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: P1364577

Luminaire Tested: **GSS-SB1C-730-U-SLR-HSS**

Issue Date: 02/18/2026

Report Generated By 670245763

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Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P1364577
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB1C-730-U-SLR-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 1SQUARE 52W 70CRI 3000K FIXTURE w/ 90° Spill Light Eliminator RIGHT OPTIC AND HOUSE SIDE SHIELD
Light Source:	(26) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5112.8 lumens
Efficiency:	N/A
Efficacy:	98.3 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G2

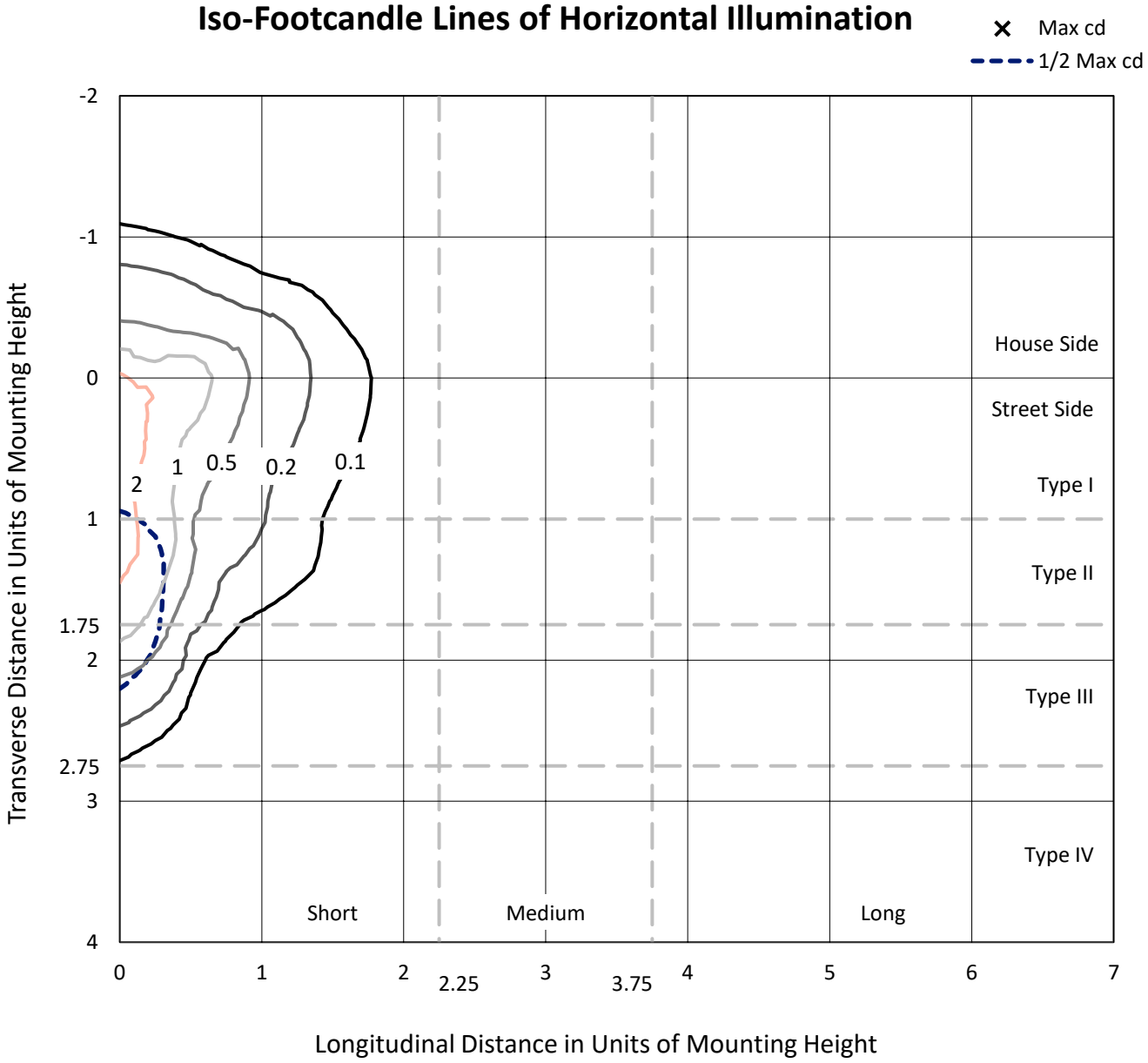
Input Watts (W):	52
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	10.1%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination



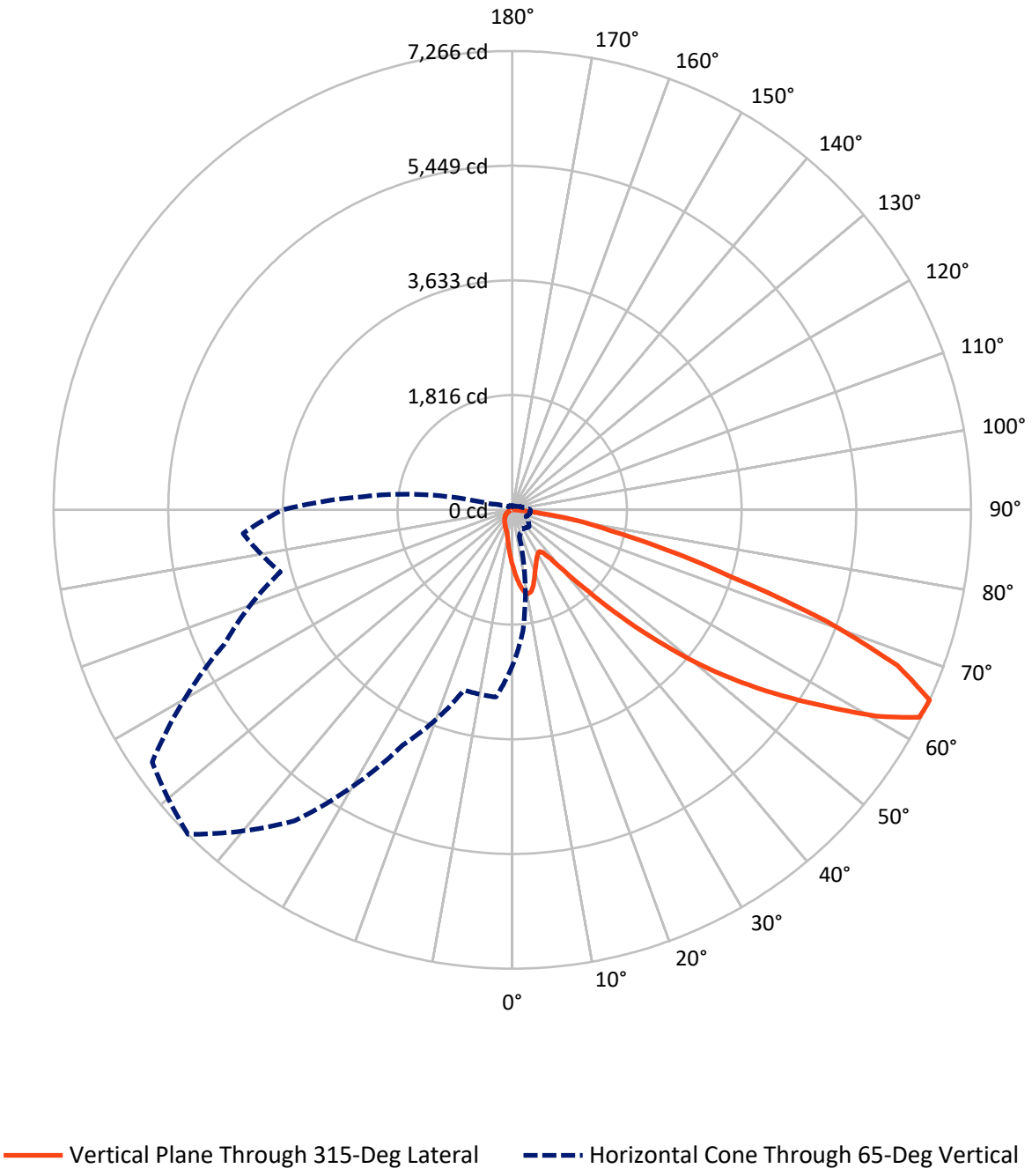
Based on 20 foot mounting height. Maximum calculated value = 2.8 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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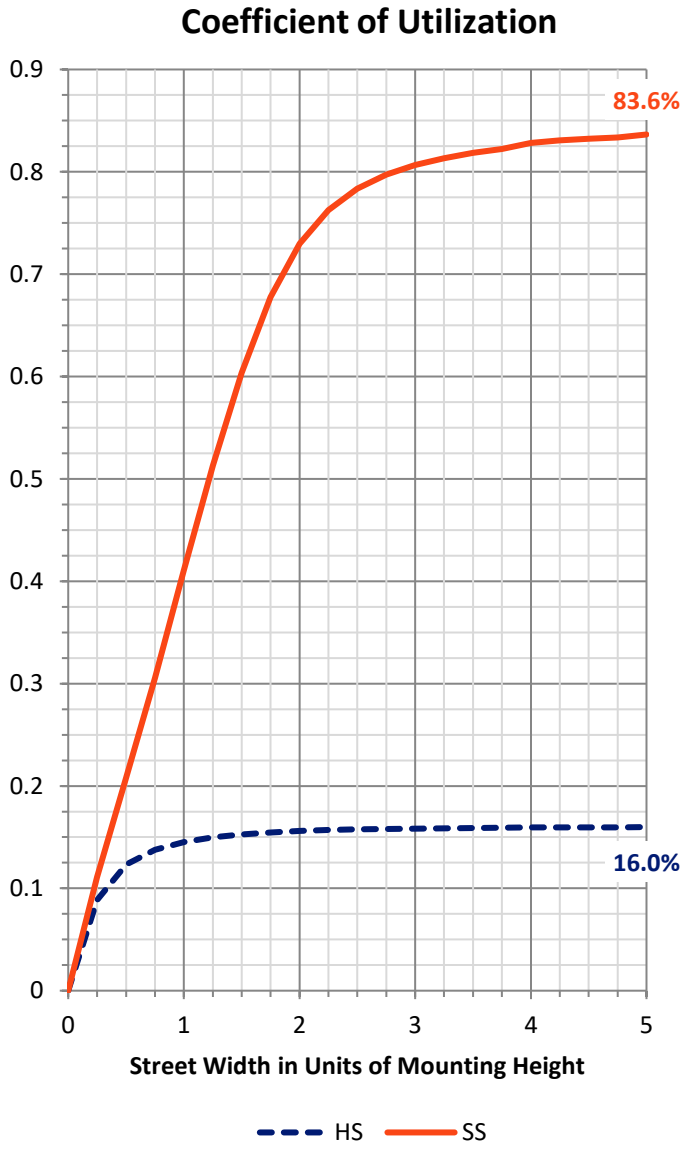
REPORT NUMBER: P1364577
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	826.5	0.0	826.5
	% Fixture	16.2	0.0	16.2
Street Side	Lumens	4286.3	0.0	4286.3
	% Fixture	83.8	0.0	83.8
Total	Lumens	5112.8	0.0	5112.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	84.9	1.7
10°-20°	234.9	4.6
20°-30°	336.5	6.6
30°-40°	422.1	8.3
40°-50°	693.3	13.6
50°-60°	1251.1	24.5
60°-70°	1388.5	27.2
70°-80°	627.3	12.3
80°-90°	74.2	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°	5112.8	100.0
0°-180°	5112.8	100.0



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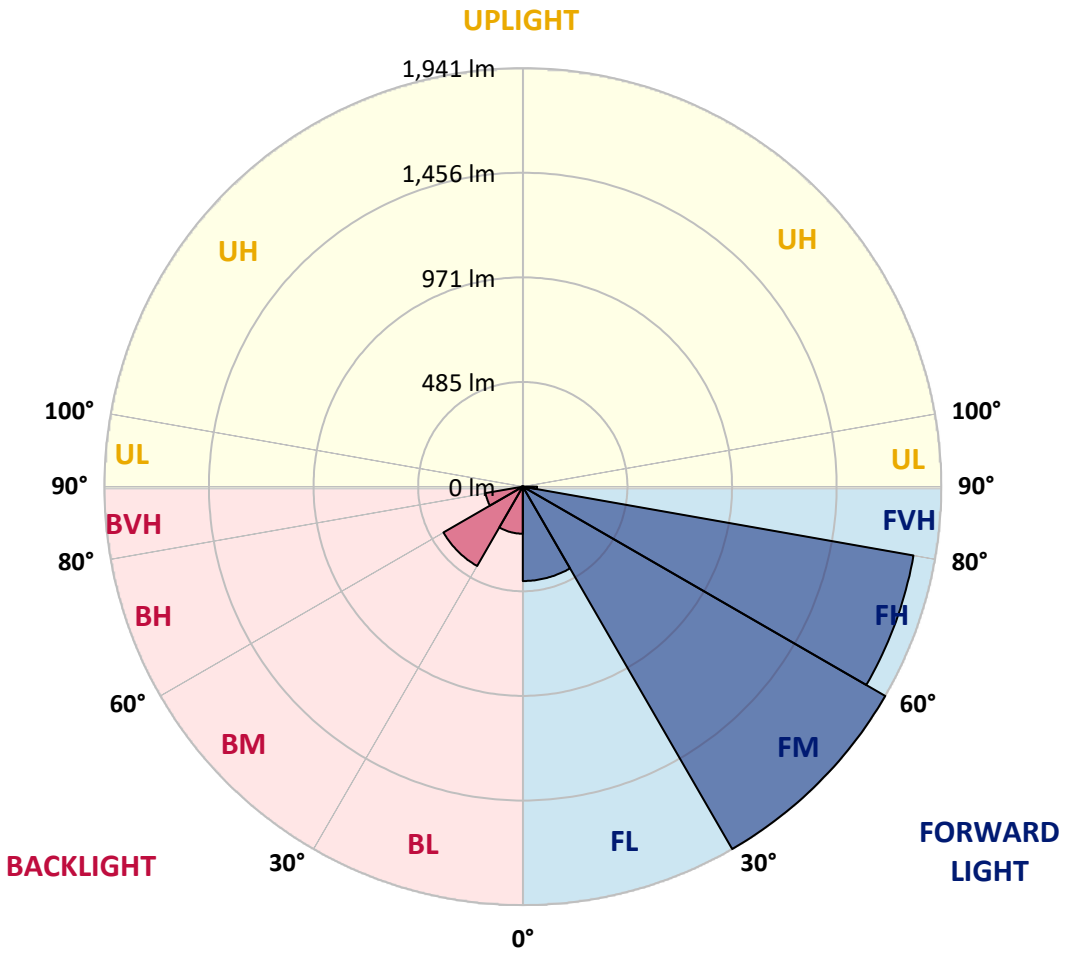
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	438.0	8.6			
FM	(30°-60°)	1941.5	38.0			
FH	(60°-80°)	1840.3	36.0			G2/5000
FVH	(80°-90°)	66.6	1.3			G1/100
BL	(0°-30°)	218.4	4.3	B1/500		
BM	(30°-60°)	425.0	8.3	B1/1000		
BH	(60°-80°)	175.5	3.4	B1/500		G1/500
BVH	(80°-90°)	7.6	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°	883.9	883.9	883.9	883.9	883.9	883.9	883.9	883.9	883.9	883.9	883.9
2.5°	996.9	996.0	992.2	968.7	945.1	924.7	904.3	883.9	855.6	833.7	814.8
5°	1091.1	1086.1	1066.0	1029.9	990.7	956.1	916.9	879.2	836.8	802.3	766.2
7.5°	1155.5	1150.5	1130.4	1070.7	1011.1	968.7	926.3	887.0	839.9	794.4	742.6
10°	1185.3	1179.7	1157.1	1092.7	1023.6	971.8	929.4	893.3	854.1	808.5	744.2
12.5°	1205.8	1198.8	1171.2	1097.4	1026.8	975.0	931.0	896.5	868.2	841.5	778.7
15°	1218.3	1212.0	1186.9	1110.0	1028.3	970.3	918.4	885.5	876.1	880.8	850.9
17.5°	1237.2	1231.2	1207.3	1125.7	1037.8	962.4	891.8	855.6	876.1	918.4	927.9
20°	1262.3	1256.0	1230.9	1146.1	1045.6	938.9	841.5	807.0	858.8	929.4	978.1
22.5°	1290.5	1285.5	1265.4	1169.6	1053.5	904.3	775.6	759.9	822.7	898.0	960.8
25°	1325.1	1320.4	1301.5	1202.6	1061.3	857.2	719.1	722.2	775.6	835.2	899.6
27.5°	1372.2	1367.8	1350.2	1243.4	1070.7	808.5	673.5	689.2	728.5	769.3	808.5
30°	1424.0	1420.5	1406.7	1292.1	1089.6	763.0	646.8	656.3	682.9	715.9	739.5
32.5°	1494.6	1489.0	1466.4	1337.6	1088.0	728.5	634.3	624.9	632.7	659.4	682.9
35°	1582.6	1578.2	1560.6	1384.7	1059.7	697.1	628.0	595.0	590.3	606.0	629.6
37.5°	1711.3	1707.5	1692.5	1461.7	1015.8	657.8	612.3	563.6	547.9	558.9	574.6
40°	1904.4	1894.7	1855.7	1549.6	967.1	618.6	584.0	525.9	504.0	511.8	529.1
42.5°	2166.6	2148.1	2074.0	1667.3	901.2	580.9	541.6	488.3	464.7	469.4	485.1
45°	2502.6	2474.6	2362.8	1829.0	832.1	551.1	497.7	449.0	423.9	428.6	445.9
47.5°	2895.1	2856.8	2703.5	1998.6	758.3	533.8	463.1	409.8	390.9	401.9	419.2
50°	3358.2	3319.6	3165.1	2106.9	698.6	522.8	436.5	373.7	365.8	379.9	394.1
52.5°	3863.8	3808.8	3589.0	2037.9	650.0	513.4	427.0	348.5	351.7	362.7	376.8
55°	4355.2	4233.0	3744.4	1808.6	587.2	502.4	433.3	329.7	337.5	351.7	362.7
57.5°	4675.4	4463.2	3614.1	1457.0	521.2	489.8	438.0	320.3	326.6	342.3	354.8
60°	4396.0	4182.5	3328.4	1091.1	464.7	463.1	430.2	317.1	307.7	329.7	340.7
62.5°	3601.6	3425.7	2722.4	697.1	411.3	412.9	412.9	315.6	276.3	304.6	314.0
65°	*2474.3*	*2364.4*	*1924.8*	*431.7*	*336.0*	*351.7*	*375.2*	*306.1*	*243.3*	*276.3*	*285.7*
67.5°	1626.5	1545.8	1223.0	266.9	259.0	288.9	325.0	287.3	218.2	248.1	254.3
70°	882.3	821.1	576.2	175.8	169.6	226.1	255.9	243.3	196.2	221.4	227.6
72.5°	582.5	532.2	331.3	124.0	124.0	177.4	179.0	199.4	175.8	196.2	202.5
75°	438.0	393.1	213.5	86.3	95.8	113.0	139.7	142.9	147.6	166.4	174.3
77.5°	201.0	176.5	78.5	51.8	70.6	78.5	106.8	91.1	109.9	124.0	127.2
80°	116.2	101.7	44.0	34.5	45.5	50.2	87.9	53.4	65.9	87.9	92.6
82.5°	48.7	43.3	22.0	23.5	28.3	29.8	48.7	37.7	42.4	58.1	56.5
85°	14.1	14.1	14.1	15.7	17.3	17.3	28.3	26.7	25.1	26.7	26.7
87.5°	9.4	9.4	9.4	9.4	11.0	11.0	12.6	14.1	15.7	15.7	15.7
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°	883.9	883.9	883.9	883.9	883.9	883.9	883.9	883.9	883.9	883.9	883.9
2.5°	807.0	796.0	781.9	761.4	758.3	747.3	739.5	747.3	755.2	769.3	770.9
5°	747.3	730.0	697.1	672.0	643.7	629.6	628.0	624.9	634.3	654.7	667.2
7.5°	714.3	686.1	626.4	582.5	543.2	529.1	518.1	527.5	525.9	552.6	563.6
10°	706.5	662.5	579.3	513.4	464.7	445.9	434.9	433.3	436.5	452.2	463.1
12.5°	734.8	678.2	560.5	463.1	406.6	386.2	373.7	362.7	362.7	365.8	379.9
15°	797.6	730.0	571.5	439.6	378.4	351.7	331.3	317.1	306.1	307.7	309.3
17.5°	885.5	805.4	599.7	431.7	361.1	332.8	307.7	293.6	281.0	277.9	277.9
20°	954.6	877.6	621.7	425.5	347.0	310.9	288.9	276.3	265.3	260.6	260.6
22.5°	962.4	907.5	640.6	417.6	329.7	288.9	268.5	257.5	249.6	248.1	248.1
25°	910.6	883.9	634.3	408.2	312.4	268.5	252.8	243.3	235.5	233.9	235.5
27.5°	824.2	810.1	612.3	395.6	298.3	252.8	238.6	230.8	222.9	221.4	222.9
30°	747.3	731.6	574.6	375.2	287.3	240.2	224.5	216.7	208.8	208.8	210.4
32.5°	684.5	668.8	536.9	351.7	273.2	226.1	211.9	204.1	196.2	196.2	199.4
35°	628.0	615.4	507.1	328.1	259.0	213.5	197.8	191.5	185.3	183.7	186.8
37.5°	579.3	573.0	480.4	303.0	244.9	201.0	186.8	180.5	172.7	171.1	174.3
40°	532.2	529.1	450.6	281.0	227.6	188.4	174.3	168.0	158.6	158.6	161.7
42.5°	488.3	486.7	423.9	266.9	211.9	175.8	160.1	153.9	146.0	146.0	149.1
45°	453.7	452.2	398.8	259.0	196.2	161.7	147.6	139.7	133.4	135.0	138.2
47.5°	422.3	419.2	372.1	260.6	188.4	152.3	133.4	125.6	120.9	124.0	128.7
50°	397.2	394.1	353.2	262.2	175.8	139.7	122.5	114.6	111.5	116.2	120.9
52.5°	381.5	378.4	334.4	252.8	160.1	130.3	111.5	106.8	106.8	111.5	114.6
55°	365.8	362.7	303.0	232.4	142.9	120.9	103.6	100.5	100.5	105.2	108.3
57.5°	356.4	350.1	270.0	208.8	128.7	109.9	95.8	95.8	95.8	97.3	98.9
60°	342.3	326.6	235.5	179.0	117.7	98.9	89.5	87.9	87.9	86.3	87.9
62.5°	312.4	285.7	197.8	152.3	105.2	89.5	81.6	80.1	75.4	70.6	72.2
65°	*282.6*	*241.8*	*157.0*	*127.2*	*91.1*	*76.9*	*72.2*	*70.6*	*62.8*	*56.5*	*58.1*
67.5°	244.9	193.1	117.7	106.8	78.5	65.9	61.2	61.2	56.5	51.8	51.8
70°	218.2	150.7	98.9	80.1	62.8	51.8	51.8	54.9	50.2	44.0	44.0
72.5°	193.1	122.5	80.1	64.4	48.7	40.8	44.0	45.5	40.8	36.1	36.1
75°	164.8	95.8	62.8	50.2	36.1	31.4	33.0	36.1	33.0	28.3	29.8
77.5°	119.3	65.9	42.4	33.0	26.7	23.5	25.1	25.1	23.5	22.0	22.0
80°	83.2	44.0	28.3	22.0	18.8	17.3	17.3	15.7	15.7	17.3	17.3
82.5°	50.2	31.4	20.4	17.3	14.1	11.0	11.0	12.6	12.6	14.1	14.1
85°	22.0	18.8	14.1	12.6	9.4	7.8	9.4	9.4	11.0	12.6	12.6
87.5°	14.1	14.1	11.0	9.4	7.8	6.3	6.3	7.8	7.8	9.4	11.0
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	883.9	883.9	883.9	883.9	883.9	883.9	883.9	883.9	883.9	883.9	883.9
2.5°	777.1	792.8	811.7	838.4	861.9	890.2	918.4	945.1	970.3	973.4	984.4
5°	676.7	706.5	744.2	788.1	841.5	898.0	953.0	1011.1	1058.2	1075.4	1100.6
7.5°	573.0	610.7	665.7	733.2	808.5	893.3	978.1	1059.7	1130.4	1163.4	1196.3
10°	474.1	510.2	577.8	659.4	756.7	871.3	984.4	1094.3	1180.6	1218.3	1249.7
12.5°	384.6	420.8	475.7	569.9	687.7	825.8	975.0	1106.8	1202.6	1241.9	1271.7
15°	314.0	343.8	395.6	483.6	607.6	763.0	942.0	1097.4	1207.3	1245.0	1267.0
17.5°	276.3	284.2	317.1	397.2	532.2	706.5	899.6	1084.9	1210.5	1245.0	1257.6
20°	260.6	260.6	266.9	309.3	441.2	646.8	868.2	1077.0	1215.2	1249.7	1248.1
22.5°	246.5	249.6	249.6	259.0	336.0	563.6	835.2	1073.9	1229.3	1256.0	1234.0
25°	233.9	238.6	238.6	241.8	263.8	464.7	794.4	1080.2	1254.4	1268.6	1224.6
27.5°	222.9	227.6	227.6	230.8	235.5	345.4	726.9	1081.7	1282.7	1284.3	1212.0
30°	211.9	216.7	219.8	219.8	222.9	254.3	642.1	1072.3	1314.1	1304.7	1210.5
32.5°	199.4	205.7	207.2	210.4	211.9	221.4	532.2	1056.6	1353.3	1332.9	1212.0
35°	188.4	196.2	197.8	197.8	201.0	210.4	425.5	1039.3	1406.7	1370.6	1218.3
37.5°	177.4	183.7	185.3	186.8	190.0	199.4	337.5	1014.2	1452.2	1417.7	1249.7
40°	164.8	172.7	174.3	175.8	179.0	188.4	290.4	982.8	1521.3	1496.2	1296.8
42.5°	152.3	160.1	163.3	164.8	166.4	179.0	265.3	960.8	1632.8	1606.1	1392.6
45°	141.3	149.1	152.3	152.3	155.4	172.7	243.3	1009.5	1786.7	1774.1	1521.3
47.5°	131.9	139.7	141.3	141.3	142.9	163.3	224.5	1139.8	2022.2	1989.2	1722.3
50°	124.0	130.3	133.4	130.3	131.9	155.4	235.5	1354.9	2323.6	2334.6	2017.4
52.5°	117.7	124.0	125.6	119.3	119.3	144.4	249.6	1530.7	2708.2	2808.7	2485.3
55°	109.9	116.2	117.7	109.9	109.9	127.2	216.7	1541.7	3146.3	3469.7	3094.5
57.5°	102.0	108.3	108.3	102.0	100.5	109.9	175.8	1367.5	3485.4	4218.6	3928.1
60°	92.6	98.9	97.3	94.2	91.1	100.5	161.7	1042.5	3439.9	4706.8	4884.3
62.5°	75.4	84.8	87.9	86.3	80.1	91.1	150.7	679.8	2976.7	4282.9	4854.4
65°	*62.8*	*70.6*	*75.4*	*75.4*	*70.6*	*100.5*	*131.9*	*358.0*	*2383.3*	*3634.5*	*4279.8*
67.5°	54.9	62.8	65.9	64.4	61.2	89.5	83.2	172.7	1827.5	3132.1	3830.8
70°	48.7	54.9	58.1	53.4	50.2	72.2	59.7	102.0	1223.0	2614.0	3411.6
72.5°	39.2	45.5	48.7	44.0	39.2	53.4	45.5	67.5	796.0	2227.8	3031.7
75°	31.4	37.7	39.2	36.1	31.4	39.2	36.1	47.1	519.7	1843.2	2577.9
77.5°	23.5	26.7	29.8	28.3	23.5	28.3	25.1	33.0	296.7	1293.7	1808.6
80°	18.8	20.4	20.4	20.4	18.8	17.3	17.3	22.0	133.4	637.4	943.6
82.5°	15.7	17.3	17.3	15.7	14.1	12.6	11.0	12.6	39.2	285.7	434.9
85°	14.1	15.7	12.6	11.0	9.4	7.8	4.7	4.7	11.0	45.5	84.8
87.5°	11.0	9.4	7.8	6.3	3.1	1.6	1.6	0.0	1.6	1.6	1.6
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: P1364577
CATALOG NUMBER: GSS-SB1C-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	883.9	883.9	883.9	*883.9*	883.9	883.9	883.9	883.9	883.9	883.9
2.5°	1001.7	1017.4	1028.3	*1037.8*	1034.6	1026.8	1011.1	1000.1	997.6	996.9
5°	1133.5	1158.7	1180.6	*1177.5*	1180.6	1157.1	1133.5	1105.3	1094.0	1091.1
7.5°	1243.4	1274.8	1301.5	*1298.4*	1289.0	1262.3	1223.0	1180.6	1160.5	1155.5
10°	1303.1	1339.2	1361.2	*1353.3*	1337.6	1303.1	1263.8	1213.6	1191.0	1185.3
12.5°	1314.1	1337.6	1332.9	*1329.8*	1326.6	1309.4	1279.5	1234.0	1211.4	1205.8
15°	1285.8	1276.4	1249.7	*1243.4*	1267.0	1289.0	1282.7	1245.0	1223.7	1218.3
17.5°	1238.7	1190.1	1141.4	*1135.1*	1174.4	1235.6	1284.3	1262.3	1242.2	1237.2
20°	1186.9	1095.9	1042.5	*1031.5*	1080.2	1171.2	1267.0	1279.5	1265.7	1262.3
22.5°	1125.7	1018.9	962.4	*956.1*	992.2	1099.0	1241.9	1298.4	1292.1	1290.5
25°	1072.3	951.4	898.0	*888.6*	935.7	1039.3	1216.7	1329.8	1326.0	1325.1
27.5°	1028.3	902.7	846.2	*839.9*	885.5	989.1	1185.3	1356.5	1369.0	1372.2
30°	993.8	866.6	810.1	*802.3*	852.5	954.6	1163.4	1394.2	1418.0	1424.0
32.5°	967.1	846.2	792.8	*788.1*	841.5	940.4	1150.8	1433.4	1482.4	1494.6
35°	957.7	852.5	816.4	*827.4*	868.2	954.6	1160.2	1497.8	1565.6	1582.6
37.5°	978.1	921.6	946.7	*975.0*	990.7	1022.1	1204.2	1601.4	1689.3	1711.3
40°	1044.0	1106.8	1224.6	*1279.5*	1273.3	1201.0	1304.7	1747.4	1873.0	1904.4
42.5°	1212.0	1416.1	1665.8	*1758.4*	1705.0	1486.8	1464.8	1987.6	2130.8	2166.6
45°	1461.7	1789.8	2199.6	*2408.4*	2224.7	1849.5	1717.6	2329.9	2468.0	2502.6
47.5°	1711.3	2207.4	2859.0	*3107.0*	2745.9	2209.0	2048.8	2739.6	2864.0	2895.1
50°	1965.6	2669.0	3516.8	*3848.1*	3265.6	2574.8	2400.5	3245.2	3335.6	3358.2
52.5°	2227.8	3081.9	4242.1	*4527.9*	3808.8	2857.4	2802.4	3796.2	3850.3	3863.8
55°	2519.8	3472.8	4969.0	*5199.8*	4303.4	3103.9	3273.4	4372.4	4358.6	4355.2
57.5°	2909.2	3884.2	5554.6	*5876.5*	4752.4	3436.7	3903.0	5013.0	4743.0	4675.4
60°	3589.0	4523.2	6283.1	*6633.2*	5353.7	3923.4	4366.2	4998.9	4516.6	4396.0
62.5°	4377.1	5138.6	6942.5	*7237.7*	5986.4	4407.0	3997.2	4198.2	3720.9	3601.6
65°	*3802.5*	*5030.3*	*6962.9*	*7265.9*	*6009.9*	*4111.8*	*2954.7*	*2976.7*	*2574.8*	*2474.3*
67.5°	3235.8	4458.8	6341.2	*6579.9*	5361.5	3399.0	1959.4	1942.1	1689.6	1626.5
70°	2880.9	3906.1	5465.2	*5259.5*	4507.5	2873.1	1301.5	1078.6	921.6	882.3
72.5°	2588.9	3099.2	4429.0	*3625.1*	3739.7	2337.7	827.4	734.8	612.9	582.5
75°	2344.0	2563.8	2763.2	*2505.7*	2656.4	1926.4	701.8	566.8	463.8	438.0
77.5°	1865.2	1995.5	1635.9	*1588.8*	1860.4	1370.6	348.5	238.6	208.5	201.0
80°	1110.0	943.6	927.9	*1058.2*	1238.7	711.2	213.5	131.9	119.3	116.2
82.5°	672.0	340.7	370.5	*467.9*	659.4	323.4	127.2	56.5	50.2	48.7
85°	113.0	92.6	142.9	*136.6*	128.7	69.1	34.5	15.7	14.4	14.1
87.5°	3.1	4.7	6.3	*7.8*	7.8	7.8	7.8	7.8	9.1	9.4
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: SP1-2407-184-4

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-730-U-5WQ

Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

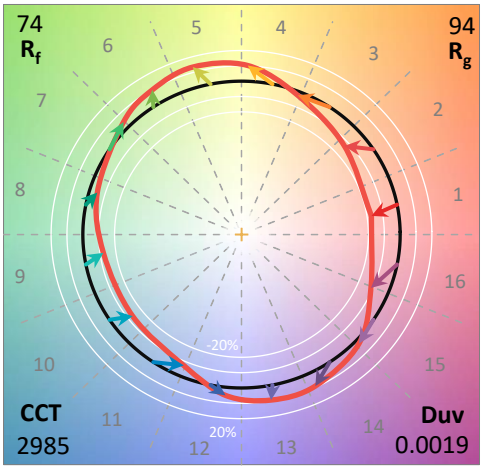
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-4
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-730-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K):	2985
CIE u':	0.2504
CIE v':	0.5243
Duv:	0.0019
CIE x:	0.4408
CIE y:	0.4101
CIE z:	0.1491
Peak Wavelength (nm):	595
Dominant Wavelength (nm):	582
Purity:	55.41818
Rf:	73.8
Rg:	94.4

CRI (Ra):	70.8
R1:	66.3
R2:	80.6
R3:	94.5
R4:	68.2
R5:	66.5
R6:	74.7
R7:	76.2
R8:	39.6
R9:	-43.2
R10:	57.6
R11:	64.8
R12:	53.5
R13:	68.7
R14:	97.0
R15:	56.4



Test Conditions

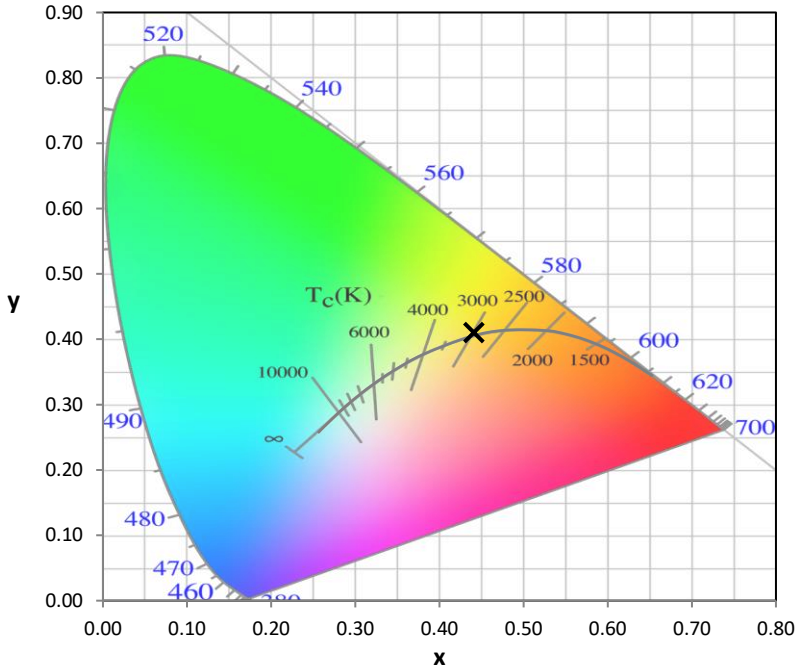
Stabilization Time:	36M
Operation Time:	1H 36M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-4

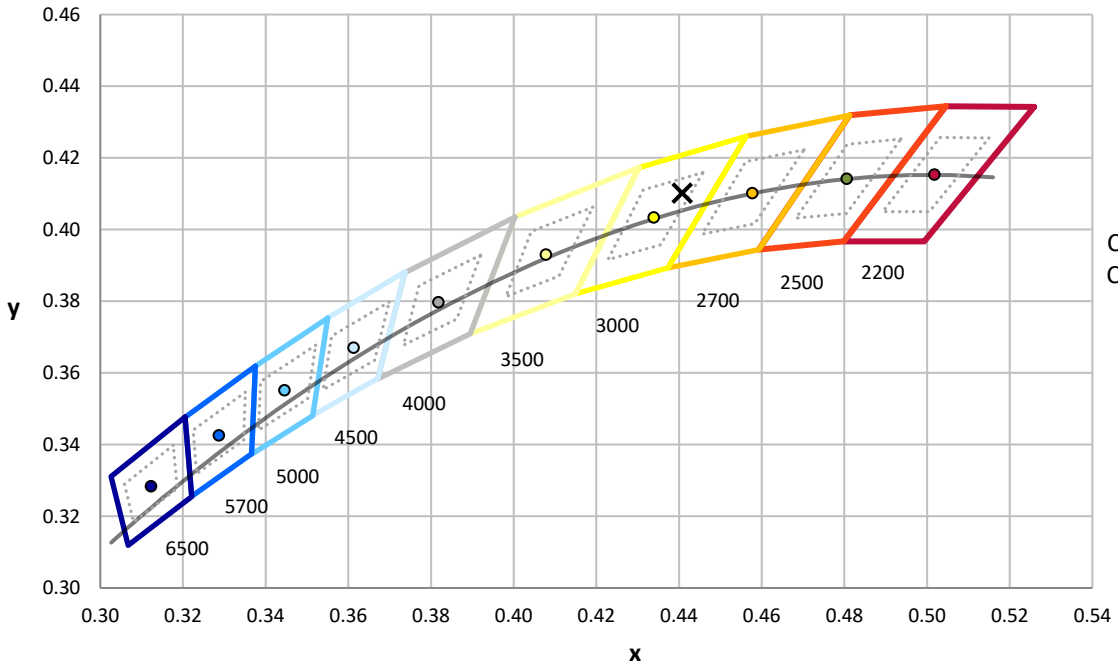
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-4

CIE 1931 Chromaticity Diagram



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

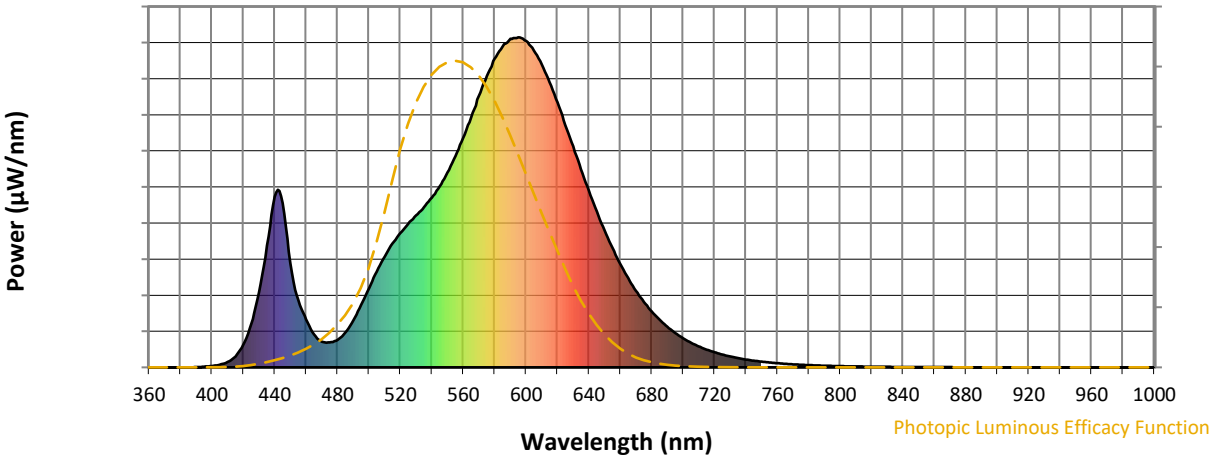


CCT = 2985K
CIE x = 0.4408
CIE y = 0.4101
Duv = 0.0019

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

Photopic Flux vs. Wavelength

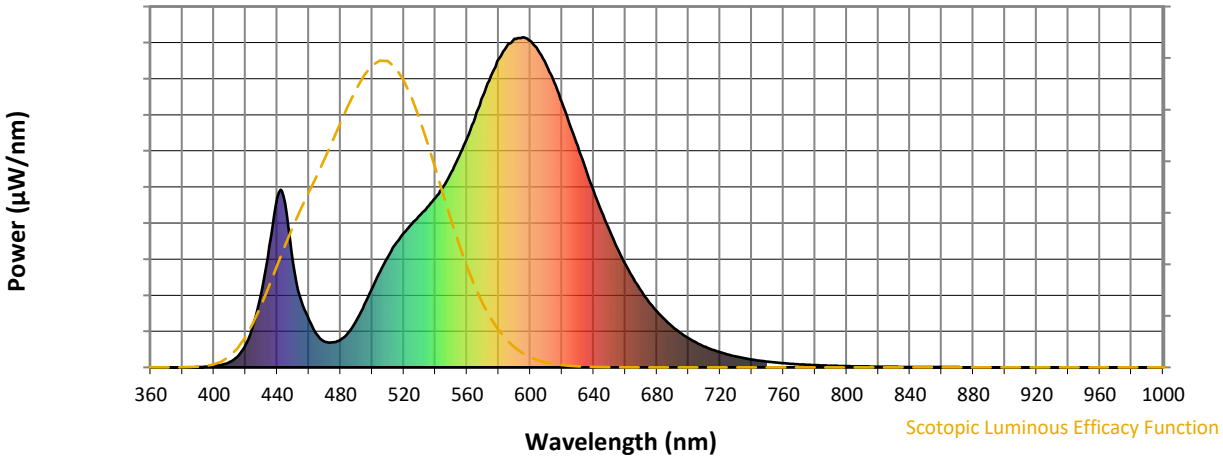


Photopic Lumens: NR

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-4

Scotopic Flux vs. Wavelength

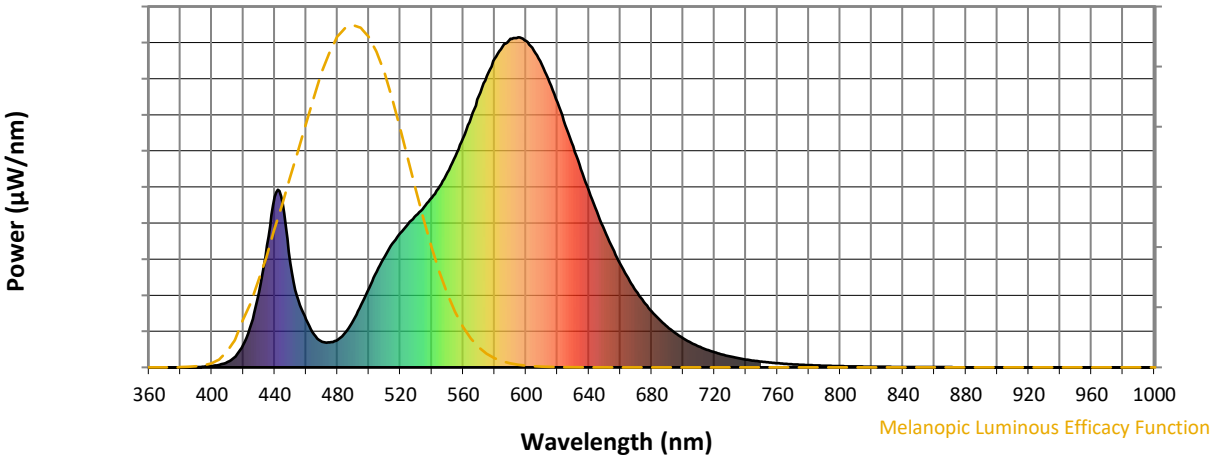


Scotopic Lumens: NR **S/P: 1.19**

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-4

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.13**

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

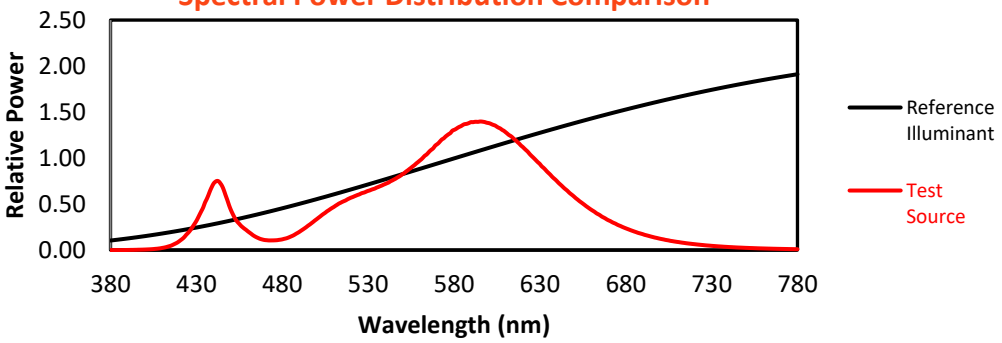
REPORT NUMBER: SP1-2407-184-4

TM-30-18

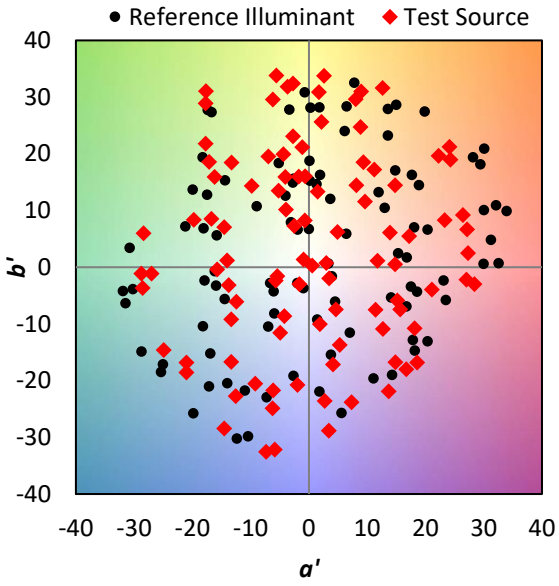
Summary

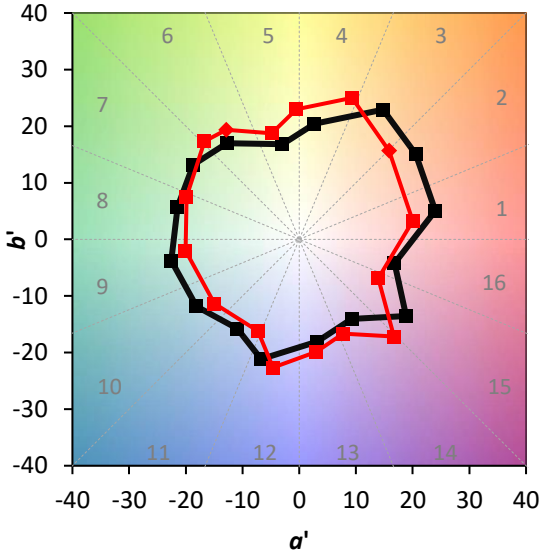
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R_g = 94.4
CIE R_a = 70.8
R_9 = -43.2

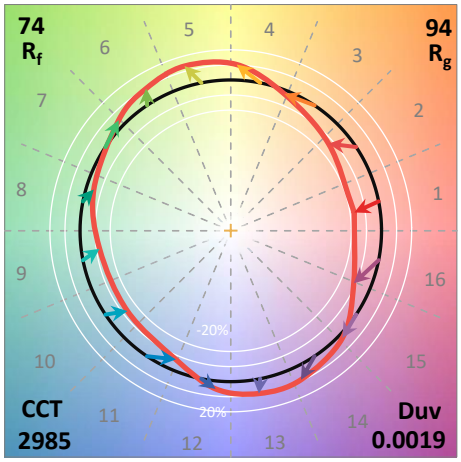
Spectral Power Distribution Comparison

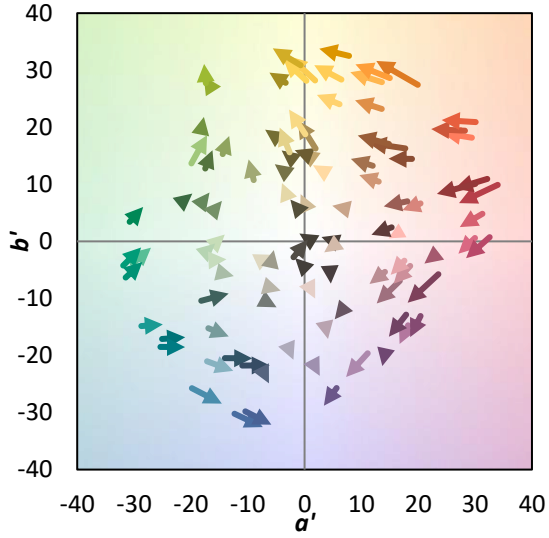


Color Vector Graphics







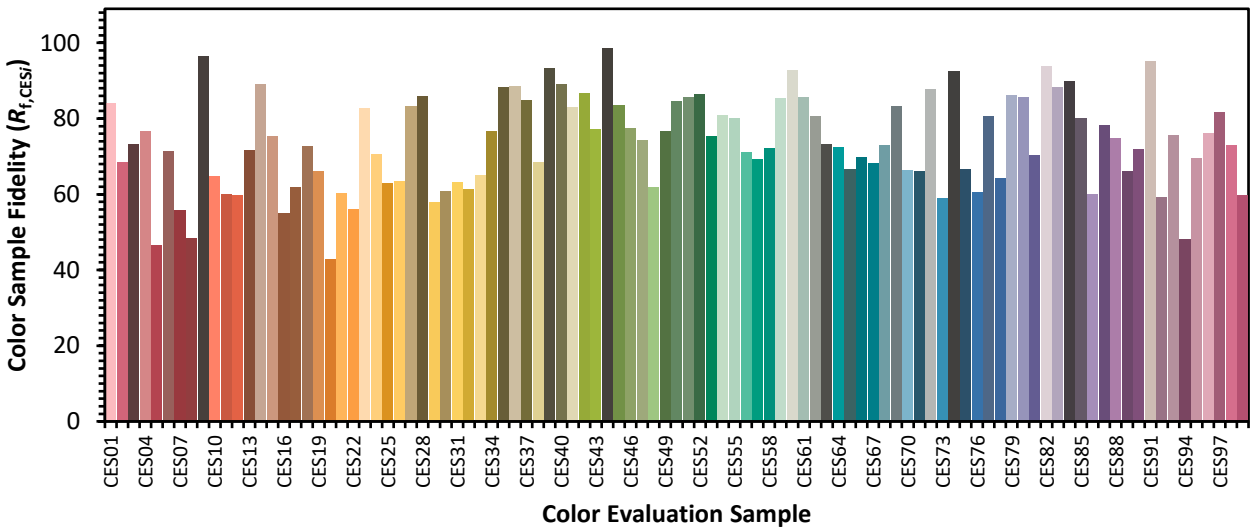


REPORT NUMBER: SP1-2407-184-4

TM-30-18

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

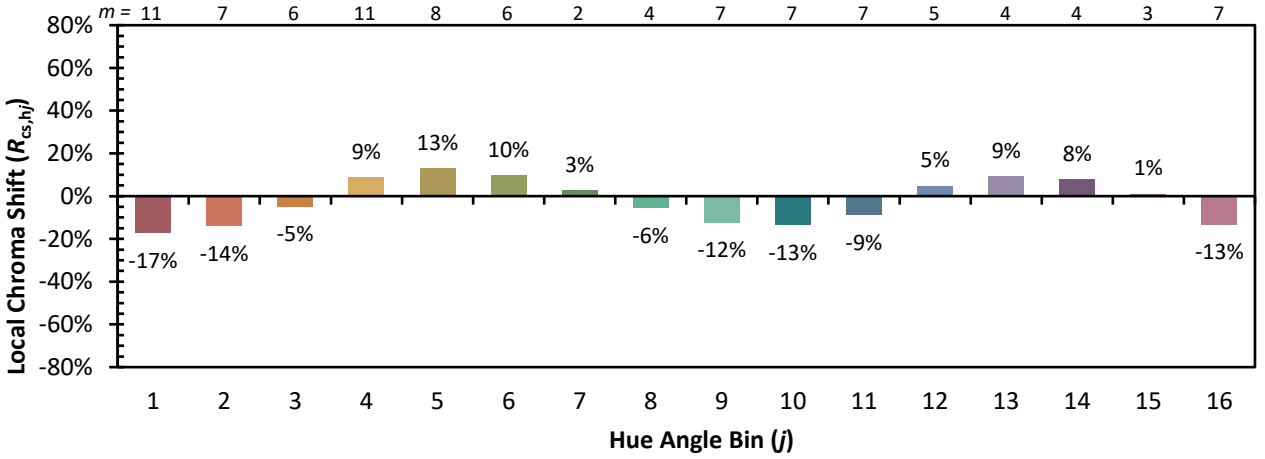
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CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 94
CES08 = 40	CES33 = 65	CES58 = 72	CES83 = 88
CES09 = 29	CES34 = 77	CES59 = 85	CES84 = 90
CES10 = 76	CES35 = 88	CES60 = 93	CES85 = 80
CES11 = 59	CES36 = 89	CES61 = 86	CES86 = 60
CES12 = 65	CES37 = 85	CES62 = 81	CES87 = 78
CES13 = 43	CES38 = 69	CES63 = 73	CES88 = 75
CES14 = 74	CES39 = 93	CES64 = 72	CES89 = 66
CES15 = 71	CES40 = 89	CES65 = 67	CES90 = 72
CES16 = 47	CES41 = 83	CES66 = 70	CES91 = 95
CES17 = 50	CES42 = 87	CES67 = 68	CES92 = 59
CES18 = 56	CES43 = 77	CES68 = 73	CES93 = 76
CES19 = 73	CES44 = 99	CES69 = 83	CES94 = 48
CES20 = 66	CES45 = 83	CES70 = 66	CES95 = 70
CES21 = 87	CES46 = 77	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 74	CES72 = 88	CES97 = 82
CES23 = 92	CES48 = 62	CES73 = 59	CES98 = 73
CES24 = 91	CES49 = 77	CES74 = 93	CES99 = 60
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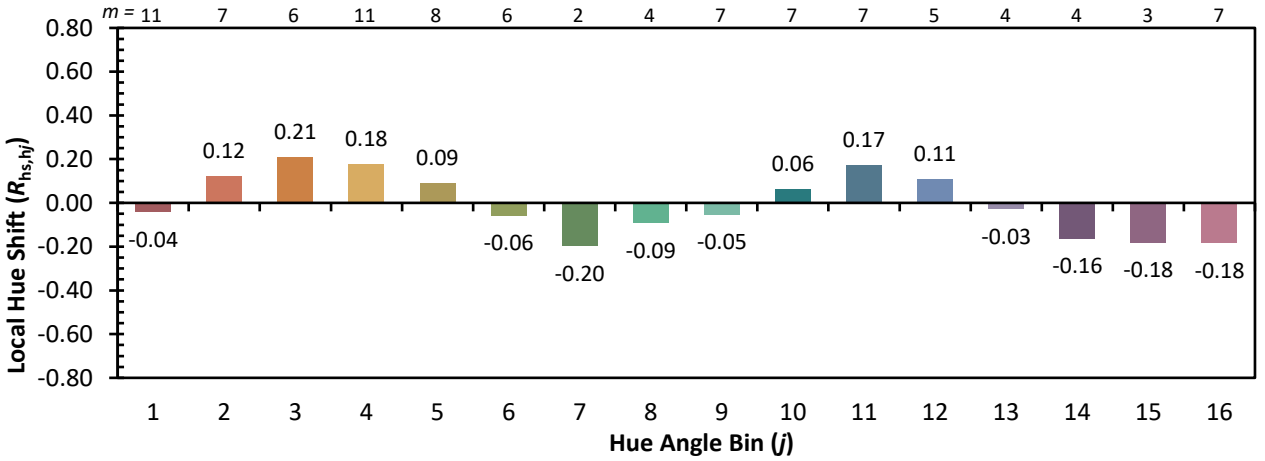


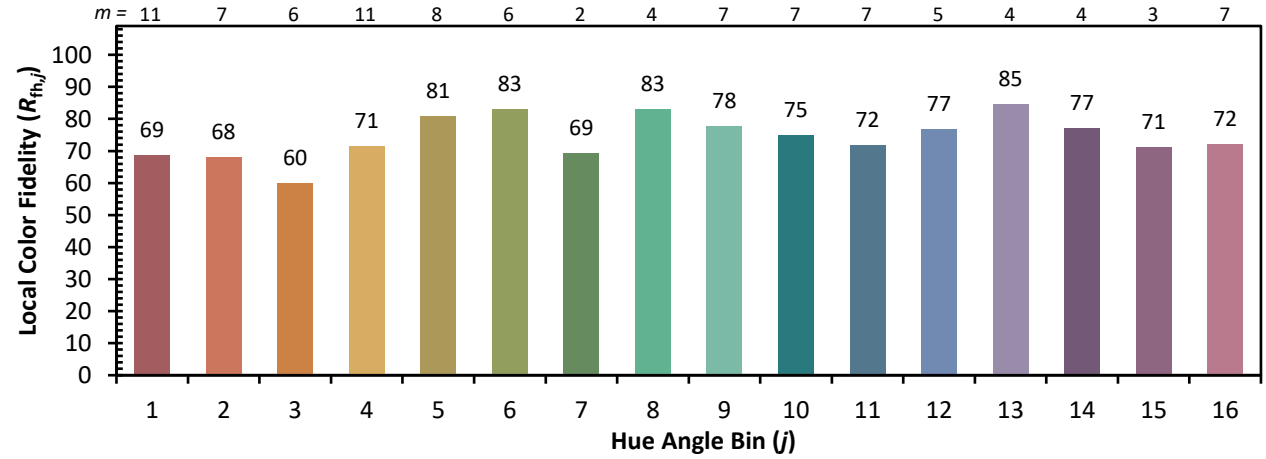
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Color Rendition by Hue-Angle Bin



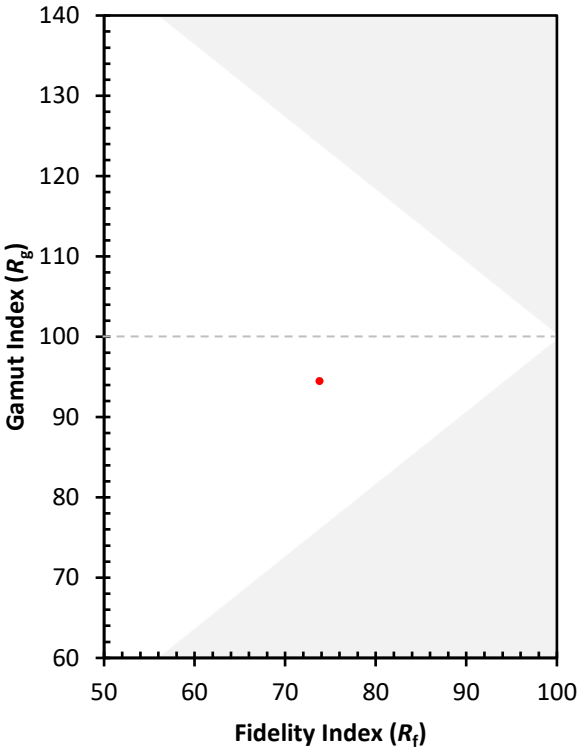


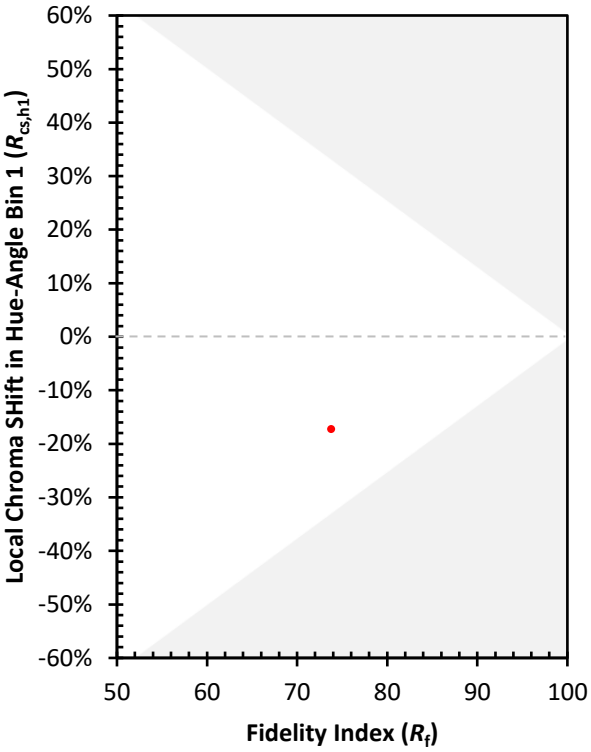


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Measure Comparisons





(END OF REPORT)