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: P1364627

Luminaire Tested: **GSS-SB2A-750-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:	P1364627
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB2A-750-U-SLR-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 2SQUARE 58W 70CRI 5000K FIXTURE w/ 90° Spill Light Eliminator RIGHT OPTIC AND HOUSE SIDE SHIELD
Light Source:	(52) 5000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6648.9 lumens
Efficiency:	N/A
Efficacy:	114.6 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G2

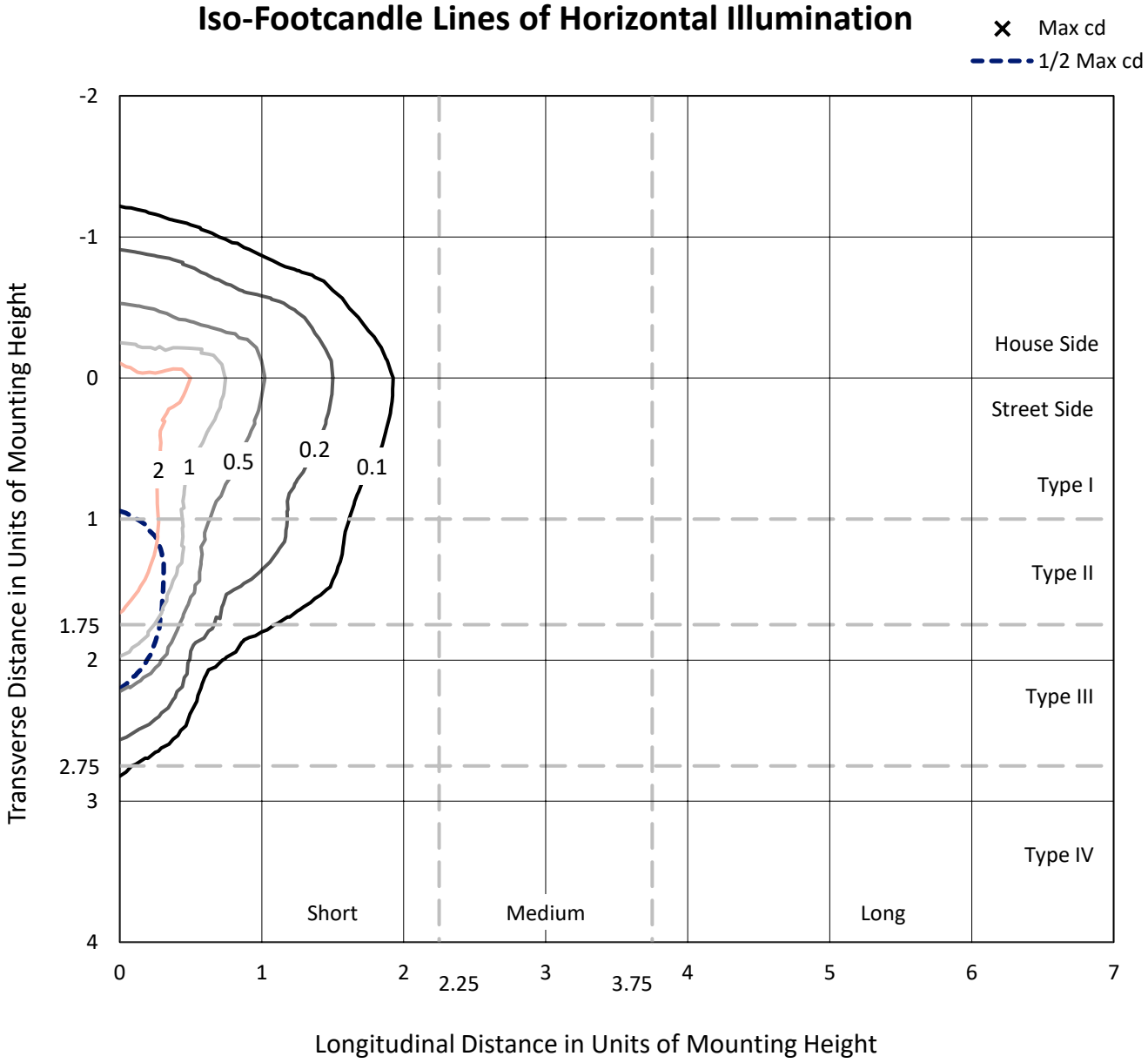
Input Watts (W):	58
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	9.0%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination



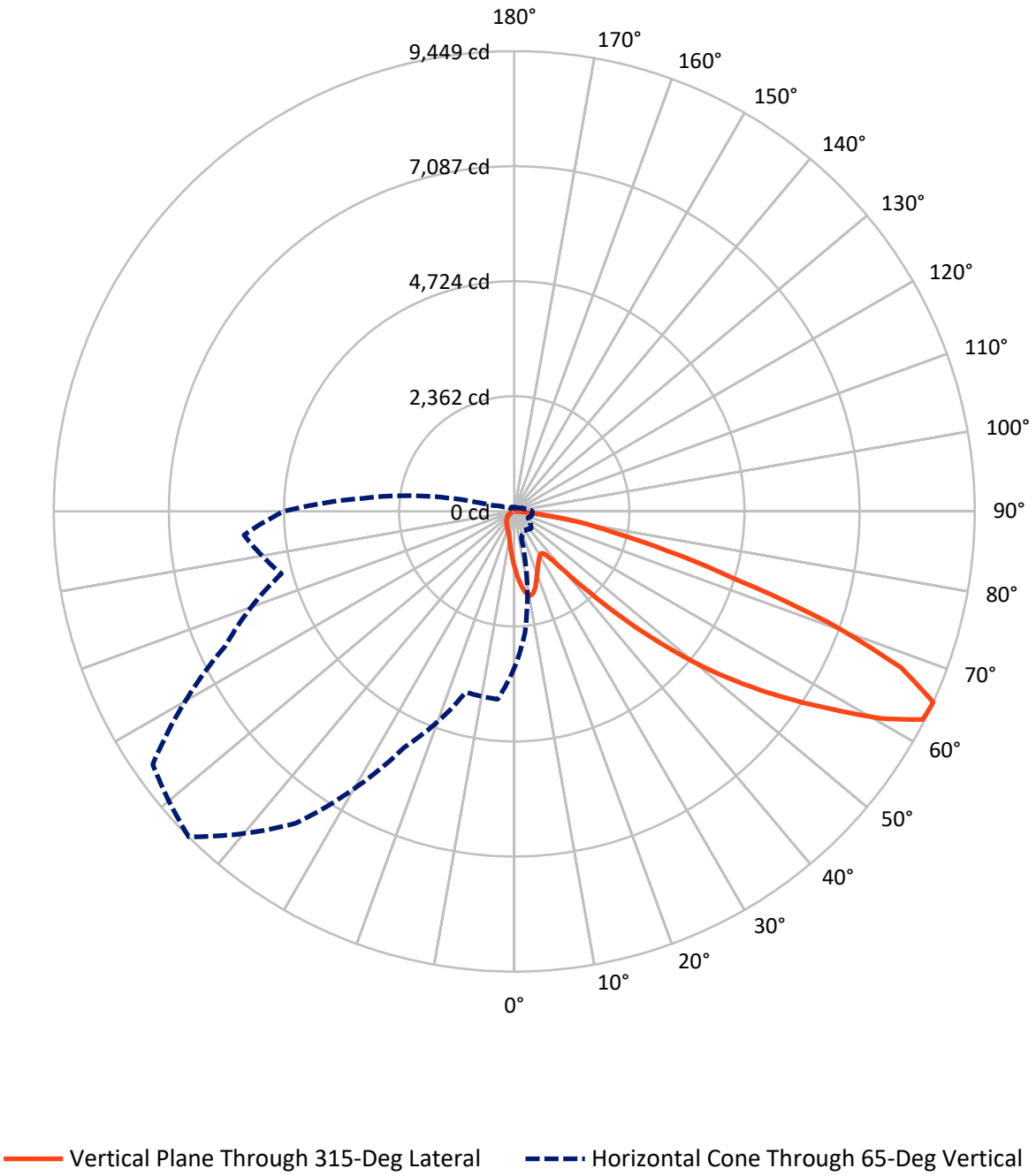
Based on 20 foot mounting height. Maximum calculated value = 3.6 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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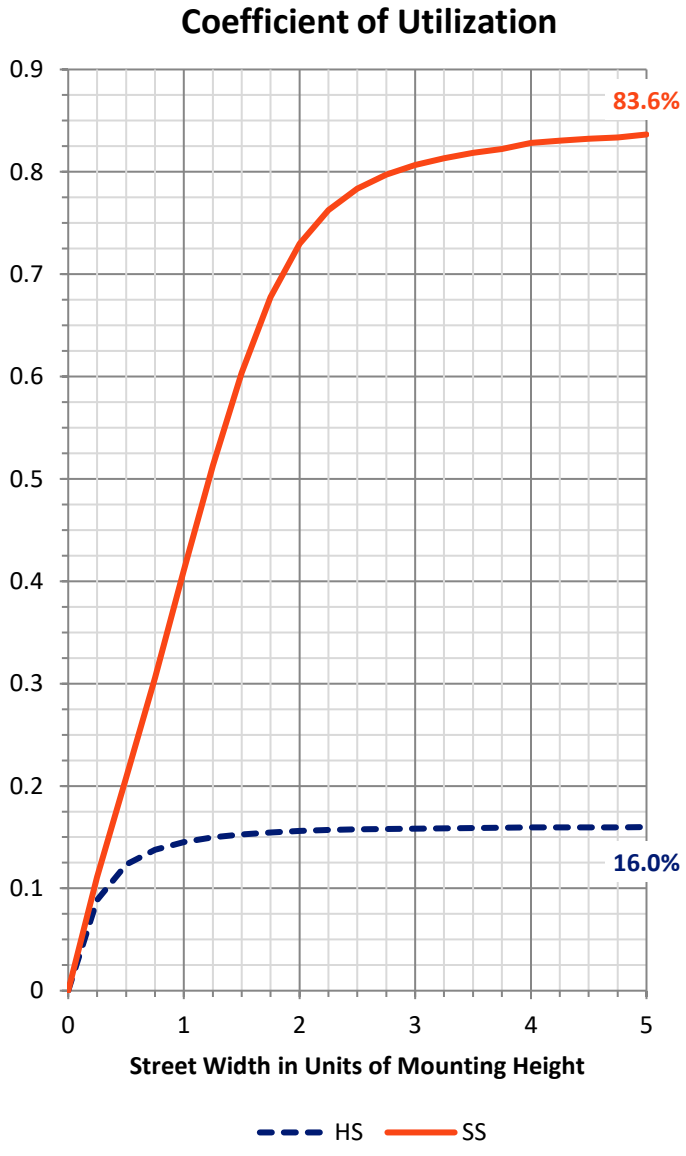
REPORT NUMBER: P1364627
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1074.8	0.0	1074.8
	% Fixture	16.2	0.0	16.2
Street Side	Lumens	5574.1	0.0	5574.1
	% Fixture	83.8	0.0	83.8
Total	Lumens	6648.9	0.0	6648.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	110.5	1.7
10°-20°	305.5	4.6
20°-30°	437.6	6.6
30°-40°	548.9	8.3
40°-50°	901.6	13.6
50°-60°	1627.0	24.5
60°-70°	1805.6	27.2
70°-80°	815.8	12.3
80°-90°	96.5	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°	6648.9	100.0
0°-180°	6648.9	100.0



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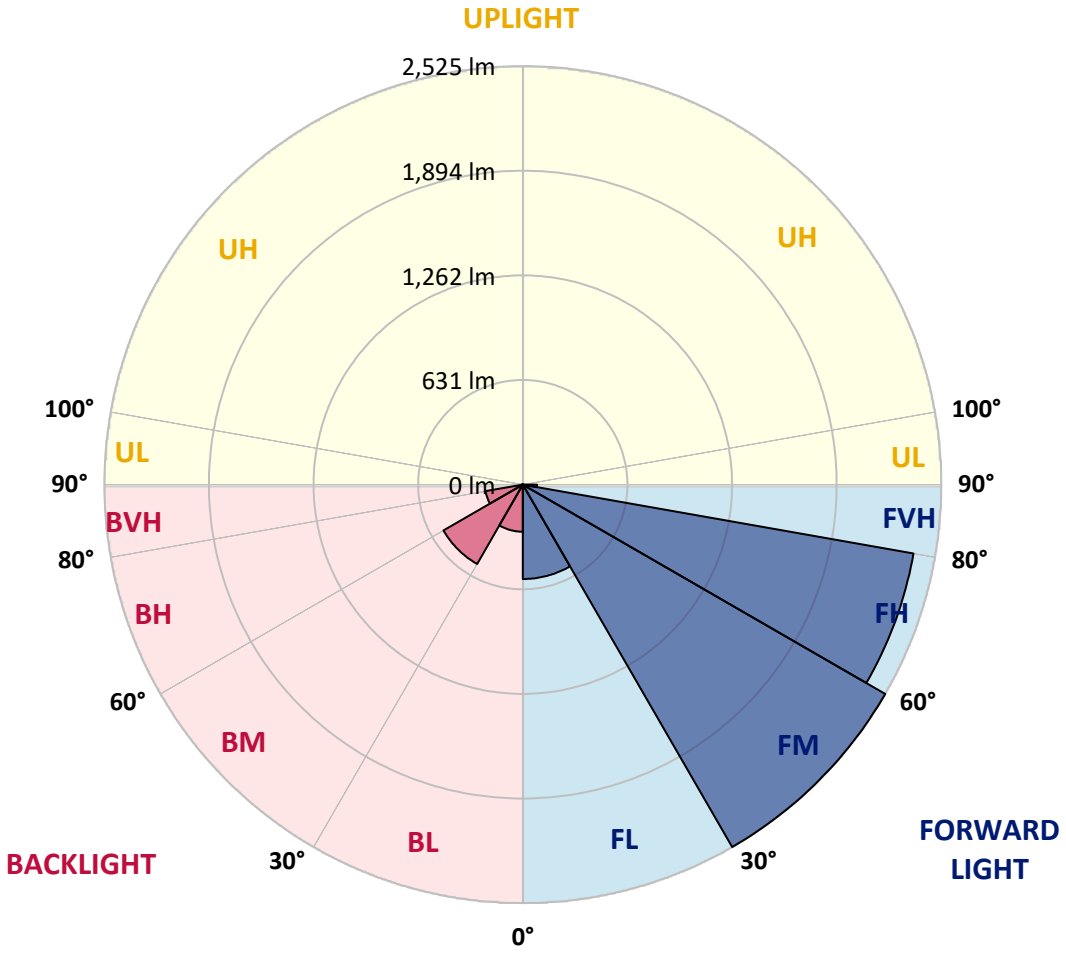
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	569.5	8.6			
FM	(30°-60°)	2524.8	38.0			
FH	(60°-80°)	2393.2	36.0			G2/5000
FVH	(80°-90°)	86.6	1.3			G1/100
BL	(0°-30°)	284.0	4.3	B1/500		
BM	(30°-60°)	552.7	8.3	B1/1000		
BH	(60°-80°)	228.3	3.4	B1/500		G1/500
BVH	(80°-90°)	9.9	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°	1149.5	1149.5	1149.5	1149.5	1149.5	1149.5	1149.5	1149.5	1149.5	1149.5	1149.5
2.5°	1296.5	1295.2	1290.3	1259.7	1229.1	1202.5	1176.0	1149.5	1112.7	1084.1	1059.6
5°	1419.0	1412.4	1386.3	1339.3	1288.3	1243.4	1192.3	1143.3	1088.2	1043.3	996.3
7.5°	1502.7	1496.1	1470.0	1392.4	1314.8	1259.7	1204.6	1153.5	1092.3	1033.1	965.7
10°	1541.5	1534.1	1504.7	1421.0	1331.2	1263.8	1208.7	1161.7	1110.7	1051.5	967.8
12.5°	1568.0	1559.0	1523.1	1427.1	1335.3	1267.9	1210.7	1165.8	1129.0	1094.3	1012.7
15°	1584.3	1576.2	1543.5	1443.5	1337.3	1261.8	1194.4	1151.5	1139.3	1145.4	1106.6
17.5°	1608.8	1601.1	1570.0	1463.9	1349.5	1251.5	1159.7	1112.7	1139.3	1194.4	1206.6
20°	1641.5	1633.3	1600.7	1490.4	1359.8	1220.9	1094.3	1049.4	1116.8	1208.7	1272.0
22.5°	1678.3	1671.7	1645.6	1521.0	1370.0	1176.0	1008.6	988.2	1069.8	1167.8	1249.5
25°	1723.2	1717.0	1692.5	1563.9	1380.2	1114.8	935.1	939.2	1008.6	1086.2	1169.9
27.5°	1784.4	1778.7	1755.8	1617.0	1392.4	1051.5	875.9	896.3	947.3	1000.4	1051.5
30°	1851.8	1847.3	1829.3	1680.3	1416.9	992.3	841.2	853.4	888.1	931.0	961.6
32.5°	1943.7	1936.3	1906.9	1739.5	1414.9	947.3	824.8	812.6	822.8	857.5	888.1
35°	2058.0	2052.3	2029.4	1800.8	1378.1	906.5	816.7	773.8	767.7	788.1	818.7
37.5°	2225.4	2220.5	2200.9	1900.8	1321.0	855.5	796.3	733.0	712.5	726.8	747.3
40°	2476.5	2463.9	2413.3	2015.1	1257.7	804.4	759.5	684.0	655.4	665.6	688.0
42.5°	2817.5	2793.4	2697.0	2168.3	1171.9	755.4	704.4	635.0	604.3	610.5	630.9
45°	3254.4	3218.1	3072.7	2378.5	1082.1	716.6	647.2	583.9	551.3	557.4	579.8
47.5°	3764.8	3715.0	3515.8	2599.0	986.1	694.2	602.3	532.9	508.4	522.7	545.1
50°	4367.1	4316.9	4116.0	2739.9	908.5	679.9	567.6	485.9	475.7	494.1	512.5
52.5°	5024.5	4953.1	4667.3	2650.1	845.3	667.6	555.3	453.3	457.3	471.6	490.0
55°	5663.6	5504.7	4869.4	2352.0	763.6	653.3	563.5	428.8	439.0	457.3	471.6
57.5°	6080.1	5804.1	4699.9	1894.7	677.8	637.0	569.6	416.5	424.7	445.1	461.4
60°	5716.7	5439.0	4328.3	1419.0	604.3	602.3	559.4	412.4	400.2	428.8	443.0
62.5°	4683.6	4454.9	3540.3	906.5	534.9	537.0	537.0	410.4	359.3	396.1	408.3
65°	*3217.7*	*3074.8*	*2503.1*	*561.5*	*436.9*	*457.3*	*488.0*	*398.1*	*316.5*	*359.3*	*371.6*
67.5°	2115.2	2010.2	1590.5	347.1	336.9	375.7	422.6	373.6	283.8	322.6	330.8
70°	1147.4	1067.8	749.3	228.7	220.5	294.0	332.8	316.5	255.2	287.9	296.0
72.5°	757.5	692.1	430.8	161.3	161.3	230.7	232.8	259.3	228.7	255.2	263.4
75°	569.6	511.2	277.7	112.3	124.5	147.0	181.7	185.8	191.9	216.4	226.6
77.5°	261.3	229.5	102.1	67.4	91.9	102.1	138.8	118.4	142.9	161.3	165.4
80°	151.1	132.3	57.2	44.9	59.2	65.3	114.3	69.4	85.8	114.3	120.5
82.5°	63.3	56.4	28.6	30.6	36.8	38.8	63.3	49.0	55.1	75.5	73.5
85°	18.4	18.4	18.4	20.4	22.5	22.5	36.8	34.7	32.7	34.7	34.7
87.5°	12.3	12.3	12.3	12.3	14.3	14.3	16.3	18.4	20.4	20.4	20.4
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°	1149.5	1149.5	1149.5	1149.5	1149.5	1149.5	1149.5	1149.5	1149.5	1149.5	1149.5
2.5°	1049.4	1035.1	1016.8	990.2	986.1	971.8	961.6	971.8	982.0	1000.4	1002.5
5°	971.8	949.4	906.5	873.8	837.1	818.7	816.7	812.6	824.8	851.4	867.7
7.5°	929.0	892.2	814.6	757.5	706.4	688.0	673.8	686.0	684.0	718.7	733.0
10°	918.8	861.6	753.4	667.6	604.3	579.8	565.5	563.5	567.6	588.0	602.3
12.5°	955.5	882.0	728.9	602.3	528.8	502.3	485.9	471.6	471.6	475.7	494.1
15°	1037.2	949.4	743.2	571.7	492.0	457.3	430.8	412.4	398.1	400.2	402.2
17.5°	1151.5	1047.4	779.9	561.5	469.6	432.8	400.2	381.8	365.5	361.4	361.4
20°	1241.3	1141.3	808.5	553.3	451.2	404.3	375.7	359.3	345.0	338.9	338.9
22.5°	1251.5	1180.1	833.0	543.1	428.8	375.7	349.1	334.8	324.6	322.6	322.6
25°	1184.2	1149.5	824.8	530.8	406.3	349.1	328.7	316.5	306.3	304.2	306.3
27.5°	1071.9	1053.5	796.3	514.5	387.9	328.7	310.3	300.1	289.9	287.9	289.9
30°	971.8	951.4	747.3	488.0	373.6	312.4	292.0	281.8	271.5	271.5	273.6
32.5°	890.2	869.8	698.3	457.3	355.3	294.0	275.6	265.4	255.2	255.2	259.3
35°	816.7	800.3	659.5	426.7	336.9	277.7	257.3	249.1	240.9	238.9	243.0
37.5°	753.4	745.2	624.8	394.0	318.5	261.3	243.0	234.8	224.6	222.5	226.6
40°	692.1	688.0	586.0	365.5	296.0	245.0	226.6	218.5	206.2	206.2	210.3
42.5°	635.0	632.9	551.3	347.1	275.6	228.7	208.3	200.1	189.9	189.9	194.0
45°	590.0	588.0	518.6	336.9	255.2	210.3	191.9	181.7	173.5	175.6	179.7
47.5°	549.2	545.1	483.9	338.9	245.0	198.0	173.5	163.3	157.2	161.3	167.4
50°	516.5	512.5	459.4	341.0	228.7	181.7	159.3	149.0	145.0	151.1	157.2
52.5°	496.1	492.0	434.9	328.7	208.3	169.5	145.0	138.8	138.8	145.0	149.0
55°	475.7	471.6	394.0	302.2	185.8	157.2	134.8	130.7	130.7	136.8	140.9
57.5°	463.5	455.3	351.2	271.5	167.4	142.9	124.5	124.5	124.5	126.6	128.6
60°	445.1	424.7	306.3	232.8	153.1	128.6	116.4	114.3	114.3	112.3	114.3
62.5°	406.3	371.6	257.3	198.0	136.8	116.4	106.2	104.1	98.0	91.9	93.9
65°	*367.5*	*314.4*	*204.2*	*165.4*	*118.4*	*100.0*	*93.9*	*91.9*	*81.7*	*73.5*	*75.5*
67.5°	318.5	251.1	153.1	138.8	102.1	85.8	79.6	79.6	73.5	67.4	67.4
70°	283.8	196.0	128.6	104.1	81.7	67.4	67.4	71.5	65.3	57.2	57.2
72.5°	251.1	159.3	104.1	83.7	63.3	53.1	57.2	59.2	53.1	47.0	47.0
75°	214.4	124.5	81.7	65.3	47.0	40.8	42.9	47.0	42.9	36.8	38.8
77.5°	155.2	85.8	55.1	42.9	34.7	30.6	32.7	32.7	30.6	28.6	28.6
80°	108.2	57.2	36.8	28.6	24.5	22.5	22.5	20.4	20.4	22.5	22.5
82.5°	65.3	40.8	26.5	22.5	18.4	14.3	14.3	16.3	16.3	18.4	18.4
85°	28.6	24.5	18.4	16.3	12.3	10.2	12.3	12.3	14.3	16.3	16.3
87.5°	18.4	18.4	14.3	12.3	10.2	8.2	8.2	10.2	10.2	12.3	14.3
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°	1149.5	1149.5	1149.5	1149.5	1149.5	1149.5	1149.5	1149.5	1149.5	1149.5	1149.5
2.5°	1010.6	1031.0	1055.5	1090.3	1120.9	1157.6	1194.4	1229.1	1261.8	1265.8	1280.1
5°	880.0	918.8	967.8	1024.9	1094.3	1167.8	1239.3	1314.8	1376.1	1398.5	1431.2
7.5°	745.2	794.2	865.7	953.5	1051.5	1161.7	1272.0	1378.1	1470.0	1512.9	1555.8
10°	616.6	663.5	751.3	857.5	984.1	1133.1	1280.1	1423.0	1535.3	1584.3	1625.2
12.5°	500.2	547.2	618.6	741.1	894.3	1073.9	1267.9	1439.4	1563.9	1615.0	1653.8
15°	408.3	447.1	514.5	628.8	790.1	992.3	1225.0	1427.1	1570.0	1619.0	1647.6
17.5°	359.3	369.5	412.4	516.5	692.1	918.8	1169.9	1410.8	1574.1	1619.0	1635.4
20°	338.9	338.9	347.1	402.2	573.7	841.2	1129.0	1400.6	1580.3	1625.2	1623.1
22.5°	320.5	324.6	324.6	336.9	436.9	733.0	1086.2	1396.5	1598.6	1633.3	1604.8
25°	304.2	310.3	310.3	314.4	343.0	604.3	1033.1	1404.7	1631.3	1649.7	1592.5
27.5°	289.9	296.0	296.0	300.1	306.3	449.2	945.3	1406.7	1668.0	1670.1	1576.2
30°	275.6	281.8	285.8	285.8	289.9	330.8	835.0	1394.5	1708.9	1696.6	1574.1
32.5°	259.3	267.5	269.5	273.6	275.6	287.9	692.1	1374.0	1759.9	1733.4	1576.2
35°	245.0	255.2	257.3	257.3	261.3	273.6	553.3	1351.6	1829.3	1782.4	1584.3
37.5°	230.7	238.9	240.9	243.0	247.0	259.3	439.0	1318.9	1888.5	1843.6	1625.2
40°	214.4	224.6	226.6	228.7	232.8	245.0	377.7	1278.1	1978.4	1945.7	1686.4
42.5°	198.0	208.3	212.3	214.4	216.4	232.8	345.0	1249.5	2123.3	2088.6	1811.0
45°	183.8	194.0	198.0	198.0	202.1	224.6	316.5	1312.8	2323.4	2307.1	1978.4
47.5°	171.5	181.7	183.8	183.8	185.8	212.3	292.0	1482.3	2629.7	2586.8	2239.7
50°	161.3	169.5	173.5	169.5	171.5	202.1	306.3	1762.0	3021.7	3036.0	2623.5
52.5°	153.1	161.3	163.3	155.2	155.2	187.8	324.6	1990.6	3521.9	3652.5	3232.0
55°	142.9	151.1	153.1	142.9	142.9	165.4	281.8	2004.9	4091.5	4512.1	4024.1
57.5°	132.7	140.9	140.9	132.7	130.7	142.9	228.7	1778.3	4532.5	5486.0	5108.3
60°	120.5	128.6	126.6	122.5	118.4	130.7	210.3	1355.7	4473.3	6120.9	6351.6
62.5°	98.0	110.3	114.3	112.3	104.1	118.4	196.0	884.0	3871.0	5569.7	6312.8
65°	*81.7*	*91.9*	*98.0*	*98.0*	*91.9*	*130.7*	*171.5*	*465.5*	*3099.3*	*4726.5*	*5565.6*
67.5°	71.5	81.7	85.8	83.7	79.6	116.4	108.2	224.6	2376.5	4073.1	4981.7
70°	63.3	71.5	75.5	69.4	65.3	93.9	77.6	132.7	1590.5	3399.4	4436.5
72.5°	51.0	59.2	63.3	57.2	51.0	69.4	59.2	87.8	1035.1	2897.1	3942.5
75°	40.8	49.0	51.0	47.0	40.8	51.0	47.0	61.3	675.8	2396.9	3352.4
77.5°	30.6	34.7	38.8	36.8	30.6	36.8	32.7	42.9	385.9	1682.3	2352.0
80°	24.5	26.5	26.5	26.5	24.5	22.5	22.5	28.6	173.5	828.9	1227.0
82.5°	20.4	22.5	22.5	20.4	18.4	16.3	14.3	16.3	51.0	371.6	565.5
85°	18.4	20.4	16.3	14.3	12.3	10.2	6.1	6.1	14.3	59.2	110.3
87.5°	14.3	12.3	10.2	8.2	4.1	2.0	2.0	0.0	2.0	2.0	2.0
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: P1364627
CATALOG NUMBER: GSS-SB2A-750-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	1149.5	1149.5	1149.5	*1149.5*	1149.5	1149.5	1149.5	1149.5	1149.5	1149.5
2.5°	1302.6	1323.0	1337.3	*1349.5*	1345.5	1335.3	1314.8	1300.5	1297.3	1296.5
5°	1474.1	1506.8	1535.3	*1531.3*	1535.3	1504.7	1474.1	1437.3	1422.6	1419.0
7.5°	1617.0	1657.8	1692.5	*1688.5*	1676.2	1641.5	1590.5	1535.3	1509.2	1502.7
10°	1694.6	1741.5	1770.1	*1759.9*	1739.5	1694.6	1643.5	1578.2	1548.8	1541.5
12.5°	1708.9	1739.5	1733.4	*1729.3*	1725.2	1702.8	1664.0	1604.8	1575.4	1568.0
15°	1672.1	1659.9	1625.2	*1617.0*	1647.6	1676.2	1668.0	1619.0	1591.3	1584.3
17.5°	1610.9	1547.6	1484.3	*1476.1*	1527.2	1606.8	1670.1	1641.5	1615.4	1608.8
20°	1543.5	1425.1	1355.7	*1341.4*	1404.7	1523.1	1647.6	1664.0	1646.0	1641.5
22.5°	1463.9	1325.0	1251.5	*1243.4*	1290.3	1429.2	1615.0	1688.5	1680.3	1678.3
25°	1394.5	1237.3	1167.8	*1155.6*	1216.8	1351.6	1582.3	1729.3	1724.4	1723.2
27.5°	1337.3	1174.0	1100.5	*1092.3*	1151.5	1286.3	1541.5	1764.0	1780.3	1784.4
30°	1292.4	1127.0	1053.5	*1043.3*	1108.6	1241.3	1512.9	1813.0	1844.0	1851.8
32.5°	1257.7	1100.5	1031.0	*1024.9*	1094.3	1223.0	1496.5	1864.0	1927.7	1943.7
35°	1245.4	1108.6	1061.7	*1076.0*	1129.0	1241.3	1508.8	1947.8	2036.0	2058.0
37.5°	1272.0	1198.5	1231.1	*1267.9*	1288.3	1329.1	1566.0	2082.5	2196.8	2225.4
40°	1357.7	1439.4	1592.5	*1664.0*	1655.8	1561.9	1696.6	2272.4	2435.7	2476.5
42.5°	1576.2	1841.6	2166.2	*2286.7*	2217.3	1933.5	1904.9	2584.8	2771.0	2817.5
45°	1900.8	2327.5	2860.4	*3131.9*	2893.0	2405.1	2233.6	3029.8	3209.5	3254.4
47.5°	2225.4	2870.6	3717.9	*4040.5*	3570.9	2872.6	2664.4	3562.7	3724.4	3764.8
50°	2556.2	3470.8	4573.3	*5004.1*	4246.7	3348.3	3121.7	4220.1	4337.7	4367.1
52.5°	2897.1	4007.8	5516.6	*5888.2*	4953.1	3715.8	3644.4	4936.8	5007.0	5024.5
55°	3276.9	4516.2	6461.9	*6762.0*	5596.2	4036.4	4256.9	5686.0	5668.1	5663.6
57.5°	3783.2	5051.1	7223.4	*7642.0*	6180.1	4469.2	5075.6	6519.0	6167.9	6080.1
60°	4667.3	5882.0	8170.8	*8626.0*	6962.1	5102.1	5677.9	6500.7	5873.5	5716.7
62.5°	5692.2	6682.4	9028.3	*9412.1*	7784.9	5731.0	5198.1	5459.4	4838.8	4683.6
65°	*4944.9*	*6541.5*	*9054.8*	*9448.8*	*7815.5*	*5347.1*	*3842.4*	*3871.0*	*3348.3*	*3217.7*
67.5°	4207.9	5798.3	8246.3	*8556.6*	6972.3	4420.2	2548.0	2525.5	2197.2	2115.2
70°	3746.5	5079.7	7107.0	*6839.6*	5861.6	3736.3	1692.5	1402.6	1198.5	1147.4
72.5°	3366.7	4030.3	5759.5	*4714.2*	4863.3	3040.0	1076.0	955.5	797.1	757.5
75°	3048.2	3334.0	3593.3	*3258.5*	3454.5	2505.1	912.6	737.0	603.1	569.6
77.5°	2425.5	2595.0	2127.4	*2066.2*	2419.4	1782.4	453.3	310.3	271.1	261.3
80°	1443.5	1227.0	1206.6	*1376.1*	1610.9	924.9	277.7	171.5	155.2	151.1
82.5°	873.8	443.0	481.8	*608.4*	857.5	420.6	165.4	73.5	65.3	63.3
85°	147.0	120.5	185.8	*177.6*	167.4	89.8	44.9	20.4	18.8	18.4
87.5°	4.1	6.1	8.2	*10.2*	10.2	10.2	10.2	10.2	11.8	12.3
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: SP1-2407-184-6

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-750-U-5WQ

Data in this report applies to families of products including GSS-SB1A-750-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

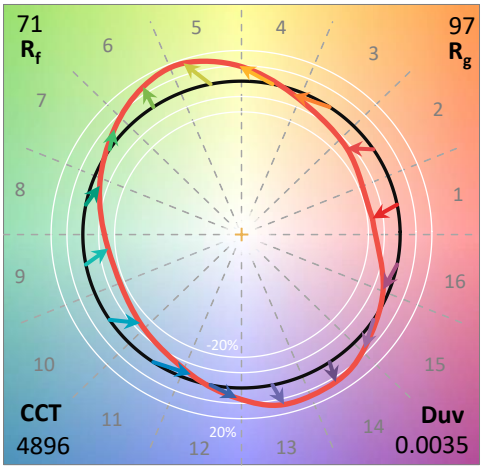
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-6
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-750-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 5000K CCT 26 LEDS

Spectral Parameters

CCT (K):	4896
CIE u':	0.2101
CIE v':	0.4901
Duv:	0.0035
CIE x:	0.3489
CIE y:	0.3618
CIE z:	0.2893
Peak Wavelength (nm):	443
Dominant Wavelength (nm):	570
Purity:	13.25435
Rf:	70.7
Rg:	96.8

CRI (Ra):	70.2
R1:	68.1
R2:	73.9
R3:	79.4
R4:	72.1
R5:	69.2
R6:	65.7
R7:	78.1
R8:	55.3
R9:	-35.1
R10:	39.3
R11:	71.1
R12:	43.8
R13:	68.1
R14:	88.4
R15:	59.7



Test Conditions

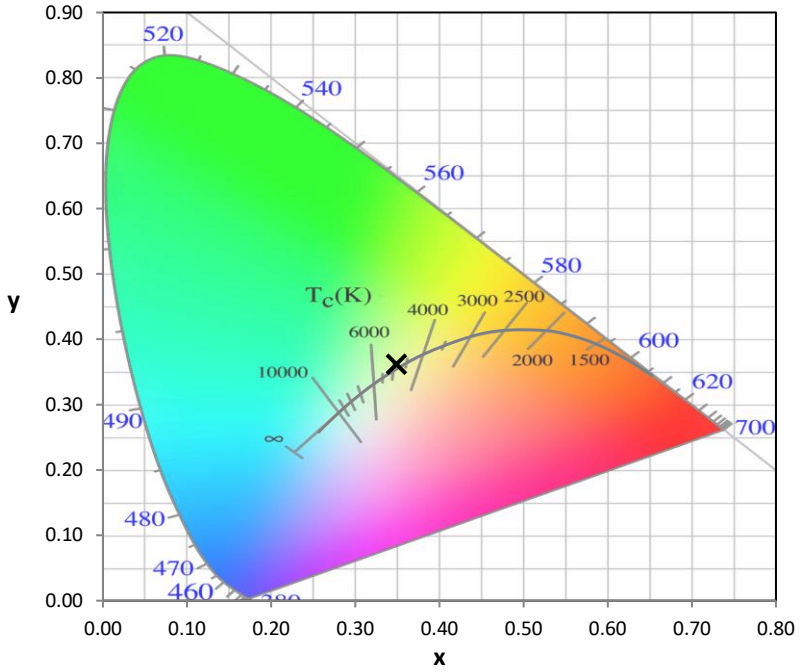
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-6

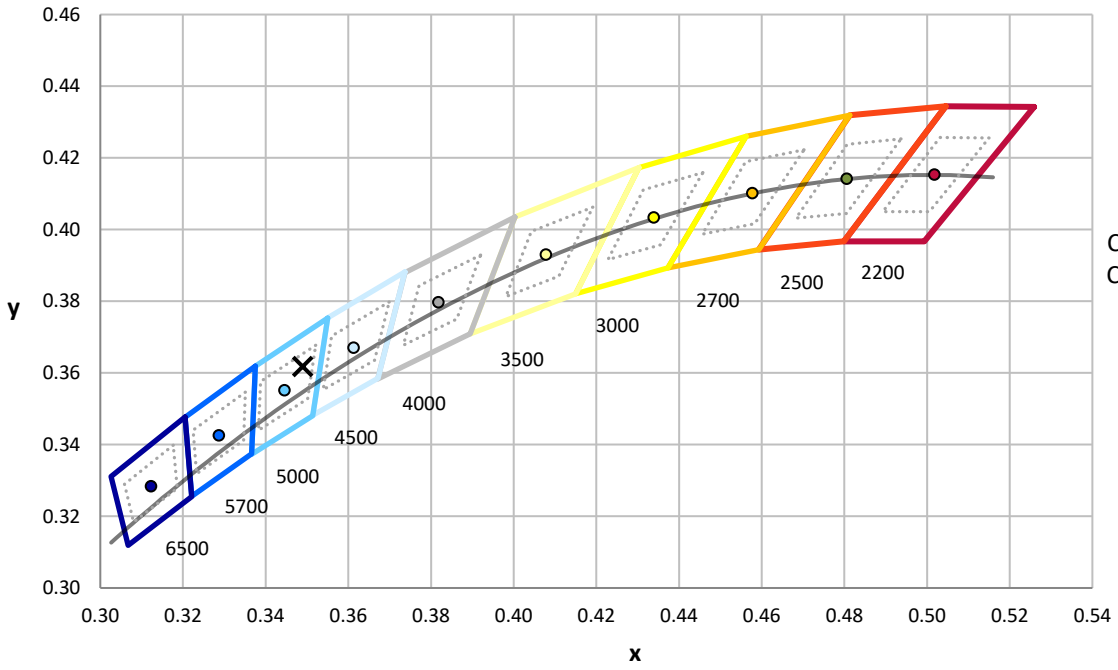
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-6

CIE 1931 Chromaticity Diagram



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

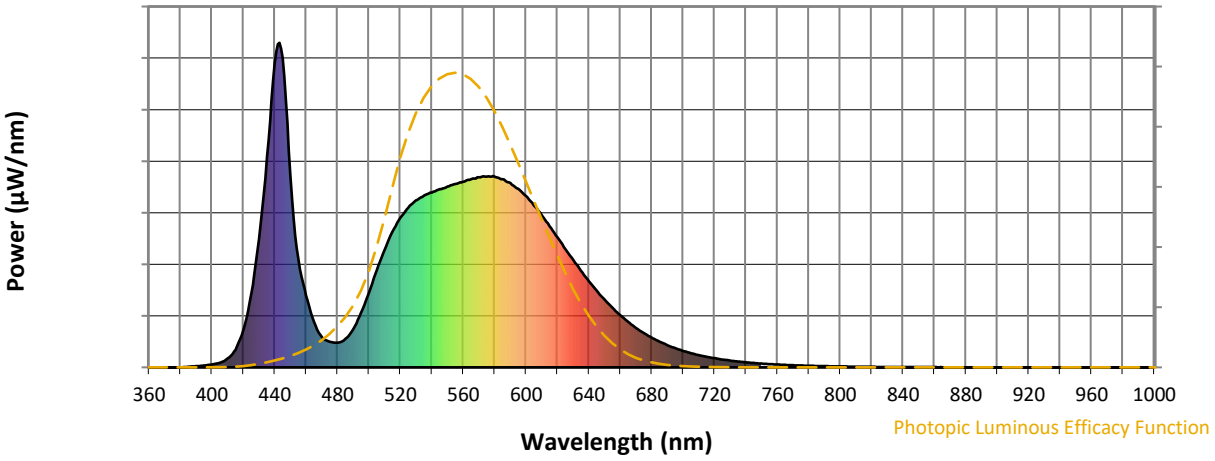


CCT = 4896K
CIE x = 0.3489
CIE y = 0.3618
Duv = 0.0035

Point lies inside the ANSI 5000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-6

Photopic Flux vs. Wavelength

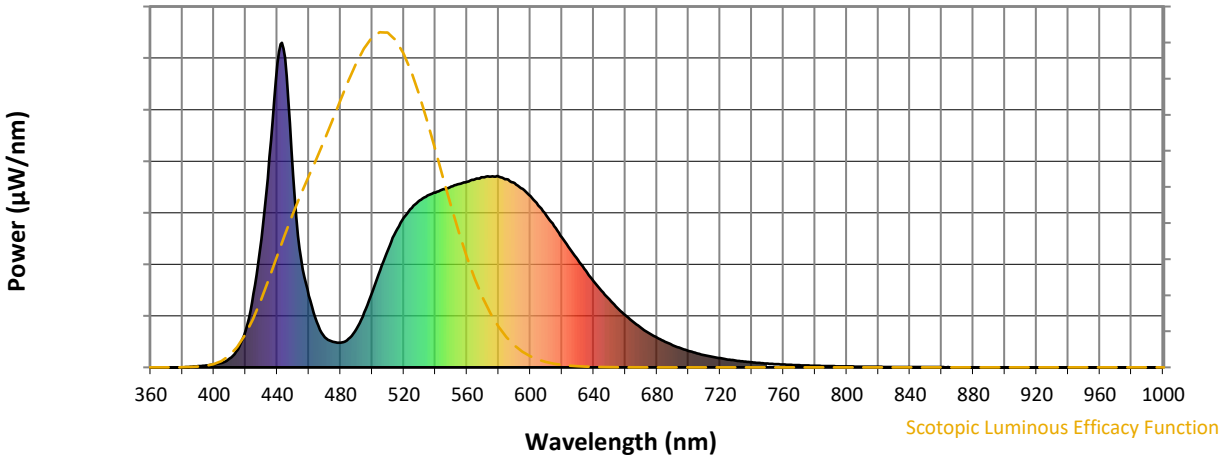


Photopic Lumens: NR

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	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-6

Scotopic Flux vs. Wavelength

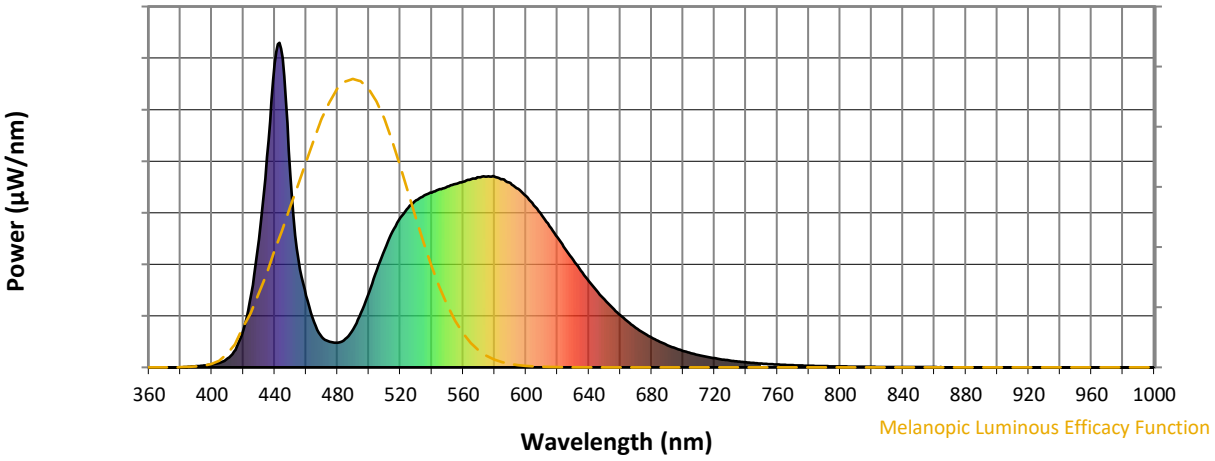


Scotopic Lumens: NR **S/P: 1.7**

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	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-6

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.37**

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	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

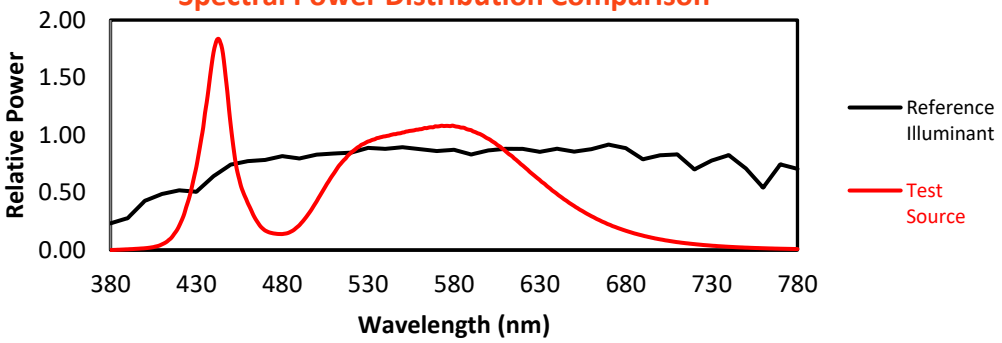
REPORT NUMBER: SP1-2407-184-6

TM-30-18

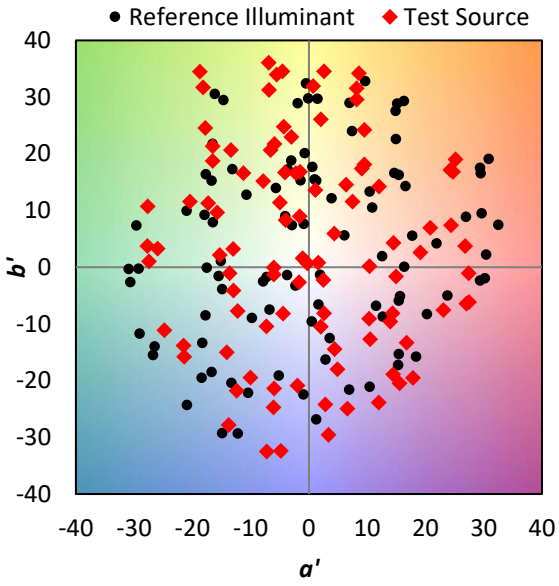
Summary

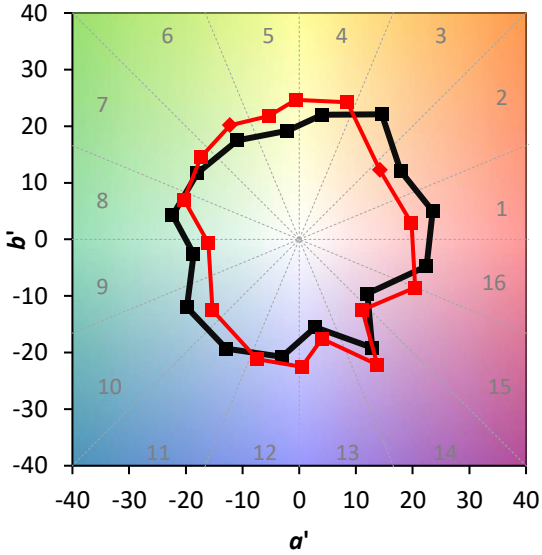
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R_g = 96.8
CIE R_a = 70.2
R_9 = -35.1

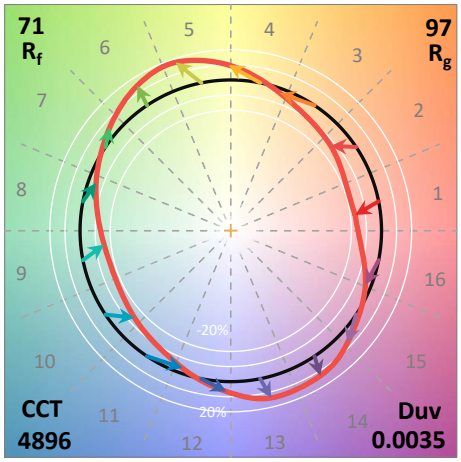
Spectral Power Distribution Comparison

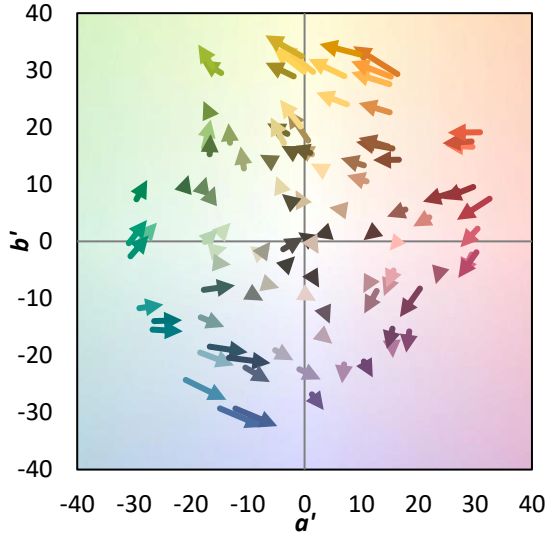


Color Vector Graphics







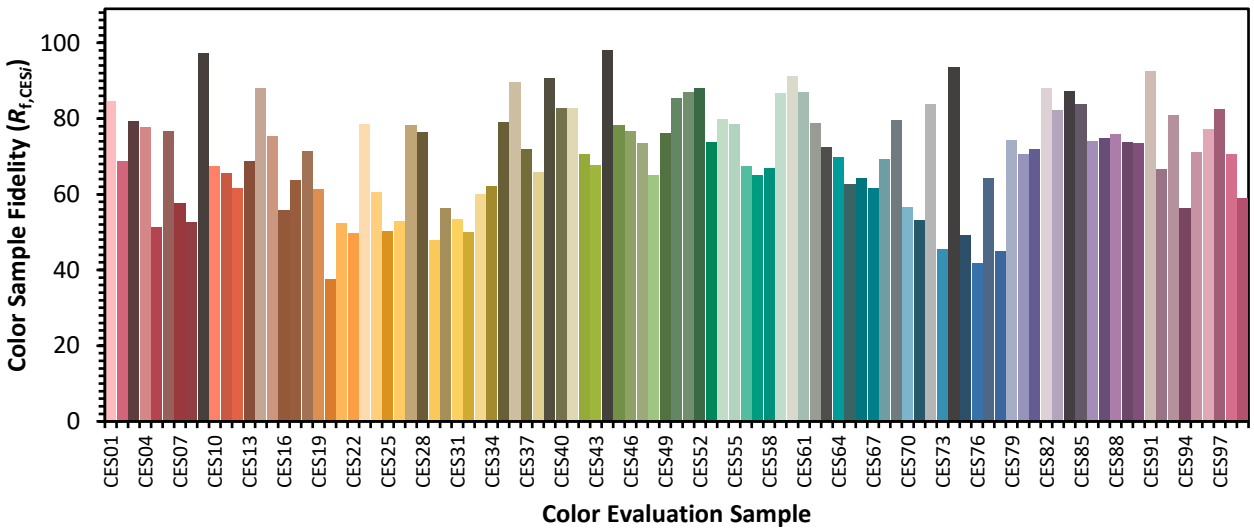


REPORT NUMBER: SP1-2407-184-6

TM-30-18

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

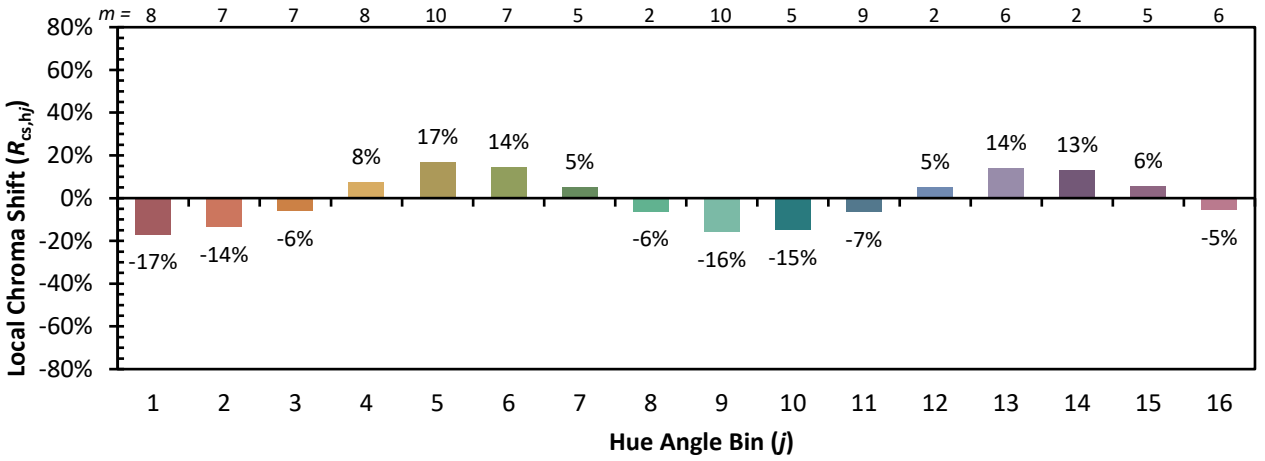
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CES04 = 69	CES29 = 48	CES54 = 80	CES79 = 74
CES05 = 46	CES30 = 56	CES55 = 79	CES80 = 71
CES06 = 50	CES31 = 54	CES56 = 68	CES81 = 72
CES07 = 39	CES32 = 50	CES57 = 65	CES82 = 88
CES08 = 38	CES33 = 60	CES58 = 67	CES83 = 82
CES09 = 29	CES34 = 62	CES59 = 87	CES84 = 87
CES10 = 72	CES35 = 79	CES60 = 91	CES85 = 84
CES11 = 56	CES36 = 90	CES61 = 87	CES86 = 74
CES12 = 61	CES37 = 72	CES62 = 79	CES87 = 75
CES13 = 41	CES38 = 66	CES63 = 72	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 70	CES89 = 74
CES15 = 70	CES40 = 83	CES65 = 63	CES90 = 73
CES16 = 46	CES41 = 83	CES66 = 64	CES91 = 92
CES17 = 49	CES42 = 70	CES67 = 62	CES92 = 67
CES18 = 55	CES43 = 68	CES68 = 69	CES93 = 81
CES19 = 71	CES44 = 98	CES69 = 80	CES94 = 56
CES20 = 64	CES45 = 78	CES70 = 56	CES95 = 71
CES21 = 85	CES46 = 77	CES71 = 53	CES96 = 77
CES22 = 77	CES47 = 73	CES72 = 84	CES97 = 82
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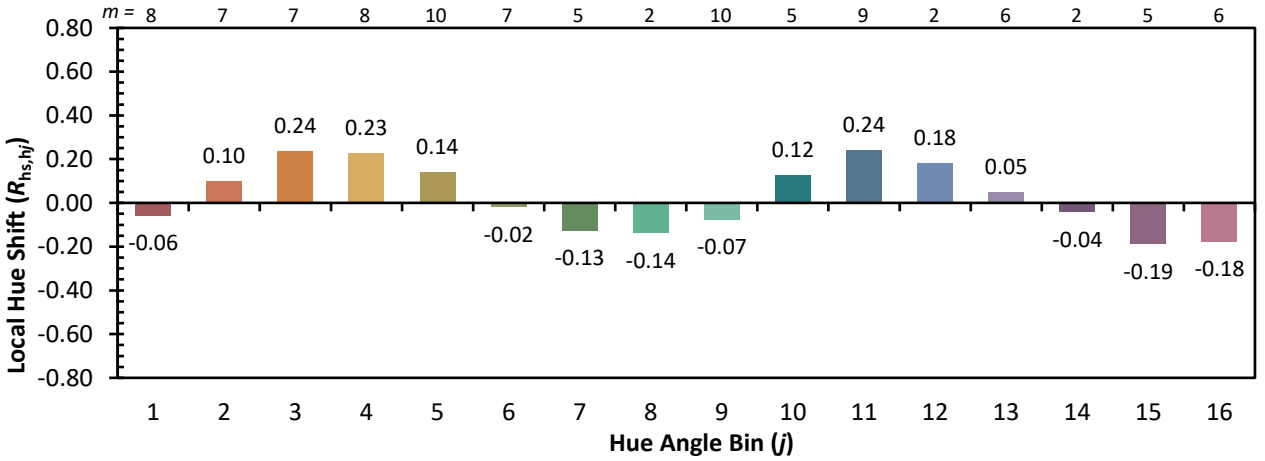


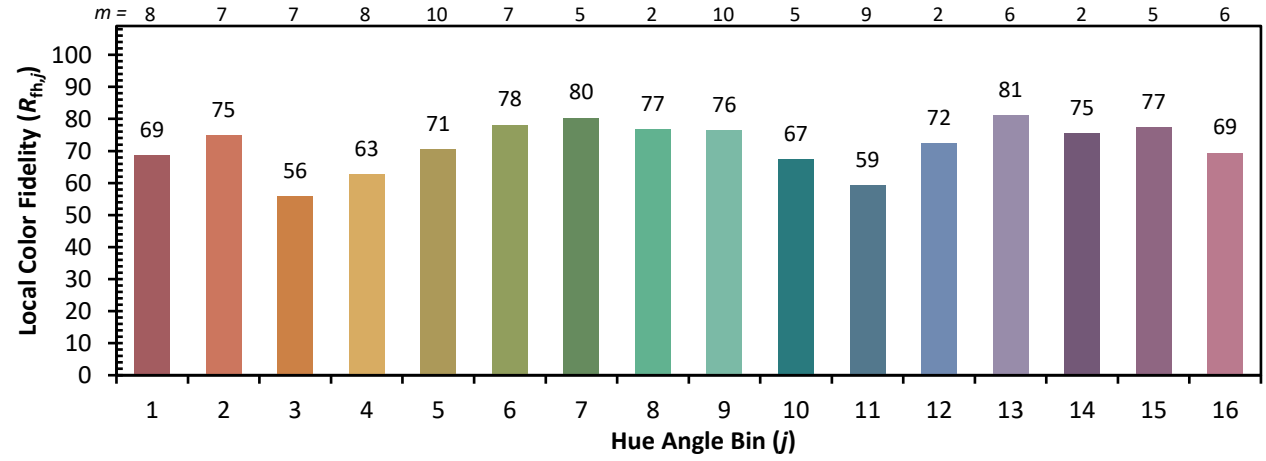
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Color Rendition by Hue-Angle Bin



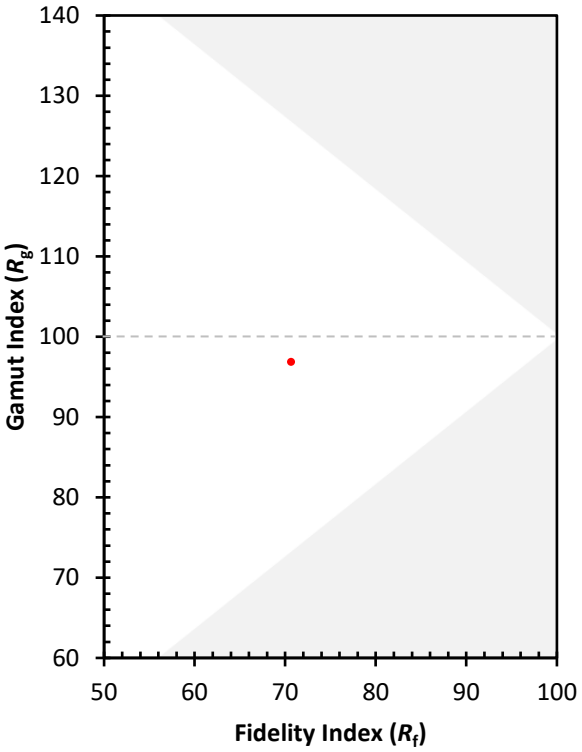


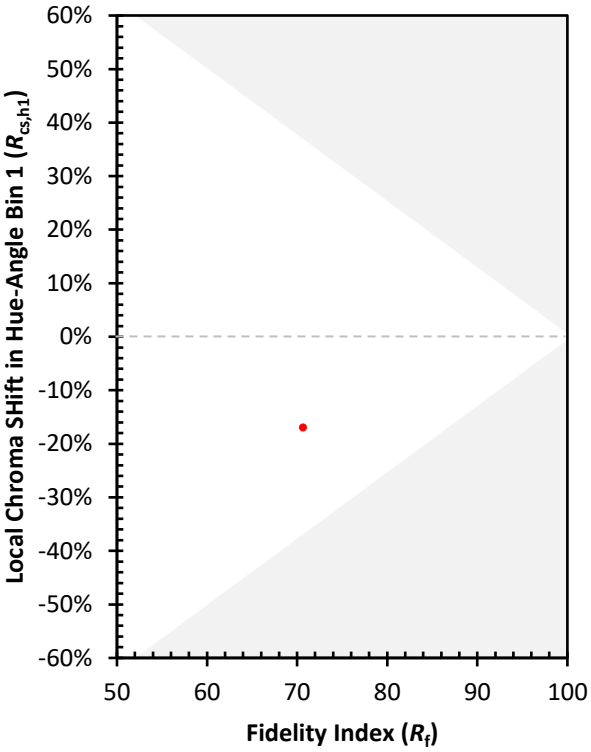


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Measure Comparisons





(END OF REPORT)