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

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Scaled data based on original data using

LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P1501372

Luminaire Tested: GSS-SB6D-722-U-T2LG

Issue Date: 07/20/2026

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Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1501372
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB6D-722-U-T2LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 6SQUARE 362W 70CRI 2200K FIXTURE w/ TYPE II LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(156) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	42281.5 lumens
Efficiency:	N/A
Efficacy:	116.8 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B4 - U0 - G4

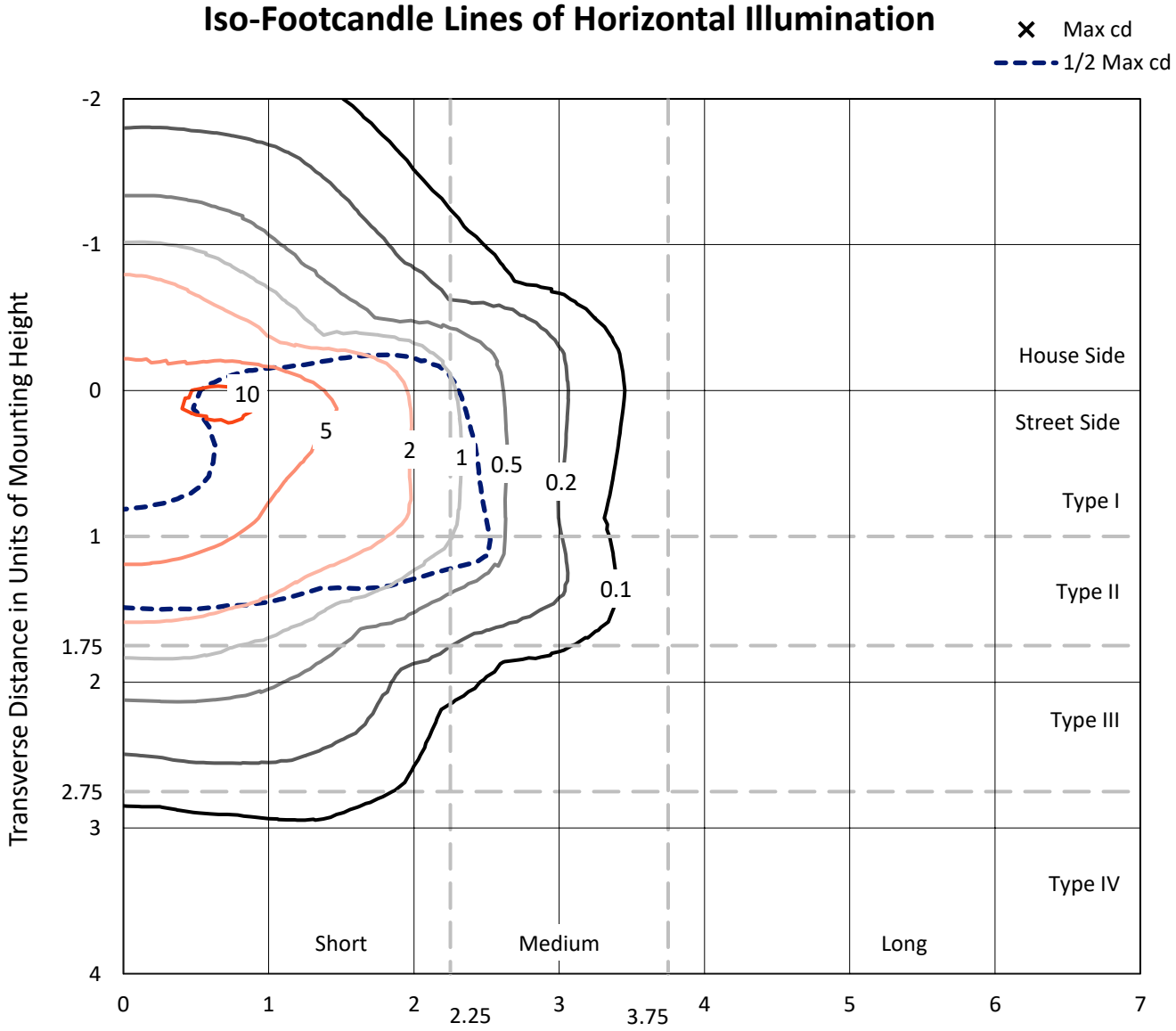
Input Watts (W):	362
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	--
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination



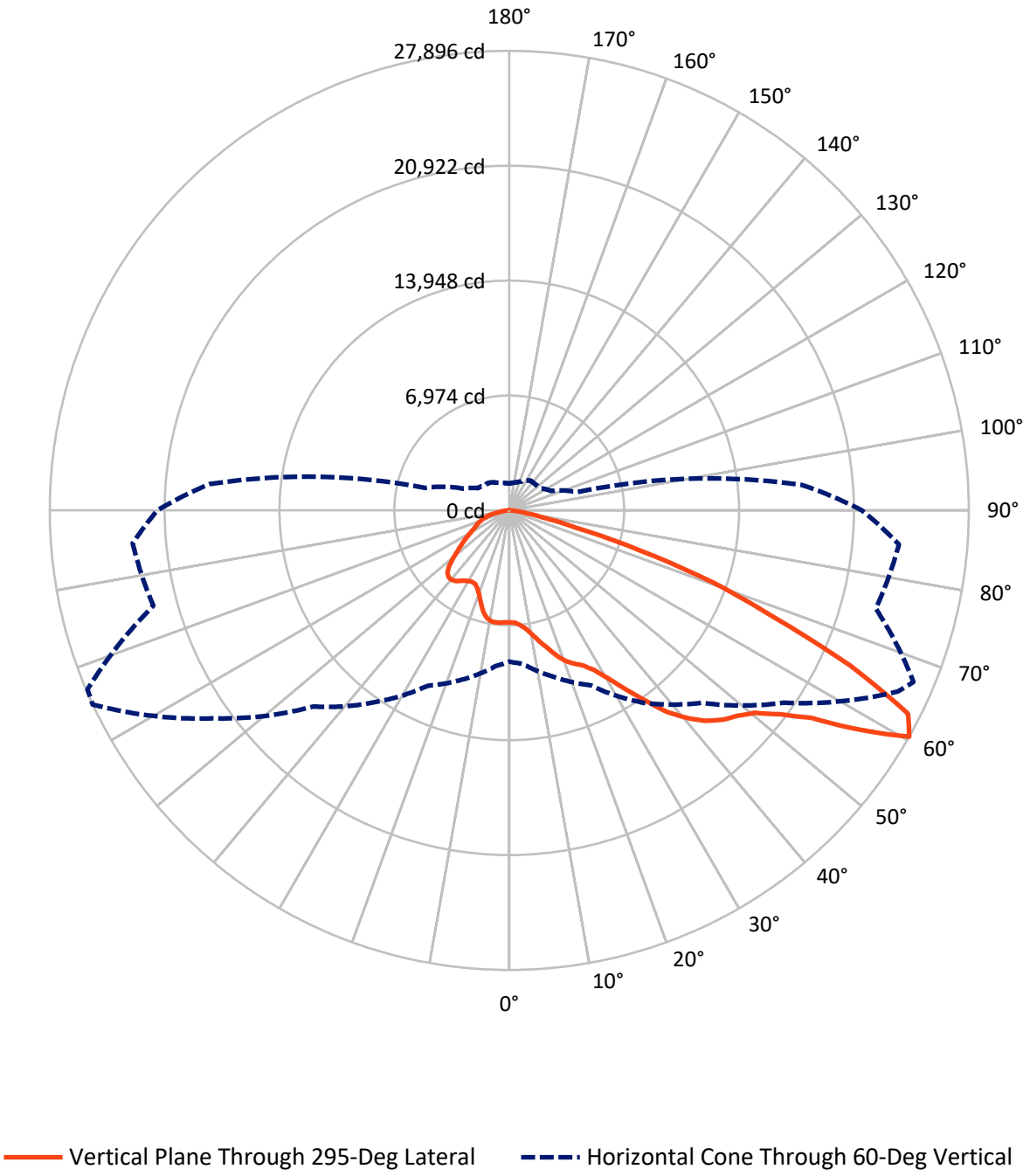
Based on 30 foot mounting height. Maximum calculated value = 11.4 fc
Type II - Short - N/A

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Luminous Intensity Polar Plot



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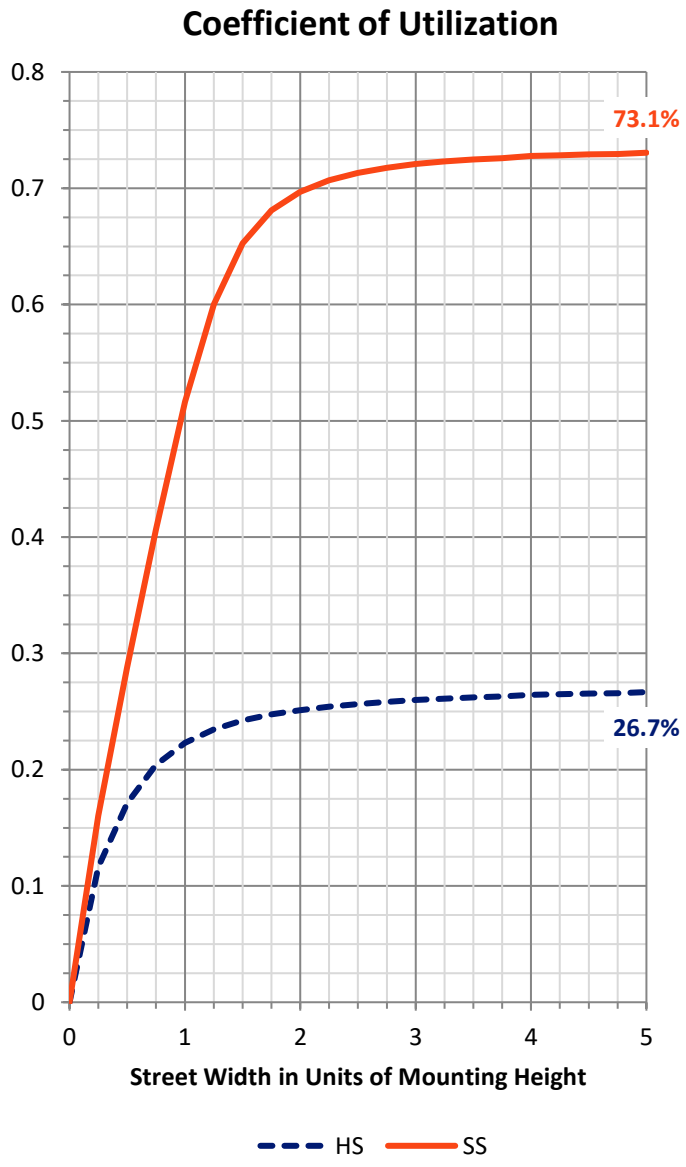
REPORT NUMBER: P1501372
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	11370.0	0.0	11370.0
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	30911.5	0.0	30911.5
	% Fixture	73.1	0.0	73.1
Total	Lumens	42281.5	0.0	42281.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	639.6	1.5
10°-20°	1838.7	4.3
20°-30°	3482.9	8.2
30°-40°	6140.1	14.5
40°-50°	9080.6	21.5
50°-60°	10663.1	25.2
60°-70°	7725.9	18.3
70°-80°	2382.6	5.6
80°-90°	328.0	0.8
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°	42281.5	100.0
0°-180°	42281.5	100.0



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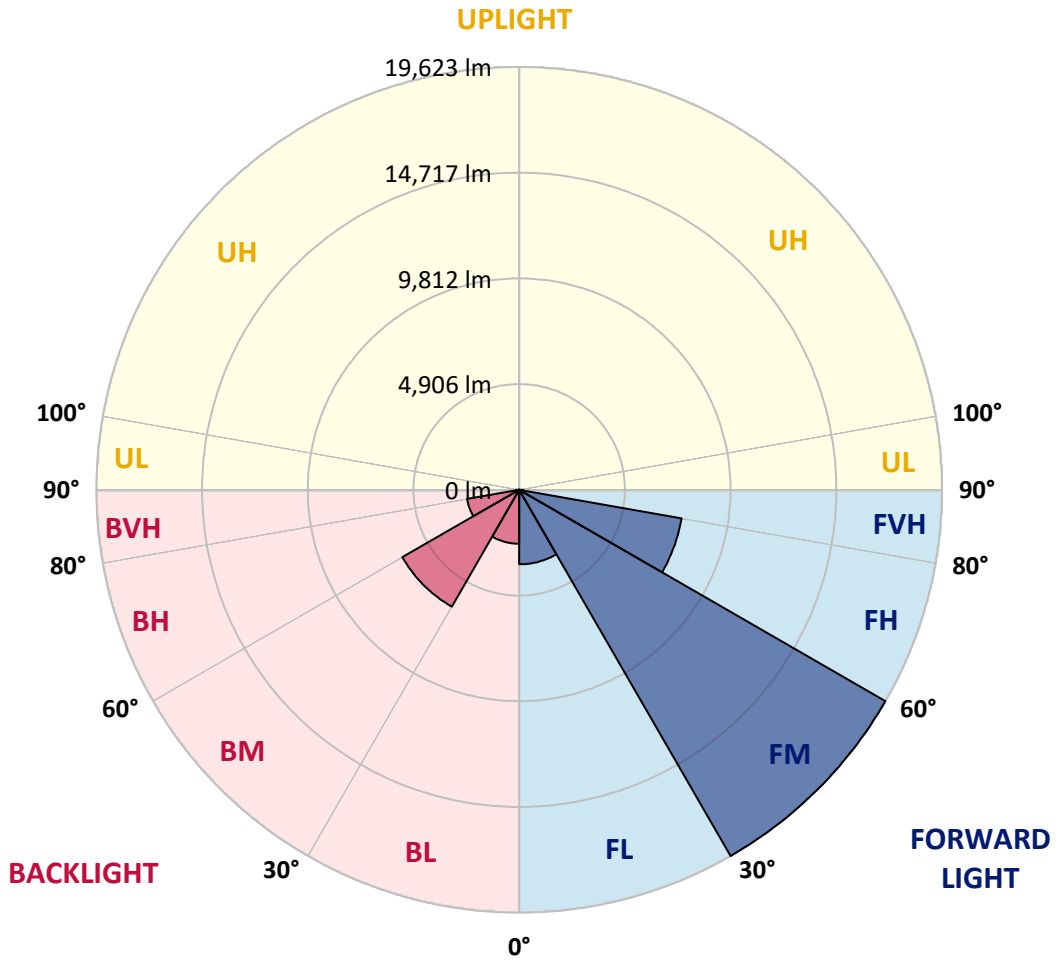
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	3457.2	8.2			
FM	(30°-60°)	19623.1	46.4			
FH	(60°-80°)	7654.3	18.1			G4/12000
FVH	(80°-90°)	176.9	0.4			G2/225
BL	(0°-30°)	2504.1	5.9	B4/5000		
BM	(30°-60°)	6260.7	14.8	B4/8500		
BH	(60°-80°)	2454.2	5.8	B3/2500		G3/2500
BVH	(80°-90°)	151.1	0.4			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G4
Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	67°	75°	85°
0°	6802.9	6802.9	6802.9	6802.9	6802.9	6802.9	6802.9	6802.9	6802.9	6802.9	6802.9
2.5°	6937.8	6957.1	6928.2	6947.4	6947.4	6918.5	6908.9	6870.4	6889.6	6880.0	6870.4
5°	7101.6	7111.2	7092.0	7120.9	7120.9	7130.5	7120.9	7072.7	7072.7	7072.7	7053.4
7.5°	7053.4	7053.4	7063.1	7159.4	7255.8	7381.1	7381.1	7361.8	7381.1	7371.4	7284.7
10°	6648.7	6687.3	6774.0	7014.9	7246.1	7516.0	7699.0	7756.8	7756.8	7766.5	7621.9
12.5°	5926.0	5954.9	6157.3	6523.5	7005.3	7496.7	7939.9	8229.0	8257.9	8306.1	8113.4
15°	5280.4	5299.7	5444.2	5820.0	6369.3	7236.5	8074.8	8672.3	8768.6	8971.0	8681.9
17.5°	5338.3	5328.6	5367.2	5511.7	5906.8	6812.5	8045.9	9192.6	9366.0	9722.6	9472.0
20°	5685.1	5685.1	5714.1	5743.0	5887.5	6504.2	7833.9	9616.6	9953.8	10647.6	10358.5
22.5°	6234.4	6234.4	6224.7	6272.9	6272.9	6639.1	7843.6	9934.5	10435.6	11678.6	11399.2
25°	6995.6	6957.1	6957.1	6976.3	6889.6	7149.8	8084.5	10262.2	10917.4	12902.4	12661.5
27.5°	7853.2	7882.1	7862.8	7795.4	7679.8	7882.1	8662.6	10772.9	11457.0	14193.6	14097.2
30°	8787.9	8797.5	8816.8	8778.2	8681.9	8826.4	9568.4	11543.7	12170.1	15542.6	15754.6
32.5°	9703.3	9838.2	9790.0	9693.7	9732.2	9992.4	10686.1	12584.4	13230.0	16795.3	17546.9
35°	10869.2	10917.4	11110.1	10753.6	10763.2	11206.5	12112.2	13952.7	14579.0	18096.1	19339.1
37.5°	12565.1	12651.9	12565.1	12006.3	11919.5	12536.2	13499.8	15301.7	15754.6	19079.0	21006.1
40°	14232.1	14338.1	14482.7	13827.4	13278.2	13788.9	14810.3	16332.7	16804.9	19618.6	22114.2
42.5°	15610.1	15783.5	15629.3	15436.6	14935.5	15031.9	15725.7	17132.5	17604.7	20302.7	23232.0
45°	16776.0	16804.9	16872.3	16737.4	16486.9	16400.2	16506.2	17835.9	18356.3	20611.1	23781.2
47.5°	17257.8	17383.0	17440.9	17672.1	17932.3	17758.8	17171.1	18163.6	18635.7	20591.8	23954.7
50°	16997.6	17122.9	17431.2	17980.5	18606.8	18915.1	17951.6	18616.4	19146.4	20938.7	24311.2
52.5°	16313.5	16448.4	16949.4	17575.8	18626.1	19329.5	19050.0	19560.7	20071.4	21555.4	24908.6
55°	14656.1	14858.5	15561.9	16602.5	18047.9	19107.9	20206.3	20948.3	21507.2	22297.3	25525.3
57.5°	12247.1	12459.1	13249.3	14810.3	16978.3	18192.5	20543.6	23550.0	23800.5	23183.8	25583.1
60°	*9173.3*	*9346.8*	*10464.5*	*11717.2*	*14261.0*	*16515.8*	*20350.9*	*26016.8*	*26652.7*	*23029.6*	*23742.7*
62.5°	7265.4	7477.4	8469.9	9048.0	10869.2	13644.3	19676.4	26700.9	27250.1	21757.7	21179.6
65°	5675.5	5820.0	6745.1	7573.8	8017.0	9317.9	16862.7	23357.3	23848.7	19686.0	17479.4
67.5°	3748.3	3970.0	5068.4	6205.5	6436.7	5926.0	11601.5	17970.8	18202.1	15648.6	13143.3
70°	2688.4	2794.4	3613.4	4827.6	5174.4	3970.0	6321.1	13605.8	13673.3	10503.1	8855.3
72.5°	1830.8	1850.1	2457.1	3700.2	4124.1	2881.1	3478.5	8961.3	8730.1	5184.1	5068.4
75°	1243.0	1262.3	1570.6	2466.8	2919.7	2004.3	2264.4	4885.4	4692.7	2861.8	3073.8
77.5°	838.3	857.6	1079.2	1657.4	1946.4	1387.6	1657.4	2582.4	2534.2	1898.3	1647.7
80°	636.0	664.9	799.8	1059.9	1358.7	809.4	944.3	1223.8	1243.0	1011.8	838.3
82.5°	356.5	395.1	481.8	539.6	876.9	452.9	452.9	732.3	703.4	626.3	452.9
85°	154.2	163.8	192.7	202.4	356.5	192.7	163.8	318.0	327.6	308.3	144.5
87.5°	28.9	28.9	28.9	28.9	28.9	28.9	28.9	38.5	38.5	38.5	38.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Scaled Data Report

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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	6802.9	6802.9	6802.9	6802.9	6802.9	6802.9	6802.9	6802.9	6802.9	6802.9	6802.9
2.5°	6822.2	6880.0	6822.2	6793.3	6793.3	6745.1	6725.8	6725.8	6658.4	6687.3	6668.0
5°	6976.3	6995.6	6928.2	6841.4	6725.8	6629.5	6494.6	6321.1	6215.1	6205.5	6215.1
7.5°	7217.2	7226.9	7043.8	6851.1	6562.0	6215.1	5800.8	5463.5	5164.8	5116.6	5174.4
10°	7554.5	7535.2	7265.4	6812.5	6205.5	5473.2	4837.2	4528.8	4355.4	4345.8	4336.1
12.5°	8007.4	7882.1	7467.8	6648.7	5588.8	4740.8	4413.2	4393.9	4442.1	4480.7	4490.3
15°	8527.7	8363.9	7631.6	6330.7	4962.5	4471.0	4490.3	4654.1	4711.9	4750.5	4750.5
17.5°	9173.3	8961.3	7814.7	5877.9	4644.5	4528.8	4663.7	4817.9	4914.3	4952.8	4943.2
20°	10030.9	9587.7	7959.2	5444.2	4557.8	4625.2	4740.8	4895.0	4991.4	5039.5	5039.5
22.5°	10888.5	10339.3	7988.1	5145.5	4557.8	4634.8	4740.8	4895.0	5001.0	5049.2	5039.5
25°	12054.4	11302.8	7997.7	4933.5	4567.4	4586.7	4683.0	4817.9	4972.1	5020.3	5039.5
27.5°	13297.5	12362.8	8045.9	4885.4	4528.8	4519.2	4586.7	4711.9	4866.1	4991.4	5001.0
30°	14839.2	13557.6	8065.2	4933.5	4538.5	4413.2	4461.4	4586.7	4750.5	4875.7	4914.3
32.5°	16352.0	14665.7	8026.7	5039.5	4557.8	4345.8	4355.4	4432.5	4605.9	4692.7	4760.1
35°	17951.6	15841.3	7959.2	5184.1	4567.4	4316.9	4230.1	4268.7	4384.3	4393.9	4422.8
37.5°	19204.2	16718.2	7756.8	5376.8	4586.7	4210.9	4037.4	4008.5	3960.3	3864.0	3883.2
40°	20235.3	17306.0	7419.6	5473.2	4538.5	4085.6	3796.5	3661.6	3478.5	3334.0	3362.9
42.5°	20977.2	17701.0	7014.9	5492.4	4461.4	3873.6	3517.1	3285.8	3083.5	2929.3	2938.9
45°	21304.8	17662.5	6581.3	5347.9	4278.3	3613.4	3256.9	3035.3	2813.7	2649.9	2630.6
47.5°	21314.5	17286.7	5983.9	5001.0	3970.0	3314.7	3016.0	2775.1	2592.0	2476.4	2466.8
50°	21391.6	17074.7	5425.0	4499.9	3565.3	2996.7	2804.0	2563.1	2457.1	2293.3	2245.1
52.5°	21873.3	17421.6	5039.5	3950.7	3189.5	2765.5	2620.9	2409.0	2235.5	2129.5	2119.9
55°	22653.8	18019.0	4827.6	3536.4	2832.9	2543.9	2447.5	2264.4	2110.2	2004.3	1975.3
57.5°	22750.2	18327.4	4577.0	3150.9	2543.9	2370.4	2331.9	2129.5	1907.9	1830.8	1801.9
60°	*21401.2*	*17807.0*	*4268.7*	*2794.4*	*2331.9*	*2235.5*	*2216.2*	*1946.4*	*1763.4*	*1667.0*	*1628.5*
62.5°	19560.7	16506.2	3796.5	2466.8	2168.1	2100.6	2023.5	1811.5	1580.3	1474.3	1445.4
65°	15985.9	13875.6	3228.0	2245.1	2004.3	1927.2	1907.9	1618.8	1464.6	1406.8	1397.2
67.5°	12112.2	11148.7	2842.6	2081.3	1830.8	1801.9	1734.5	1638.1	1570.6	1503.2	1483.9
70°	8566.3	8045.9	2418.6	1869.4	1657.4	1609.2	1888.6	1782.6	1541.7	1455.0	1445.4
72.5°	5193.7	5049.2	2091.0	1676.6	1426.1	1503.2	1744.1	1609.2	1387.6	1281.6	1243.0
75°	3276.2	2996.7	1753.7	1426.1	1137.0	1223.8	1522.5	1435.7	1194.8	1088.8	1059.9
77.5°	1782.6	1657.4	1320.1	1165.9	896.1	992.5	1329.7	1185.2	953.9	1040.7	925.0
80°	780.5	867.2	876.9	674.5	597.4	732.3	953.9	925.0	732.3	742.0	616.7
82.5°	375.8	491.4	568.5	462.5	337.3	433.6	636.0	530.0	491.4	462.5	443.2
85°	115.6	183.1	250.5	221.6	154.2	183.1	298.7	289.1	346.9	298.7	279.4
87.5°	38.5	38.5	28.9	28.9	28.9	38.5	48.2	28.9	9.6	9.6	0.0
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°	6802.9	6802.9	6802.9	6802.9	6802.9	6802.9	6802.9	6802.9	6802.9	6802.9	6802.9
2.5°	6658.4	6668.0	6668.0	6677.6	6677.6	6706.5	6745.1	6783.6	6754.7	6793.3	6802.9
5°	6195.8	6244.0	6282.6	6427.1	6542.7	6639.1	6745.1	6841.4	6870.4	6889.6	6937.8
7.5°	5107.0	5241.9	5492.4	5820.0	6186.2	6542.7	6783.6	7034.2	7072.7	7120.9	7188.3
10°	4345.8	4403.6	4577.0	4914.3	5569.5	6272.9	6860.7	7255.8	7419.6	7516.0	7583.4
12.5°	4471.0	4432.5	4403.6	4451.8	4875.7	5781.5	6812.5	7573.8	7882.1	7988.1	8074.8
15°	4769.7	4731.2	4625.2	4490.3	4538.5	5261.2	6648.7	7872.5	8363.9	8537.4	8720.4
17.5°	4943.2	4904.6	4817.9	4673.4	4548.1	4827.6	6340.4	8142.3	9125.1	9337.1	9597.3
20°	5039.5	5001.0	4914.3	4769.7	4625.2	4663.7	5945.3	8479.5	9992.4	10329.6	10715.0
22.5°	5058.8	5010.6	4914.3	4769.7	4683.0	4654.1	5569.5	8681.9	10927.0	11447.4	11890.6
25°	5049.2	4962.5	4837.2	4731.2	4683.0	4673.4	5309.3	8797.5	11938.8	12767.5	13268.5
27.5°	4981.7	4875.7	4750.5	4673.4	4654.1	4711.9	5193.7	8932.4	13124.0	14184.0	14983.7
30°	4904.6	4750.5	4596.3	4567.4	4615.6	4798.6	5290.1	8980.6	14367.0	15725.7	16544.7
32.5°	4702.3	4586.7	4432.5	4422.8	4538.5	4866.1	5511.7	8913.1	15465.5	17267.4	18298.5
35°	4413.2	4345.8	4259.0	4287.9	4471.0	4923.9	5665.9	8701.2	16467.6	18703.2	19907.6
37.5°	3902.5	3950.7	3998.9	4066.3	4297.6	4914.3	5733.3	8363.9	17296.3	19849.8	21391.6
40°	3334.0	3497.8	3652.0	3825.4	4133.8	4837.2	5752.6	7949.6	17778.1	20717.0	22711.7
42.5°	2977.5	3131.6	3324.4	3574.9	3912.1	4663.7	5733.3	7487.0	17932.3	21314.5	23550.0
45°	2649.9	2832.9	3073.8	3334.0	3719.4	4413.2	5559.9	6986.0	18009.4	21593.9	23906.5
47.5°	2476.4	2582.4	2804.0	3064.2	3468.9	4104.9	5222.6	6619.8	17893.7	21651.7	24340.1
50°	2274.1	2418.6	2563.1	2813.7	3208.7	3719.4	4817.9	6407.8	18086.5	22220.2	25024.3
52.5°	2119.9	2197.0	2351.1	2582.4	2871.5	3362.9	4432.5	6234.4	18616.4	22798.4	25737.3
55°	2004.3	2091.0	2187.3	2380.1	2601.7	3006.4	4037.4	5974.2	19233.1	23415.1	26450.4
57.5°	1821.2	1879.0	2013.9	2216.2	2360.8	2659.5	3574.9	5665.9	19184.9	22933.3	25217.0
60°	*1657.4*	*1715.2*	*1859.7*	*2062.1*	*2148.8*	*2351.1*	*3122.0*	*5270.8*	*18259.9*	*21362.6*	*22942.9*
62.5°	1474.3	1541.7	1715.2	1859.7	1936.8	2091.0	2649.9	4548.1	16332.7	19001.9	20283.4
65°	1397.2	1435.7	1551.4	1724.8	1715.2	1859.7	2235.5	3574.9	13143.3	14521.2	15687.1
67.5°	1483.9	1541.7	1522.5	1570.6	1541.7	1618.8	2004.3	2871.5	10329.6	10936.7	11611.2
70°	1464.6	1599.5	1667.0	1570.6	1349.0	1435.7	1734.5	2293.3	7390.7	7332.9	7304.0
72.5°	1281.6	1416.5	1609.2	1705.5	1320.1	1194.8	1503.2	1985.0	4740.8	4721.6	4268.7
75°	1088.8	1185.2	1416.5	1541.7	1137.0	963.6	1291.2	1686.3	2832.9	2871.5	2563.1
77.5°	1002.1	953.9	1185.2	1358.7	925.0	742.0	1040.7	1271.9	1561.0	1580.3	1464.6
80°	722.7	693.8	886.5	992.5	703.4	530.0	587.8	790.1	838.3	751.6	780.5
82.5°	462.5	472.2	530.0	636.0	433.6	289.1	404.7	530.0	452.9	366.2	433.6
85°	298.7	337.3	279.4	327.6	134.9	134.9	173.4	231.3	154.2	106.0	115.6
87.5°	0.0	0.0	19.3	38.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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: P1501372
CATALOG NUMBER: GSS-SB6D-722-U-T2LG

CANDELA DISTRIBUTION (continued):

	285°	293°	295°	305°	315°	325°	335°	345°	355°	360°
0°	6802.9	6802.9	*6802.9*	6802.9	6802.9	6802.9	6802.9	6802.9	6802.9	6802.9
2.5°	6831.8	6822.2	*6822.2*	6841.4	6889.6	6908.9	6937.8	6928.2	6957.1	6937.8
5°	6966.7	6976.3	*7005.3*	7014.9	7043.8	7082.3	7092.0	7082.3	7101.6	7101.6
7.5°	7236.5	7275.1	*7255.8*	7304.0	7265.4	7217.2	7140.2	7082.3	7034.2	7053.4
10°	7689.4	7670.1	*7660.5*	7573.8	7400.3	7149.8	6947.4	6725.8	6687.3	6648.7
12.5°	8190.5	8171.2	*8171.2*	7872.5	7381.1	6860.7	6398.2	6051.3	5935.7	5926.0
15°	8893.9	8768.6	*8653.0*	8026.7	7043.8	6157.3	5617.7	5347.9	5280.4	5280.4
17.5°	9770.7	9443.1	*9250.4*	7911.0	6494.6	5694.8	5376.8	5309.3	5290.1	5338.3
20°	10859.6	10030.9	*9751.5*	7650.9	6292.2	5752.6	5598.4	5608.1	5617.7	5685.1
22.5°	12054.4	10570.5	*10108.0*	7650.9	6494.6	6118.8	6041.7	6147.7	6176.6	6234.4
25°	13384.2	11052.3	*10426.0*	8055.6	7092.0	6812.5	6716.2	6822.2	6899.3	6995.6
27.5°	14877.7	11553.4	*10975.2*	8787.9	7862.8	7689.4	7583.4	7631.6	7737.6	7853.2
30°	16217.1	12391.7	*11813.5*	9905.6	8913.1	8701.2	8518.1	8595.2	8710.8	8787.9
32.5°	17402.3	13413.1	*12921.7*	11081.2	10117.6	9751.5	9549.1	9529.8	9761.1	9703.3
35°	18491.2	14617.6	*14145.4*	12420.6	11341.4	10888.5	10618.7	10965.6	10811.4	10869.2
37.5°	19348.8	15870.2	*15494.4*	13702.2	12613.3	11996.6	11832.8	12256.8	12497.7	12565.1
40°	20052.2	16959.1	*16564.0*	14974.1	13779.2	13326.4	13586.5	14289.9	14261.0	14232.1
42.5°	20591.8	17893.7	*17460.1*	15937.7	14897.0	14983.7	15186.1	15658.2	15773.9	15610.1
45°	20832.7	18481.5	*18134.6*	16698.9	16168.9	16670.0	16756.7	16959.1	16882.0	16776.0
47.5°	21112.1	19001.9	*18635.7*	17392.7	17546.9	18038.3	17864.8	17701.0	17421.6	17257.8
50°	21584.3	19618.6	*19310.2*	18404.4	18963.3	18799.5	18125.0	17758.8	17190.3	16997.6
52.5°	22480.4	20784.5	*20553.2*	20004.0	19628.2	18683.9	17864.8	17209.6	16573.6	16313.5
55°	23280.2	22364.8	*22229.9*	21497.5	19425.8	18076.8	16978.3	15966.6	14877.7	14656.1
57.5°	23742.7	24985.7	*25139.9*	22133.5	18500.8	16698.9	15080.1	13461.3	12430.2	12247.1
60°	*22364.8*	*27818.7*	*27895.7*	*22008.2*	*16833.8*	*14212.9*	*11746.1*	*10599.4*	*9491.3*	*9173.3*
62.5°	20466.5	27230.9	*27163.4*	21256.7	13403.4	10368.2	8922.8	8383.2	7525.6	7265.4
65°	17595.0	22682.8	*22759.8*	18365.9	8913.1	7496.7	7496.7	6812.5	5858.6	5675.5
67.5°	14338.1	17489.0	*17315.6*	11909.9	5473.2	6003.1	6292.2	5309.3	3970.0	3748.3
70°	9317.9	13355.3	*13114.4*	6870.4	3440.0	5001.0	4952.8	3989.2	2842.6	2688.4
72.5°	4008.5	7718.3	*8209.7*	3507.4	2592.0	4027.8	3950.7	2794.4	1898.3	1830.8
75°	2418.6	3883.2	*4230.1*	2235.5	1888.6	3035.3	2736.6	1773.0	1291.2	1243.0
77.5°	1532.1	2129.5	*2110.2*	1676.6	1416.5	2052.4	1840.4	1223.8	876.9	838.3
80°	886.5	1050.3	*1088.8*	1050.3	953.9	1464.6	1175.6	886.5	684.1	636.0
82.5°	568.5	655.2	*664.9*	510.7	530.0	944.3	636.0	520.3	395.1	356.5
85°	250.5	279.4	*269.8*	173.4	173.4	385.4	221.6	212.0	154.2	154.2
87.5°	9.6	19.3	*9.6*	9.6	9.6	38.5	19.3	28.9	28.9	28.9
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

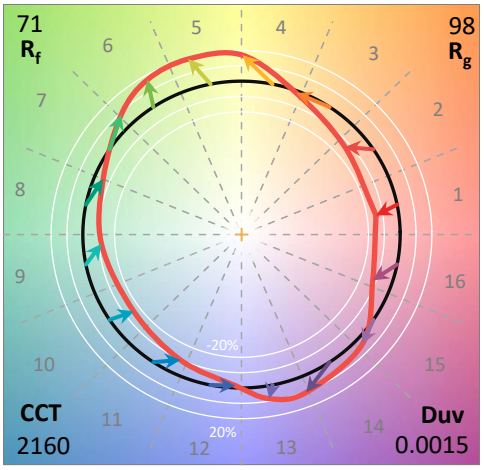
Test Information

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

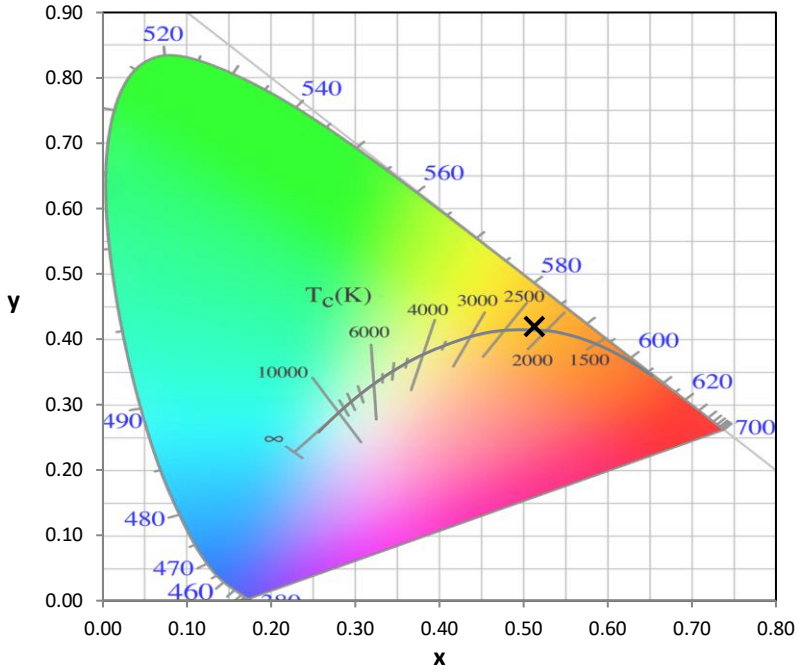
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-2

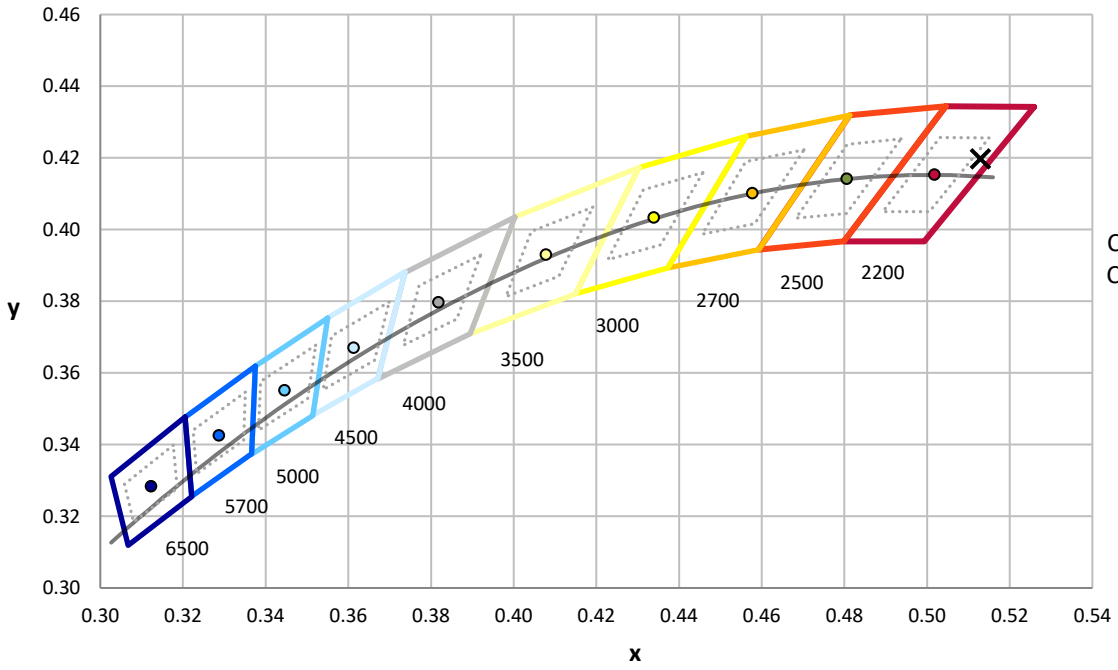
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

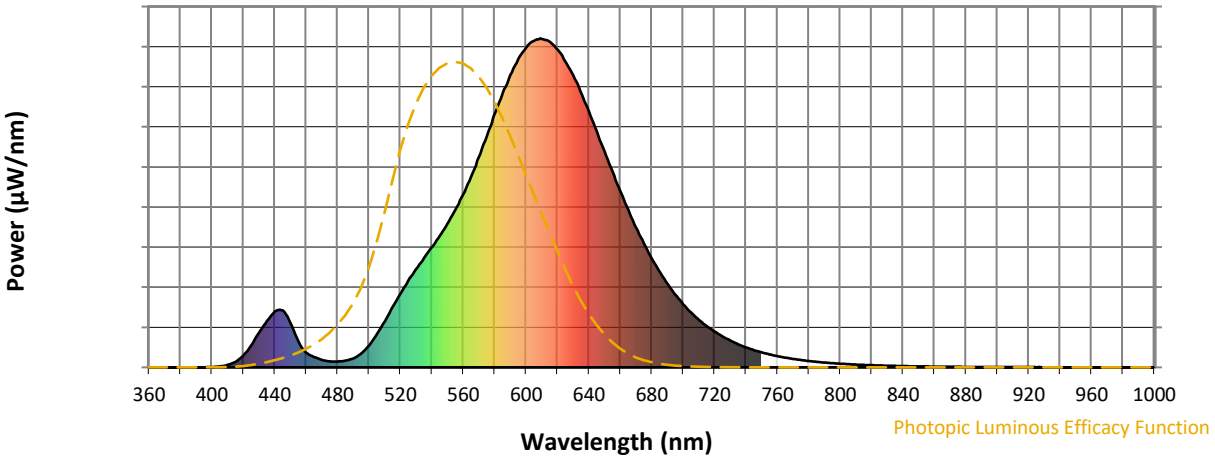


CCT = 2160K
CIE x = 0.5130
CIE y = 0.4197
Duv = 0.0015

Point lies inside the ANSI 2200K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-2

Photopic Flux vs. Wavelength

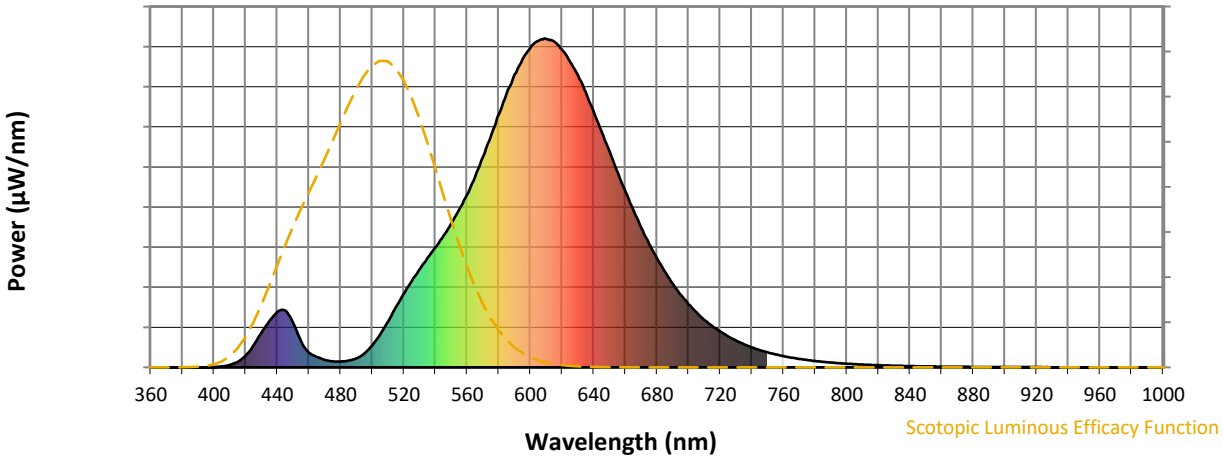


Photopic Lumens: NR

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

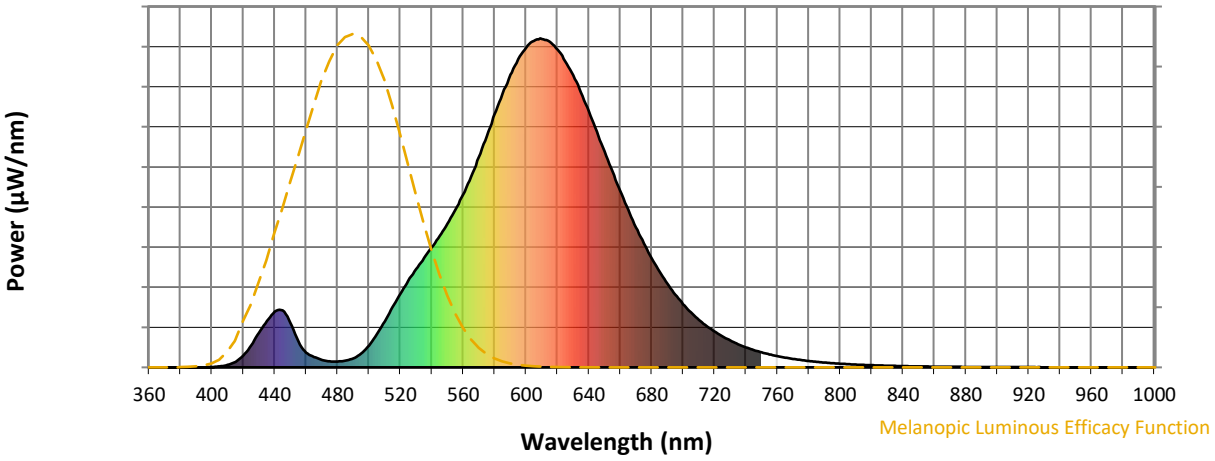


Scotopic Lumens: NR **S/P: 0.8**

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			

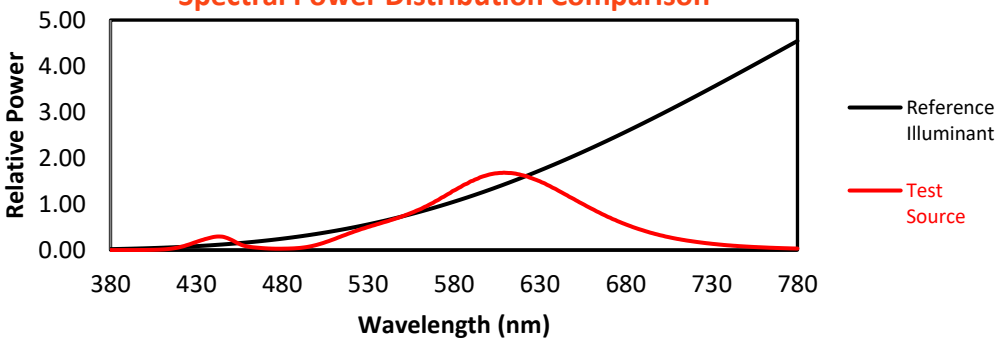
REPORT NUMBER: SP1-2407-184-2

TM-30-18

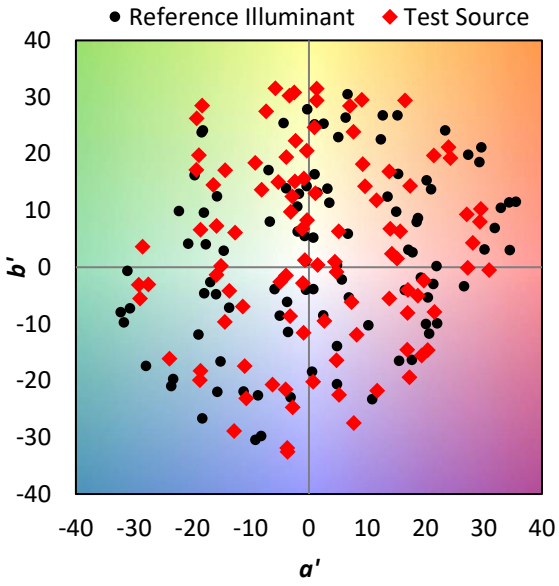
Summary

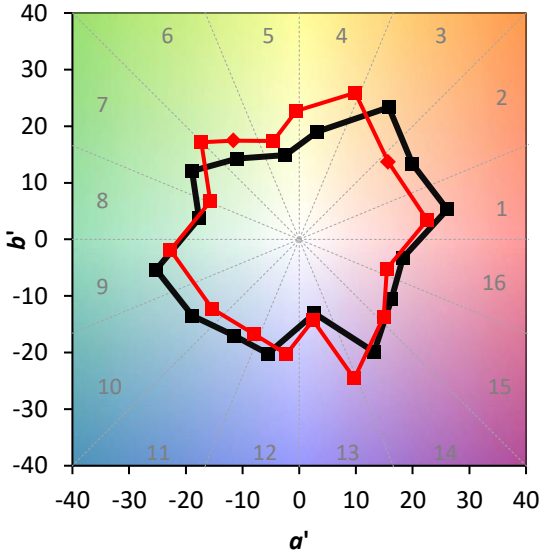
R_f = 70.6
R_g = 97.6
CIE R_a = 71.9
R_9 = -17.8

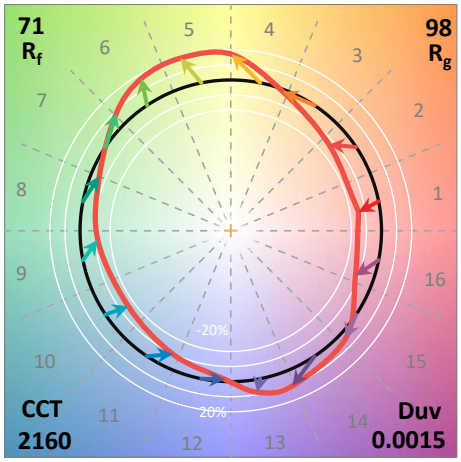
Spectral Power Distribution Comparison

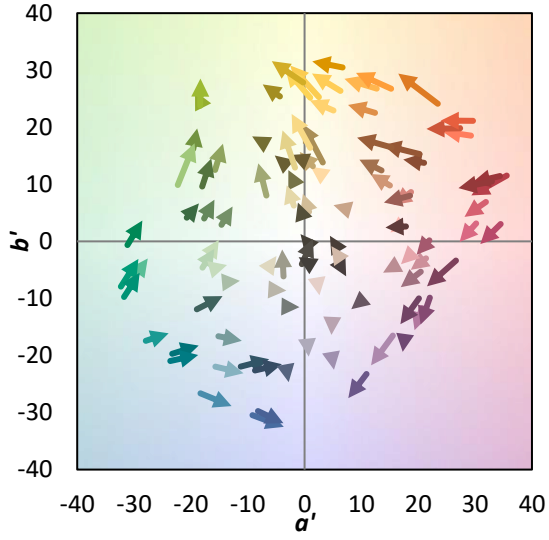


Color Vector Graphics







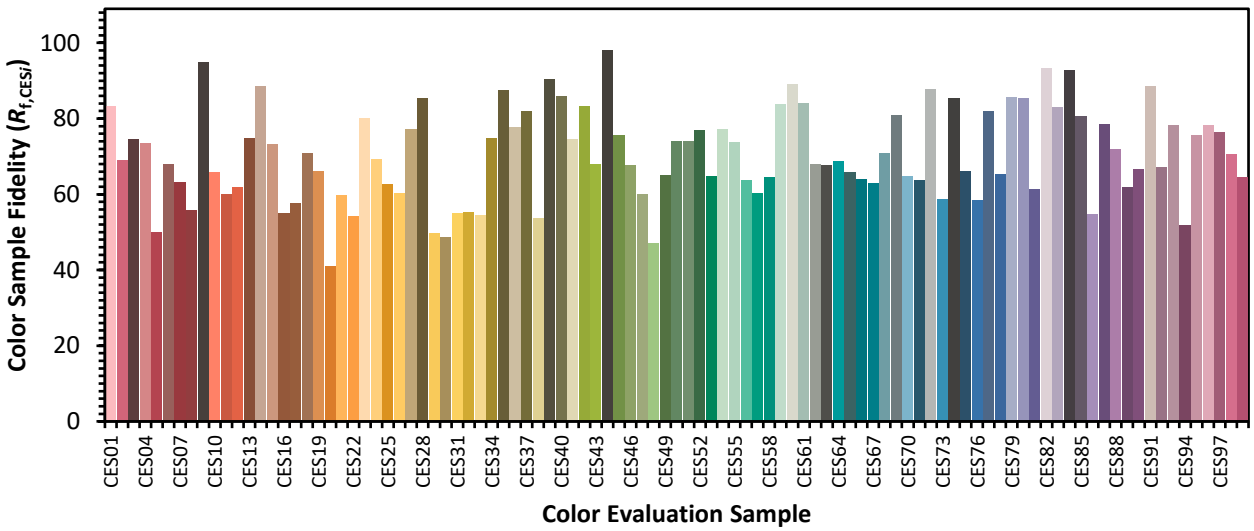


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Individual Sample Fidelity Index ($R_{f,i}$)

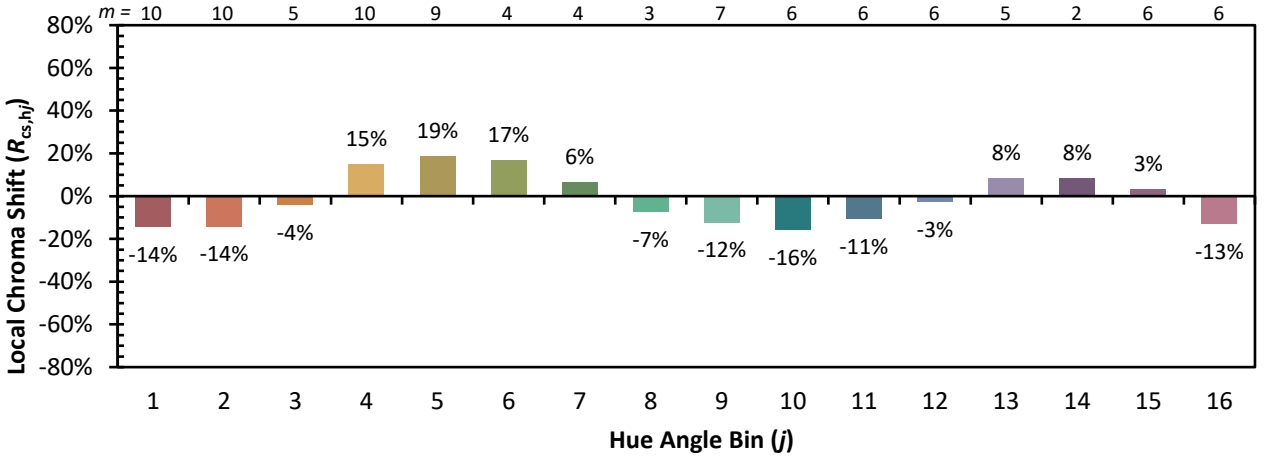
CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82 = 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	

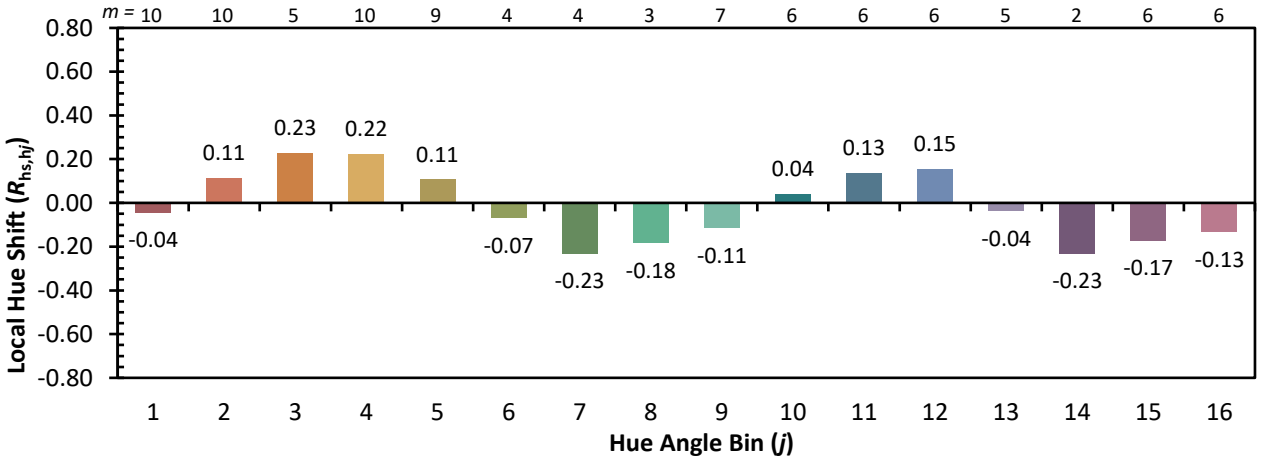


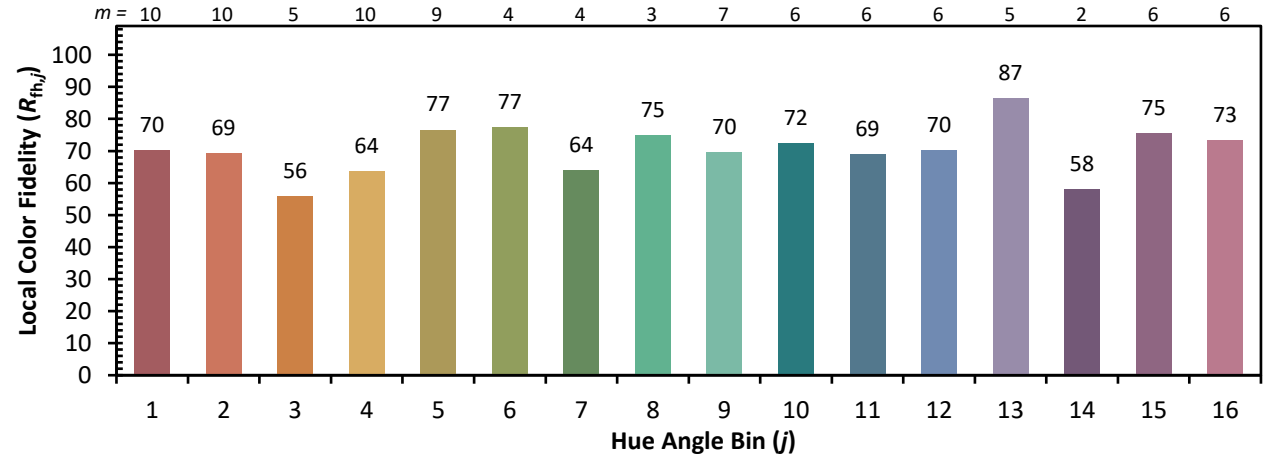
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Color Rendition by Hue-Angle Bin



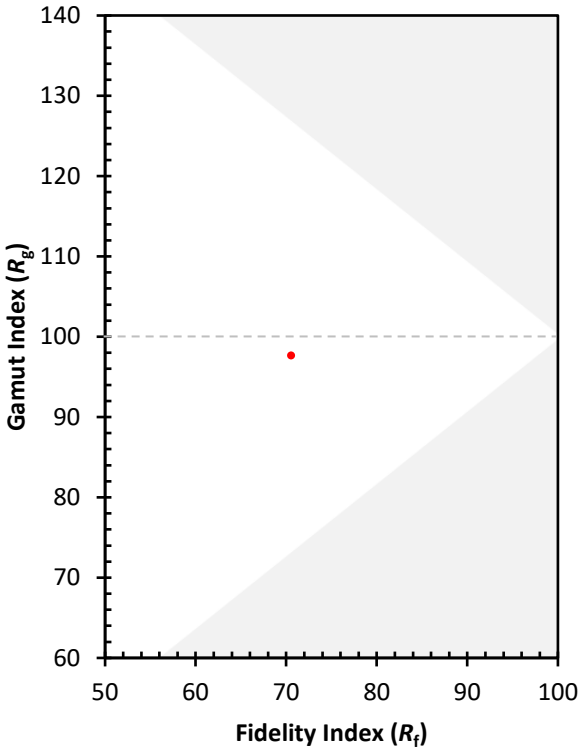


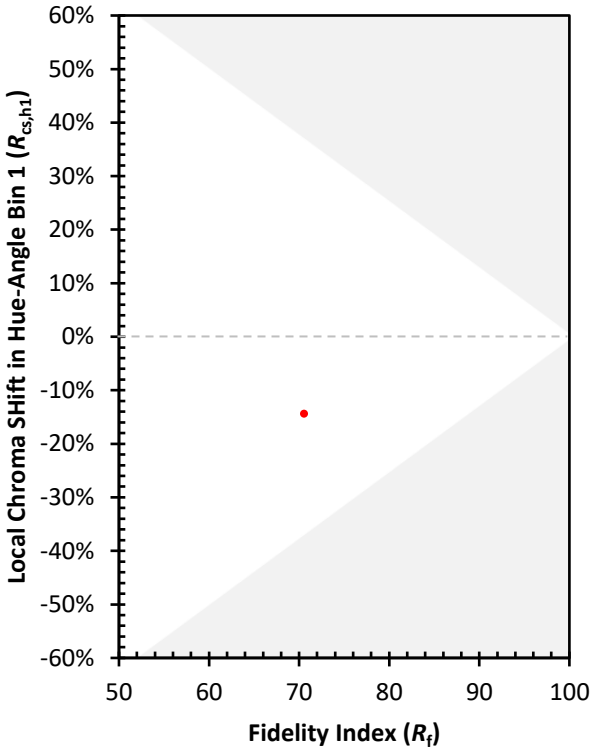


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Measure Comparisons





(END OF REPORT)