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

Scaled data based on original data using

LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P1364555

Luminaire Tested: **GSS-SB2A-727-U-SLR-HSS**

Issue Date: 02/18/2026

Report Generated By 670245763

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1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P1364555
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB2A-727-U-SLR-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 2SQUARE 58W 70CRI 2700K FIXTURE w/ 90° Spill Light Eliminator RIGHT OPTIC AND HOUSE SIDE SHIELD
Light Source:	(52) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5831.1 lumens
Efficiency:	N/A
Efficacy:	100.5 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G2

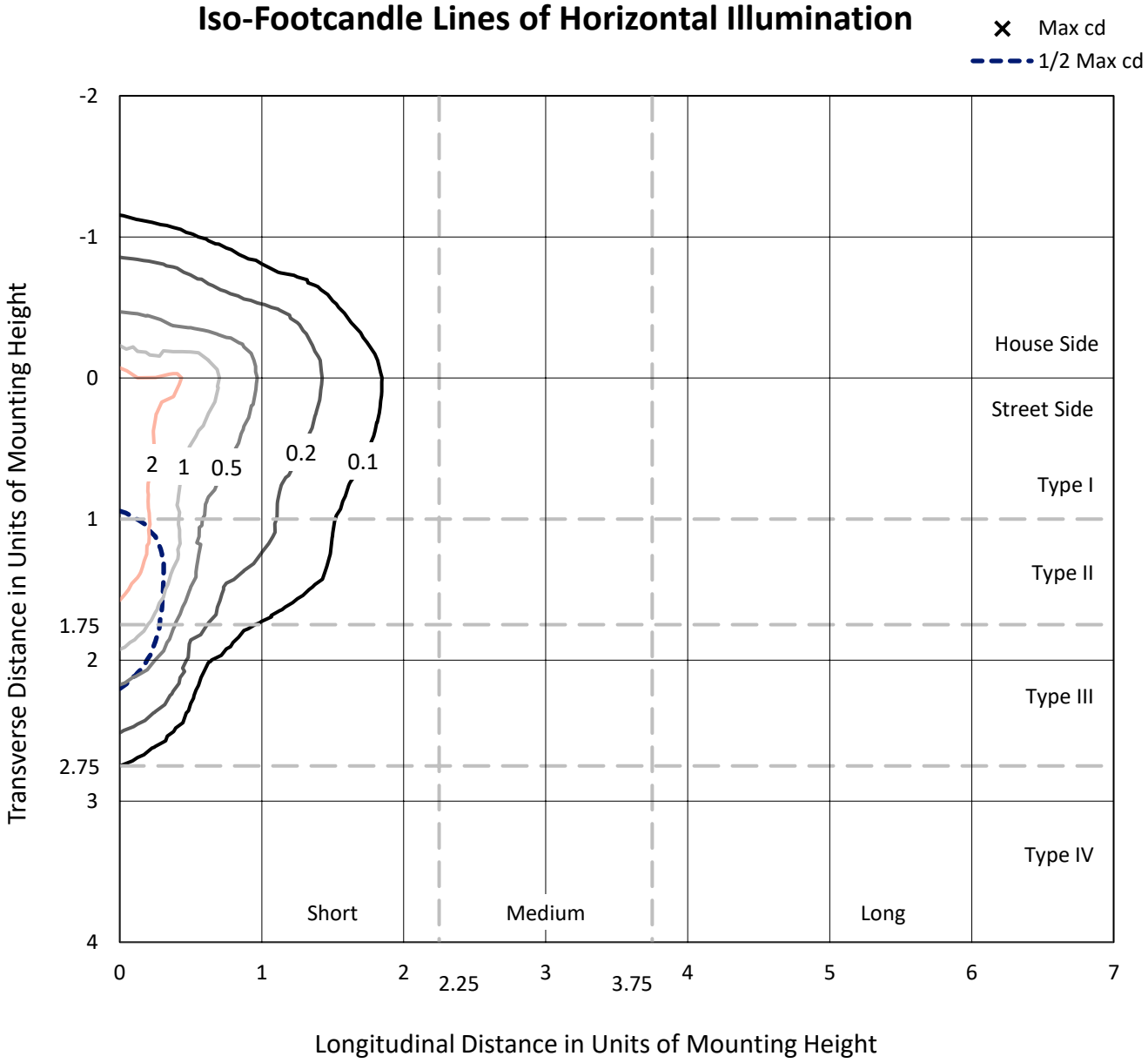
Input Watts (W):	58
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	9.0%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination



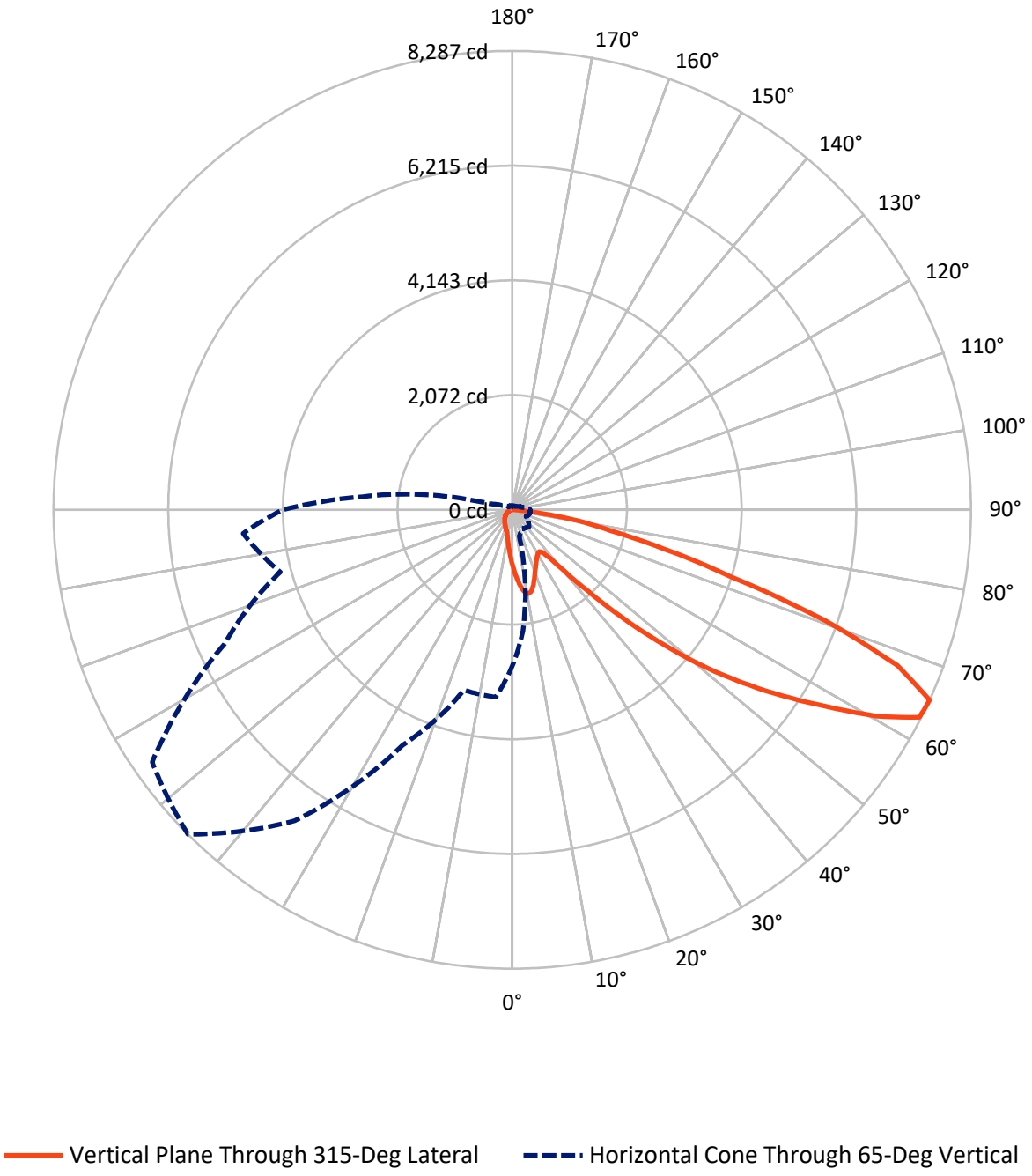
Based on 20 foot mounting height. Maximum calculated value = 3.2 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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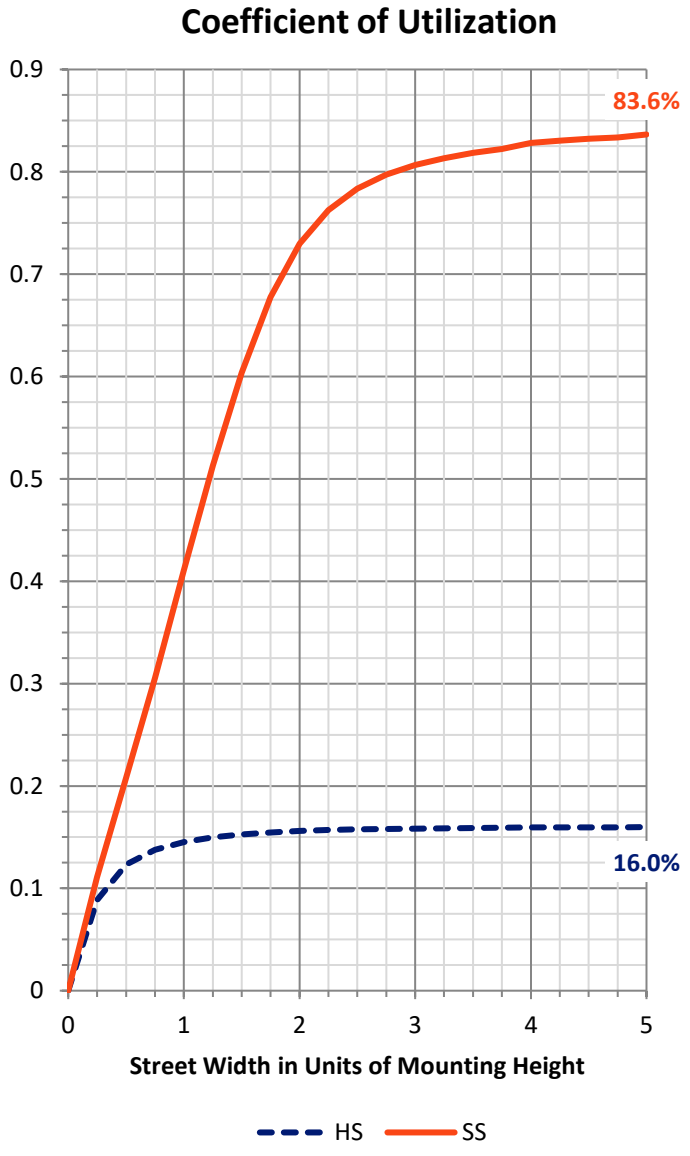
REPORT NUMBER: P1364555
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	942.6	0.0	942.6
	% Fixture	16.2	0.0	16.2
Street Side	Lumens	4888.5	0.0	4888.5
	% Fixture	83.8	0.0	83.8
Total	Lumens	5831.1	0.0	5831.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	96.9	1.7
10°-20°	267.9	4.6
20°-30°	383.8	6.6
30°-40°	481.3	8.3
40°-50°	790.7	13.6
50°-60°	1426.9	24.5
60°-70°	1583.5	27.2
70°-80°	715.5	12.3
80°-90°	84.6	1.5
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°	5831.1	100.0
0°-180°	5831.1	100.0



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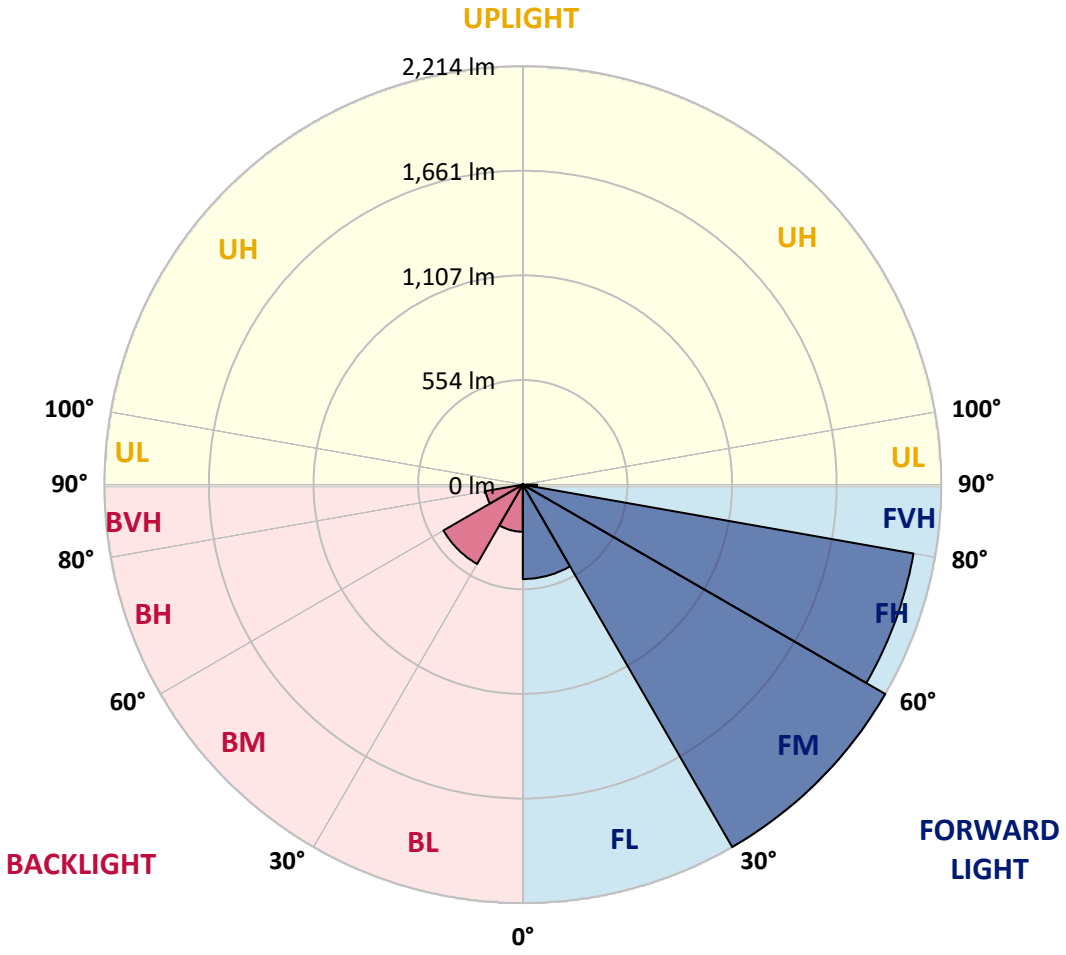
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	499.5	8.6			
FM	(30°-60°)	2214.2	38.0			
FH	(60°-80°)	2098.8	36.0			G2/5000
FVH	(80°-90°)	75.9	1.3			G1/100
BL	(0°-30°)	249.1	4.3	B1/500		
BM	(30°-60°)	484.7	8.3	B1/1000		
BH	(60°-80°)	200.2	3.4	B1/500		G1/500
BVH	(80°-90°)	8.7	0.1			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	1008.1	1008.1	1008.1	1008.1	1008.1	1008.1	1008.1	1008.1	1008.1	1008.1	1008.1
2.5°	1137.0	1135.9	1131.6	1104.8	1077.9	1054.6	1031.4	1008.1	975.8	950.8	929.3
5°	1244.4	1238.7	1215.8	1174.6	1129.8	1090.4	1045.7	1002.7	954.4	915.0	873.8
7.5°	1317.8	1312.1	1289.2	1221.1	1153.1	1104.8	1056.4	1011.7	957.9	906.0	846.9
10°	1351.9	1345.4	1319.6	1246.2	1167.4	1108.3	1060.0	1018.8	974.1	922.1	848.7
12.5°	1375.1	1367.3	1335.7	1251.6	1171.0	1111.9	1061.8	1022.4	990.2	959.7	888.1
15°	1389.5	1382.3	1353.7	1265.9	1172.8	1106.6	1047.5	1009.9	999.1	1004.5	970.5
17.5°	1410.9	1404.1	1376.9	1283.8	1183.5	1097.6	1017.0	975.8	999.1	1047.5	1058.2
20°	1439.6	1432.4	1403.8	1307.1	1192.5	1070.7	959.7	920.3	979.4	1060.0	1115.5
22.5°	1471.8	1466.1	1443.2	1334.0	1201.5	1031.4	884.5	866.6	938.2	1024.2	1095.8
25°	1511.2	1505.8	1484.4	1371.6	1210.4	977.6	820.1	823.6	884.5	952.6	1026.0
27.5°	1564.9	1559.9	1539.9	1418.1	1221.1	922.1	768.1	786.0	830.8	877.4	922.1
30°	1624.0	1620.1	1604.3	1473.6	1242.6	870.2	737.7	748.4	778.9	816.5	843.3
32.5°	1704.6	1698.2	1672.4	1525.5	1240.8	830.8	723.4	712.6	721.6	752.0	778.9
35°	1804.9	1799.9	1779.8	1579.3	1208.6	795.0	716.2	678.6	673.2	691.1	718.0
37.5°	1951.7	1947.4	1930.2	1667.0	1158.5	750.2	698.3	642.8	624.9	637.4	655.3
40°	2171.9	2160.8	2116.4	1767.3	1103.0	705.5	666.1	599.8	574.8	583.7	603.4
42.5°	2470.9	2449.8	2365.3	1901.6	1027.8	662.5	617.7	556.9	530.0	535.4	553.3
45°	2854.1	2822.3	2694.8	2086.0	949.0	628.5	567.6	512.1	483.4	488.8	508.5
47.5°	3301.8	3258.1	3083.3	2279.4	864.8	608.8	528.2	467.3	445.8	458.4	478.1
50°	3830.0	3785.9	3609.7	2402.9	796.8	596.3	497.8	426.1	417.2	433.3	449.4
52.5°	4406.5	4343.9	4093.2	2324.1	741.3	585.5	487.0	397.5	401.1	413.6	429.7
55°	4967.0	4827.7	4270.4	2062.7	669.7	573.0	494.2	376.0	385.0	401.1	413.6
57.5°	5332.2	5090.2	4121.8	1661.6	594.5	558.6	499.6	365.3	372.4	390.3	404.7
60°	5013.5	4770.0	3796.0	1244.4	530.0	528.2	490.6	361.7	350.9	376.0	388.5
62.5°	4107.5	3907.0	3104.8	795.0	469.1	470.9	470.9	359.9	315.1	347.4	358.1
65°	*2821.9*	*2696.6*	*2195.2*	*492.4*	*383.2*	*401.1*	*427.9*	*349.2*	*277.5*	*315.1*	*325.9*
67.5°	1855.0	1763.0	1394.8	304.4	295.4	329.5	370.6	327.7	248.9	282.9	290.1
70°	1006.3	936.5	657.1	200.5	193.4	257.8	291.9	277.5	223.8	252.5	259.6
72.5°	664.3	607.0	377.8	141.5	141.5	202.3	204.1	227.4	200.5	223.8	231.0
75°	499.6	448.4	243.5	98.5	109.2	128.9	159.4	162.9	168.3	189.8	198.8
77.5°	229.2	201.3	89.5	59.1	80.6	89.5	121.8	103.9	125.3	141.5	145.0
80°	132.5	116.0	50.1	39.4	51.9	57.3	100.3	60.9	75.2	100.3	105.6
82.5°	55.5	49.4	25.1	26.9	32.2	34.0	55.5	43.0	48.3	66.3	64.5
85°	16.1	16.1	16.1	17.9	19.7	19.7	32.2	30.4	28.6	30.4	30.4
87.5°	10.7	10.7	10.7	10.7	12.5	12.5	14.3	16.1	17.9	17.9	17.9
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1008.1	1008.1	1008.1	1008.1	1008.1	1008.1	1008.1	1008.1	1008.1	1008.1	1008.1
2.5°	920.3	907.8	891.7	868.4	864.8	852.3	843.3	852.3	861.3	877.4	879.2
5°	852.3	832.6	795.0	766.4	734.1	718.0	716.2	712.6	723.4	746.7	761.0
7.5°	814.7	782.5	714.4	664.3	619.5	603.4	590.9	601.6	599.8	630.3	642.8
10°	805.7	755.6	660.7	585.5	530.0	508.5	496.0	494.2	497.8	515.7	528.2
12.5°	838.0	773.5	639.2	528.2	463.8	440.5	426.1	413.6	413.6	417.2	433.3
15°	909.6	832.6	651.8	501.4	431.5	401.1	377.8	361.7	349.2	350.9	352.7
17.5°	1009.9	918.5	684.0	492.4	411.8	379.6	350.9	334.8	320.5	316.9	316.9
20°	1088.6	1000.9	709.1	485.2	395.7	354.5	329.5	315.1	302.6	297.2	297.2
22.5°	1097.6	1034.9	730.5	476.3	376.0	329.5	306.2	293.6	284.7	282.9	282.9
25°	1038.5	1008.1	723.4	465.5	356.3	306.2	288.3	277.5	268.6	266.8	268.6
27.5°	940.0	923.9	698.3	451.2	340.2	288.3	272.2	263.2	254.3	252.5	254.3
30°	852.3	834.4	655.3	427.9	327.7	274.0	256.0	247.1	238.1	238.1	239.9
32.5°	780.7	762.8	612.4	401.1	311.6	257.8	241.7	232.8	223.8	223.8	227.4
35°	716.2	701.9	578.3	374.2	295.4	243.5	225.6	218.4	211.3	209.5	213.1
37.5°	660.7	653.5	547.9	345.6	279.3	229.2	213.1	205.9	197.0	195.2	198.8
40°	607.0	603.4	513.9	320.5	259.6	214.9	198.8	191.6	180.8	180.8	184.4
42.5°	556.9	555.1	483.4	304.4	241.7	200.5	182.6	175.5	166.5	166.5	170.1
45°	517.5	515.7	454.8	295.4	223.8	184.4	168.3	159.4	152.2	154.0	157.6
47.5°	481.7	478.1	424.4	297.2	214.9	173.7	152.2	143.2	137.9	141.5	146.8
50°	453.0	449.4	402.9	299.0	200.5	159.4	139.7	130.7	127.1	132.5	137.9
52.5°	435.1	431.5	381.4	288.3	182.6	148.6	127.1	121.8	121.8	127.1	130.7
55°	417.2	413.6	345.6	265.0	162.9	137.9	118.2	114.6	114.6	120.0	123.5
57.5°	406.5	399.3	308.0	238.1	146.8	125.3	109.2	109.2	109.2	111.0	112.8
60°	390.3	372.4	268.6	204.1	134.3	112.8	102.1	100.3	100.3	98.5	100.3
62.5°	356.3	325.9	225.6	173.7	120.0	102.1	93.1	91.3	85.9	80.6	82.4
65°	*322.3*	*275.7*	*179.1*	*145.0*	*103.9*	*87.7*	*82.4*	*80.6*	*71.6*	*64.5*	*66.3*
67.5°	279.3	220.2	134.3	121.8	89.5	75.2	69.8	69.8	64.5	59.1	59.1
70°	248.9	171.9	112.8	91.3	71.6	59.1	59.1	62.7	57.3	50.1	50.1
72.5°	220.2	139.7	91.3	73.4	55.5	46.6	50.1	51.9	46.6	41.2	41.2
75°	188.0	109.2	71.6	57.3	41.2	35.8	37.6	41.2	37.6	32.2	34.0
77.5°	136.1	75.2	48.3	37.6	30.4	26.9	28.6	28.6	26.9	25.1	25.1
80°	94.9	50.1	32.2	25.1	21.5	19.7	19.7	17.9	17.9	19.7	19.7
82.5°	57.3	35.8	23.3	19.7	16.1	12.5	12.5	14.3	14.3	16.1	16.1
85°	25.1	21.5	16.1	14.3	10.7	9.0	10.7	10.7	12.5	14.3	14.3
87.5°	16.1	16.1	12.5	10.7	9.0	7.2	7.2	9.0	9.0	10.7	12.5
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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CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	1008.1	1008.1	1008.1	1008.1	1008.1	1008.1	1008.1	1008.1	1008.1	1008.1	1008.1
2.5°	886.3	904.2	925.7	956.1	983.0	1015.2	1047.5	1077.9	1106.6	1110.1	1122.7
5°	771.7	805.7	848.7	898.9	959.7	1024.2	1086.9	1153.1	1206.8	1226.5	1255.2
7.5°	653.5	696.5	759.2	836.2	922.1	1018.8	1115.5	1208.6	1289.2	1326.8	1364.4
10°	540.7	581.9	658.9	752.0	863.0	993.8	1122.7	1248.0	1346.5	1389.5	1425.3
12.5°	438.7	479.9	542.5	650.0	784.3	941.8	1111.9	1262.3	1371.6	1416.3	1450.3
15°	358.1	392.1	451.2	551.5	692.9	870.2	1074.3	1251.6	1376.9	1419.9	1445.0
17.5°	315.1	324.1	361.7	453.0	607.0	805.7	1026.0	1237.3	1380.5	1419.9	1434.2
20°	297.2	297.2	304.4	352.7	503.1	737.7	990.2	1228.3	1385.9	1425.3	1423.5
22.5°	281.1	284.7	284.7	295.4	383.2	642.8	952.6	1224.7	1402.0	1432.4	1407.4
25°	266.8	272.2	272.2	275.7	300.8	530.0	906.0	1231.9	1430.6	1446.8	1396.6
27.5°	254.3	259.6	259.6	263.2	268.6	393.9	829.0	1233.7	1462.9	1464.7	1382.3
30°	241.7	247.1	250.7	250.7	254.3	290.1	732.3	1222.9	1498.7	1487.9	1380.5
32.5°	227.4	234.6	236.4	239.9	241.7	252.5	607.0	1205.0	1543.4	1520.2	1382.3
35°	214.9	223.8	225.6	225.6	229.2	239.9	485.2	1185.3	1604.3	1563.1	1389.5
37.5°	202.3	209.5	211.3	213.1	216.7	227.4	385.0	1156.7	1656.3	1616.9	1425.3
40°	188.0	197.0	198.8	200.5	204.1	214.9	331.3	1120.9	1735.0	1706.4	1479.0
42.5°	173.7	182.6	186.2	188.0	189.8	204.1	302.6	1095.8	1862.2	1831.7	1588.2
45°	161.1	170.1	173.7	173.7	177.3	197.0	277.5	1151.3	2037.6	2023.3	1735.0
47.5°	150.4	159.4	161.1	161.1	162.9	186.2	256.0	1299.9	2306.2	2268.6	1964.2
50°	141.5	148.6	152.2	148.6	150.4	177.3	268.6	1545.2	2650.0	2662.5	2300.8
52.5°	134.3	141.5	143.2	136.1	136.1	164.7	284.7	1745.8	3088.7	3203.3	2834.4
55°	125.3	132.5	134.3	125.3	125.3	145.0	247.1	1758.3	3588.2	3957.1	3529.2
57.5°	116.4	123.5	123.5	116.4	114.6	125.3	200.5	1559.6	3975.0	4811.2	4479.9
60°	105.6	112.8	111.0	107.4	103.9	114.6	184.4	1188.9	3923.1	5368.0	5570.4
62.5°	85.9	96.7	100.3	98.5	91.3	103.9	171.9	775.3	3394.9	4884.6	5536.4
65°	*71.6*	*80.6*	*85.9*	*85.9*	*80.6*	*114.6*	*150.4*	*408.2*	*2718.0*	*4145.1*	*4881.0*
67.5°	62.7	71.6	75.2	73.4	69.8	102.1	94.9	197.0	2084.2	3572.1	4368.9
70°	55.5	62.7	66.3	60.9	57.3	82.4	68.0	116.4	1394.8	2981.3	3890.8
72.5°	44.8	51.9	55.5	50.1	44.8	60.9	51.9	77.0	907.8	2540.8	3457.5
75°	35.8	43.0	44.8	41.2	35.8	44.8	41.2	53.7	592.7	2102.1	2940.1
77.5°	26.9	30.4	34.0	32.2	26.9	32.2	28.6	37.6	338.4	1475.4	2062.7
80°	21.5	23.3	23.3	23.3	21.5	19.7	19.7	25.1	152.2	727.0	1076.1
82.5°	17.9	19.7	19.7	17.9	16.1	14.3	12.5	14.3	44.8	325.9	496.0
85°	16.1	17.9	14.3	12.5	10.7	9.0	5.4	5.4	12.5	51.9	96.7
87.5°	12.5	10.7	9.0	7.2	3.6	1.8	1.8	0.0	1.8	1.8	1.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

Scaled Data Report

REPORT NUMBER: P1364555
CATALOG NUMBER: GSS-SB2A-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	1008.1	1008.1	1008.1	*1008.1*	1008.1	1008.1	1008.1	1008.1	1008.1	1008.1
2.5°	1142.4	1160.3	1172.8	*1183.5*	1180.0	1171.0	1153.1	1140.6	1137.7	1137.0
5°	1292.8	1321.4	1346.5	*1342.9*	1346.5	1319.6	1292.8	1260.5	1247.7	1244.4
7.5°	1418.1	1453.9	1484.4	*1480.8*	1470.0	1439.6	1394.8	1346.5	1323.6	1317.8
10°	1486.2	1527.3	1552.4	*1543.4*	1525.5	1486.2	1441.4	1384.1	1358.3	1351.9
12.5°	1498.7	1525.5	1520.2	*1516.6*	1513.0	1493.3	1459.3	1407.4	1381.6	1375.1
15°	1466.5	1455.7	1425.3	*1418.1*	1445.0	1470.0	1462.9	1419.9	1395.5	1389.5
17.5°	1412.7	1357.2	1301.7	*1294.6*	1339.3	1409.2	1464.7	1439.6	1416.7	1410.9
20°	1353.7	1249.8	1188.9	*1176.4*	1231.9	1335.7	1445.0	1459.3	1443.5	1439.6
22.5°	1283.8	1162.1	1097.6	*1090.4*	1131.6	1253.4	1416.3	1480.8	1473.6	1471.8
25°	1222.9	1085.1	1024.2	*1013.4*	1067.2	1185.3	1387.7	1516.6	1512.3	1511.2
27.5°	1172.8	1029.6	965.1	*957.9*	1009.9	1128.0	1351.9	1547.0	1561.4	1564.9
30°	1133.4	988.4	923.9	*915.0*	972.3	1088.6	1326.8	1590.0	1617.2	1624.0
32.5°	1103.0	965.1	904.2	*898.9*	959.7	1072.5	1312.5	1634.8	1690.6	1704.6
35°	1092.2	972.3	931.1	*943.6*	990.2	1088.6	1323.2	1708.2	1785.5	1804.9
37.5°	1115.5	1051.0	1079.7	*1111.9*	1129.8	1165.6	1373.3	1826.4	1926.6	1951.7
40°	1190.7	1262.3	1396.6	*1459.3*	1452.1	1369.8	1487.9	1992.9	2136.1	2171.9
42.5°	1382.3	1615.1	1899.8	*2005.4*	1944.5	1695.6	1670.6	2266.8	2430.1	2470.9
45°	1667.0	2041.2	2508.6	*2746.7*	2537.2	2109.3	1958.9	2657.2	2814.7	2854.1
47.5°	1951.7	2517.5	3260.6	*3543.5*	3131.7	2519.3	2336.7	3124.5	3266.3	3301.8
50°	2241.8	3043.9	4010.8	*4388.6*	3724.3	2936.5	2737.7	3701.1	3804.2	3830.0
52.5°	2540.8	3514.8	4838.0	*5163.9*	4343.9	3258.8	3196.1	4329.5	4391.1	4406.5
55°	2873.8	3960.7	5667.1	*5930.3*	4907.9	3539.9	3733.3	4986.7	4970.9	4967.0
57.5°	3317.9	4429.8	6334.9	*6702.0*	5420.0	3919.5	4451.3	5717.2	5409.2	5332.2
60°	4093.2	5158.6	7165.8	*7565.0*	6105.7	4474.6	4979.5	5701.1	5151.0	5013.5
62.5°	4992.0	5860.4	7917.8	*8254.4*	6827.3	5026.1	4558.7	4787.9	4243.6	4107.5
65°	*4336.7*	*5736.9*	*7941.1*	*8286.6*	*6854.2*	*4689.4*	*3369.8*	*3394.9*	*2936.5*	*2821.9*
67.5°	3690.3	5085.1	7232.0	*7504.2*	6114.7	3876.5	2234.6	2214.9	1927.0	1855.0
70°	3285.6	4454.9	6232.9	*5998.3*	5140.6	3276.7	1484.4	1230.1	1051.0	1006.3
72.5°	2952.6	3534.5	5051.1	*4134.4*	4265.1	2666.1	943.6	838.0	699.0	664.3
75°	2673.3	2924.0	3151.4	*2857.7*	3029.6	2197.0	800.4	646.4	528.9	499.6
77.5°	2127.2	2275.8	1865.7	*1812.0*	2121.8	1563.1	397.5	272.2	237.8	229.2
80°	1265.9	1076.1	1058.2	*1206.8*	1412.7	811.1	243.5	150.4	136.1	132.5
82.5°	766.4	388.5	422.6	*533.6*	752.0	368.9	145.0	64.5	57.3	55.5
85°	128.9	105.6	162.9	*155.8*	146.8	78.8	39.4	17.9	16.5	16.1
87.5°	3.6	5.4	7.2	*9.0*	9.0	9.0	9.0	9.0	10.4	10.7
90°	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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: SP1-2407-184-3

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-727-U-5WQ

Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

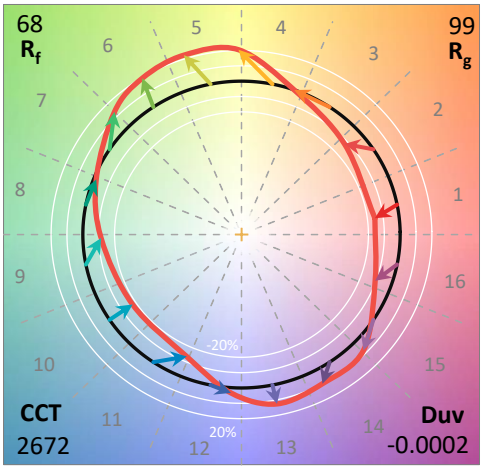
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-3
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-727-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 2700K CCT 26 LEDS

Spectral Parameters

CCT (K):	2672
CIE u':	0.2638
CIE v':	0.5276
Duv:	-0.0002
CIE x:	0.4619
CIE y:	0.4106
CIE z:	0.1275
Peak Wavelength (nm):	601
Dominant Wavelength (nm):	584
Purity:	61.88407
Rf:	67.9
Rg:	98.6

CRI (Ra):	71.1
R1:	68.3
R2:	79.8
R3:	91.2
R4:	69.4
R5:	66.5
R6:	72.6
R7:	77.0
R8:	44.1
R9:	-27.8
R10:	54.4
R11:	65.8
R12:	45.6
R13:	69.8
R14:	94.5
R15:	60.1



Test Conditions

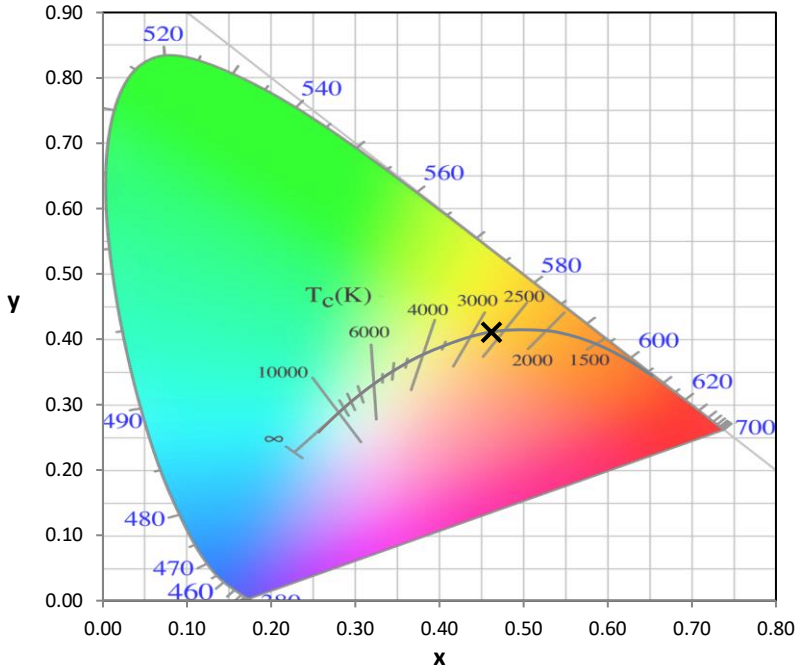
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-3

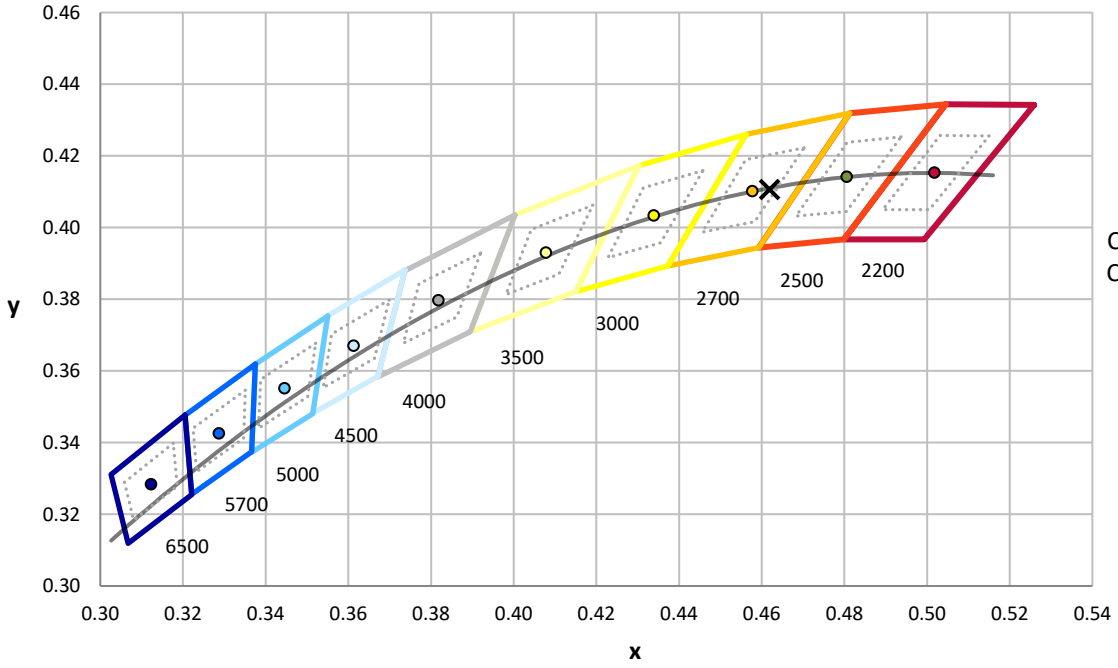
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-3

CIE 1931 Chromaticity Diagram



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

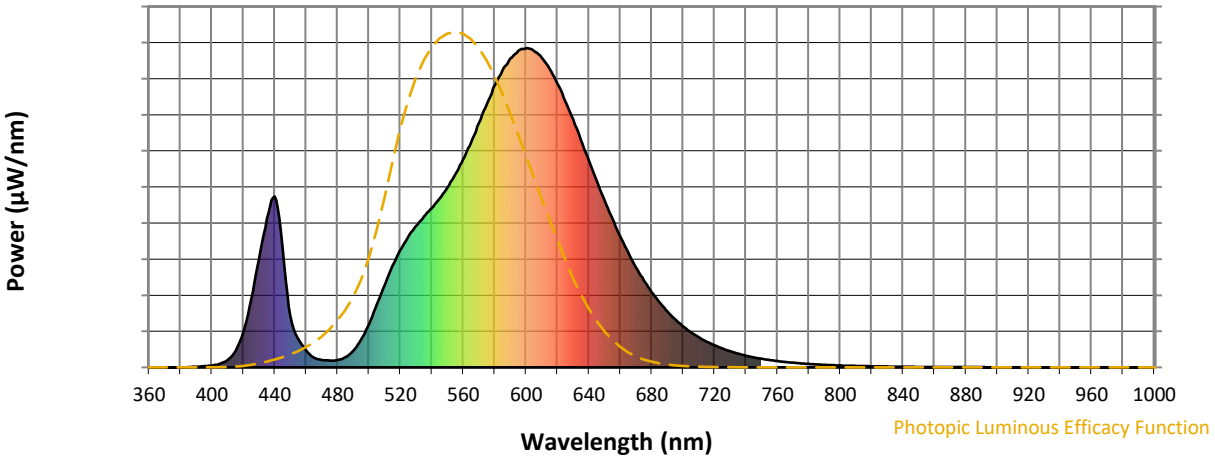


CCT = 2672K
CIE x = 0.4619
CIE y = 0.4106
Duv = -0.0002

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-3

Photopic Flux vs. Wavelength

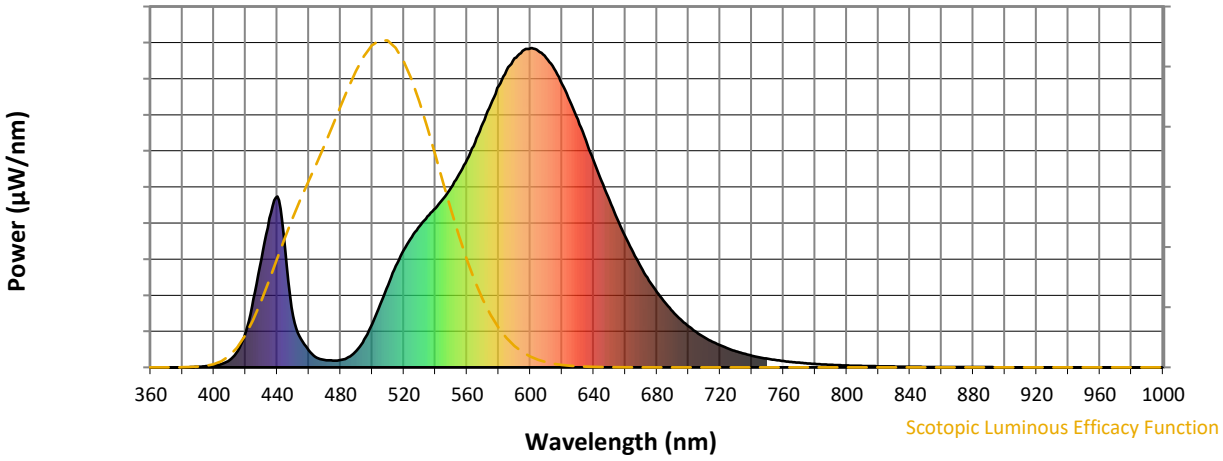


Photopic Lumens: NR

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-3

Scotopic Flux vs. Wavelength

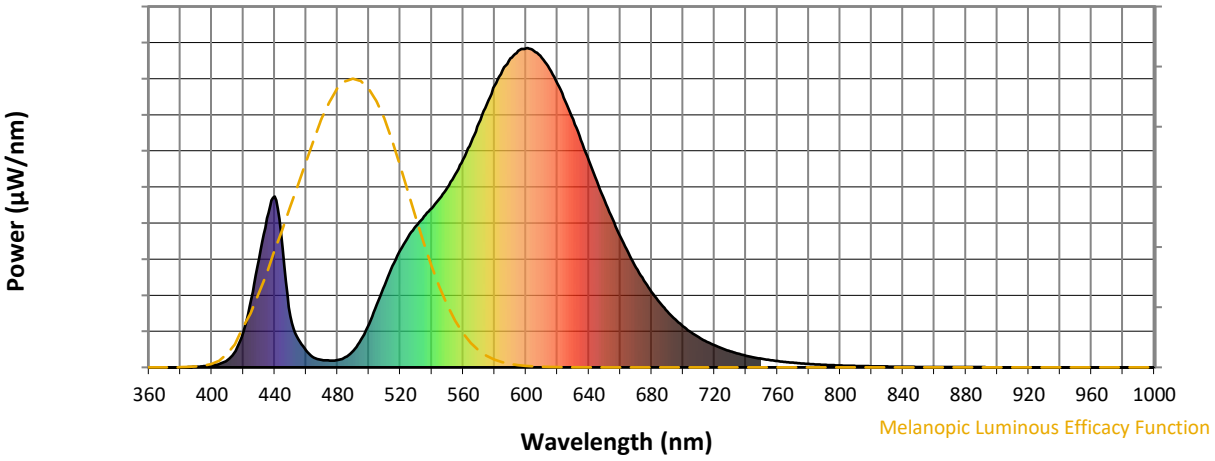


Scotopic Lumens: NR **S/P: 1.02**

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-3

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 1.71**

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

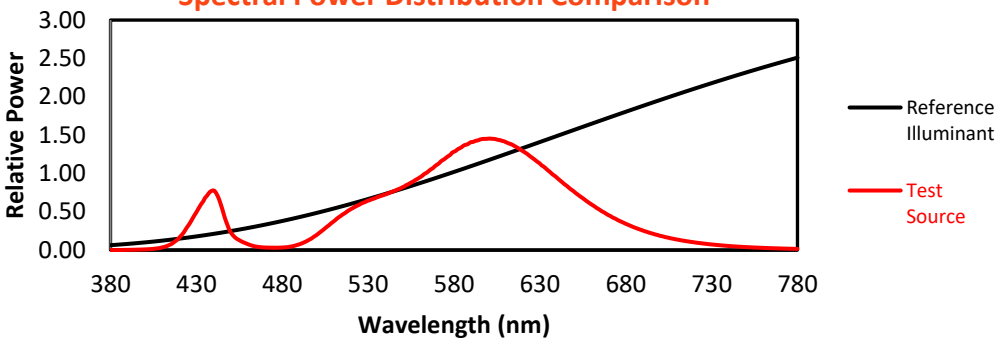
REPORT NUMBER: SP1-2407-184-3

TM-30-18

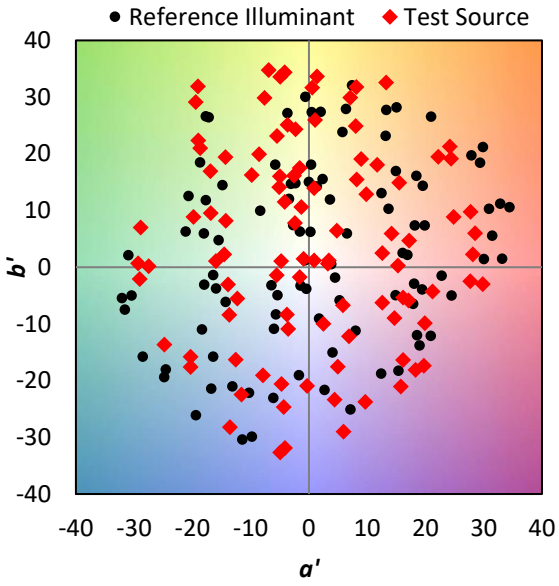
Summary

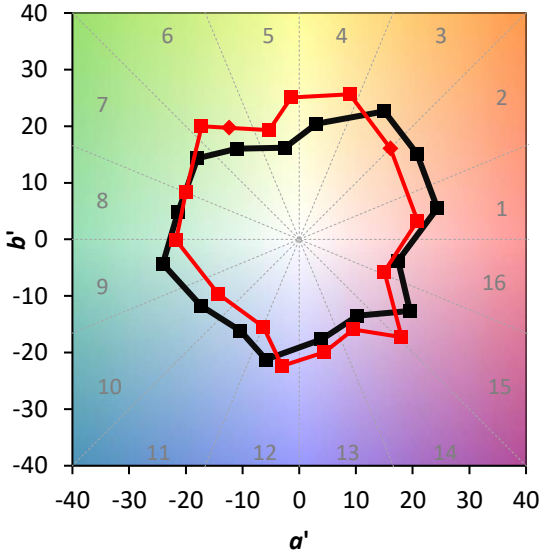
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R_g = 98.6
CIE R_a = 71.1
R_9 = -27.8

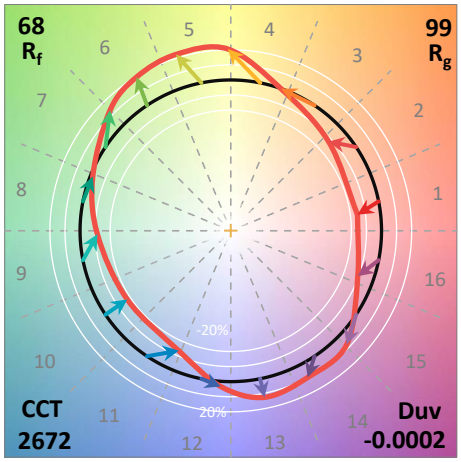
Spectral Power Distribution Comparison

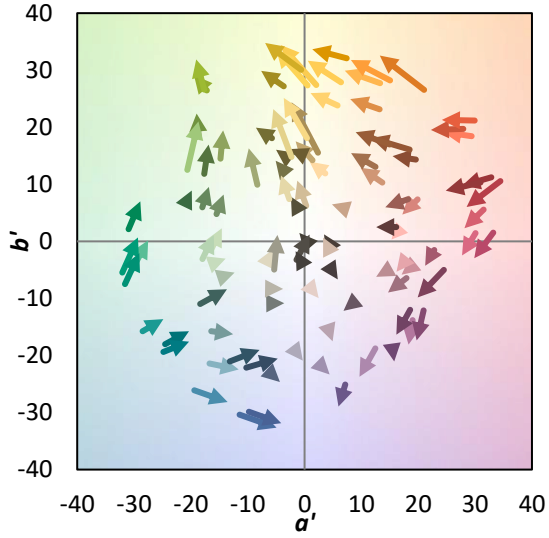


Color Vector Graphics







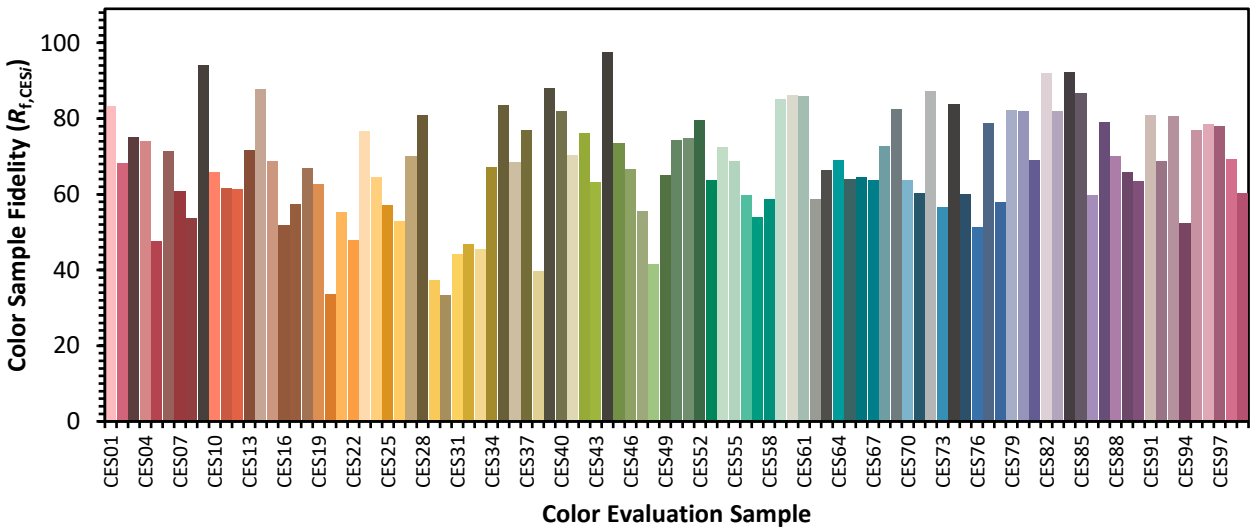


REPORT NUMBER: SP1-2407-184-3

TM-30-18

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

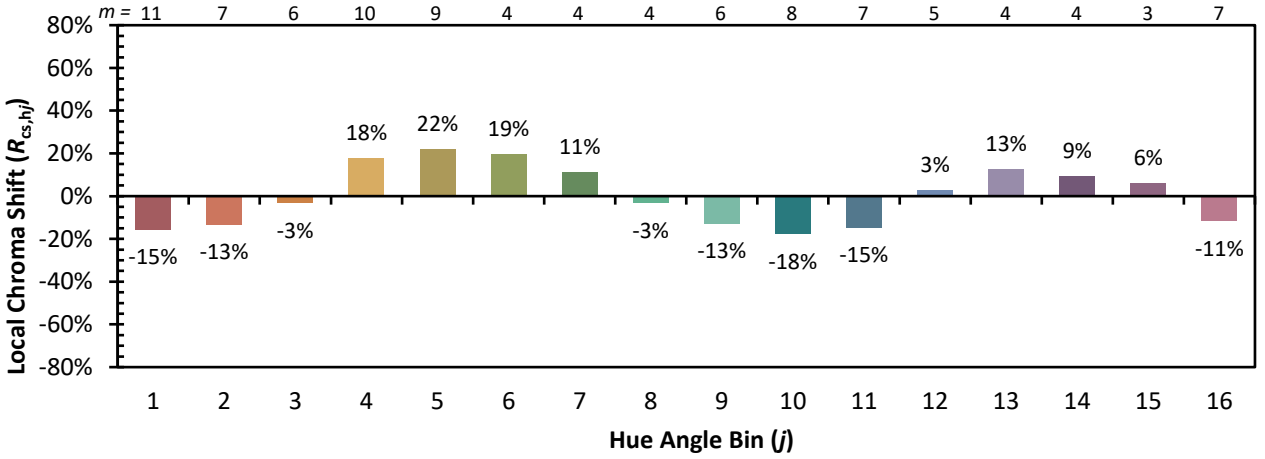
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CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82 = 92
CES08 = 41	CES33 = 45	CES58 = 59	CES83 = 82
CES09 = 29	CES34 = 67	CES59 = 85	CES84 = 92
CES10 = 77	CES35 = 84	CES60 = 86	CES85 = 87
CES11 = 60	CES36 = 68	CES61 = 86	CES86 = 60
CES12 = 66	CES37 = 77	CES62 = 59	CES87 = 79
CES13 = 44	CES38 = 40	CES63 = 66	CES88 = 70
CES14 = 74	CES39 = 88	CES64 = 69	CES89 = 66
CES15 = 72	CES40 = 82	CES65 = 64	CES90 = 64
CES16 = 48	CES41 = 70	CES66 = 65	CES91 = 81
CES17 = 51	CES42 = 76	CES67 = 64	CES92 = 69
CES18 = 57	CES43 = 63	CES68 = 73	CES93 = 81
CES19 = 73	CES44 = 97	CES69 = 83	CES94 = 53
CES20 = 67	CES45 = 74	CES70 = 64	CES95 = 77
CES21 = 88	CES46 = 67	CES71 = 60	CES96 = 79
CES22 = 80	CES47 = 55	CES72 = 87	CES97 = 78
CES23 = 92	CES48 = 42	CES73 = 57	CES98 = 69
CES24 = 92	CES49 = 65	CES74 = 84	CES99 = 60
CES25 = 73	CES50 = 74	CES75 = 60	

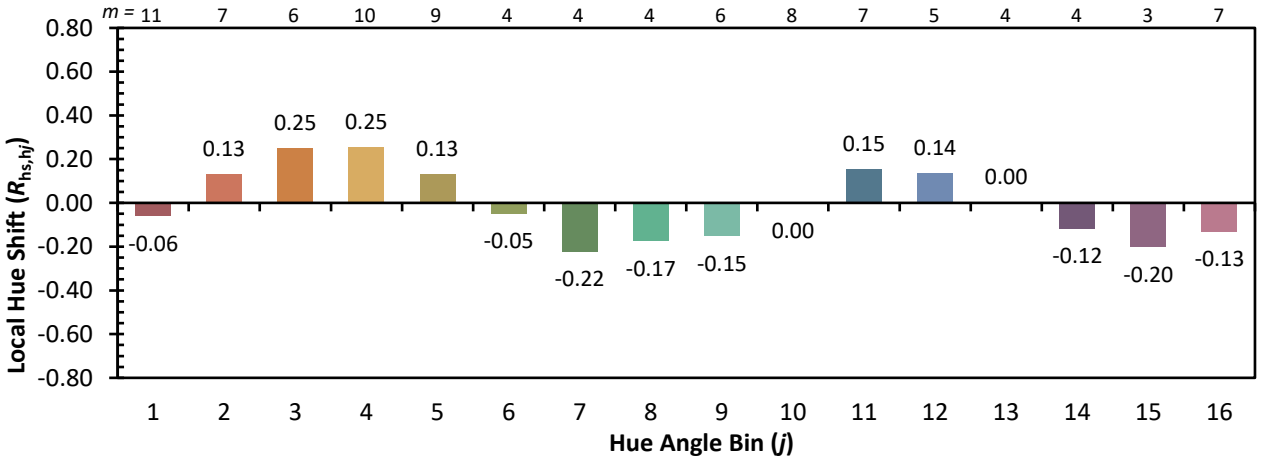


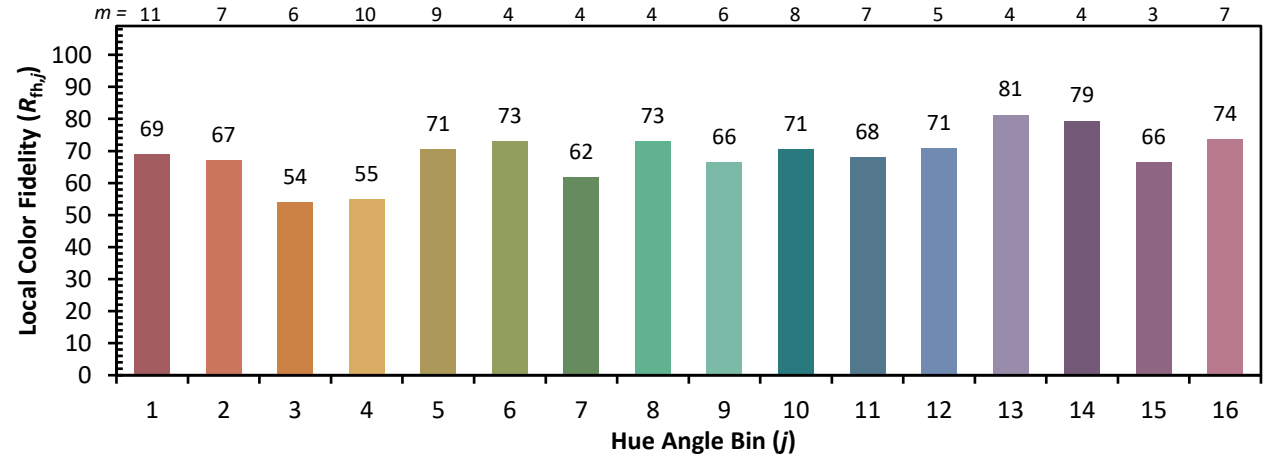
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Color Rendition by Hue-Angle Bin



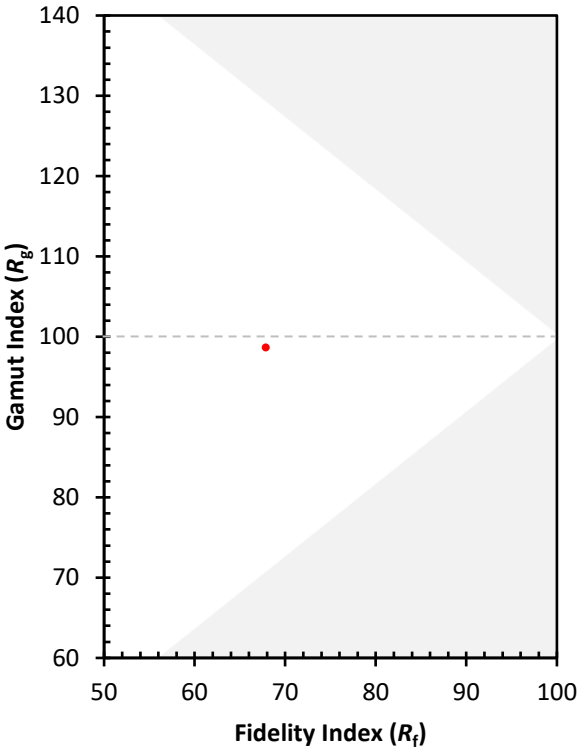


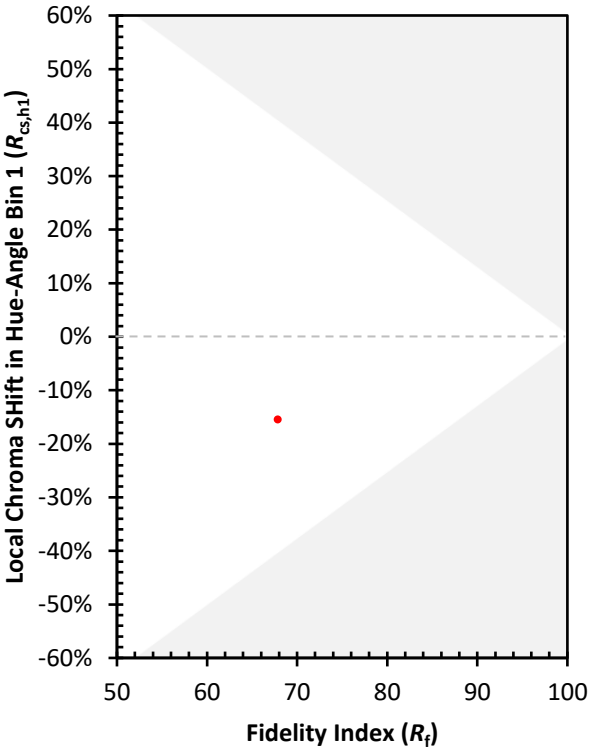


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Measure Comparisons





(END OF REPORT)