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: P1365305

Luminaire Tested: **GSS-SB3C-722-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:	P1365305
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB3C-722-U-SLL-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 3SQUARE 150W 70CRI 2200K FIXTURE w/ 90° Spill Light Eliminator LETT OPTIC OPTIC AND HOUSE SIDE SHIELD
Light Source:	(78) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	13005.1 lumens
Efficiency:	N/A
Efficacy:	86.7 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

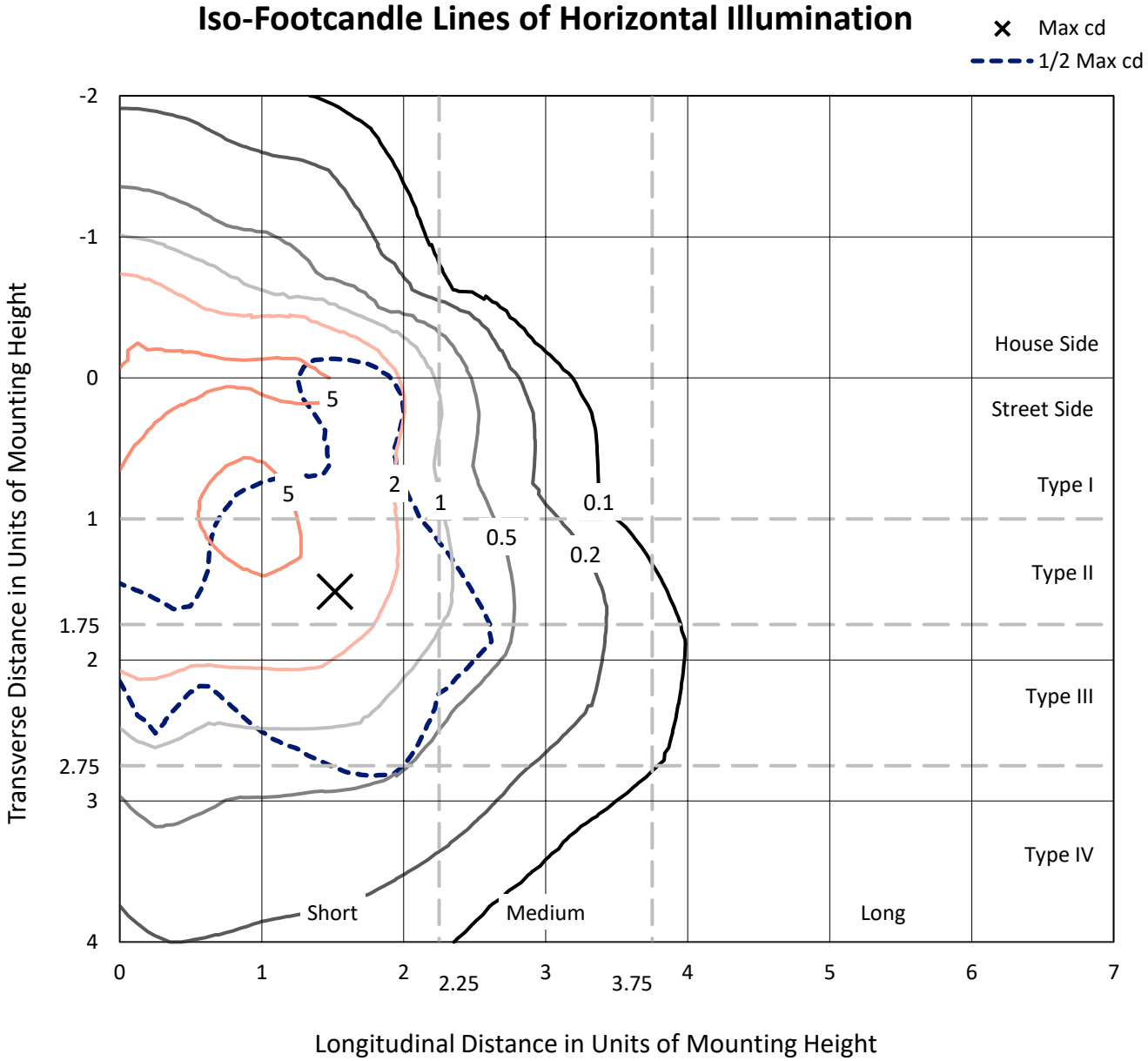
Input Watts (W):	150
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	6.3%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination



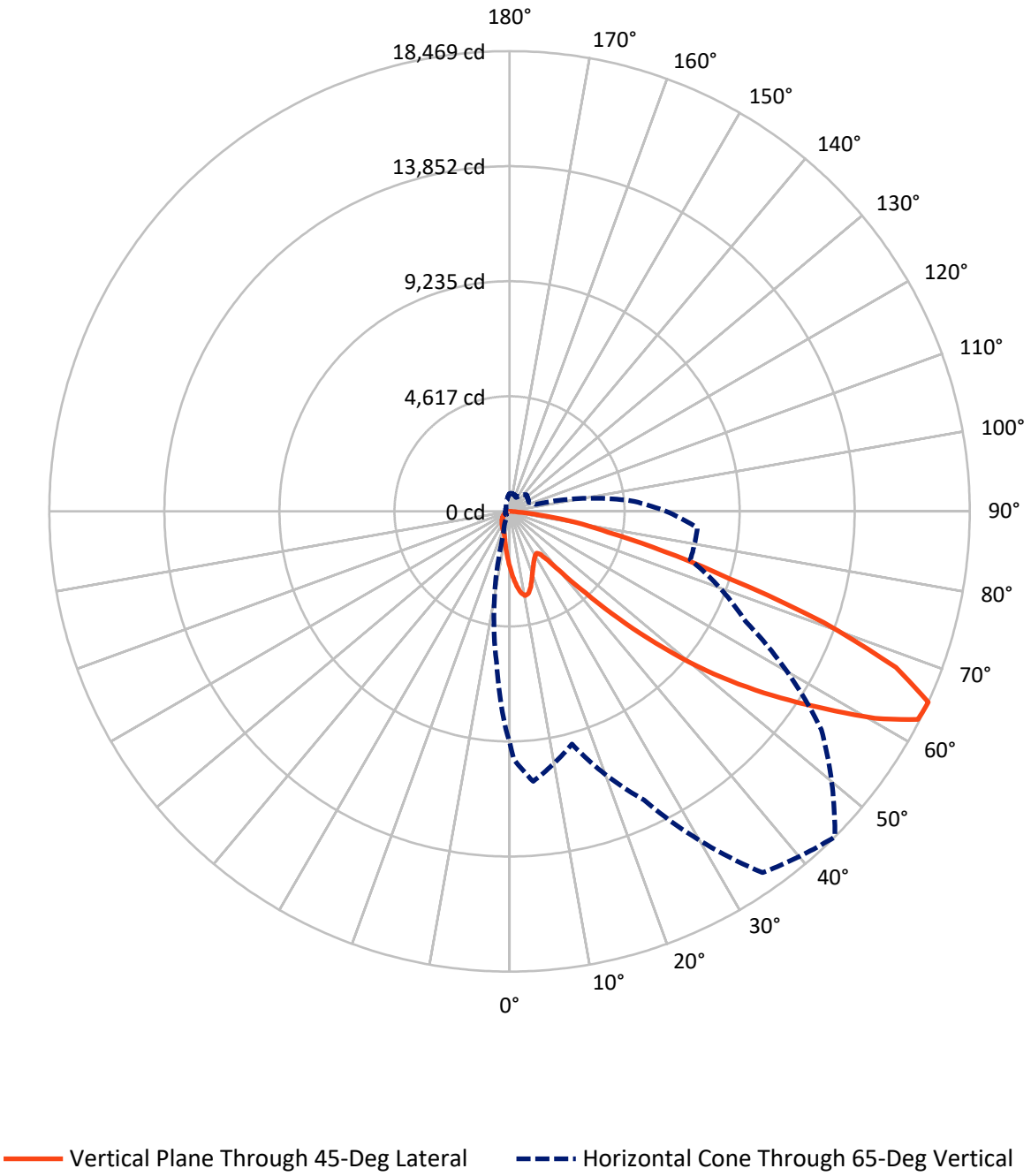
Based on 20 foot mounting height. Maximum calculated value = 8.2 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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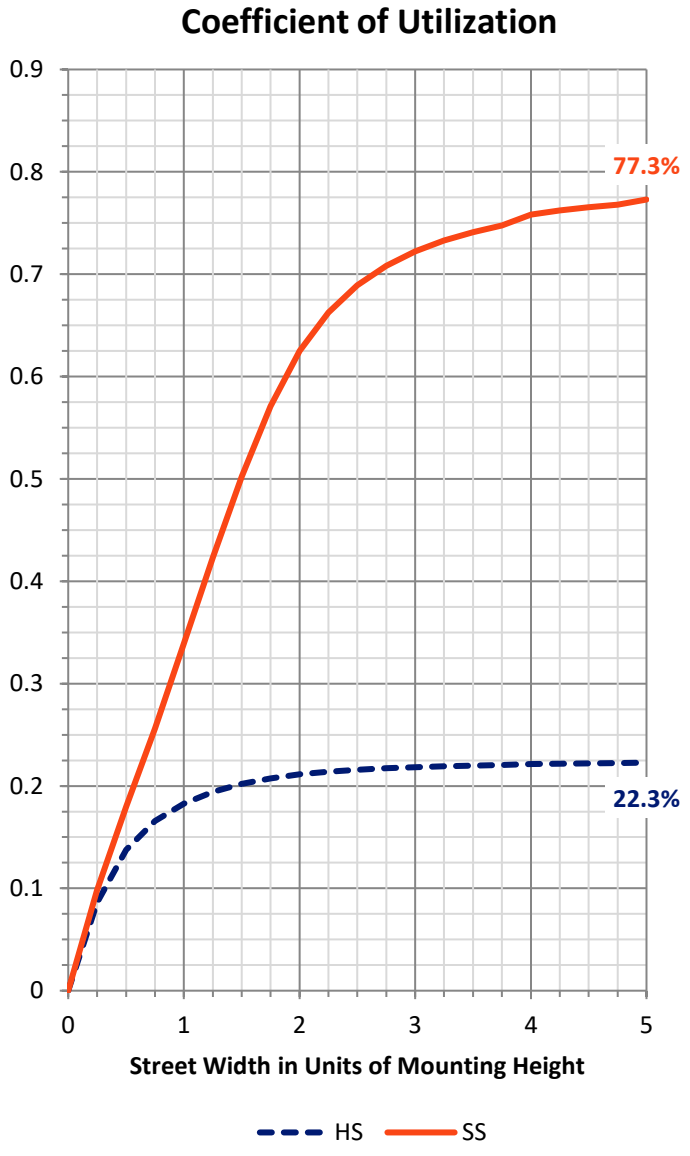
REPORT NUMBER: P1365305
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2925.5	0.0	2925.5
	% Fixture	22.5	0.0	22.5
Street Side	Lumens	10079.6	0.0	10079.6
	% Fixture	77.5	0.0	77.5
Total	Lumens	13005.1	0.0	13005.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	215.9	1.7
10°-20°	597.2	4.6
20°-30°	855.4	6.6
30°-40°	1073.0	8.3
40°-50°	1762.5	13.6
50°-60°	3182.3	24.5
60°-70°	3532.9	27.2
70°-80°	1596.9	12.3
80°-90°	189.0	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°	13005.1	100.0
0°-180°	13005.1	100.0



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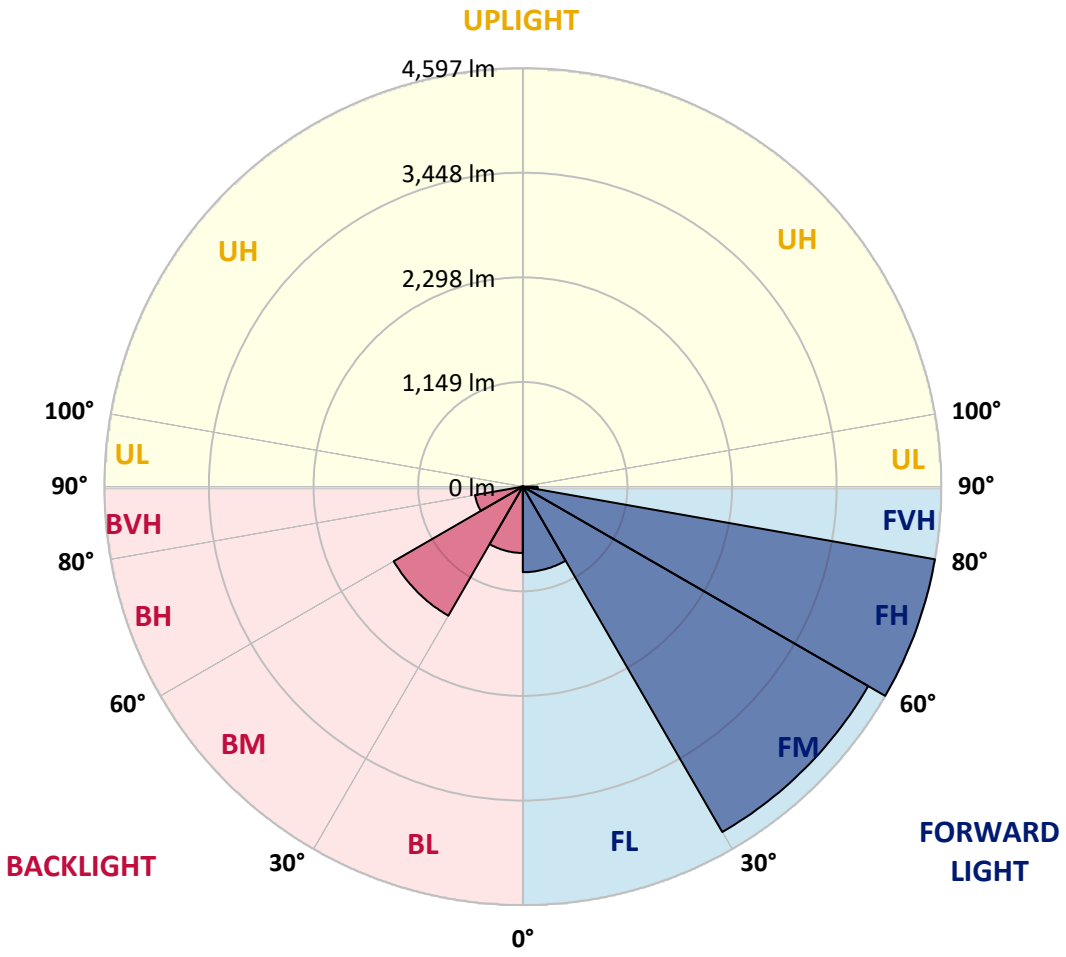
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	939.5	7.2			
FM	(30°-60°)	4380.9	33.7			
FH	(60°-80°)	4596.9	35.3			G2/5000
FVH	(80°-90°)	162.3	1.2			G2/225
BL	(0°-30°)	729.0	5.6	B2/1000		
BM	(30°-60°)	1636.8	12.6	B2/2500		
BH	(60°-80°)	532.9	4.1	B2/1000		G2/1000
BVH	(80°-90°)	26.7	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°	2246.8	2246.8	2246.8	2246.8	2246.8	2246.8	2246.8	2246.8	2246.8	2246.8	2246.8
2.5°	2474.3	2506.2	2502.2	2546.1	2586.0	2613.9	2637.9	2629.9	2609.9	2570.0	2542.1
5°	2733.7	2757.6	2797.5	2881.3	2945.2	3001.0	2993.1	3001.0	2941.2	2881.3	2809.5
7.5°	2957.1	2985.1	3040.9	3160.7	3240.5	3308.3	3300.3	3276.4	3208.6	3108.8	3001.0
10°	3096.8	3116.8	3176.6	3312.3	3404.1	3460.0	3440.0	3400.1	3312.3	3212.5	3084.8
12.5°	3156.7	3180.6	3232.5	3340.3	3400.1	3388.1	3380.2	3372.2	3328.3	3252.5	3136.7
15°	3164.7	3180.6	3220.5	3268.4	3244.5	3176.6	3160.7	3220.5	3276.4	3260.4	3164.7
17.5°	3164.7	3188.6	3196.6	3148.7	3025.0	2901.3	2885.3	2985.1	3140.7	3264.4	3208.6
20°	3176.6	3188.6	3172.6	3017.0	2785.5	2649.9	2621.9	2745.6	2977.1	3220.5	3252.5
22.5°	3192.6	3204.6	3136.7	2861.4	2590.0	2446.3	2430.4	2522.1	2793.5	3156.7	3300.3
25°	3224.5	3216.5	3112.8	2725.7	2418.4	2282.7	2258.8	2378.5	2641.9	3092.8	3380.2
27.5°	3264.4	3228.5	3080.9	2613.9	2294.7	2151.0	2135.0	2250.8	2514.2	3013.0	3448.0
30°	3316.3	3280.4	3076.9	2526.1	2202.9	2059.2	2039.3	2167.0	2426.4	2957.1	3543.8
32.5°	3388.1	3336.3	3080.9	2458.3	2151.0	2015.3	2003.4	2139.0	2390.5	2925.2	3643.5
35°	3483.9	3408.1	3096.8	2434.4	2167.0	2075.2	2103.1	2206.9	2426.4	2949.2	3807.2
37.5°	3603.6	3531.8	3176.6	2486.2	2342.6	2406.4	2478.3	2518.2	2598.0	3060.9	4070.6
40°	3803.2	3703.4	3296.4	2653.8	2813.5	3112.8	3252.5	3236.5	3052.9	3316.3	4441.7
42.5°	4082.5	3990.7	3539.8	3080.9	3599.6	4234.2	4469.6	4333.9	3779.2	3723.4	5052.3
45°	4509.5	4357.9	3867.0	3715.4	4549.4	5591.0	6121.8	5654.9	4701.1	4365.9	5922.3
47.5°	5056.3	4904.6	4377.8	4349.9	5611.0	7267.1	7897.7	6979.8	5615.0	5207.9	6963.8
50°	5934.2	5766.6	5128.1	4996.4	6784.3	8939.3	9781.3	8300.7	6544.8	6101.8	8248.9
52.5°	7139.4	7027.7	6317.3	5662.9	7833.8	10783.0	11509.3	9681.5	7263.2	7123.5	9649.6
55°	8819.5	8711.8	7865.8	6405.1	8827.5	12630.7	13217.3	10938.6	7889.7	8320.7	11114.2
57.5°	10723.1	10902.7	9984.8	7394.8	9873.1	14119.2	14937.3	12080.0	8735.7	9921.0	12742.4
60°	11964.2	12530.9	12415.2	9122.8	11497.3	15971.0	16860.9	13608.4	9972.9	11098.3	12706.5
62.5°	10886.7	11453.4	12339.4	11126.2	13061.7	17647.1	18397.3	15216.7	11202.0	10160.4	10671.2
65°	9238.6	9944.9	10878.8	9665.6	12786.3	17698.9	18469.2	15276.6	10451.8	7510.6	7566.4
67.5°	7961.5	8588.1	9737.4	8224.9	11333.7	16118.6	16725.2	13628.4	8640.0	4980.4	4936.5
70°	6644.6	7219.3	8671.9	7323.0	9929.0	13891.8	13369.0	11457.4	7303.1	3308.3	2741.6
72.5°	5662.9	6193.6	7706.1	6580.7	7877.7	11257.9	9214.6	9505.9	5942.2	2103.1	1867.7
75°	4685.1	5172.0	6552.8	5958.2	6516.9	7023.7	6369.2	6752.3	4896.6	1783.9	1440.7
77.5°	3288.4	3591.7	4597.3	4741.0	5072.2	4158.4	4038.6	4729.0	3483.9	885.9	606.6
80°	1620.2	1807.8	2398.4	2821.5	2398.4	2358.5	2689.8	3148.7	1807.8	542.7	335.2
82.5°	726.3	862.0	1105.4	1708.0	866.0	941.8	1189.2	1676.1	822.1	323.3	143.7
85°	115.7	127.7	215.5	287.3	235.5	363.2	347.2	327.2	175.6	87.8	39.9
87.5°	4.0	4.0	4.0	8.0	12.0	16.0	20.0	20.0	20.0	20.0	20.0
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2246.8	2246.8	2246.8	2246.8	2246.8	2246.8	2246.8	2246.8	2246.8	2246.8	2246.8
2.5°	2534.1	2522.1	2462.3	2402.4	2350.5	2298.7	2246.8	2175.0	2119.1	2071.2	2051.2
5°	2773.6	2709.7	2617.9	2518.2	2430.4	2330.6	2234.8	2127.1	2039.3	1947.5	1899.6
7.5°	2937.2	2873.3	2721.7	2570.0	2462.3	2354.5	2254.8	2135.0	2019.3	1887.6	1815.8
10°	3013.0	2941.2	2777.6	2602.0	2470.3	2362.5	2270.7	2171.0	2055.2	1891.6	1795.8
12.5°	3064.9	2977.1	2789.5	2609.9	2478.3	2366.5	2278.7	2206.9	2139.0	1979.4	1867.7
15°	3096.8	3017.0	2821.5	2613.9	2466.3	2334.6	2250.8	2226.8	2238.8	2163.0	2027.3
17.5°	3144.7	3068.9	2861.4	2637.9	2446.3	2266.7	2175.0	2226.8	2334.6	2358.5	2250.8
20°	3208.6	3128.7	2913.2	2657.8	2386.5	2139.0	2051.2	2182.9	2362.5	2486.2	2426.4
22.5°	3280.4	3216.5	2973.1	2677.8	2298.7	1971.4	1931.5	2091.1	2282.7	2442.3	2446.3
25°	3368.2	3308.3	3056.9	2697.7	2178.9	1827.8	1835.7	1971.4	2123.1	2286.7	2314.6
27.5°	3487.9	3432.0	3160.7	2721.7	2055.2	1712.0	1751.9	1851.7	1955.5	2055.2	2095.1
30°	3619.6	3575.7	3284.4	2769.6	1939.5	1644.2	1668.1	1736.0	1819.8	1879.6	1899.6
32.5°	3799.2	3727.4	3400.1	2765.6	1851.7	1612.3	1588.3	1608.3	1676.1	1736.0	1740.0
35°	4022.7	3966.8	3519.8	2693.8	1771.9	1596.3	1512.5	1500.5	1540.4	1600.3	1596.3
37.5°	4349.9	4302.0	3715.4	2582.0	1672.1	1556.4	1432.7	1392.8	1420.7	1460.6	1472.6
40°	4840.8	4717.1	3938.9	2458.3	1572.4	1484.6	1336.9	1281.0	1301.0	1344.9	1352.9
42.5°	5507.2	5271.8	4238.2	2290.7	1476.6	1376.8	1241.1	1181.3	1193.2	1233.1	1241.1
45°	6361.2	6006.1	4649.2	2115.1	1400.8	1265.1	1141.4	1077.5	1089.5	1133.4	1153.3
47.5°	7358.9	6872.1	5080.2	1927.5	1356.9	1177.3	1041.6	993.7	1021.6	1065.5	1073.5
50°	8536.2	8045.3	5355.6	1775.9	1328.9	1109.4	949.8	929.8	965.8	1001.7	1009.7
52.5°	9821.2	9122.8	5180.0	1652.2	1305.0	1085.5	885.9	893.9	921.9	957.8	969.8
55°	11070.3	9517.9	4597.3	1492.5	1277.0	1101.4	838.1	858.0	893.9	921.9	929.8
57.5°	11884.4	9186.7	3703.4	1324.9	1245.1	1113.4	814.1	830.1	870.0	901.9	905.9
60°	11174.1	8460.4	2773.6	1181.3	1177.3	1093.5	806.1	782.2	838.1	866.0	870.0
62.5°	9154.8	6919.9	1771.9	1045.6	1049.6	1049.6	802.1	702.4	774.2	798.1	794.2
65°	*6289.4*	*4892.7*	*1097.5*	*854.0*	*893.9*	*953.8*	*778.2*	*618.6*	*702.4*	*726.3*	*718.3*
67.5°	4134.4	3108.8	678.4	658.5	734.3	826.1	730.3	554.7	630.5	646.5	622.6
70°	2242.8	1464.6	447.0	431.0	574.7	650.5	618.6	498.8	562.7	578.7	554.7
72.5°	1480.6	842.0	315.3	315.3	451.0	454.9	506.8	447.0	498.8	514.8	490.9
75°	1113.4	542.7	219.5	243.4	287.3	355.2	363.2	375.1	423.0	443.0	419.0
77.5°	510.8	199.5	131.7	179.6	199.5	271.4	231.5	279.4	315.3	323.3	303.3
80°	295.3	111.7	87.8	115.7	127.7	223.5	135.7	167.6	223.5	235.5	211.5
82.5°	123.7	55.9	59.9	71.8	75.8	123.7	95.8	107.8	147.7	143.7	127.7
85°	35.9	35.9	39.9	43.9	43.9	71.8	67.8	63.9	67.8	67.8	55.9
87.5°	23.9	23.9	23.9	27.9	27.9	31.9	35.9	39.9	39.9	39.9	35.9
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	2246.8	2246.8	2246.8	2246.8	2246.8	2246.8	2246.8	2246.8	2246.8	2246.8	2246.8
2.5°	2023.3	1987.4	1935.5	1927.5	1899.6	1879.6	1899.6	1919.5	1955.5	1959.5	1975.4
5°	1855.7	1771.9	1708.0	1636.2	1600.3	1596.3	1588.3	1612.3	1664.1	1696.1	1720.0
7.5°	1744.0	1592.3	1480.6	1380.8	1344.9	1316.9	1340.9	1336.9	1404.7	1432.7	1456.6
10°	1684.1	1472.6	1305.0	1181.3	1133.4	1105.4	1101.4	1109.4	1149.3	1177.3	1205.2
12.5°	1724.0	1424.7	1177.3	1033.6	981.7	949.8	921.9	921.9	929.8	965.8	977.7
15°	1855.7	1452.6	1117.4	961.8	893.9	842.0	806.1	778.2	782.2	786.2	798.1
17.5°	2047.3	1524.5	1097.5	917.9	846.0	782.2	746.3	714.3	706.4	706.4	702.4
20°	2230.8	1580.3	1081.5	882.0	790.2	734.3	702.4	674.4	662.5	662.5	662.5
22.5°	2306.6	1628.2	1061.5	838.1	734.3	682.4	654.5	634.5	630.5	630.5	626.5
25°	2246.8	1612.3	1037.6	794.2	682.4	642.5	618.6	598.6	594.6	598.6	594.6
27.5°	2059.2	1556.4	1005.7	758.2	642.5	606.6	586.6	566.7	562.7	566.7	566.7
30°	1859.7	1460.6	953.8	730.3	610.6	570.7	550.7	530.8	530.8	534.8	538.8
32.5°	1700.1	1364.8	893.9	694.4	574.7	538.8	518.8	498.8	498.8	506.8	506.8
35°	1564.4	1289.0	834.1	658.5	542.7	502.8	486.9	470.9	466.9	474.9	478.9
37.5°	1456.6	1221.2	770.2	622.6	510.8	474.9	458.9	439.0	435.0	443.0	451.0
40°	1344.9	1145.3	714.3	578.7	478.9	443.0	427.0	403.1	403.1	411.0	419.0
42.5°	1237.1	1077.5	678.4	538.8	447.0	407.1	391.1	371.1	371.1	379.1	387.1
45°	1149.3	1013.6	658.5	498.8	411.0	375.1	355.2	339.2	343.2	351.2	359.2
47.5°	1065.5	945.8	662.5	478.9	387.1	339.2	319.3	307.3	315.3	327.2	335.2
50°	1001.7	897.9	666.5	447.0	355.2	311.3	291.3	283.3	295.3	307.3	315.3
52.5°	961.8	850.0	642.5	407.1	331.2	283.3	271.4	271.4	283.3	291.3	299.3
55°	921.9	770.2	590.6	363.2	307.3	263.4	255.4	255.4	267.4	275.4	279.4
57.5°	889.9	686.4	530.8	327.2	279.4	243.4	243.4	243.4	247.4	251.4	259.4
60°	830.1	598.6	454.9	299.3	251.4	227.5	223.5	223.5	219.5	223.5	235.5
62.5°	726.3	502.8	387.1	267.4	227.5	207.5	203.5	191.6	179.6	183.6	191.6
65°	*614.6*	*399.1*	*323.3*	*231.5*	*195.5*	*183.6*	*179.6*	*159.6*	*143.7*	*147.7*	*159.6*
67.5°	490.9	299.3	271.4	199.5	167.6	155.6	155.6	143.7	131.7	131.7	139.7
70°	383.1	251.4	203.5	159.6	131.7	131.7	139.7	127.7	111.7	111.7	123.7
72.5°	311.3	203.5	163.6	123.7	103.8	111.7	115.7	103.8	91.8	91.8	99.8
75°	243.4	159.6	127.7	91.8	79.8	83.8	91.8	83.8	71.8	75.8	79.8
77.5°	167.6	107.8	83.8	67.8	59.9	63.9	63.9	59.9	55.9	55.9	59.9
80°	111.7	71.8	55.9	47.9	43.9	43.9	39.9	39.9	43.9	43.9	47.9
82.5°	79.8	51.9	43.9	35.9	27.9	27.9	31.9	31.9	35.9	35.9	39.9
85°	47.9	35.9	31.9	23.9	20.0	23.9	23.9	27.9	31.9	31.9	35.9
87.5°	35.9	27.9	23.9	20.0	16.0	16.0	20.0	20.0	23.9	27.9	27.9
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: P1365305
CATALOG NUMBER: GSS-SB3C-722-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	2246.8	2246.8	2246.8	2246.8	2246.8	2246.8	2246.8	2246.8	2246.8	2246.8
2.5°	2015.3	2063.2	2131.1	2190.9	2262.8	2334.6	2402.4	2466.3	2470.3	2474.3
5°	1795.8	1891.6	2003.4	2139.0	2282.7	2422.4	2570.0	2689.8	2717.7	2733.7
7.5°	1552.4	1692.1	1863.7	2055.2	2270.7	2486.2	2693.8	2873.3	2941.2	2957.1
10°	1297.0	1468.6	1676.1	1923.5	2214.9	2502.2	2781.5	3001.0	3080.9	3096.8
12.5°	1069.5	1209.2	1448.6	1747.9	2099.1	2478.3	2813.5	3056.9	3136.7	3156.7
15°	874.0	1005.7	1229.1	1544.4	1939.5	2394.4	2789.5	3068.9	3148.7	3164.7
17.5°	722.3	806.1	1009.7	1352.9	1795.8	2286.7	2757.6	3076.9	3152.7	3164.7
20°	662.5	678.4	786.2	1121.4	1644.2	2206.9	2737.6	3088.8	3164.7	3176.6
22.5°	634.5	634.5	658.5	854.0	1432.7	2123.1	2729.7	3124.8	3180.6	3192.6
25°	606.6	606.6	614.6	670.4	1181.3	2019.3	2745.6	3188.6	3224.5	3224.5
27.5°	578.7	578.7	586.6	598.6	878.0	1847.7	2749.6	3260.4	3276.4	3264.4
30°	550.7	558.7	558.7	566.7	646.5	1632.2	2725.7	3340.3	3340.3	3316.3
32.5°	522.8	526.8	534.8	538.8	562.7	1352.9	2685.8	3440.0	3420.1	3388.1
35°	498.8	502.8	502.8	510.8	534.8	1081.5	2641.9	3575.7	3519.8	3483.9
37.5°	466.9	470.9	474.9	482.9	506.8	858.0	2578.0	3691.4	3651.5	3603.6
40°	439.0	443.0	447.0	454.9	478.9	738.3	2498.2	3867.0	3859.0	3803.2
42.5°	407.1	415.0	419.0	423.0	454.9	674.4	2442.3	4150.4	4150.4	4082.5
45°	379.1	387.1	387.1	395.1	439.0	618.6	2566.0	4541.5	4573.4	4509.5
47.5°	355.2	359.2	359.2	363.2	415.0	570.7	2897.3	5140.1	5100.2	5056.3
50°	331.2	339.2	331.2	335.2	395.1	598.6	3444.0	5906.3	6010.1	5934.2
52.5°	315.3	319.3	303.3	303.3	367.1	634.5	3891.0	6884.0	7231.2	7139.4
55°	295.3	299.3	279.4	279.4	323.3	550.7	3918.9	7997.4	8759.7	8819.5
57.5°	275.4	275.4	259.4	255.4	279.4	447.0	3475.9	8859.4	10587.4	10723.1
60°	251.4	247.4	239.4	231.5	255.4	411.0	2649.9	8743.7	11493.3	11964.2
62.5°	215.5	223.5	219.5	203.5	231.5	383.1	1728.0	7566.4	10471.7	10886.7
65°	*179.6*	*191.6*	*191.6*	*179.6*	*255.4*	*335.2*	*909.9*	*6057.9*	*8739.7*	*9238.6*
67.5°	159.6	167.6	163.6	155.6	227.5	211.5	439.0	4645.2	7482.6	7961.5
70°	139.7	147.7	135.7	127.7	183.6	151.6	259.4	3108.8	6177.7	6644.6
72.5°	115.7	123.7	111.7	99.8	135.7	115.7	171.6	2023.3	5144.1	5662.9
75°	95.8	99.8	91.8	79.8	99.8	91.8	119.7	1320.9	4302.0	4685.1
77.5°	67.8	75.8	71.8	59.9	71.8	63.9	83.8	754.3	3001.0	3288.4
80°	51.9	51.9	51.9	47.9	43.9	43.9	55.9	339.2	1456.6	1620.2
82.5°	43.9	43.9	39.9	35.9	31.9	27.9	31.9	99.8	686.4	726.3
85°	39.9	31.9	27.9	23.9	20.0	12.0	12.0	27.9	139.7	115.7
87.5°	23.9	20.0	16.0	8.0	4.0	4.0	0.0	4.0	4.0	4.0
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: SP1-2407-184-2

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-722-U-5WQ

Data in this report applies to families of products including GSS-SB1A-722-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

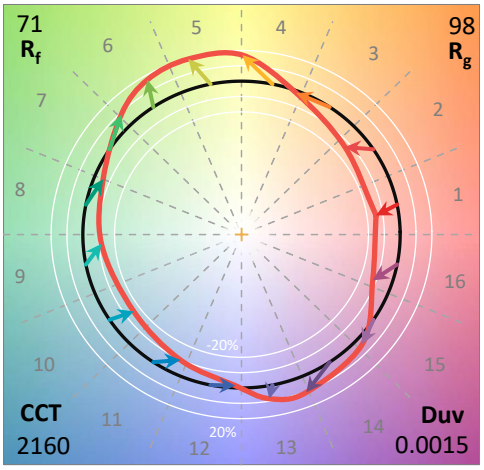
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-2
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-722-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 2200K CCT 26 LEDS

Spectral Parameters

CCT (K):	2160
CIE u':	0.2927
CIE v':	0.5388
Duv:	0.0015
CIE x:	0.5130
CIE y:	0.4197
CIE z:	0.0674
Peak Wavelength (nm):	609
Dominant Wavelength (nm):	587
Purity:	79.96089
Rf:	70.6
Rg:	97.6

CRI (Ra):	71.9
R1:	68.7
R2:	82.6
R3:	95.5
R4:	66.4
R5:	65.4
R6:	75.9
R7:	77.2
R8:	43.5
R9:	-17.8
R10:	60.5
R11:	60.2
R12:	48.2
R13:	70.7
R14:	96.8
R15:	61.8



Test Conditions

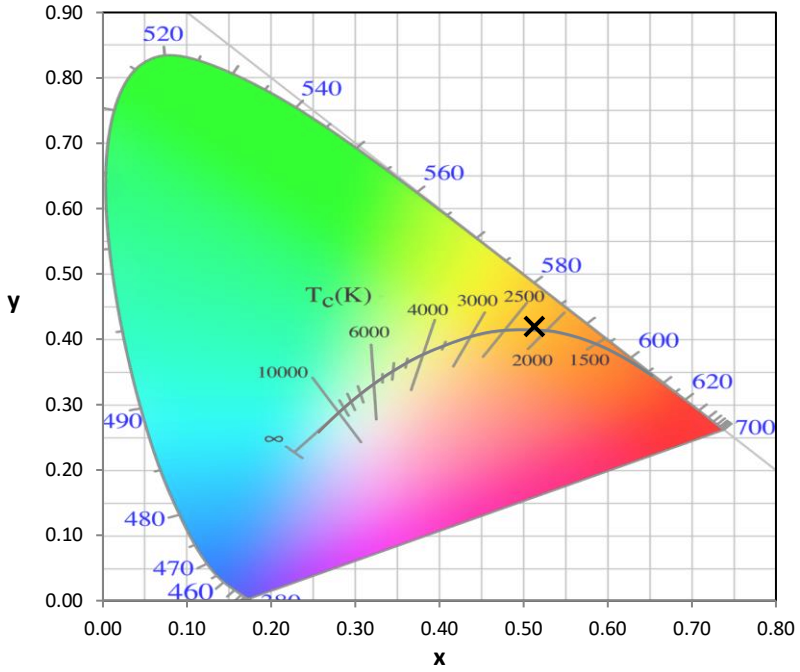
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-2

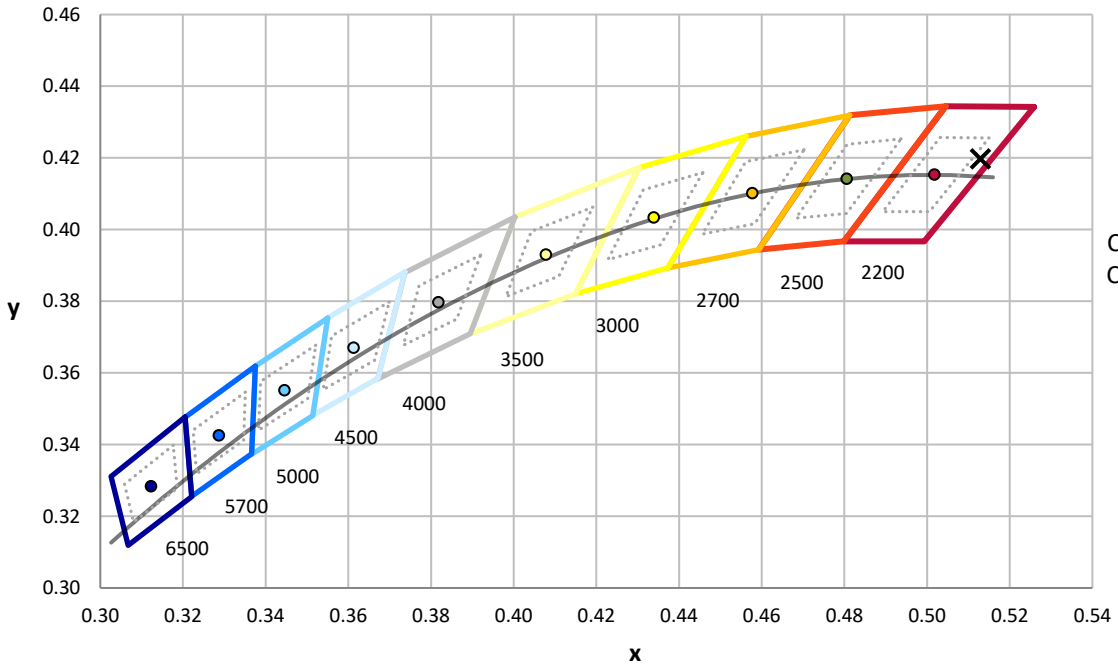
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-2

CIE 1931 Chromaticity Diagram



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

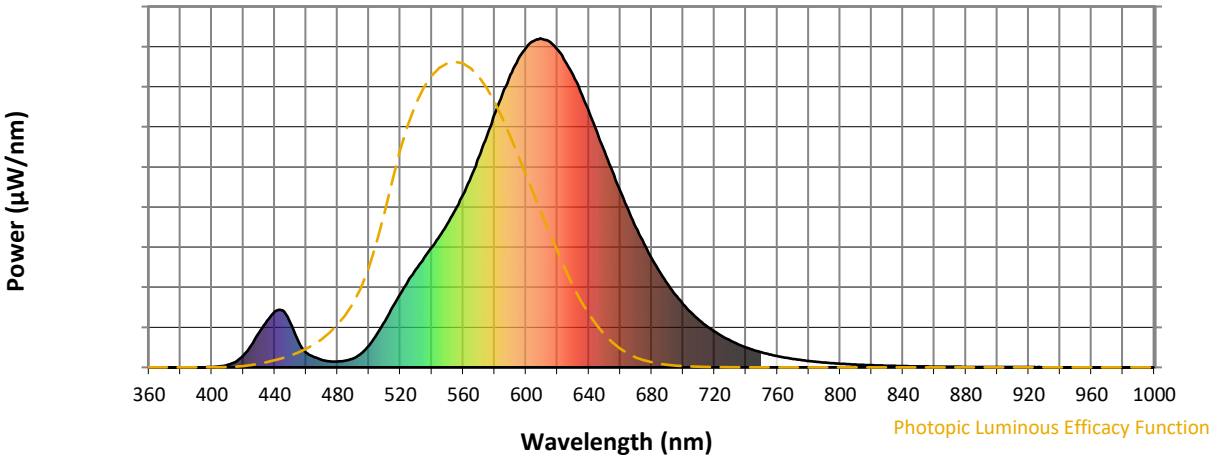


CCT = 2160K
CIE x = 0.5130
CIE y = 0.4197
Duv = 0.0015

Point lies inside the ANSI 2200K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-2

Photopic Flux vs. Wavelength

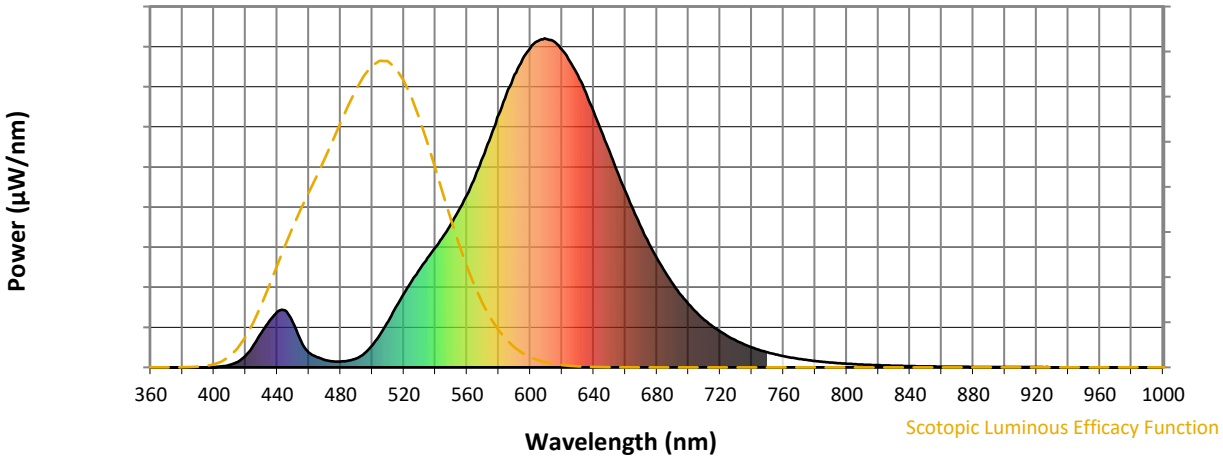


Photopic Lumens: NR

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-2

Scotopic Flux vs. Wavelength

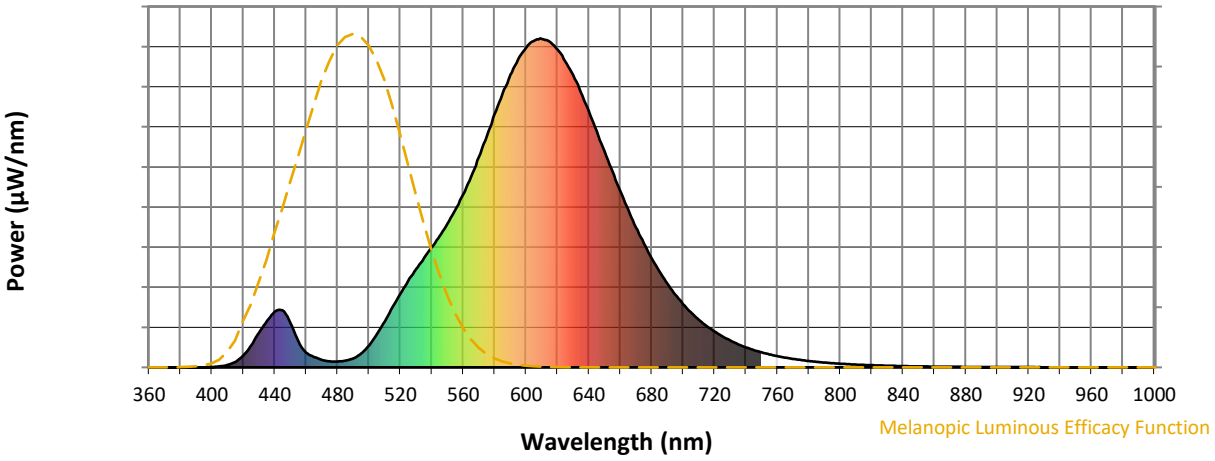


Scotopic Lumens: NR **S/P: 0.8**

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-2

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 1.21**

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

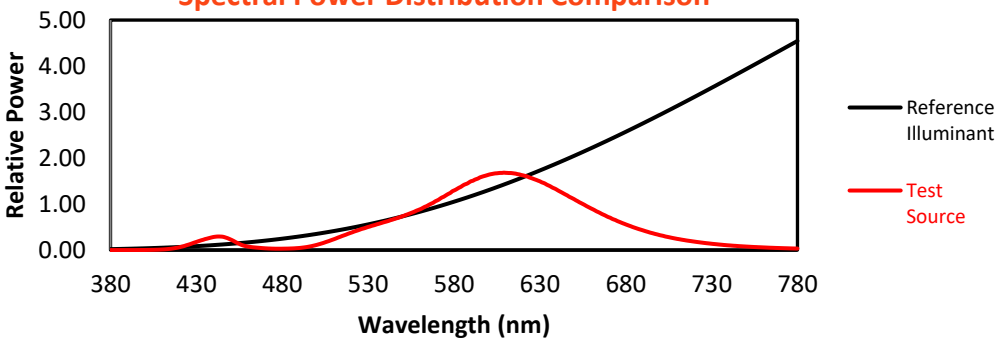
REPORT NUMBER: SP1-2407-184-2

TM-30-18

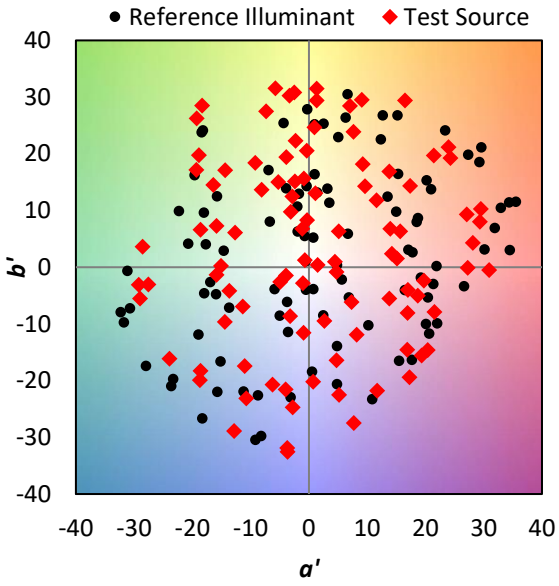
Summary

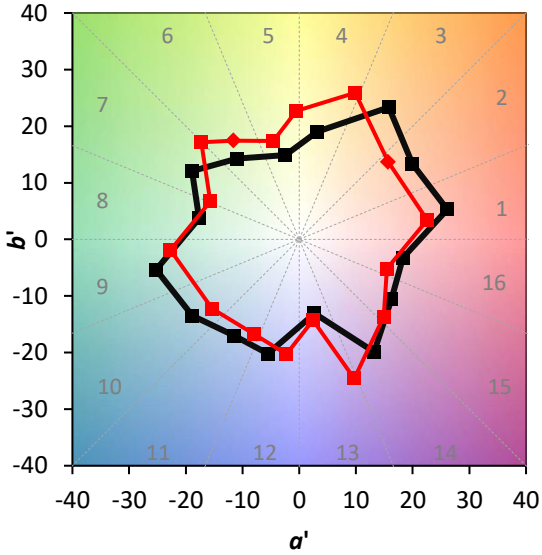
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R_g = 97.6
CIE R_a = 71.9
R_9 = -17.8

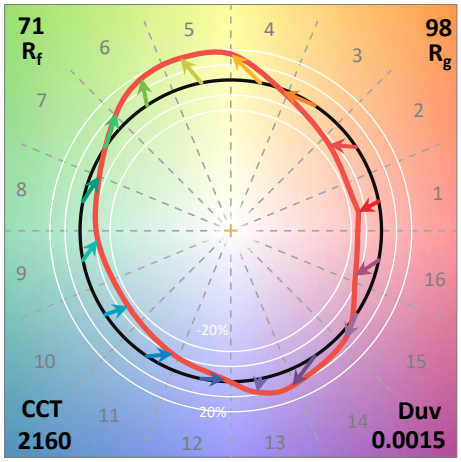
Spectral Power Distribution Comparison

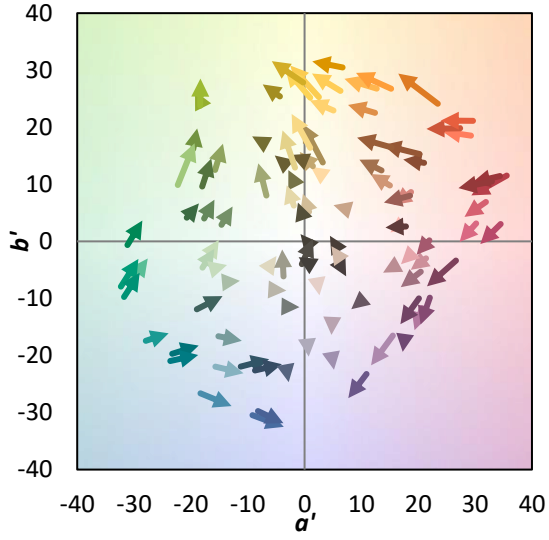


Color Vector Graphics







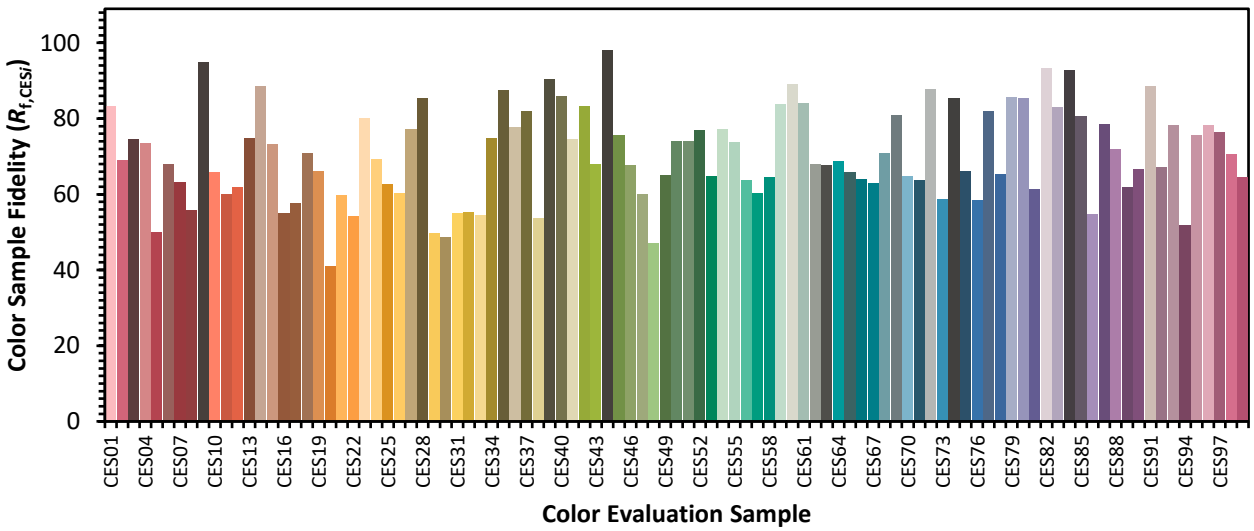


REPORT NUMBER: SP1-2407-184-2

TM-30-18

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

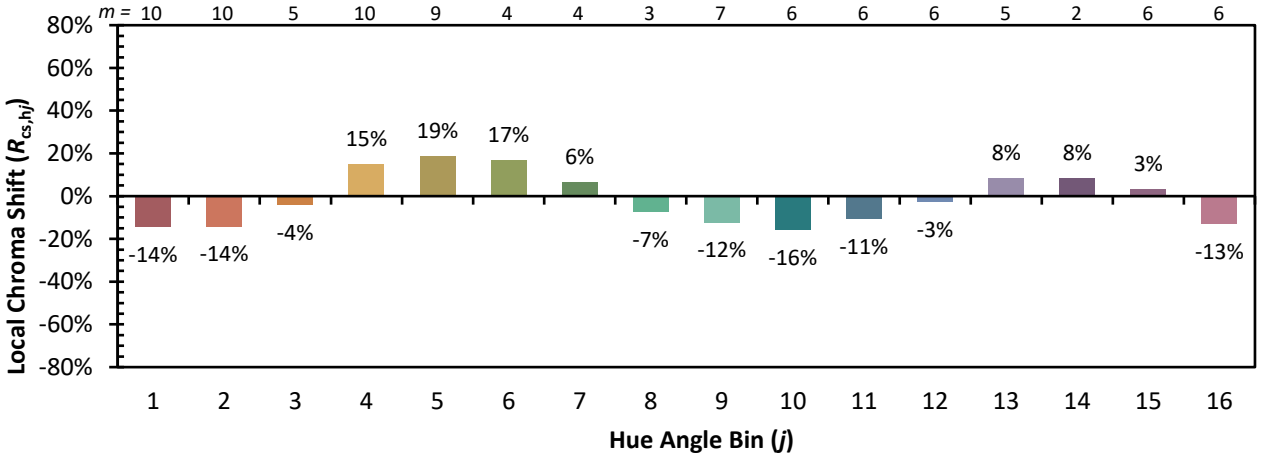
CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82 = 93
CES08 = 43	CES33 = 55	CES58 = 64	CES83 = 83
CES09 = 29	CES34 = 75	CES59 = 84	CES84 = 93
CES10 = 79	CES35 = 88	CES60 = 89	CES85 = 81
CES11 = 62	CES36 = 78	CES61 = 84	CES86 = 55
CES12 = 68	CES37 = 82	CES62 = 68	CES87 = 79
CES13 = 45	CES38 = 54	CES63 = 68	CES88 = 72
CES14 = 75	CES39 = 90	CES64 = 69	CES89 = 62
CES15 = 72	CES40 = 86	CES65 = 66	CES90 = 67
CES16 = 49	CES41 = 75	CES66 = 64	CES91 = 89
CES17 = 51	CES42 = 83	CES67 = 63	CES92 = 67
CES18 = 57	CES43 = 68	CES68 = 71	CES93 = 78
CES19 = 74	CES44 = 98	CES69 = 81	CES94 = 52
CES20 = 68	CES45 = 76	CES70 = 65	CES95 = 76
CES21 = 89	CES46 = 68	CES71 = 64	CES96 = 78
CES22 = 81	CES47 = 60	CES72 = 88	CES97 = 76
CES23 = 92	CES48 = 47	CES73 = 59	CES98 = 71
CES24 = 92	CES49 = 65	CES74 = 85	CES99 = 65
CES25 = 74	CES50 = 74	CES75 = 66	

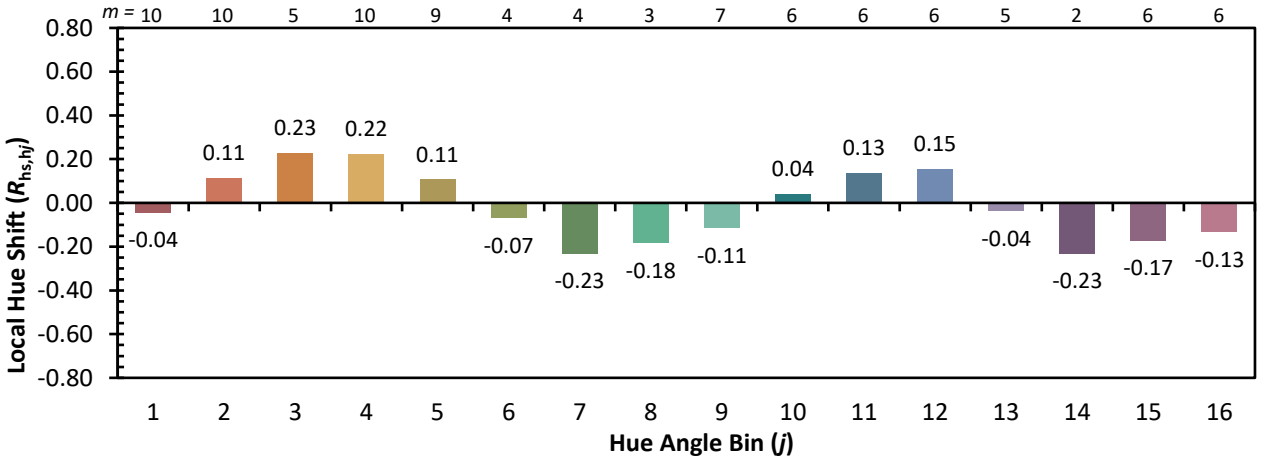


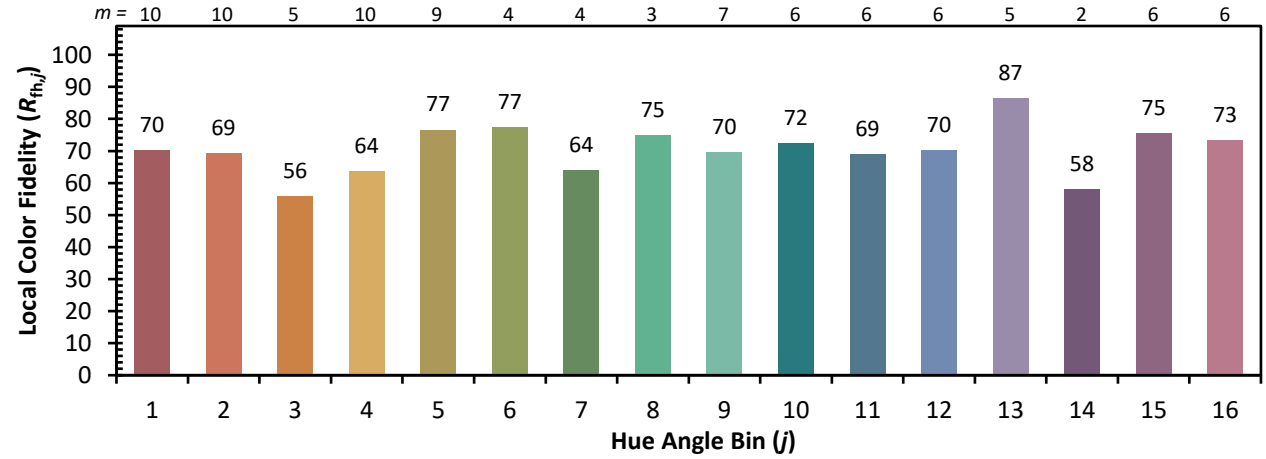
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Color Rendition by Hue-Angle Bin



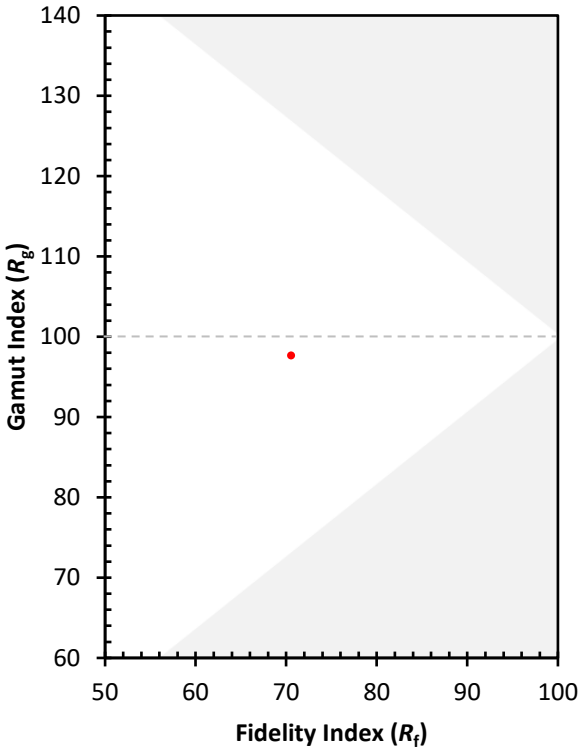


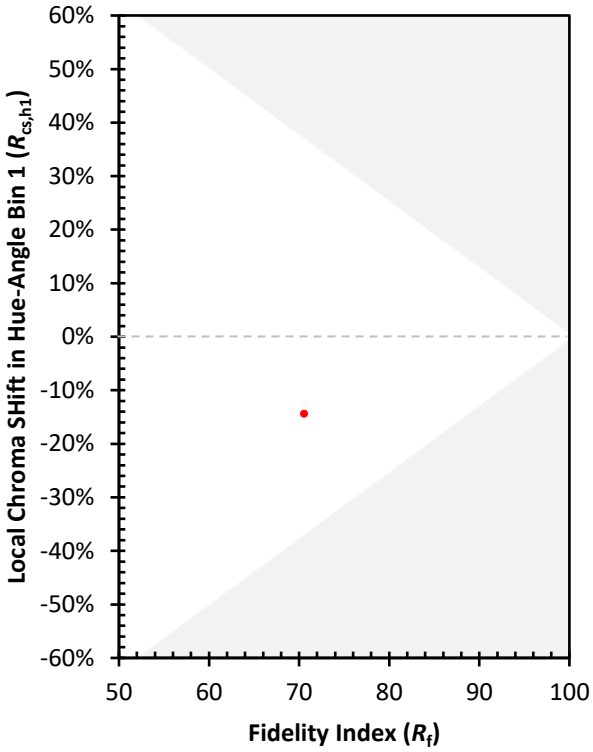


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Measure Comparisons





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