1	41.0	37.8	37.8	37.8
40°	1571.6	1372.0	574.5	280.8	113.5	53.1	40.2	35.4	33.8	33.0	33.8
42.5°	1664.1	1452.5	540.8	236.6	80.5	42.6	35.4	31.4	29.8	29.8	30.6
45°	1765.5	1529.7	475.6	173.8	61.2	37.0	30.6	27.4	26.6	26.6	27.4
47.5°	1867.7	1591.7	412.8	115.9	53.1	33.0	27.4	24.9	24.1	23.3	24.1
50°	1945.7	1621.4	330.7	84.5	48.3	29.8	24.9	23.3	21.7	20.9	20.9
52.5°	2001.3	1613.4	242.2	72.4	44.3	27.4	23.3	21.7	19.3	19.3	19.3
55°	*1967.5*	*1510.4*	*174.6*	*65.2*	*41.0*	*25.8*	*22.5*	*20.1*	*18.5*	*17.7*	*17.7*
57.5°	1803.3	1287.5	126.3	58.7	36.2	24.1	21.7	19.3	16.9	16.1	16.1
60°	1567.5	1002.6	94.1	51.5	31.4	23.3	19.3	18.5	16.1	14.5	14.5
62.5°	1281.1	729.9	73.2	44.3	28.2	20.1	18.5	16.9	14.5	12.9	12.1
65°	889.2	465.9	56.3	36.2	26.6	17.7	16.9	14.5	12.1	9.7	9.7
67.5°	548.8	276.8	43.5	28.2	20.9	15.3	14.5	12.9	10.5	8.0	8.0
70°	303.4	146.5	29.8	20.9	16.1	12.1	11.3	11.3	8.9	7.2	6.4
72.5°	145.6	79.7	20.1	17.7	12.1	8.0	8.9	8.9	7.2	5.6	5.6
75°	87.7	47.5	13.7	13.7	8.0	6.4	6.4	7.2	5.6	4.0	4.0
77.5°	49.9	28.2	8.0	10.5	5.6	4.0	4.8	4.0	3.2	2.4	2.4
80°	28.2	16.1	4.8	7.2	3.2	2.4	2.4	1.6	1.6	0.8	0.8
82.5°	13.7	8.9	2.4	2.4	1.6	0.8	0.8	0.8	0.8	0.0	0.0
85°	6.4	1.6	0.8	0.8	0.8	0.8	0.8	0.8	0.8	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: SP1-2407-184-8

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

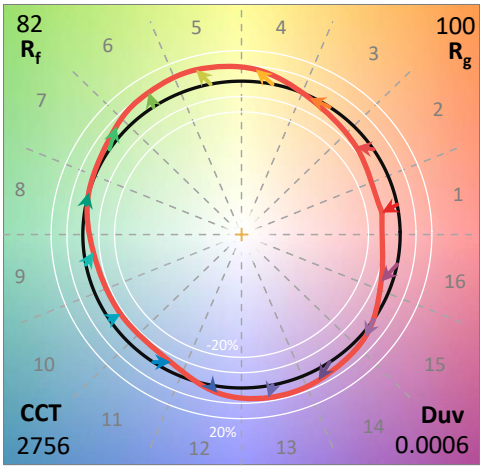
Test Information

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

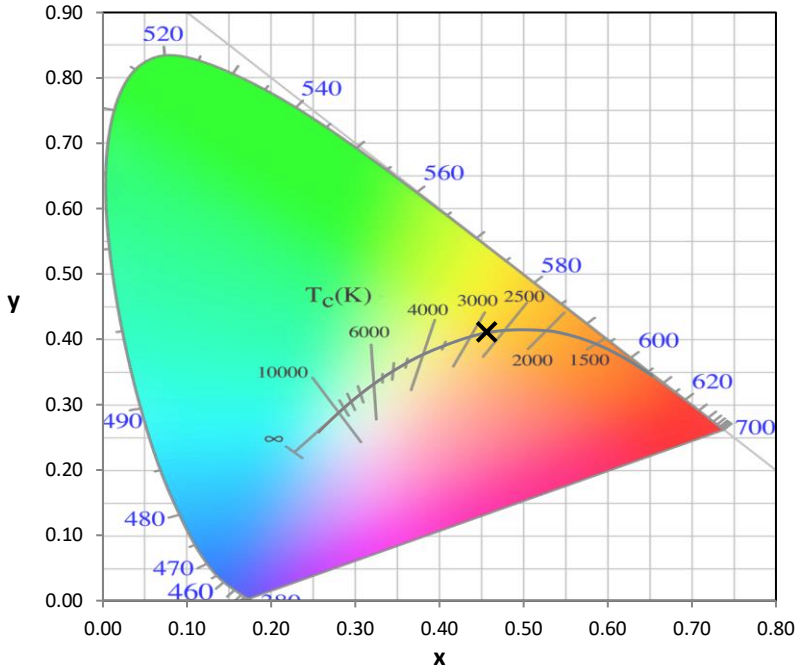
Stabilization Time:	29M
Operation Time:	1H 29M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-8

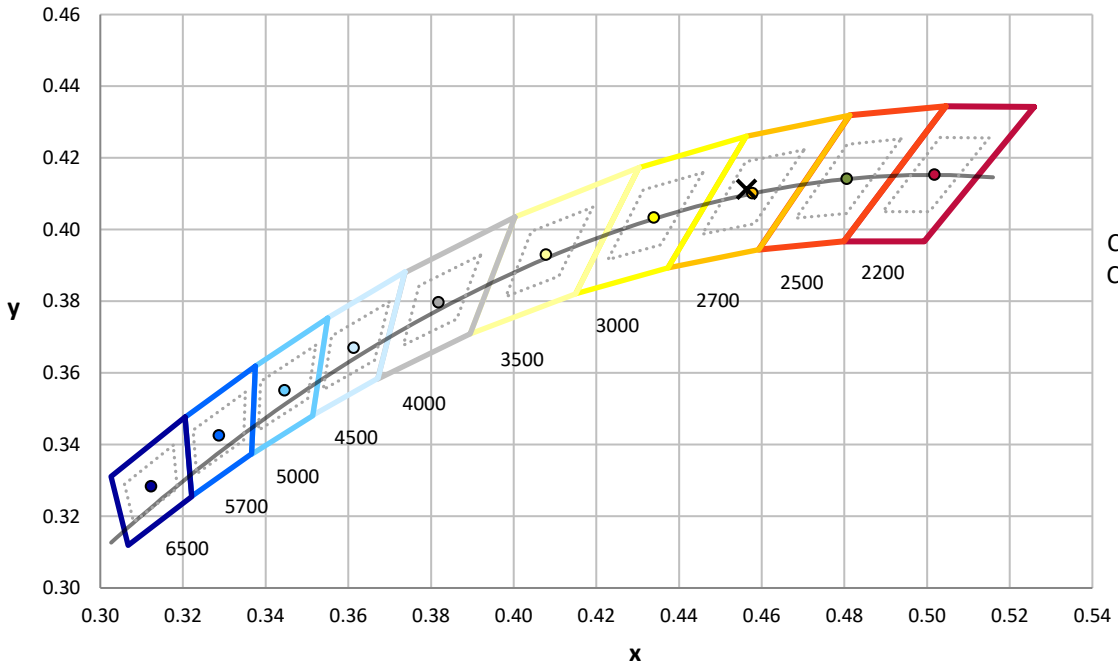
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

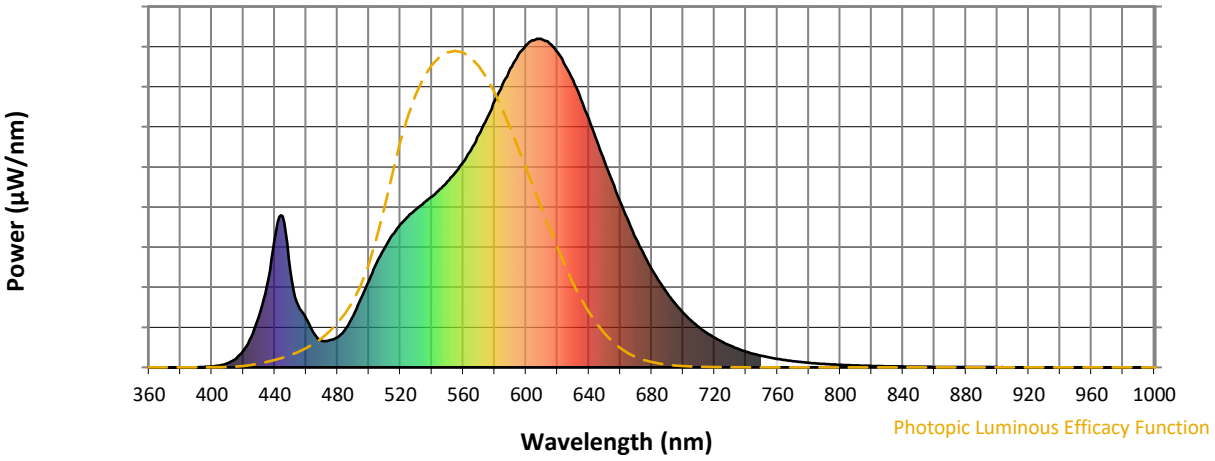


CCT = 2756K
CIE x = 0.4563
CIE y = 0.4112
Duv = 0.0006

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-8

Photopic Flux vs. Wavelength

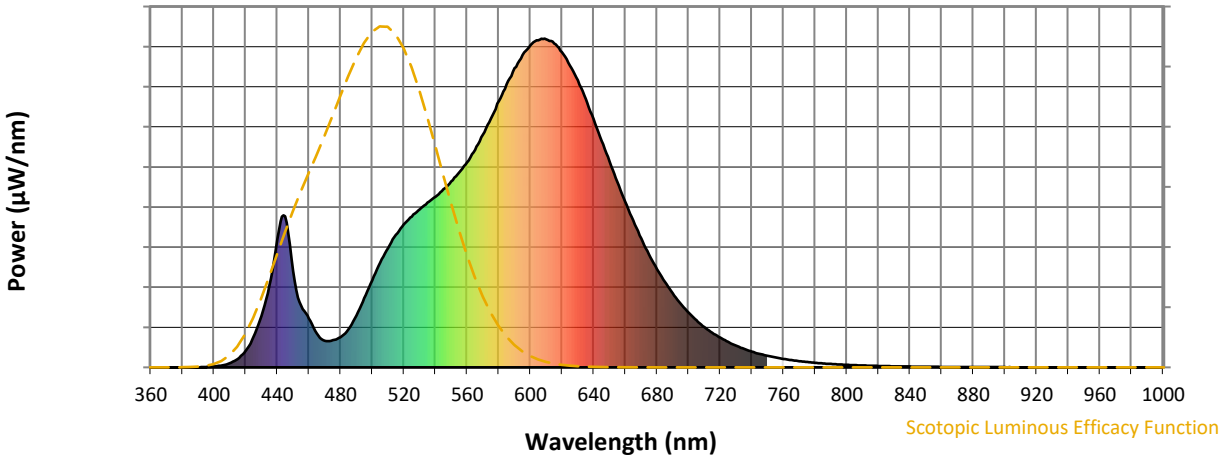


Photopic Lumens: NR

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

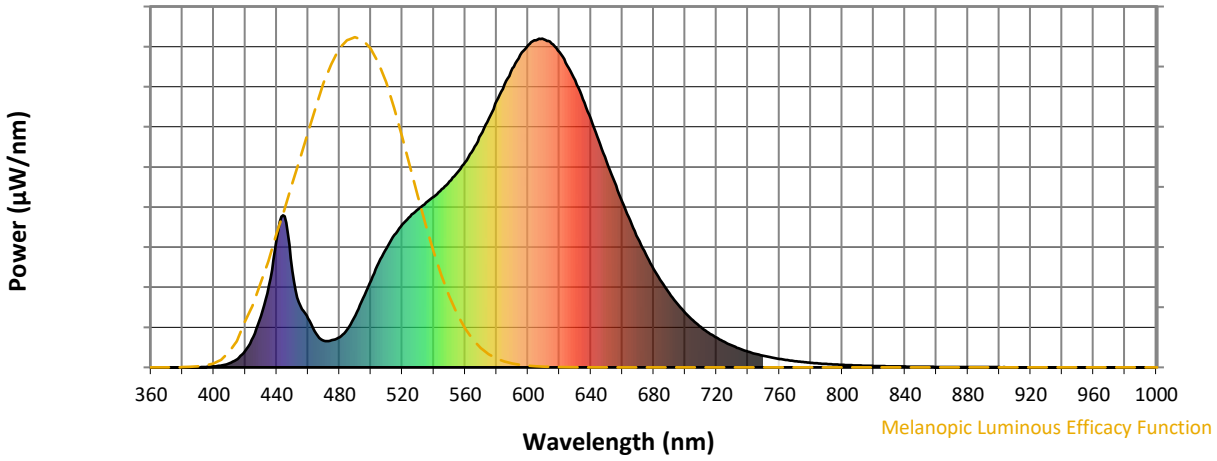


Scotopic Lumens: NR **S/P: 1.2**

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			

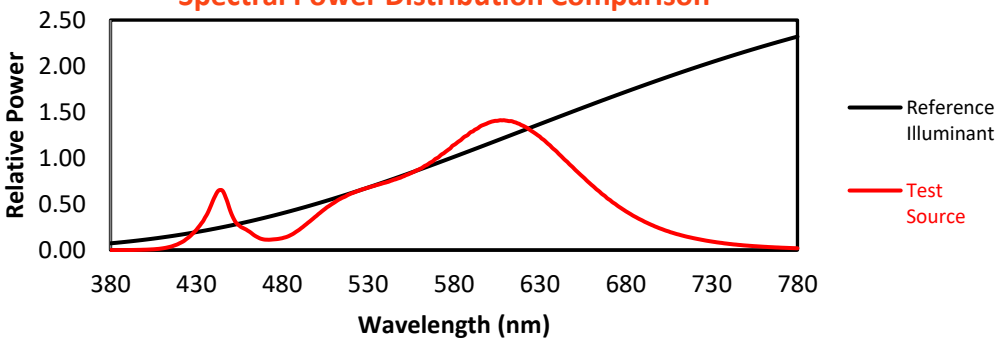
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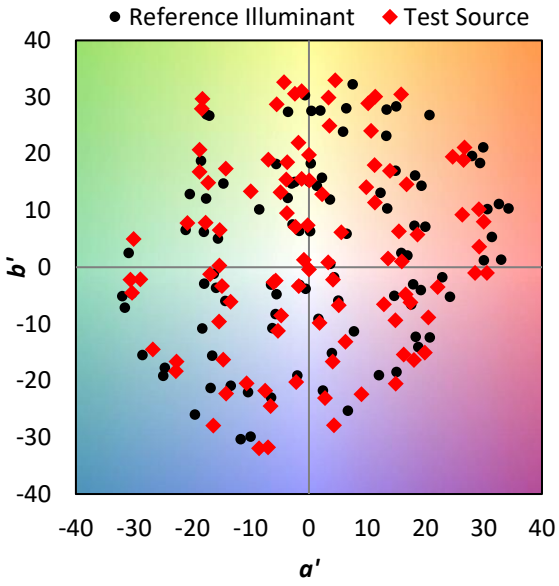
Summary

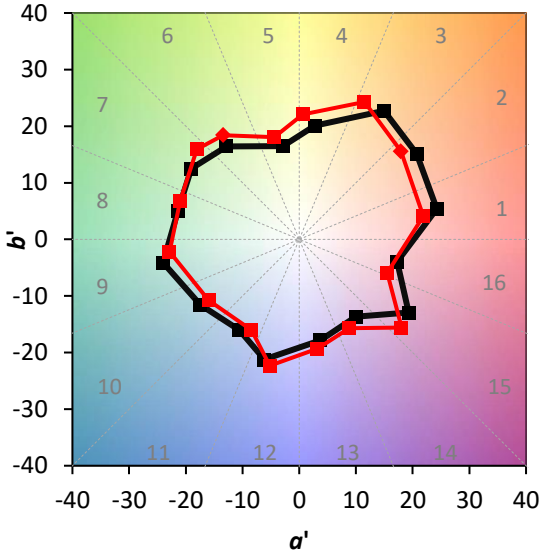
R_f = 82.2
R_g = 99.9
CIE R_a = 82.9
R_9 = 10.8

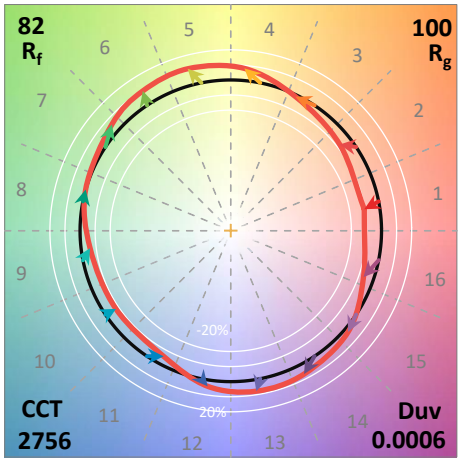
Spectral Power Distribution Comparison

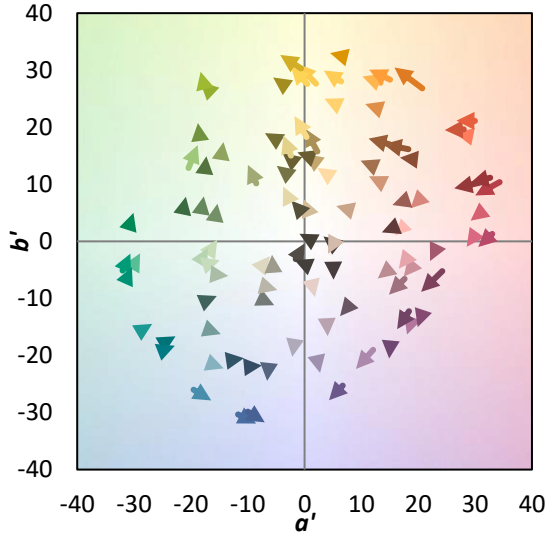


Color Vector Graphics







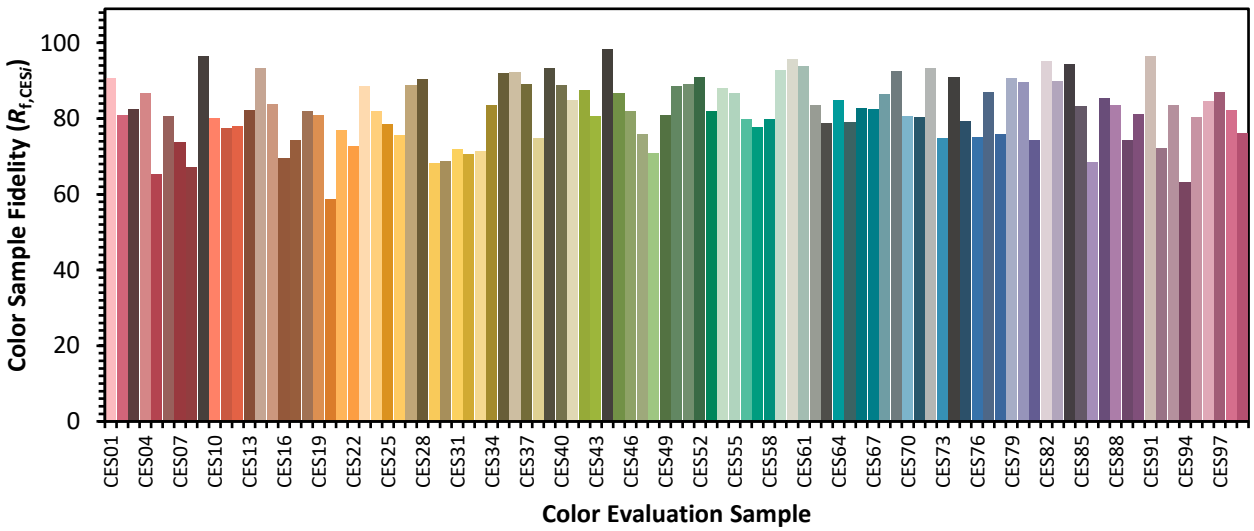


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Individual Sample Fidelity Index ($R_{f,i}$)

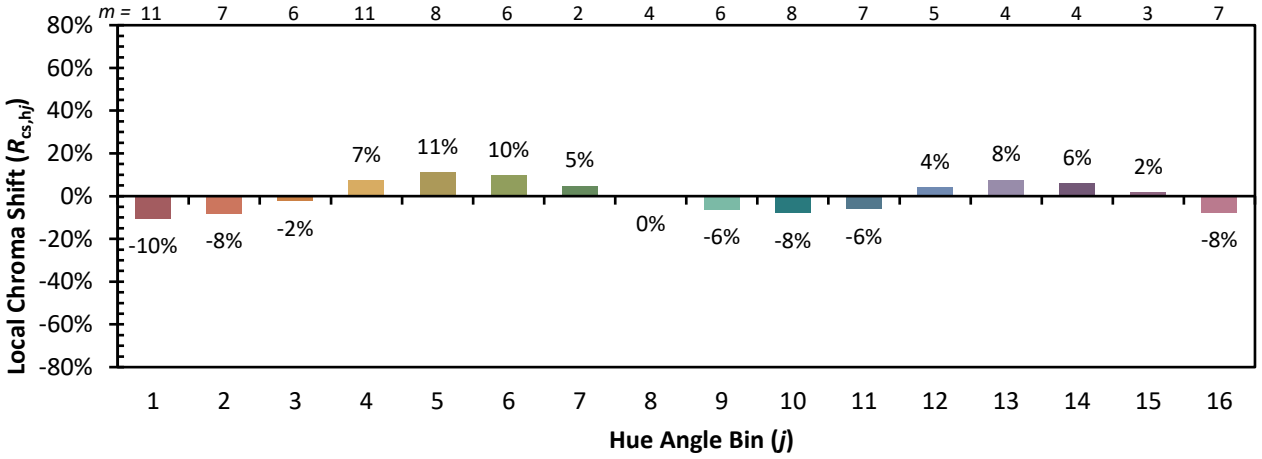
CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82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

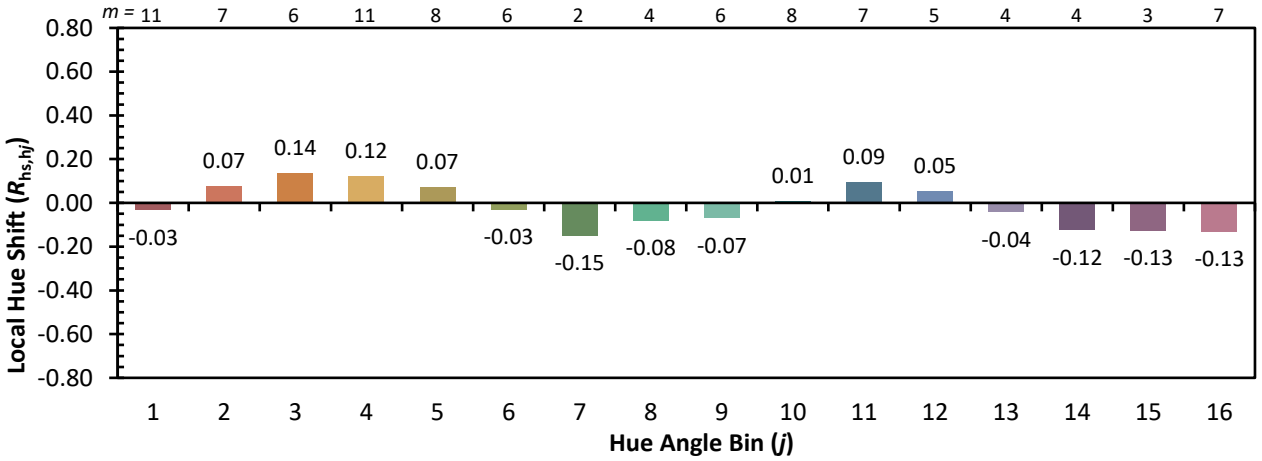


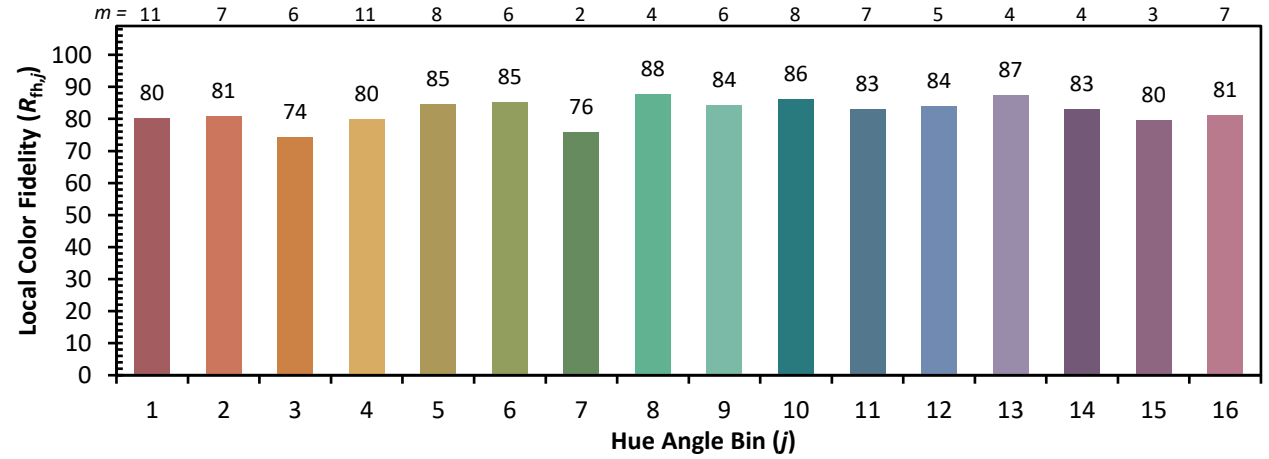
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Color Rendition by Hue-Angle Bin



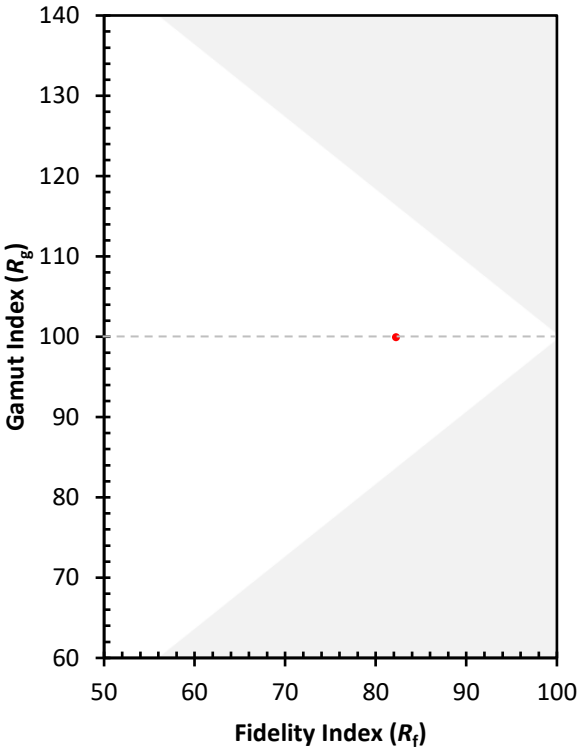


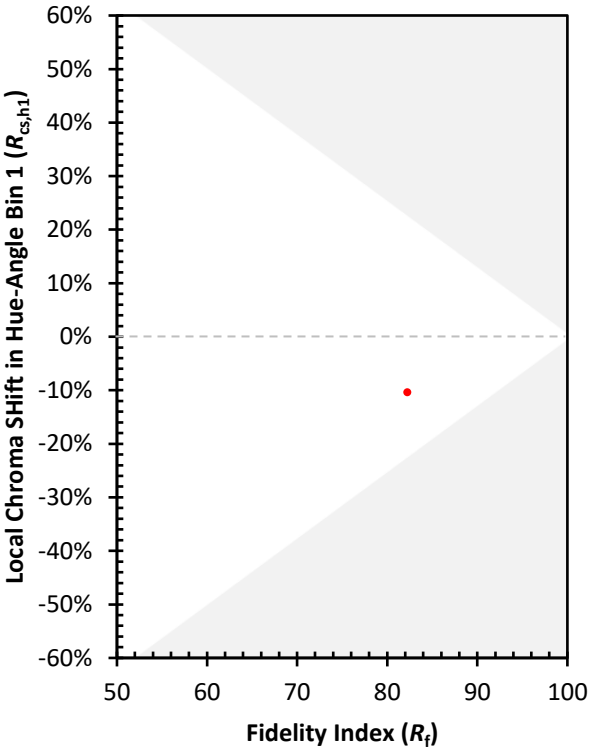


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Measure Comparisons





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