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: P1365396

Luminaire Tested: **GSS-SB2B-750-U-SLL-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:	P1365396
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB2B-750-U-SLL-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 2SQUARE 74W 70CRI 5000K FIXTURE w/ 90° Spill Light Eliminator LETT OPTIC 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:	8382.3 lumens
Efficiency:	N/A
Efficacy:	113.3 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

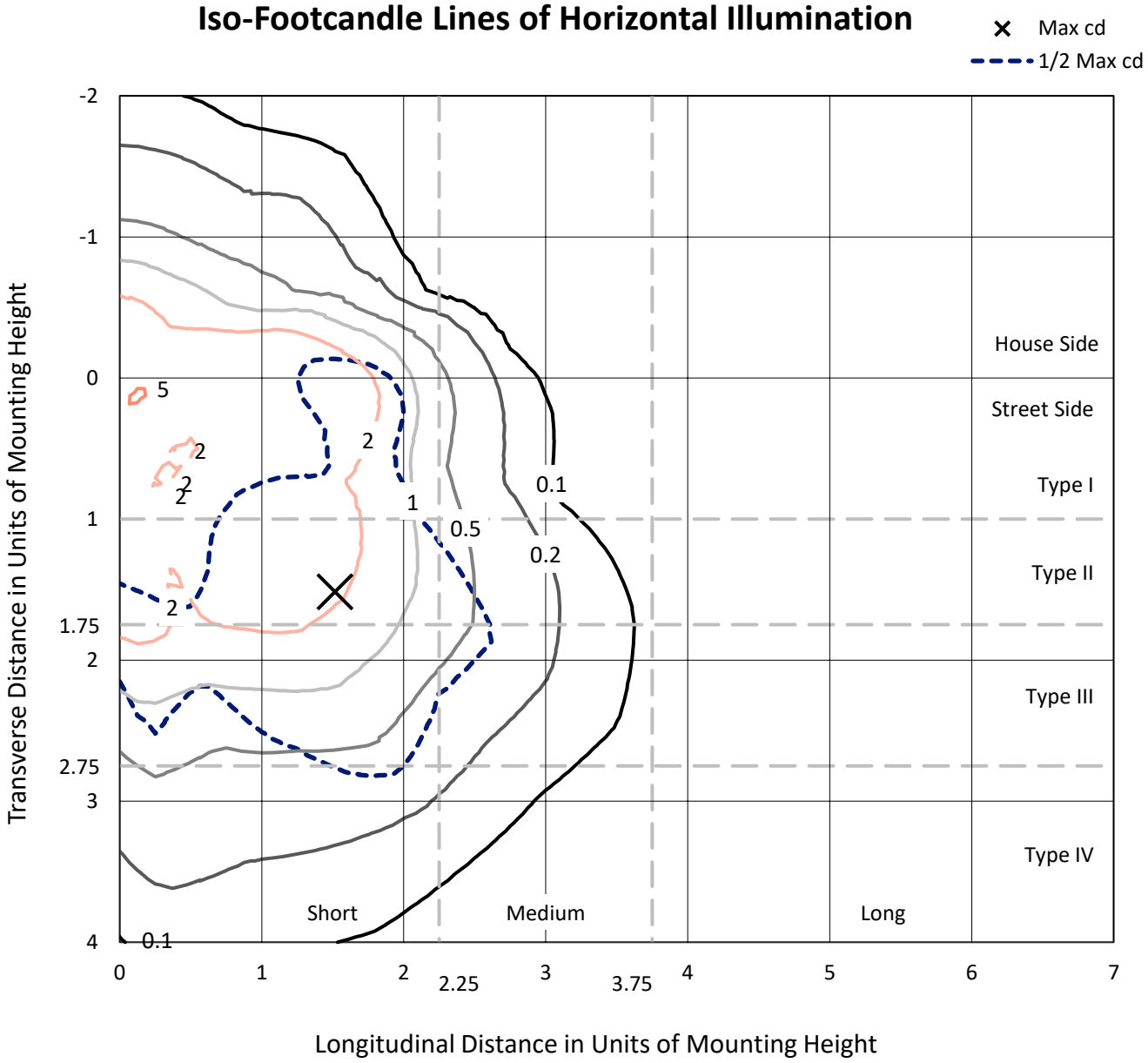
Input Watts (W):	74
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	13.6%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination



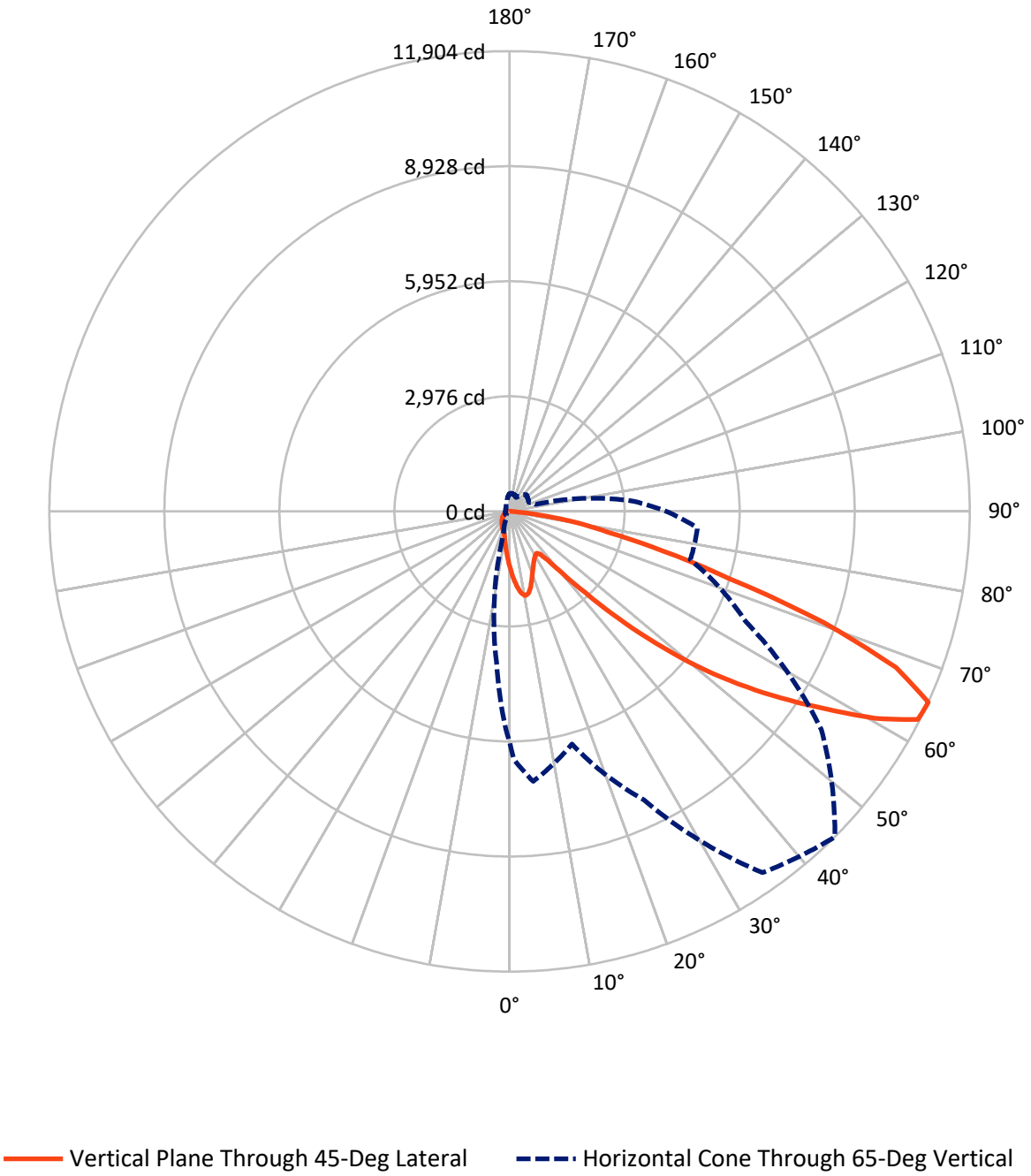
Based on 20 foot mounting height. Maximum calculated value = 5.3 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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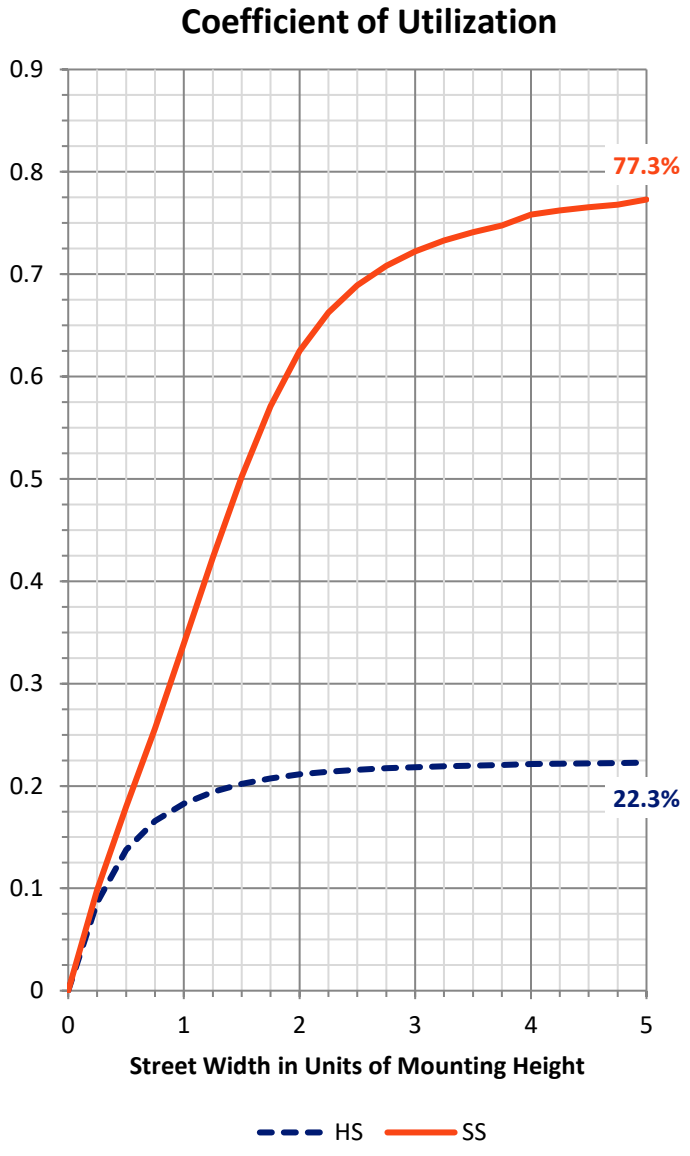
REPORT NUMBER: P1365396
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1885.6	0.0	1885.6
	% Fixture	22.5	0.0	22.5
Street Side	Lumens	6496.8	0.0	6496.8
	% Fixture	77.5	0.0	77.5
Total	Lumens	8382.3	0.0	8382.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	139.2	1.7
10°-20°	384.9	4.6
20°-30°	551.3	6.6
30°-40°	691.6	8.3
40°-50°	1136.0	13.6
50°-60°	2051.1	24.5
60°-70°	2277.1	27.2
70°-80°	1029.3	12.3
80°-90°	121.8	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°	8382.3	100.0
0°-180°	8382.3	100.0



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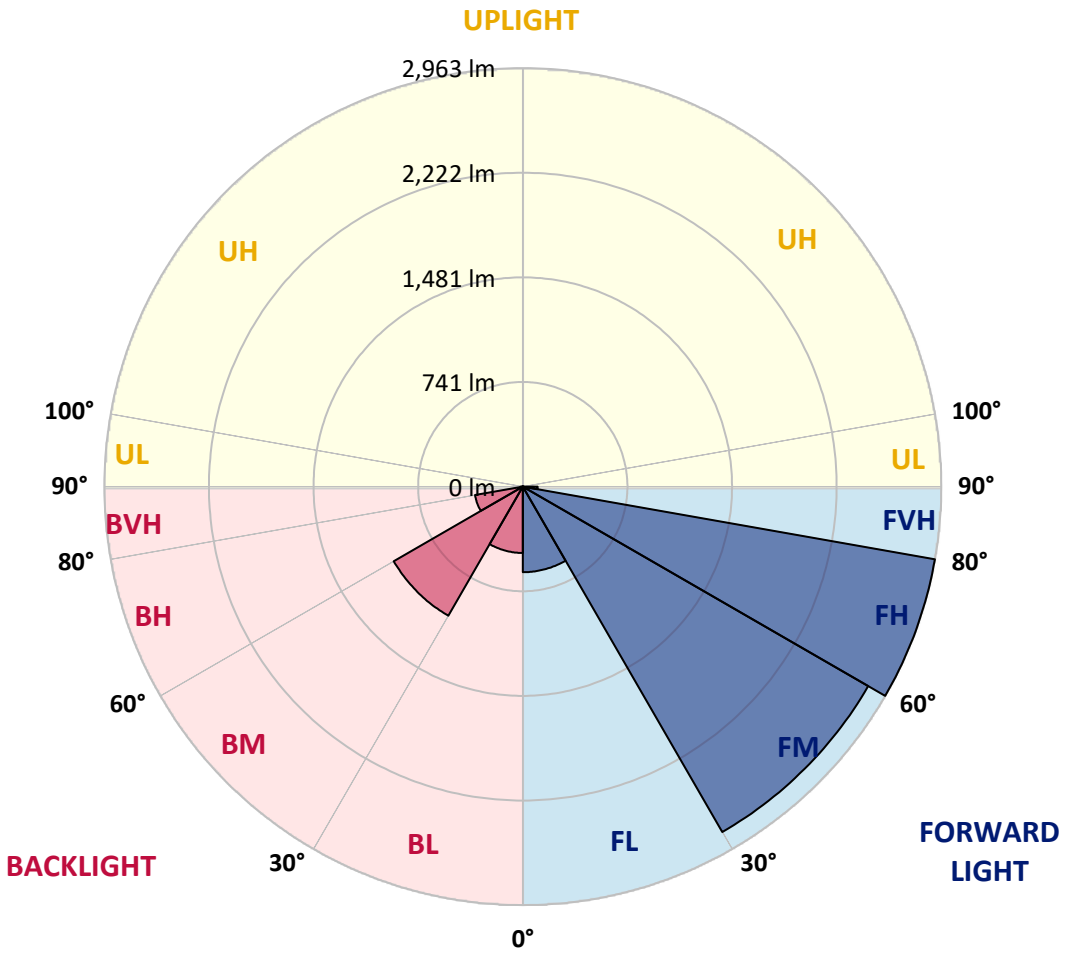
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	605.5	7.2			
FM	(30°-60°)	2823.7	33.7			
FH	(60°-80°)	2962.9	35.3			G2/5000
FVH	(80°-90°)	104.6	1.2			G2/225
BL	(0°-30°)	469.9	5.6	B1/500		
BM	(30°-60°)	1055.0	12.6	B2/2500		
BH	(60°-80°)	343.5	4.1	B1/500		G1/500
BVH	(80°-90°)	17.2	0.2			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	1448.2	1448.2	1448.2	1448.2	1448.2	1448.2	1448.2	1448.2	1448.2	1448.2	1448.2
2.5°	1594.8	1615.3	1612.8	1641.1	1666.8	1684.8	1700.2	1695.1	1682.2	1656.5	1638.5
5°	1762.0	1777.4	1803.1	1857.1	1898.3	1934.3	1929.2	1934.3	1895.7	1857.1	1810.8
7.5°	1906.0	1924.0	1960.0	2037.2	2088.6	2132.4	2127.2	2111.8	2068.1	2003.8	1934.3
10°	1996.0	2008.9	2047.5	2134.9	2194.1	2230.1	2217.2	2191.5	2134.9	2070.6	1988.3
12.5°	2034.6	2050.1	2083.5	2152.9	2191.5	2183.8	2178.7	2173.5	2145.2	2096.4	2021.8
15°	2039.8	2050.1	2075.8	2106.6	2091.2	2047.5	2037.2	2075.8	2111.8	2101.5	2039.8
17.5°	2039.8	2055.2	2060.3	2029.5	1949.7	1870.0	1859.7	1924.0	2024.3	2104.1	2068.1
20°	2047.5	2055.2	2044.9	1944.6	1795.4	1707.9	1689.9	1769.7	1918.9	2075.8	2096.4
22.5°	2057.8	2065.5	2021.8	1844.3	1669.4	1576.8	1566.5	1625.6	1800.5	2034.6	2127.2
25°	2078.3	2073.2	2006.3	1756.8	1558.8	1471.3	1455.9	1533.0	1702.8	1993.5	2178.7
27.5°	2104.1	2080.9	1985.7	1684.8	1479.0	1386.4	1376.1	1450.7	1620.5	1942.0	2222.4
30°	2137.5	2114.4	1983.2	1628.2	1419.9	1327.3	1314.4	1396.7	1563.9	1906.0	2284.1
32.5°	2183.8	2150.4	1985.7	1584.5	1386.4	1299.0	1291.2	1378.7	1540.8	1885.4	2348.4
35°	2245.5	2196.7	1996.0	1569.0	1396.7	1337.5	1355.6	1422.4	1563.9	1900.9	2453.9
37.5°	2322.7	2276.4	2047.5	1602.5	1509.9	1551.0	1597.3	1623.1	1674.5	1972.9	2623.7
40°	2451.3	2387.0	2124.6	1710.5	1813.4	2006.3	2096.4	2086.1	1967.7	2137.5	2862.9
42.5°	2631.4	2572.2	2281.6	1985.7	2320.1	2729.1	2880.9	2793.4	2435.9	2399.9	3256.4
45°	2906.6	2808.9	2492.5	2394.7	2932.3	3603.7	3945.8	3644.8	3030.1	2814.0	3817.2
47.5°	3259.0	3161.2	2821.7	2803.7	3616.5	4684.0	5090.4	4498.8	3619.1	3356.7	4488.5
50°	3824.9	3716.8	3305.3	3220.4	4372.8	5761.8	6304.5	5350.2	4218.4	3932.9	5316.8
52.5°	4601.7	4529.7	4071.8	3650.0	5049.3	6950.1	7418.3	6240.2	4681.4	4591.4	6219.6
55°	5684.6	5615.1	5069.8	4128.4	5689.7	8141.0	8519.2	7050.4	5085.3	5363.1	7163.6
57.5°	6911.5	7027.3	6435.7	4766.3	6363.7	9100.5	9627.8	7786.1	5630.6	6394.5	8213.1
60°	7711.5	8076.7	8002.1	5880.1	7410.5	10294.0	10867.6	8771.2	6428.0	7153.3	8189.9
62.5°	7017.0	7382.2	7953.3	7171.3	8418.8	11374.3	11857.9	9807.8	7220.2	6548.8	6878.1
65°	5954.7	6409.9	7011.8	6229.9	8241.4	11407.8	11904.2	9846.4	6736.6	4840.9	4876.9
67.5°	5131.6	5535.4	6276.2	5301.3	7305.1	10389.2	10780.1	8784.1	5568.8	3210.1	3181.8
70°	4282.7	4653.1	5589.4	4720.0	6399.7	8953.9	8616.9	7384.8	4707.1	2132.4	1767.1
72.5°	3650.0	3992.1	4966.9	4241.6	5077.5	7256.2	5939.2	6127.0	3830.0	1355.6	1203.8
75°	3019.8	3333.6	4223.6	3840.3	4200.4	4527.1	4105.2	4352.2	3156.1	1149.8	928.6
77.5°	2119.5	2315.0	2963.2	3055.8	3269.3	2680.2	2603.1	3048.1	2245.5	571.0	391.0
80°	1044.3	1165.2	1545.9	1818.6	1545.9	1520.2	1733.7	2029.5	1165.2	349.8	216.1
82.5°	468.1	555.6	712.5	1100.9	558.2	607.0	766.5	1080.3	529.9	208.3	92.6
85°	74.6	82.3	138.9	185.2	151.8	234.1	223.8	210.9	113.2	56.6	25.7
87.5°	2.6	2.6	2.6	5.1	7.7	10.3	12.9	12.9	12.9	12.9	12.9
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°	1448.2	1448.2	1448.2	1448.2	1448.2	1448.2	1448.2	1448.2	1448.2	1448.2	1448.2
2.5°	1633.4	1625.6	1587.1	1548.5	1515.0	1481.6	1448.2	1401.9	1365.8	1335.0	1322.1
5°	1787.7	1746.5	1687.4	1623.1	1566.5	1502.2	1440.4	1371.0	1314.4	1255.2	1224.4
7.5°	1893.1	1852.0	1754.2	1656.5	1587.1	1517.6	1453.3	1376.1	1301.5	1216.7	1170.4
10°	1942.0	1895.7	1790.3	1677.1	1592.2	1522.7	1463.6	1399.3	1324.7	1219.2	1157.5
12.5°	1975.5	1918.9	1798.0	1682.2	1597.3	1525.3	1468.7	1422.4	1378.7	1275.8	1203.8
15°	1996.0	1944.6	1818.6	1684.8	1589.6	1504.7	1450.7	1435.3	1443.0	1394.1	1306.7
17.5°	2026.9	1978.0	1844.3	1700.2	1576.8	1461.0	1401.9	1435.3	1504.7	1520.2	1450.7
20°	2068.1	2016.6	1877.7	1713.1	1538.2	1378.7	1322.1	1407.0	1522.7	1602.5	1563.9
22.5°	2114.4	2073.2	1916.3	1726.0	1481.6	1270.7	1245.0	1347.8	1471.3	1574.2	1576.8
25°	2170.9	2132.4	1970.3	1738.8	1404.4	1178.1	1183.2	1270.7	1368.4	1473.9	1491.9
27.5°	2248.1	2212.1	2037.2	1754.2	1324.7	1103.5	1129.2	1193.5	1260.4	1324.7	1350.4
30°	2333.0	2304.7	2116.9	1785.1	1250.1	1059.8	1075.2	1118.9	1172.9	1211.5	1224.4
32.5°	2448.7	2402.4	2191.5	1782.5	1193.5	1039.2	1023.7	1036.6	1080.3	1118.9	1121.5
35°	2592.8	2556.8	2268.7	1736.2	1142.1	1028.9	974.9	967.2	992.9	1031.5	1028.9
37.5°	2803.7	2772.8	2394.7	1664.2	1077.8	1003.2	923.4	897.7	915.7	941.4	949.1
40°	3120.1	3040.4	2538.8	1584.5	1013.5	956.9	861.7	825.7	838.5	866.8	872.0
42.5°	3549.7	3397.9	2731.7	1476.4	951.7	887.4	800.0	761.4	769.1	794.8	800.0
45°	4100.1	3871.2	2996.6	1363.3	902.8	815.4	735.7	694.5	702.2	730.5	743.4
47.5°	4743.2	4429.3	3274.4	1242.4	874.6	758.8	671.3	640.5	658.5	686.8	691.9
50°	5502.0	5185.6	3451.9	1144.6	856.5	715.1	612.2	599.3	622.5	645.6	650.8
52.5°	6330.2	5880.1	3338.7	1064.9	841.1	699.6	571.0	576.2	594.2	617.3	625.0
55°	7135.3	6134.7	2963.2	962.0	823.1	709.9	540.2	553.0	576.2	594.2	599.3
57.5°	7660.0	5921.2	2387.0	854.0	802.5	717.6	524.7	535.0	560.7	581.3	583.9
60°	7202.2	5453.1	1787.7	761.4	758.8	704.8	519.6	504.2	540.2	558.2	560.7
62.5°	5900.7	4460.2	1142.1	673.9	676.5	676.5	517.0	452.7	499.0	514.4	511.9
65°	*4053.8*	*3153.5*	*707.4*	*550.5*	*576.2*	*614.8*	*501.6*	*398.7*	*452.7*	*468.1*	*463.0*
67.5°	2664.8	2003.8	437.3	424.4	473.3	532.4	470.7	357.5	406.4	416.7	401.3
70°	1445.6	944.0	288.1	277.8	370.4	419.3	398.7	321.5	362.7	373.0	357.5
72.5°	954.3	542.7	203.2	203.2	290.7	293.2	326.7	288.1	321.5	331.8	316.4
75°	717.6	349.8	141.5	156.9	185.2	228.9	234.1	241.8	272.7	285.5	270.1
77.5°	329.2	128.6	84.9	115.7	128.6	174.9	149.2	180.1	203.2	208.3	195.5
80°	190.3	72.0	56.6	74.6	82.3	144.0	87.5	108.0	144.0	151.8	136.3
82.5°	79.7	36.0	38.6	46.3	48.9	79.7	61.7	69.4	95.2	92.6	82.3
85°	23.1	23.1	25.7	28.3	28.3	46.3	43.7	41.2	43.7	43.7	36.0
87.5°	15.4	15.4	15.4	18.0	18.0	20.6	23.1	25.7	25.7	25.7	23.1
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°	1448.2	1448.2	1448.2	1448.2	1448.2	1448.2	1448.2	1448.2	1448.2	1448.2	1448.2
2.5°	1304.1	1281.0	1247.5	1242.4	1224.4	1211.5	1224.4	1237.2	1260.4	1263.0	1273.2
5°	1196.1	1142.1	1100.9	1054.6	1031.5	1028.9	1023.7	1039.2	1072.6	1093.2	1108.6
7.5°	1124.1	1026.3	954.3	890.0	866.8	848.8	864.3	861.7	905.4	923.4	938.9
10°	1085.5	949.1	841.1	761.4	730.5	712.5	709.9	715.1	740.8	758.8	776.8
12.5°	1111.2	918.3	758.8	666.2	632.8	612.2	594.2	594.2	599.3	622.5	630.2
15°	1196.1	936.3	720.2	619.9	576.2	542.7	519.6	501.6	504.2	506.7	514.4
17.5°	1319.5	982.6	707.4	591.6	545.3	504.2	481.0	460.4	455.3	455.3	452.7
20°	1437.9	1018.6	697.1	568.5	509.3	473.3	452.7	434.7	427.0	427.0	427.0
22.5°	1486.7	1049.5	684.2	540.2	473.3	439.8	421.8	409.0	406.4	406.4	403.8
25°	1448.2	1039.2	668.8	511.9	439.8	414.1	398.7	385.8	383.3	385.8	383.3
27.5°	1327.3	1003.2	648.2	488.7	414.1	391.0	378.1	365.3	362.7	365.3	365.3
30°	1198.7	941.4	614.8	470.7	393.5	367.8	355.0	342.1	342.1	344.7	347.2
32.5°	1095.8	879.7	576.2	447.6	370.4	347.2	334.4	321.5	321.5	326.7	326.7
35°	1008.3	830.8	537.6	424.4	349.8	324.1	313.8	303.5	300.9	306.1	308.7
37.5°	938.9	787.1	496.4	401.3	329.2	306.1	295.8	282.9	280.4	285.5	290.7
40°	866.8	738.2	460.4	373.0	308.7	285.5	275.2	259.8	259.8	264.9	270.1
42.5°	797.4	694.5	437.3	347.2	288.1	262.4	252.1	239.2	239.2	244.4	249.5
45°	740.8	653.3	424.4	321.5	264.9	241.8	228.9	218.6	221.2	226.4	231.5
47.5°	686.8	609.6	427.0	308.7	249.5	218.6	205.8	198.1	203.2	210.9	216.1
50°	645.6	578.7	429.6	288.1	228.9	200.6	187.8	182.6	190.3	198.1	203.2
52.5°	619.9	547.9	414.1	262.4	213.5	182.6	174.9	174.9	182.6	187.8	192.9
55°	594.2	496.4	380.7	234.1	198.1	169.8	164.6	164.6	172.3	177.5	180.1
57.5°	573.6	442.4	342.1	210.9	180.1	156.9	156.9	156.9	159.5	162.0	167.2
60°	535.0	385.8	293.2	192.9	162.0	146.6	144.0	144.0	141.5	144.0	151.8
62.5°	468.1	324.1	249.5	172.3	146.6	133.8	131.2	123.5	115.7	118.3	123.5
65°	*396.1*	*257.2*	*208.3*	*149.2*	*126.0*	*118.3*	*115.7*	*102.9*	*92.6*	*95.2*	*102.9*
67.5°	316.4	192.9	174.9	128.6	108.0	100.3	100.3	92.6	84.9	84.9	90.0
70°	246.9	162.0	131.2	102.9	84.9	84.9	90.0	82.3	72.0	72.0	79.7
72.5°	200.6	131.2	105.5	79.7	66.9	72.0	74.6	66.9	59.2	59.2	64.3
75°	156.9	102.9	82.3	59.2	51.4	54.0	59.2	54.0	46.3	48.9	51.4
77.5°	108.0	69.4	54.0	43.7	38.6	41.2	41.2	38.6	36.0	36.0	38.6
80°	72.0	46.3	36.0	30.9	28.3	28.3	25.7	25.7	28.3	28.3	30.9
82.5°	51.4	33.4	28.3	23.1	18.0	18.0	20.6	20.6	23.1	23.1	25.7
85°	30.9	23.1	20.6	15.4	12.9	15.4	15.4	18.0	20.6	20.6	23.1
87.5°	23.1	18.0	15.4	12.9	10.3	10.3	12.9	12.9	15.4	18.0	18.0
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: P1365396
CATALOG NUMBER: GSS-SB2B-750-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	1448.2	1448.2	1448.2	1448.2	1448.2	1448.2	1448.2	1448.2	1448.2	1448.2
2.5°	1299.0	1329.8	1373.6	1412.1	1458.4	1504.7	1548.5	1589.6	1592.2	1594.8
5°	1157.5	1219.2	1291.2	1378.7	1471.3	1561.3	1656.5	1733.7	1751.7	1762.0
7.5°	1000.6	1090.6	1201.2	1324.7	1463.6	1602.5	1736.2	1852.0	1895.7	1906.0
10°	836.0	946.6	1080.3	1239.8	1427.6	1612.8	1792.8	1934.3	1985.7	1996.0
12.5°	689.4	779.4	933.7	1126.6	1353.0	1597.3	1813.4	1970.3	2021.8	2034.6
15°	563.3	648.2	792.2	995.4	1250.1	1543.3	1798.0	1978.0	2029.5	2039.8
17.5°	465.6	519.6	650.8	872.0	1157.5	1473.9	1777.4	1983.2	2032.0	2039.8
20°	427.0	437.3	506.7	722.8	1059.8	1422.4	1764.5	1990.9	2039.8	2047.5
22.5°	409.0	409.0	424.4	550.5	923.4	1368.4	1759.4	2014.0	2050.1	2057.8
25°	391.0	391.0	396.1	432.1	761.4	1301.5	1769.7	2055.2	2078.3	2078.3
27.5°	373.0	373.0	378.1	385.8	565.9	1190.9	1772.3	2101.5	2111.8	2104.1
30°	355.0	360.1	360.1	365.3	416.7	1052.0	1756.8	2152.9	2152.9	2137.5
32.5°	337.0	339.5	344.7	347.2	362.7	872.0	1731.1	2217.2	2204.4	2183.8
35°	321.5	324.1	324.1	329.2	344.7	697.1	1702.8	2304.7	2268.7	2245.5
37.5°	300.9	303.5	306.1	311.2	326.7	553.0	1661.6	2379.3	2353.6	2322.7
40°	282.9	285.5	288.1	293.2	308.7	475.9	1610.2	2492.5	2487.3	2451.3
42.5°	262.4	267.5	270.1	272.7	293.2	434.7	1574.2	2675.1	2675.1	2631.4
45°	244.4	249.5	249.5	254.6	282.9	398.7	1653.9	2927.2	2947.8	2906.6
47.5°	228.9	231.5	231.5	234.1	267.5	367.8	1867.4	3313.0	3287.3	3259.0
50°	213.5	218.6	213.5	216.1	254.6	385.8	2219.8	3806.9	3873.7	3824.9
52.5°	203.2	205.8	195.5	195.5	236.6	409.0	2507.9	4437.1	4660.8	4601.7
55°	190.3	192.9	180.1	180.1	208.3	355.0	2525.9	5154.7	5646.0	5684.6
57.5°	177.5	177.5	167.2	164.6	180.1	288.1	2240.4	5710.3	6824.1	6911.5
60°	162.0	159.5	154.3	149.2	164.6	264.9	1707.9	5635.7	7408.0	7711.5
62.5°	138.9	144.0	141.5	131.2	149.2	246.9	1113.8	4876.9	6749.5	7017.0
65°	*115.7*	*123.5*	*123.5*	*115.7*	*164.6*	*216.1*	*586.5*	*3904.6*	*5633.1*	*5954.7*
67.5°	102.9	108.0	105.5	100.3	146.6	136.3	282.9	2994.1	4822.9	5131.6
70°	90.0	95.2	87.5	82.3	118.3	97.7	167.2	2003.8	3981.8	4282.7
72.5°	74.6	79.7	72.0	64.3	87.5	74.6	110.6	1304.1	3315.6	3650.0
75°	61.7	64.3	59.2	51.4	64.3	59.2	77.2	851.4	2772.8	3019.8
77.5°	43.7	48.9	46.3	38.6	46.3	41.2	54.0	486.1	1934.3	2119.5
80°	33.4	33.4	33.4	30.9	28.3	28.3	36.0	218.6	938.9	1044.3
82.5°	28.3	28.3	25.7	23.1	20.6	18.0	20.6	64.3	442.4	468.1
85°	25.7	20.6	18.0	15.4	12.9	7.7	7.7	18.0	90.0	74.6
87.5°	15.4	12.9	10.3	5.1	2.6	2.6	0.0	2.6	2.6	2.6
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

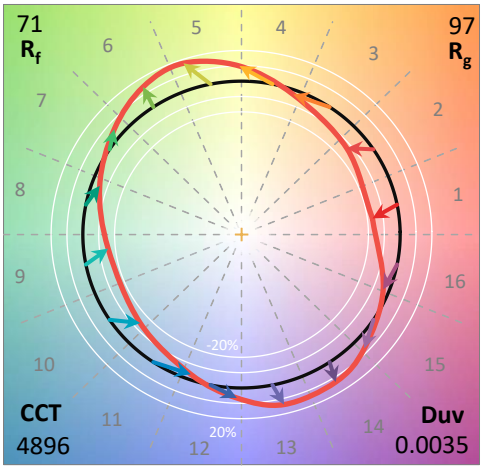
Test Information

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

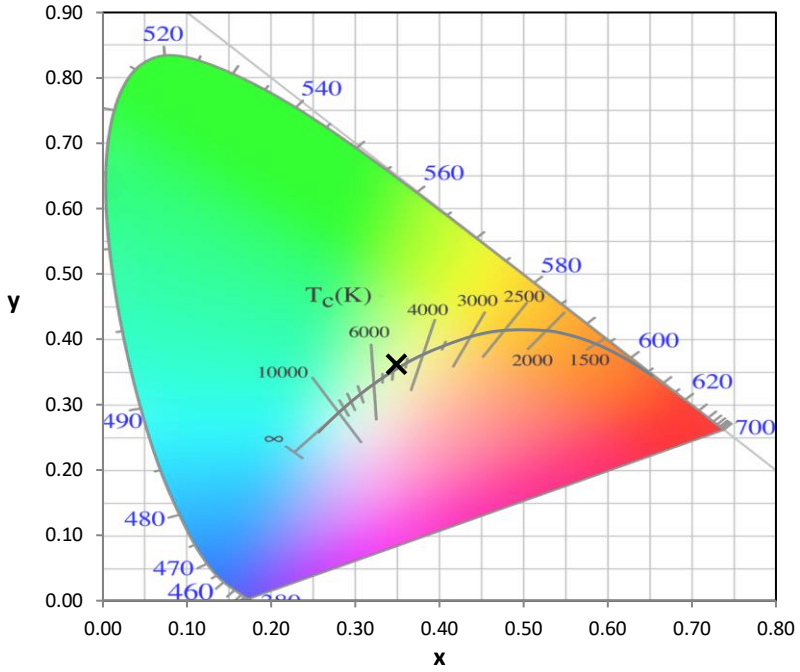
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-6

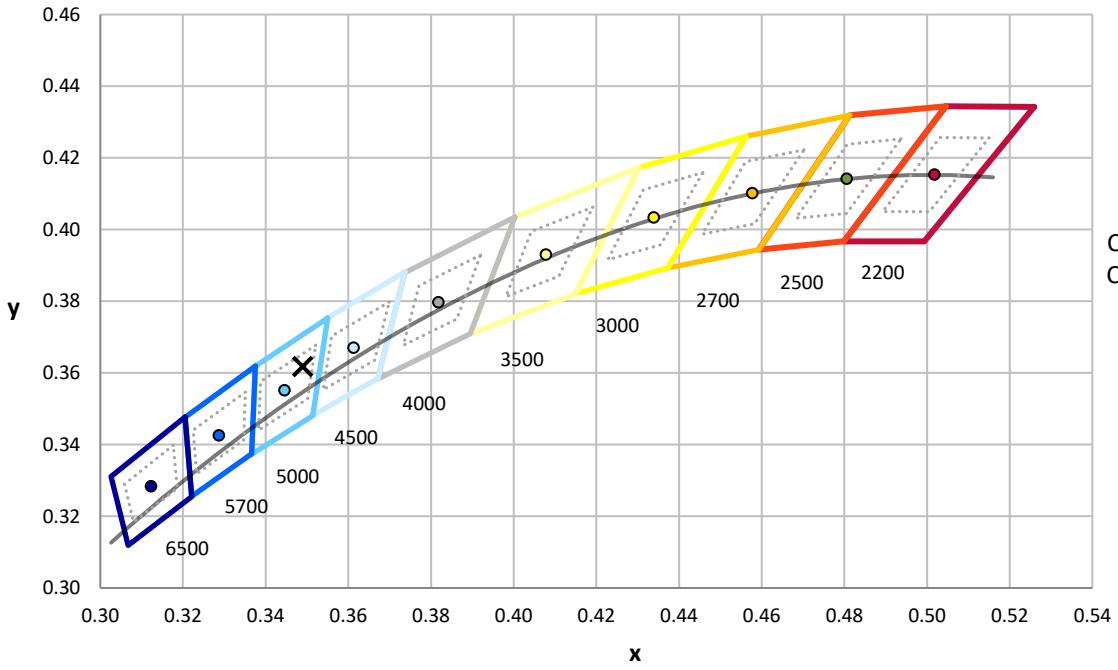
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

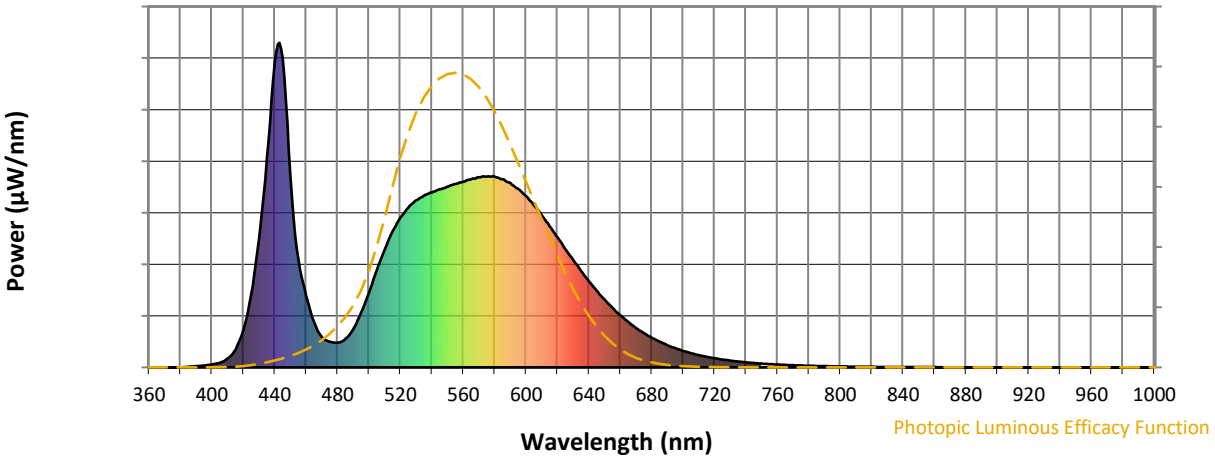


CCT = 4896K
CIE x = 0.3489
CIE y = 0.3618
Duv = 0.0035

Point lies inside the ANSI 5000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-6

Photopic Flux vs. Wavelength

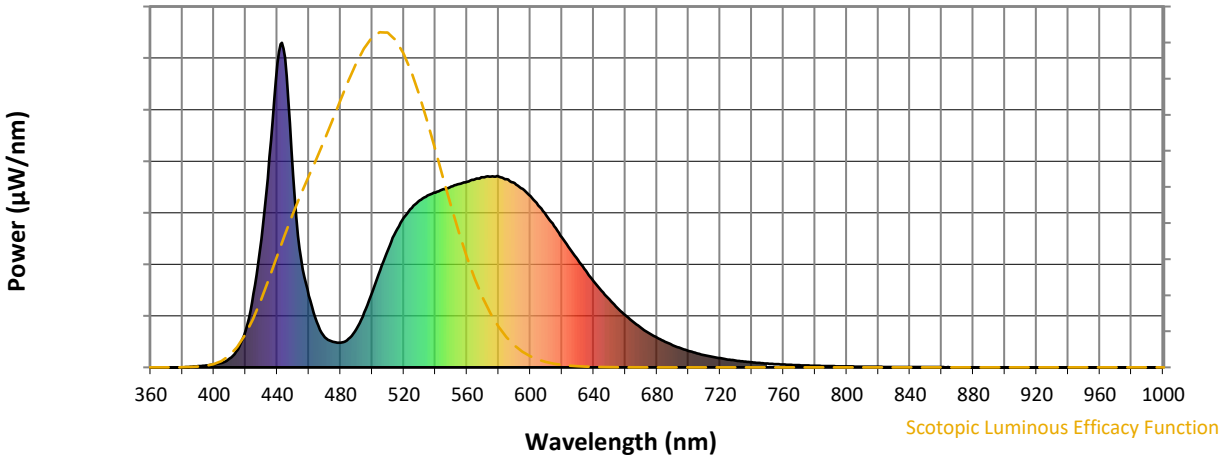


Photopic Lumens: NR

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

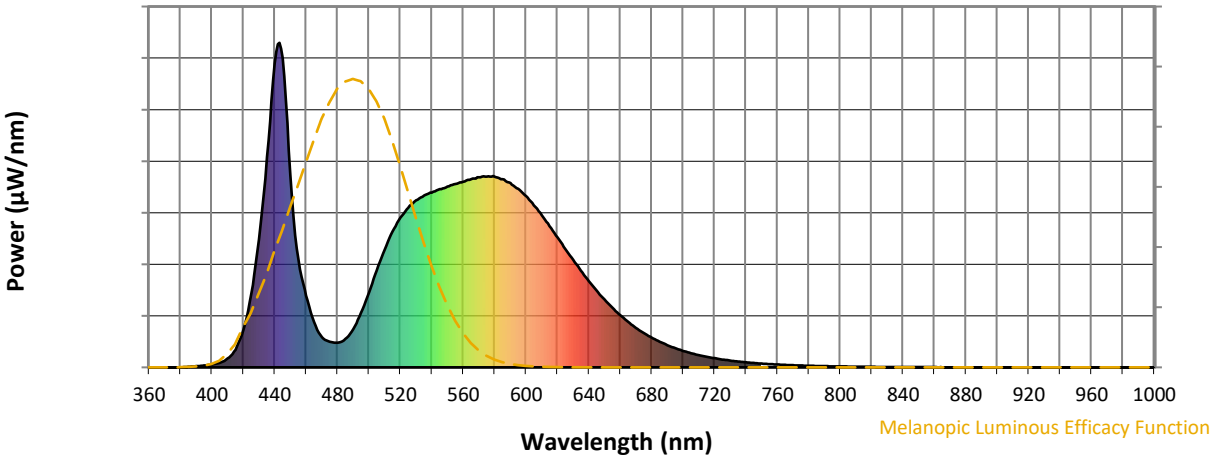


Scotopic Lumens: NR **S/P: 1.7**

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			

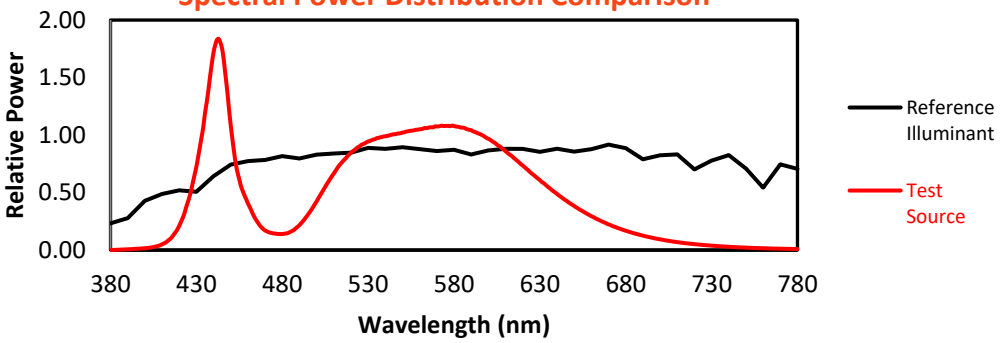
REPORT NUMBER: SP1-2407-184-6

TM-30-18

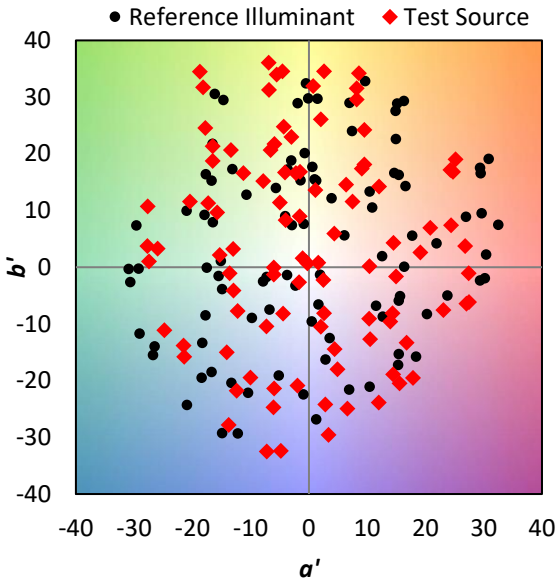
Summary

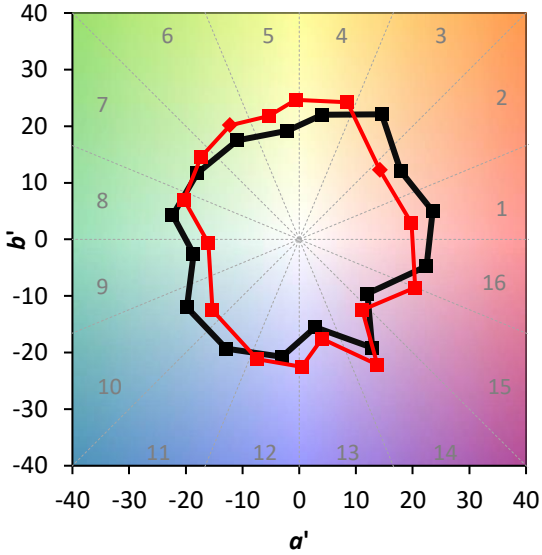
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R_g = 96.8
CIE R_a = 70.2
R_9 = -35.1

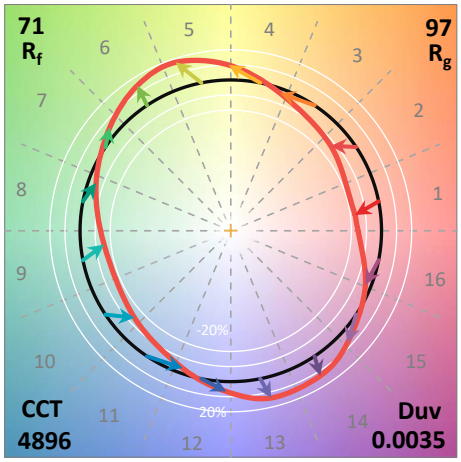
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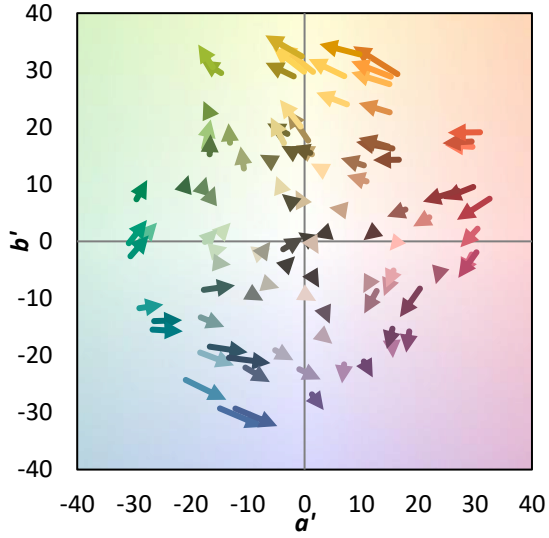


Color Vector Graphics







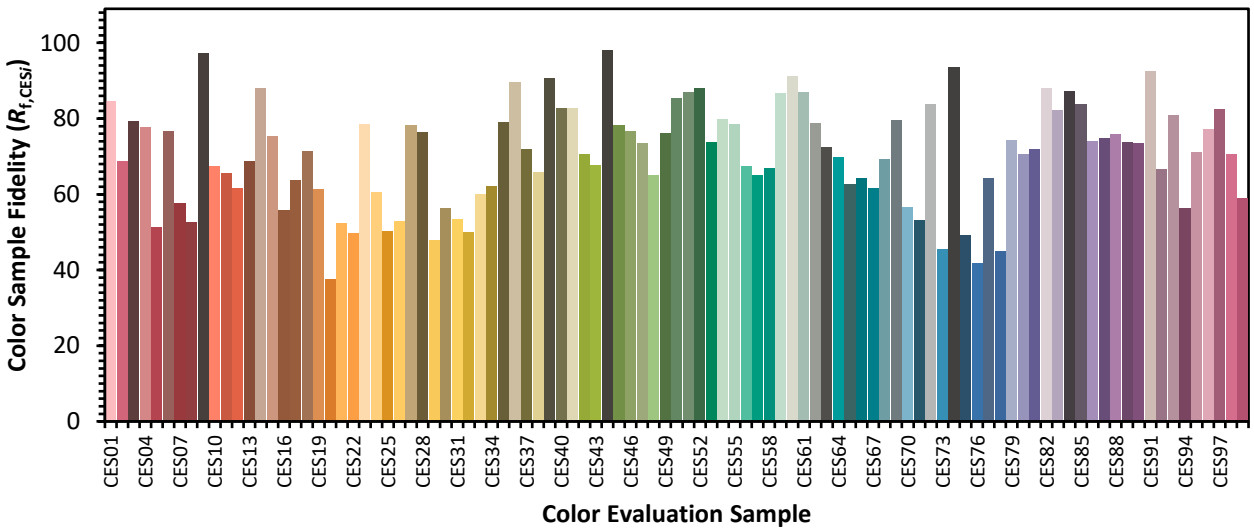


REPORT NUMBER: SP1-2407-184-6

TM-30-18

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

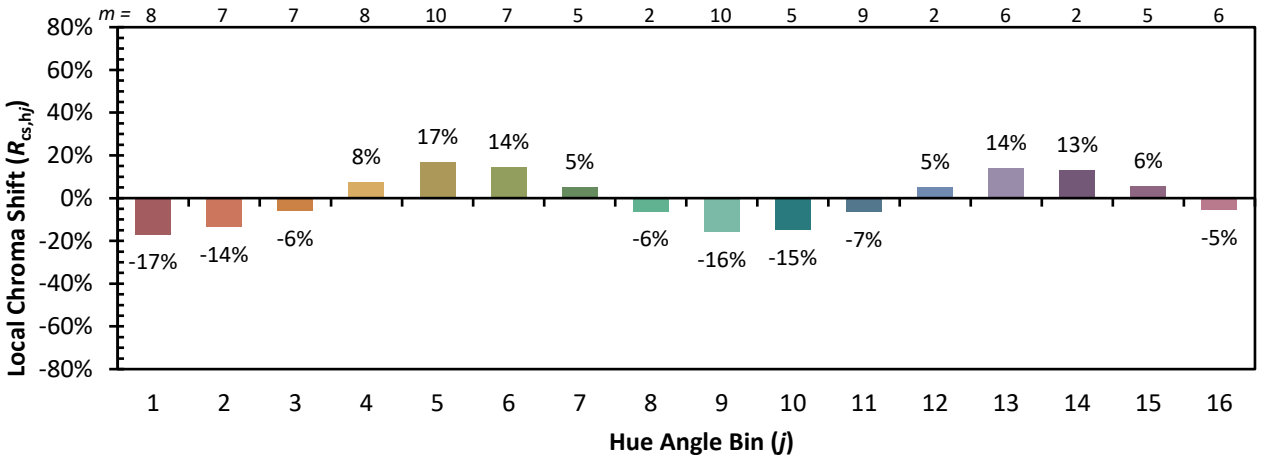
CES01 = 85	CES26 = 53	CES51 = 87	CES76 = 42
CES02 = 59	CES27 = 78	CES52 = 88	CES77 = 64
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 45
CES04 = 69	CES29 = 48	CES54 = 80	CES79 = 74
CES05 = 46	CES30 = 56	CES55 = 79	CES80 = 71
CES06 = 50	CES31 = 54	CES56 = 68	CES81 = 72
CES07 = 39	CES32 = 50	CES57 = 65	CES82 = 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
CES23 = 91	CES48 = 65	CES73 = 46	CES98 = 71
CES24 = 90	CES49 = 76	CES74 = 94	CES99 = 59
CES25 = 71	CES50 = 85	CES75 = 49	

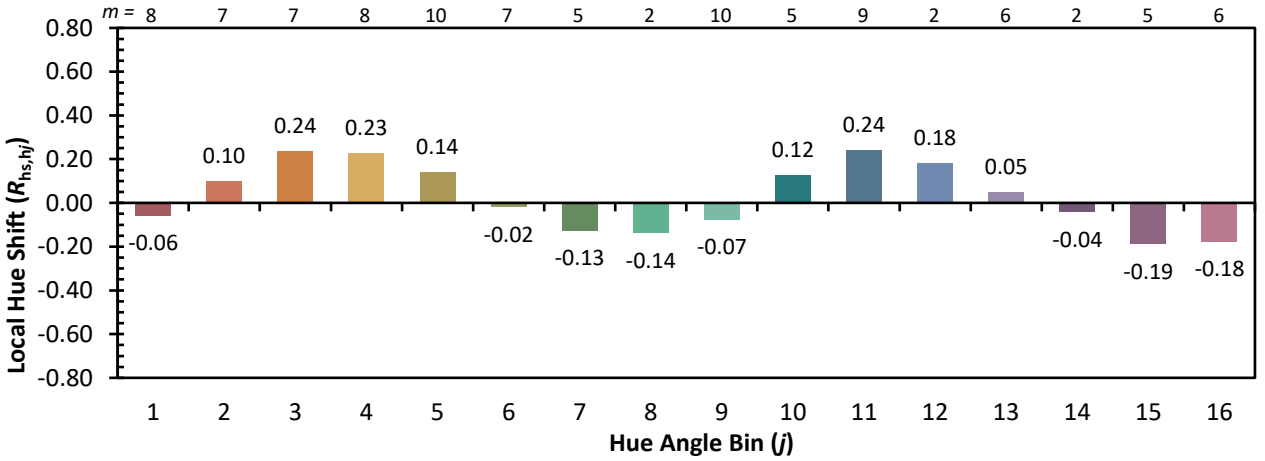


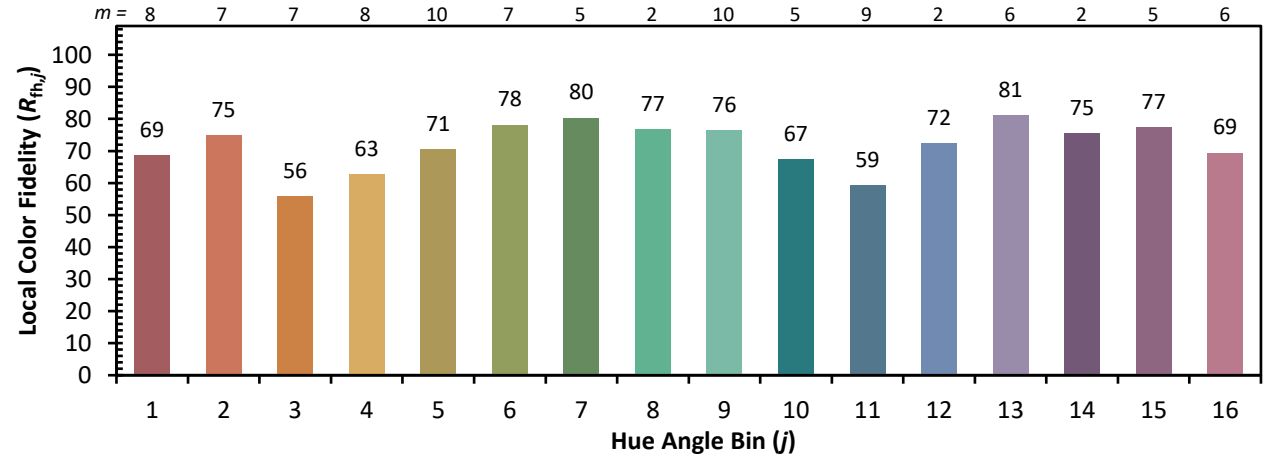
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Color Rendition by Hue-Angle Bin



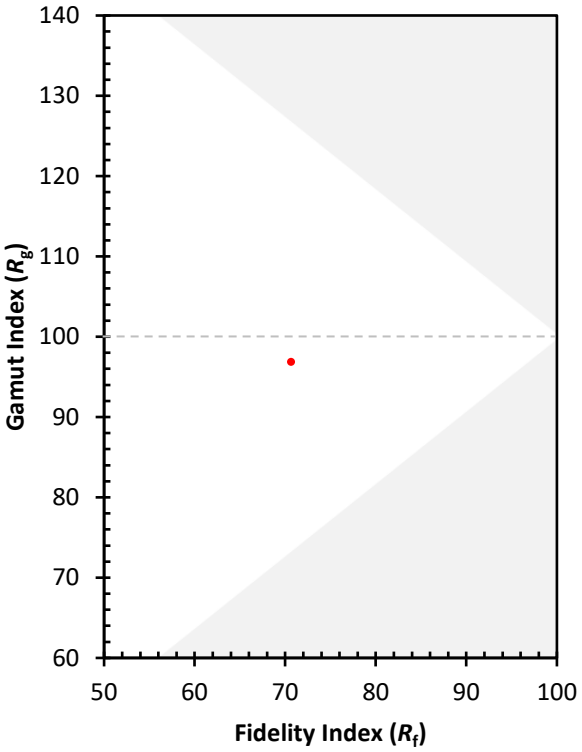


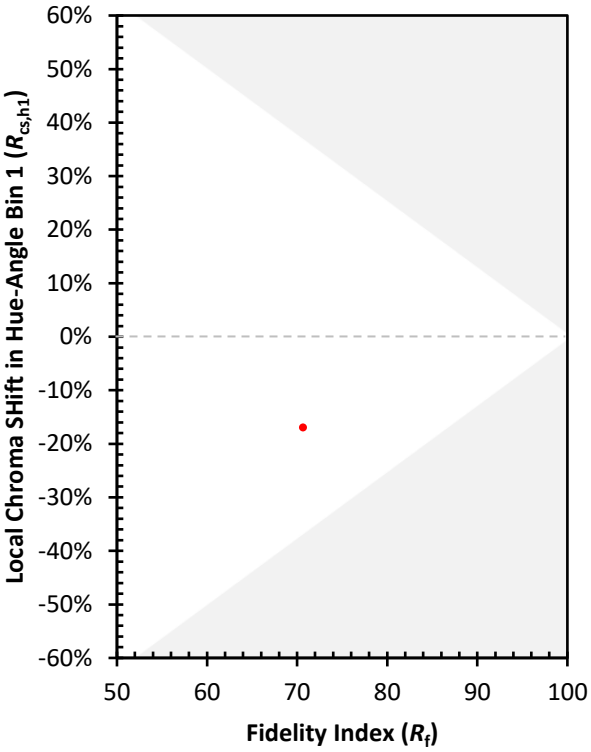


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Measure Comparisons





(END OF REPORT)