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: P1501468

Luminaire Tested: GSS-SB6D-750-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:	P1501468
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB6D-750-U-T2LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 6SQUARE 362W 70CRI 5000K FIXTURE w/ TYPE II LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(156) 5000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	54137.7 lumens
Efficiency:	N/A
Efficacy:	149.6 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B4 - U0 - G4

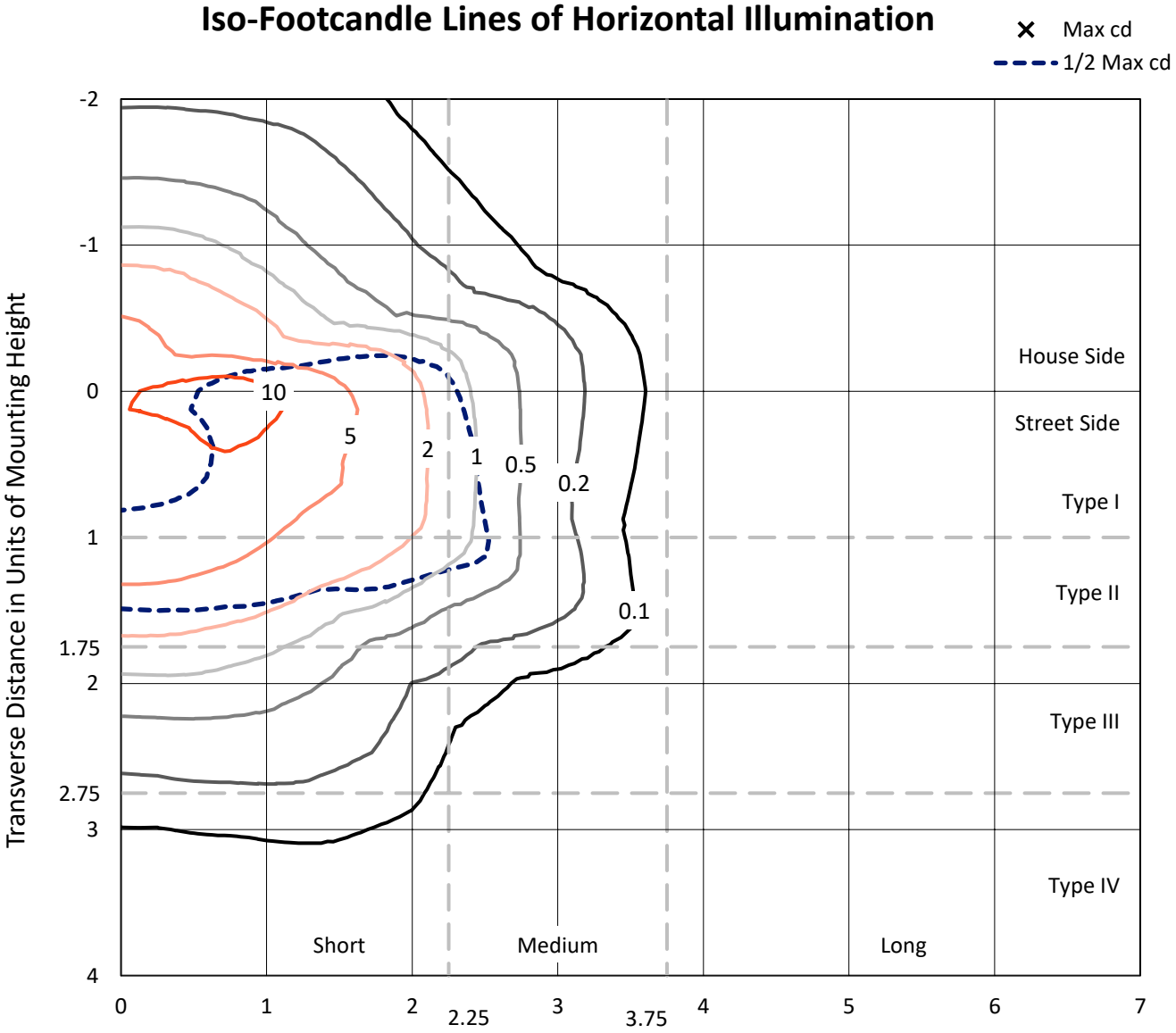
Input Watts (W):	362
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	--
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination



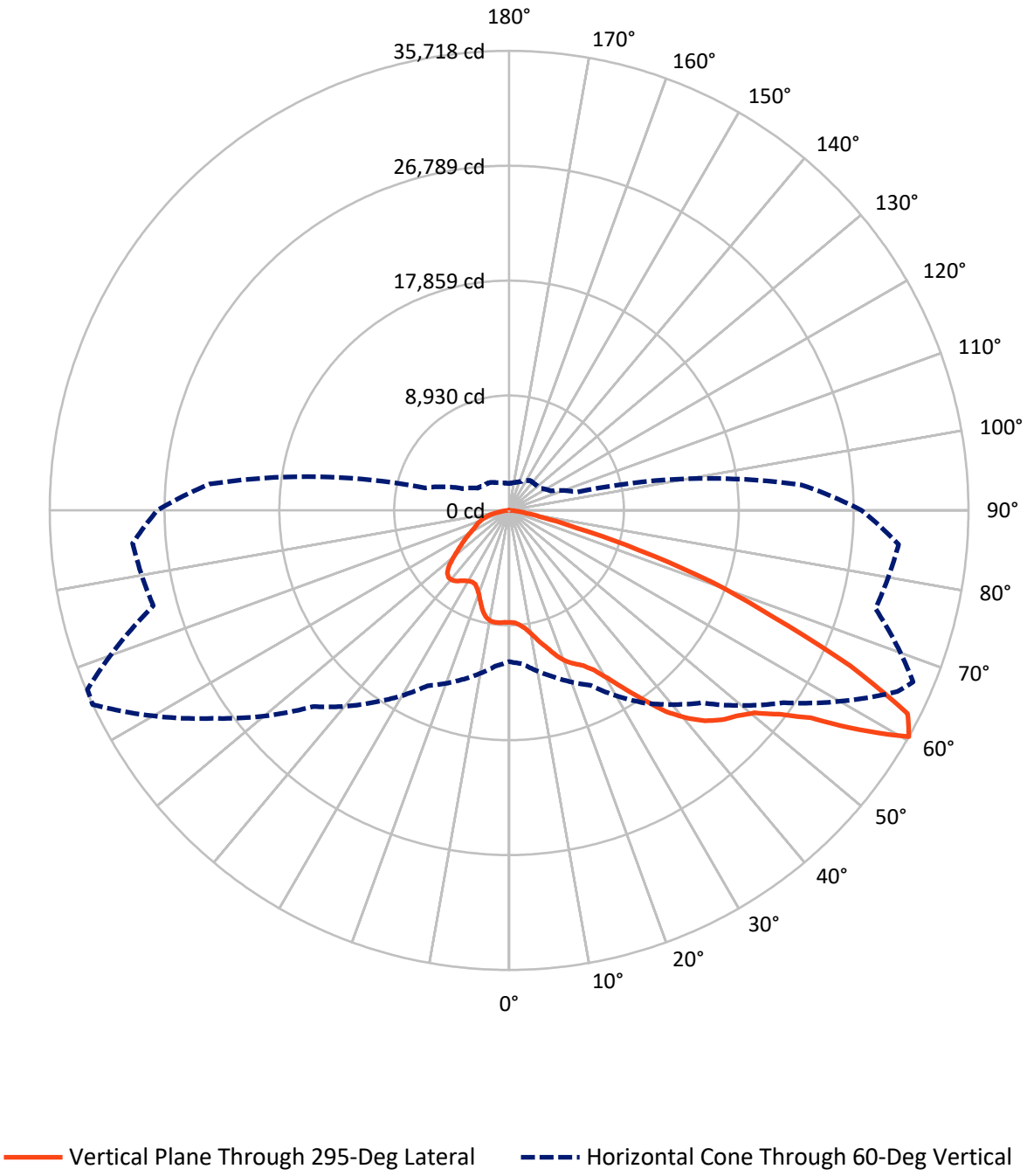
Based on 30 foot mounting height. Maximum calculated value = 14.6 fc
Type II - Short - N/A

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Luminous Intensity Polar Plot



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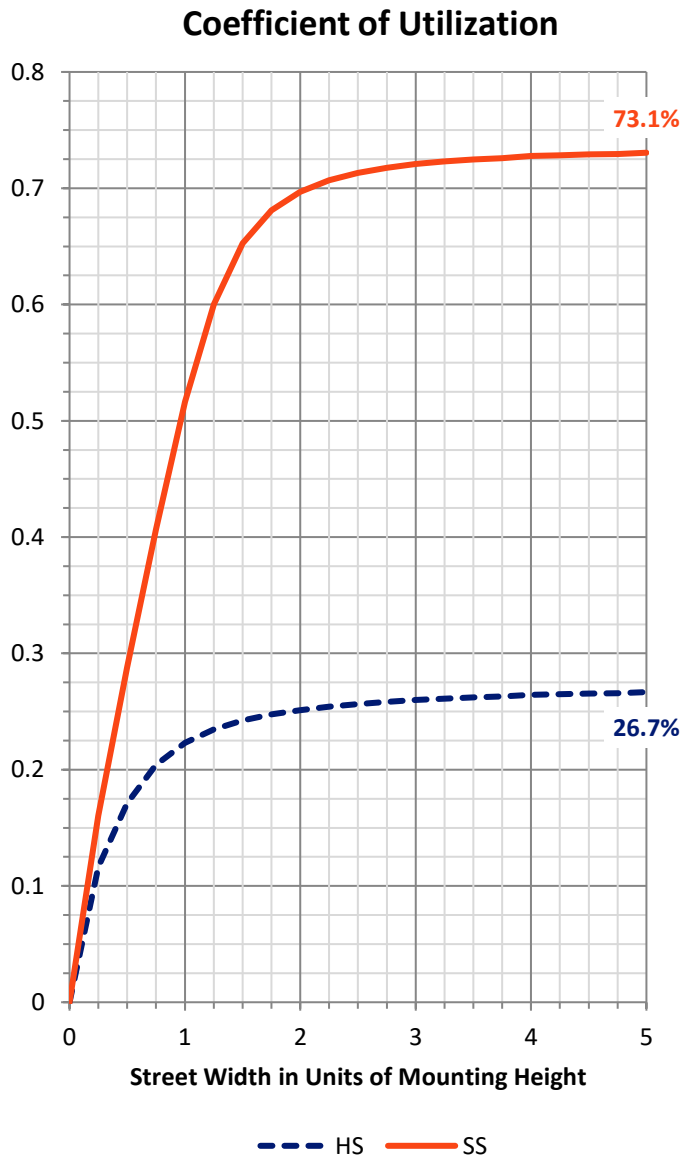
REPORT NUMBER: P1501468
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	14558.3	0.0	14558.3
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	39579.4	0.0	39579.4
	% Fixture	73.1	0.0	73.1
Total	Lumens	54137.7	0.0	54137.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	819.0	1.5
10°-20°	2354.3	4.3
20°-30°	4459.5	8.2
30°-40°	7861.9	14.5
40°-50°	11626.9	21.5
50°-60°	13653.1	25.2
60°-70°	9892.3	18.3
70°-80°	3050.7	5.6
80°-90°	420.0	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°	54137.7	100.0
0°-180°	54137.7	100.0



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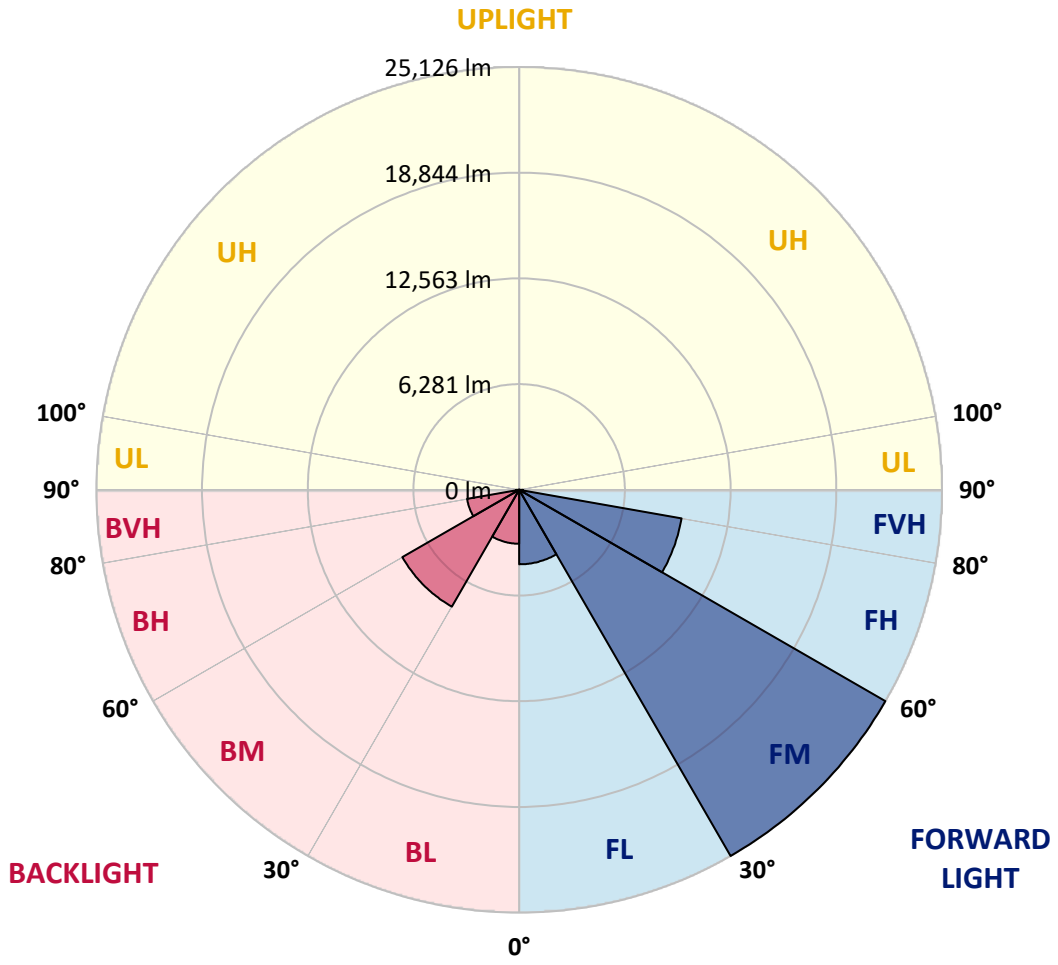
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	4426.6	8.2			
FM	(30°-60°)	25125.6	46.4			
FH	(60°-80°)	9800.6	18.1			G4/12000
FVH	(80°-90°)	226.5	0.4			G3/500
BL	(0°-30°)	3206.2	5.9	B4/5000		
BM	(30°-60°)	8016.2	14.8	B4/8500		
BH	(60°-80°)	3142.4	5.8	B4/5000		G4/5000
BVH	(80°-90°)	193.4	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°	8710.5	8710.5	8710.5	8710.5	8710.5	8710.5	8710.5	8710.5	8710.5	8710.5	8710.5
2.5°	8883.2	8907.9	8870.9	8895.6	8895.6	8858.6	8846.2	8796.9	8821.5	8809.2	8796.9
5°	9093.0	9105.3	9080.6	9117.6	9117.6	9130.0	9117.6	9056.0	9056.0	9056.0	9031.3
7.5°	9031.3	9031.3	9043.6	9167.0	9290.4	9450.8	9450.8	9426.1	9450.8	9438.4	9327.4
10°	8513.1	8562.4	8673.5	8981.9	9278.0	9623.5	9857.9	9931.9	9931.9	9944.3	9759.2
12.5°	7587.8	7624.8	7883.9	8352.7	8969.6	9598.8	10166.4	10536.5	10573.5	10635.2	10388.4
15°	6761.1	6785.8	6970.9	7452.0	8155.3	9265.7	10339.1	11104.0	11227.4	11486.5	11116.4
17.5°	6835.2	6822.8	6872.2	7057.2	7563.1	8722.8	10302.1	11770.3	11992.4	12448.9	12128.1
20°	7279.3	7279.3	7316.3	7353.3	7538.4	8328.0	10030.6	12313.1	12745.0	13633.3	13263.2
22.5°	7982.6	7982.6	7970.2	8031.9	8031.9	8500.8	10043.0	12720.3	13361.9	14953.4	14595.6
25°	8957.3	8907.9	8907.9	8932.6	8821.5	9154.7	10351.4	13139.8	13978.7	16520.3	16211.9
27.5°	10055.3	10092.3	10067.7	9981.3	9833.2	10092.3	11091.7	13793.7	14669.7	18173.6	18050.2
30°	11252.1	11264.4	11289.1	11239.8	11116.4	11301.4	12251.5	14780.7	15582.7	19900.9	20172.3
32.5°	12424.2	12596.9	12535.2	12411.8	12461.2	12794.3	13682.6	16113.2	16939.8	21504.8	22467.2
35°	13917.1	13978.7	14225.5	13769.0	13781.3	14348.9	15508.6	17865.2	18667.1	23170.4	24762.0
37.5°	16088.5	16199.6	16088.5	15372.9	15261.9	16051.5	17285.3	19592.5	20172.3	24428.9	26896.4
40°	18223.0	18358.7	18543.7	17704.8	17001.5	17655.4	18963.2	20912.6	21517.2	25119.8	28315.3
42.5°	19987.3	20209.3	20011.9	19765.2	19123.6	19247.0	20135.3	21936.6	22541.2	25995.8	29746.5
45°	21480.1	21517.2	21603.5	21430.8	21110.0	20999.0	21134.7	22837.3	23503.5	26390.6	30449.7
47.5°	22097.0	22257.4	22331.5	22627.6	22960.7	22738.6	21986.0	23256.8	23861.3	26365.9	30671.8
50°	21763.9	21924.3	22319.1	23022.4	23824.3	24219.1	22985.4	23836.7	24515.2	26810.1	31128.3
52.5°	20887.9	21060.7	21702.2	22504.2	23849.0	24749.7	24391.9	25045.8	25699.7	27599.7	31893.3
55°	18765.8	19024.9	19925.6	21258.1	23108.7	24465.9	25872.4	26822.4	27538.0	28549.7	32682.9
57.5°	15681.4	15952.8	16964.5	18963.2	21739.2	23293.8	26304.2	30153.6	30474.4	29684.8	32756.9
60°	*11745.6*	*11967.7*	*13398.9*	*15002.8*	*18260.0*	*21147.0*	*26057.5*	*33312.1*	*34126.4*	*29487.4*	*30400.4*
62.5°	9302.7	9574.1	10844.9	11585.2	13917.1	17470.4	25193.8	34188.1	34891.3	27858.8	27118.5
65°	7267.0	7452.0	8636.5	9697.5	10265.1	11930.7	21591.2	29906.9	30536.1	25206.2	22380.8
67.5°	4799.4	5083.2	6489.7	7945.6	8241.7	7587.8	14854.7	23010.0	23306.1	20036.6	16828.8
70°	3442.3	3578.0	4626.7	6181.2	6625.4	5083.2	8093.6	17421.0	17507.4	13448.2	11338.5
72.5°	2344.2	2368.9	3146.1	4737.7	5280.6	3689.0	4454.0	11474.2	11178.1	6637.7	6489.7
75°	1591.6	1616.3	2011.1	3158.5	3738.4	2566.3	2899.4	6255.3	6008.5	3664.3	3935.8
77.5°	1073.4	1098.1	1381.8	2122.1	2492.2	1776.6	2122.1	3306.5	3244.8	2430.6	2109.8
80°	814.3	851.3	1024.0	1357.2	1739.6	1036.4	1209.1	1566.9	1591.6	1295.5	1073.4
82.5°	456.5	505.9	616.9	690.9	1122.7	579.9	579.9	937.7	900.7	802.0	579.9
85°	197.4	209.7	246.8	259.1	456.5	246.8	209.7	407.1	419.5	394.8	185.1
87.5°	37.0	37.0	37.0	37.0	37.0	37.0	37.0	49.4	49.4	49.4	49.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	8710.5	8710.5	8710.5	8710.5	8710.5	8710.5	8710.5	8710.5	8710.5	8710.5	8710.5
2.5°	8735.2	8809.2	8735.2	8698.2	8698.2	8636.5	8611.8	8611.8	8525.4	8562.4	8537.8
5°	8932.6	8957.3	8870.9	8759.9	8611.8	8488.4	8315.7	8093.6	7957.9	7945.6	7957.9
7.5°	9241.0	9253.4	9018.9	8772.2	8402.1	7957.9	7427.4	6995.5	6613.1	6551.4	6625.4
10°	9672.8	9648.2	9302.7	8722.8	7945.6	7007.9	6193.6	5798.8	5576.7	5564.4	5552.0
12.5°	10252.7	10092.3	9561.8	8513.1	7155.9	6070.2	5650.7	5626.0	5687.7	5737.1	5749.4
15°	10919.0	10709.2	9771.6	8105.9	6354.0	5724.7	5749.4	5959.2	6033.2	6082.5	6082.5
17.5°	11745.6	11474.2	10006.0	7526.1	5946.8	5798.8	5971.5	6168.9	6292.3	6341.6	6329.3
20°	12843.7	12276.1	10191.0	6970.9	5835.8	5922.2	6070.2	6267.6	6391.0	6452.7	6452.7
22.5°	13941.7	13238.5	10228.1	6588.4	5835.8	5934.5	6070.2	6267.6	6403.3	6465.0	6452.7
25°	15434.6	14472.3	10240.4	6317.0	5848.1	5872.8	5996.2	6168.9	6366.3	6428.0	6452.7
27.5°	17026.2	15829.4	10302.1	6255.3	5798.8	5786.4	5872.8	6033.2	6230.6	6391.0	6403.3
30°	19000.2	17359.3	10326.8	6317.0	5811.1	5650.7	5712.4	5872.8	6082.5	6242.9	6292.3
32.5°	20937.3	18778.2	10277.4	6452.7	5835.8	5564.4	5576.7	5675.4	5897.5	6008.5	6094.9
35°	22985.4	20283.4	10191.0	6637.7	5848.1	5527.3	5416.3	5465.7	5613.7	5626.0	5663.1
37.5°	24589.3	21406.1	9931.9	6884.5	5872.8	5391.6	5169.5	5132.5	5070.8	4947.5	4972.1
40°	25909.4	22158.7	9500.1	7007.9	5811.1	5231.2	4861.1	4688.4	4454.0	4268.9	4305.9
42.5°	26859.4	22664.6	8981.9	7032.6	5712.4	4959.8	4503.3	4207.2	3948.1	3750.7	3763.0
45°	27278.9	22615.2	8426.7	6847.5	5478.0	4626.7	4170.2	3886.4	3602.6	3392.9	3368.2
47.5°	27291.3	22134.0	7661.8	6403.3	5083.2	4244.2	3861.7	3553.3	3318.9	3170.8	3158.5
50°	27390.0	21862.6	6946.2	5761.8	4565.0	3837.1	3590.3	3281.9	3146.1	2936.4	2874.7
52.5°	28006.8	22306.8	6452.7	5058.5	4083.8	3541.0	3355.9	3084.5	2862.4	2726.7	2714.3
55°	29006.2	23071.7	6181.2	4528.0	3627.3	3257.2	3133.8	2899.4	2702.0	2566.3	2529.3
57.5°	29129.6	23466.5	5860.5	4034.5	3257.2	3035.1	2985.8	2726.7	2442.9	2344.2	2307.2
60°	*27402.3*	*22800.3*	*5465.7*	*3578.0*	*2985.8*	*2862.4*	*2837.7*	*2492.2*	*2257.8*	*2134.4*	*2085.1*
62.5°	25045.8	21134.7	4861.1	3158.5	2776.0	2689.6	2590.9	2319.5	2023.4	1887.7	1850.7
65°	20468.4	17766.5	4133.2	2874.7	2566.3	2467.6	2442.9	2072.8	1875.3	1801.3	1789.0
67.5°	15508.6	14274.9	3639.7	2665.0	2344.2	2307.2	2220.8	2097.4	2011.1	1924.7	1900.0
70°	10968.3	10302.1	3096.8	2393.5	2122.1	2060.4	2418.2	2282.5	1974.1	1863.0	1850.7
72.5°	6650.1	6465.0	2677.3	2146.8	1826.0	1924.7	2233.1	2060.4	1776.6	1640.9	1591.6
75°	4194.9	3837.1	2245.5	1826.0	1455.9	1566.9	1949.4	1838.3	1529.9	1394.2	1357.2
77.5°	2282.5	2122.1	1690.3	1492.9	1147.4	1270.8	1702.6	1517.6	1221.4	1332.5	1184.4
80°	999.4	1110.4	1122.7	863.6	764.9	937.7	1221.4	1184.4	937.7	950.0	789.6
82.5°	481.2	629.2	727.9	592.2	431.8	555.2	814.3	678.6	629.2	592.2	567.5
85°	148.1	234.4	320.8	283.8	197.4	234.4	382.5	370.1	444.2	382.5	357.8
87.5°	49.4	49.4	37.0	37.0	37.0	49.4	61.7	37.0	12.3	12.3	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°	8710.5	8710.5	8710.5	8710.5	8710.5	8710.5	8710.5	8710.5	8710.5	8710.5	8710.5
2.5°	8525.4	8537.8	8537.8	8550.1	8550.1	8587.1	8636.5	8685.8	8648.8	8698.2	8710.5
5°	7933.2	7994.9	8044.3	8229.3	8377.4	8500.8	8636.5	8759.9	8796.9	8821.5	8883.2
7.5°	6539.0	6711.8	7032.6	7452.0	7920.9	8377.4	8685.8	9006.6	9056.0	9117.6	9204.0
10°	5564.4	5638.4	5860.5	6292.3	7131.3	8031.9	8784.5	9290.4	9500.1	9623.5	9709.9
12.5°	5724.7	5675.4	5638.4	5700.1	6242.9	7402.7	8722.8	9697.5	10092.3	10228.1	10339.1
15°	6107.2	6057.9	5922.2	5749.4	5811.1	6736.4	8513.1	10080.0	10709.2	10931.3	11165.7
17.5°	6329.3	6279.9	6168.9	5983.8	5823.5	6181.2	8118.3	10425.5	11683.9	11955.3	12288.5
20°	6452.7	6403.3	6292.3	6107.2	5922.2	5971.5	7612.4	10857.3	12794.3	13226.1	13719.7
22.5°	6477.4	6415.7	6292.3	6107.2	5996.2	5959.2	7131.3	11116.4	13991.1	14657.3	15224.9
25°	6465.0	6354.0	6193.6	6057.9	5996.2	5983.8	6798.1	11264.4	15286.6	16347.6	16989.2
27.5°	6378.7	6242.9	6082.5	5983.8	5959.2	6033.2	6650.1	11437.2	16804.1	18161.3	19185.3
30°	6279.9	6082.5	5885.1	5848.1	5909.8	6144.2	6773.5	11498.8	18395.7	20135.3	21184.0
32.5°	6020.9	5872.8	5675.4	5663.1	5811.1	6230.6	7057.2	11412.5	19802.2	22109.4	23429.5
35°	5650.7	5564.4	5453.3	5490.3	5724.7	6304.6	7254.6	11141.0	21085.3	23947.7	25489.9
37.5°	4996.8	5058.5	5120.2	5206.6	5502.7	6292.3	7341.0	10709.2	22146.4	25415.9	27390.0
40°	4268.9	4478.6	4676.0	4898.1	5292.9	6193.6	7365.7	10178.7	22763.3	26526.3	29080.2
42.5°	3812.4	4009.8	4256.5	4577.3	5009.2	5971.5	7341.0	9586.5	22960.7	27291.3	30153.6
45°	3392.9	3627.3	3935.8	4268.9	4762.4	5650.7	7118.9	8944.9	23059.4	27649.0	30610.1
47.5°	3170.8	3306.5	3590.3	3923.4	4441.6	5255.9	6687.1	8476.1	22911.3	27723.1	31165.3
50°	2911.7	3096.8	3281.9	3602.6	4108.5	4762.4	6168.9	8204.6	23158.1	28451.0	32041.3
52.5°	2714.3	2813.0	3010.4	3306.5	3676.7	4305.9	5675.4	7982.6	23836.7	29191.3	32954.3
55°	2566.3	2677.3	2800.7	3047.4	3331.2	3849.4	5169.5	7649.4	24626.3	29980.9	33867.3
57.5°	2331.8	2405.9	2578.6	2837.7	3022.8	3405.2	4577.3	7254.6	24564.6	29364.0	32288.1
60°	*2122.1*	*2196.1*	*2381.2*	*2640.3*	*2751.3*	*3010.4*	*3997.5*	*6748.8*	*23380.2*	*27352.9*	*29376.3*
62.5°	1887.7	1974.1	2196.1	2381.2	2479.9	2677.3	3392.9	5823.5	20912.6	24330.2	25971.1
65°	1789.0	1838.3	1986.4	2208.5	2196.1	2381.2	2862.4	4577.3	16828.8	18593.1	20086.0
67.5°	1900.0	1974.1	1949.4	2011.1	1974.1	2072.8	2566.3	3676.7	13226.1	14003.4	14867.1
70°	1875.3	2048.1	2134.4	2011.1	1727.3	1838.3	2220.8	2936.4	9463.1	9389.1	9352.1
72.5°	1640.9	1813.7	2060.4	2183.8	1690.3	1529.9	1924.7	2541.6	6070.2	6045.5	5465.7
75°	1394.2	1517.6	1813.7	1974.1	1455.9	1233.8	1653.3	2159.1	3627.3	3676.7	3281.9
77.5°	1283.1	1221.4	1517.6	1739.6	1184.4	950.0	1332.5	1628.6	1998.7	2023.4	1875.3
80°	925.3	888.3	1135.1	1270.8	900.7	678.6	752.6	1011.7	1073.4	962.3	999.4
82.5°	592.2	604.6	678.6	814.3	555.2	370.1	518.2	678.6	579.9	468.8	555.2
85°	382.5	431.8	357.8	419.5	172.7	172.7	222.1	296.1	197.4	135.7	148.1
87.5°	0.0	0.0	24.7	49.4	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: P1501468
CATALOG NUMBER: GSS-SB6D-750-U-T2LG

CANDELA DISTRIBUTION (continued):

	285°	293°	295°	305°	315°	325°	335°	345°	355°	360°
0°	8710.5	8710.5	*8710.5*	8710.5	8710.5	8710.5	8710.5	8710.5	8710.5	8710.5
2.5°	8747.5	8735.2	*8735.2*	8759.9	8821.5	8846.2	8883.2	8870.9	8907.9	8883.2
5°	8920.2	8932.6	*8969.6*	8981.9	9018.9	9068.3	9080.6	9068.3	9093.0	9093.0
7.5°	9265.7	9315.1	*9290.4*	9352.1	9302.7	9241.0	9142.3	9068.3	9006.6	9031.3
10°	9845.6	9820.9	*9808.6*	9697.5	9475.4	9154.7	8895.6	8611.8	8562.4	8513.1
12.5°	10487.1	10462.5	*10462.5*	10080.0	9450.8	8784.5	8192.3	7748.1	7600.1	7587.8
15°	11387.8	11227.4	*11079.4*	10277.4	9018.9	7883.9	7192.9	6847.5	6761.1	6761.1
17.5°	12510.5	12091.1	*11844.3*	10129.3	8315.7	7291.7	6884.5	6798.1	6773.5	6835.2
20°	13904.7	12843.7	*12485.9*	9796.2	8056.6	7365.7	7168.3	7180.6	7192.9	7279.3
22.5°	15434.6	13534.6	*12942.4*	9796.2	8315.7	7834.5	7735.8	7871.5	7908.5	7982.6
25°	17137.2	14151.5	*13349.5*	10314.4	9080.6	8722.8	8599.5	8735.2	8833.9	8957.3
27.5°	19049.6	14793.0	*14052.8*	11252.1	10067.7	9845.6	9709.9	9771.6	9907.3	10055.3
30°	20764.5	15866.4	*15126.2*	12683.3	11412.5	11141.0	10906.6	11005.3	11153.4	11252.1
32.5°	22282.1	17174.2	*16545.0*	14188.5	12954.7	12485.9	12226.8	12202.1	12498.2	12424.2
35°	23676.3	18716.5	*18111.9*	15903.4	14521.6	13941.7	13596.3	14040.4	13843.0	13917.1
37.5°	24774.3	20320.4	*19839.2*	17544.4	16150.2	15360.6	15150.8	15693.7	16002.1	16088.5
40°	25675.0	21714.6	*21208.7*	19173.0	17643.1	17063.2	17396.3	18297.0	18260.0	18223.0
42.5°	26365.9	22911.3	*22356.1*	20406.8	19074.3	19185.3	19444.4	20049.0	20197.0	19987.3
45°	26674.4	23663.9	*23219.8*	21381.4	20702.9	21344.4	21455.5	21714.6	21615.9	21480.1
47.5°	27032.2	24330.2	*23861.3*	22269.8	22467.2	23096.4	22874.3	22664.6	22306.8	22097.0
50°	27636.7	25119.8	*24725.0*	23565.2	24280.8	24071.1	23207.4	22738.6	22010.7	21763.9
52.5°	28784.1	26612.7	*26316.6*	25613.3	25132.1	23923.0	22874.3	22035.3	21221.0	20887.9
55°	29808.2	28636.1	*28463.3*	27525.7	24873.0	23145.7	21739.2	20443.8	19049.6	18765.8
57.5°	30400.4	31992.0	*32189.4*	28340.0	23688.6	21381.4	19308.7	17235.9	15915.8	15681.4
60°	*28636.1*	*35619.3*	*35718.0*	*28179.6*	*21554.2*	*18198.3*	*15039.8*	*13571.6*	*12152.8*	*11745.6*
62.5°	26205.5	34866.7	*34780.3*	27217.2	17161.9	13275.5	11424.8	10733.9	9635.8	9302.7
65°	22528.9	29043.2	*29141.9*	23515.9	11412.5	9598.8	9598.8	8722.8	7501.4	7267.0
67.5°	18358.7	22393.1	*22171.1*	15249.5	7007.9	7686.5	8056.6	6798.1	5083.2	4799.4
70°	11930.7	17100.2	*16791.8*	8796.9	4404.6	6403.3	6341.6	5107.9	3639.7	3442.3
72.5°	5132.5	9882.6	*10511.8*	4491.0	3318.9	5157.2	5058.5	3578.0	2430.6	2344.2
75°	3096.8	4972.1	*5416.3*	2862.4	2418.2	3886.4	3503.9	2270.2	1653.3	1591.6
77.5°	1961.7	2726.7	*2702.0*	2146.8	1813.7	2628.0	2356.5	1566.9	1122.7	1073.4
80°	1135.1	1344.8	*1394.2*	1344.8	1221.4	1875.3	1505.2	1135.1	876.0	814.3
82.5°	727.9	839.0	*851.3*	653.9	678.6	1209.1	814.3	666.2	505.9	456.5
85°	320.8	357.8	*345.5*	222.1	222.1	493.5	283.8	271.4	197.4	197.4
87.5°	12.3	24.7	*12.3*	12.3	12.3	49.4	24.7	37.0	37.0	37.0
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: SP1-2407-184-6

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

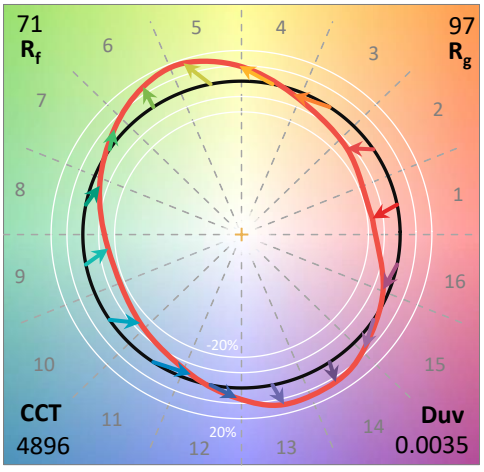
Test Information

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

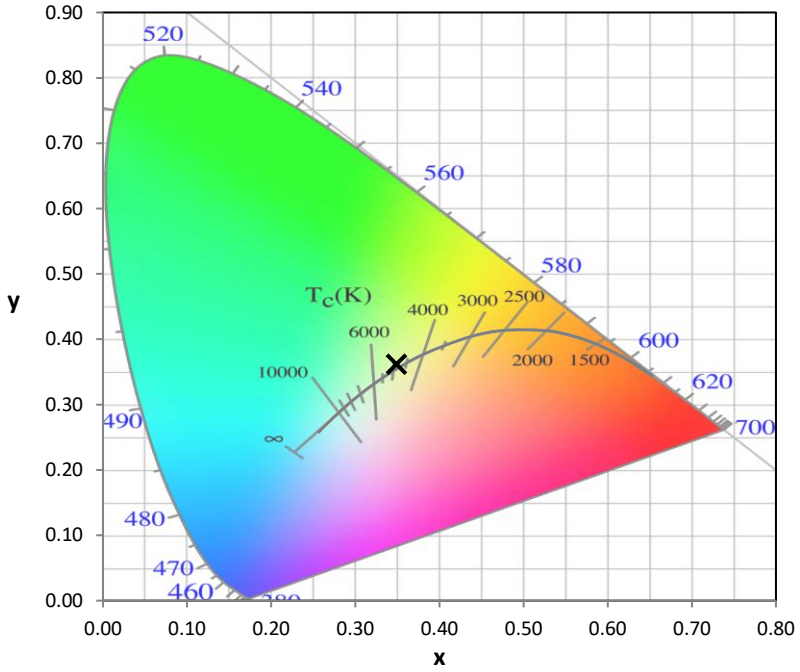
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-6

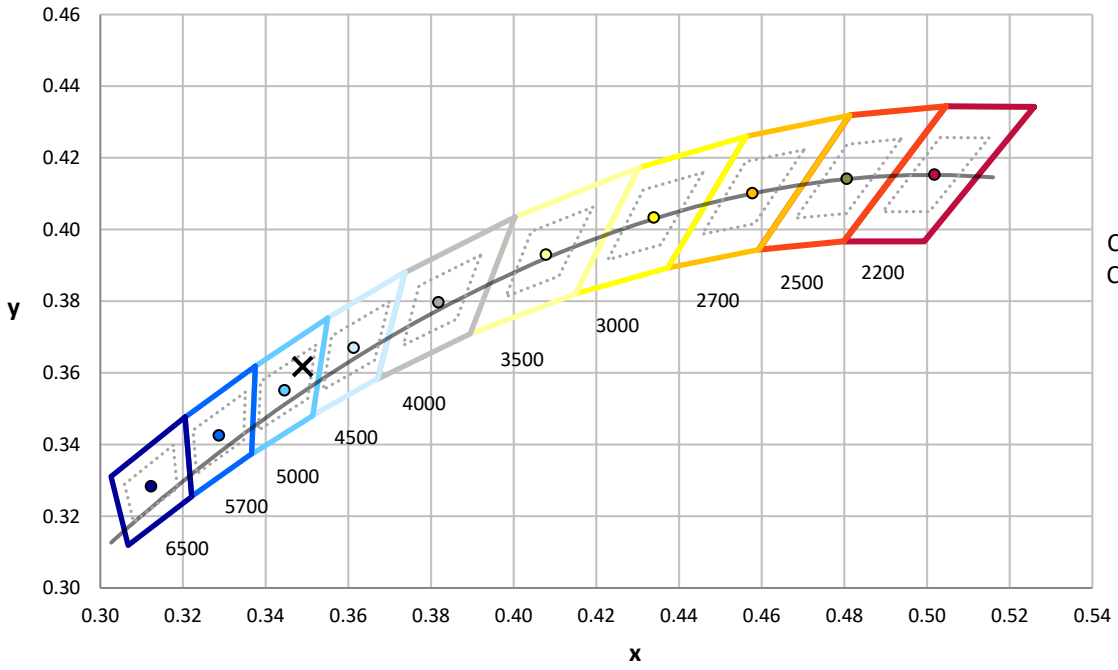
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

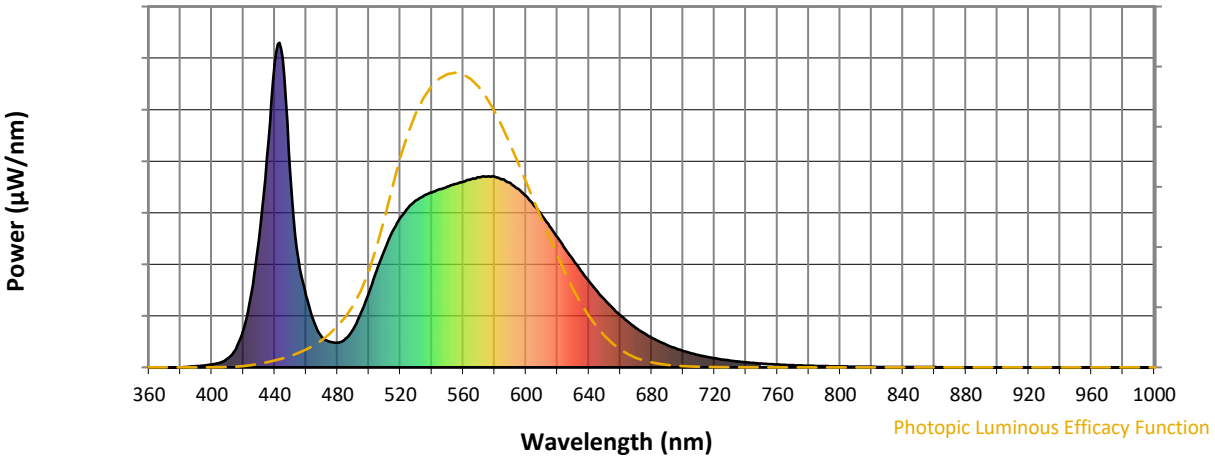


CCT = 4896K
CIE x = 0.3489
CIE y = 0.3618
Duv = 0.0035

Point lies inside the ANSI 5000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-6

Photopic Flux vs. Wavelength

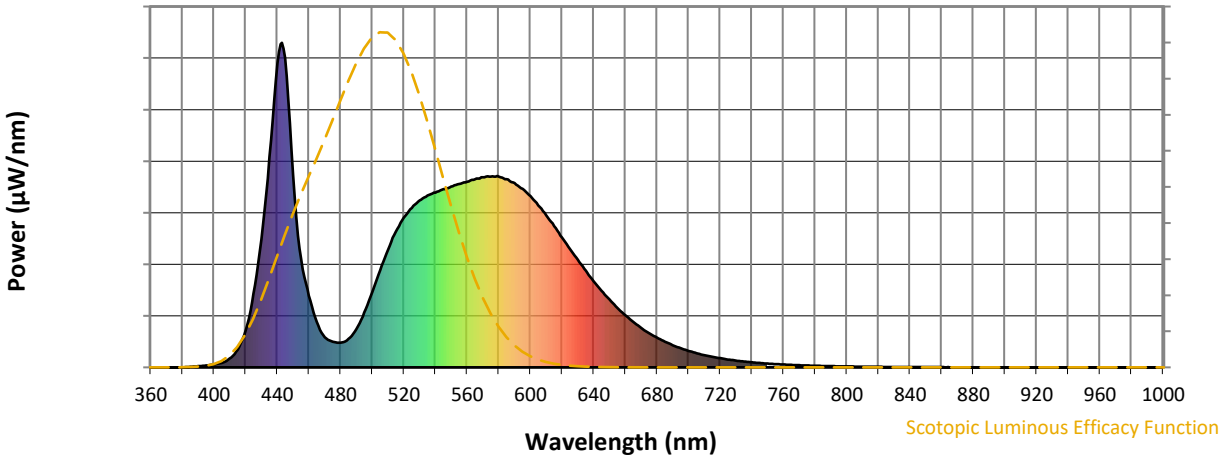


Photopic Lumens: NR

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

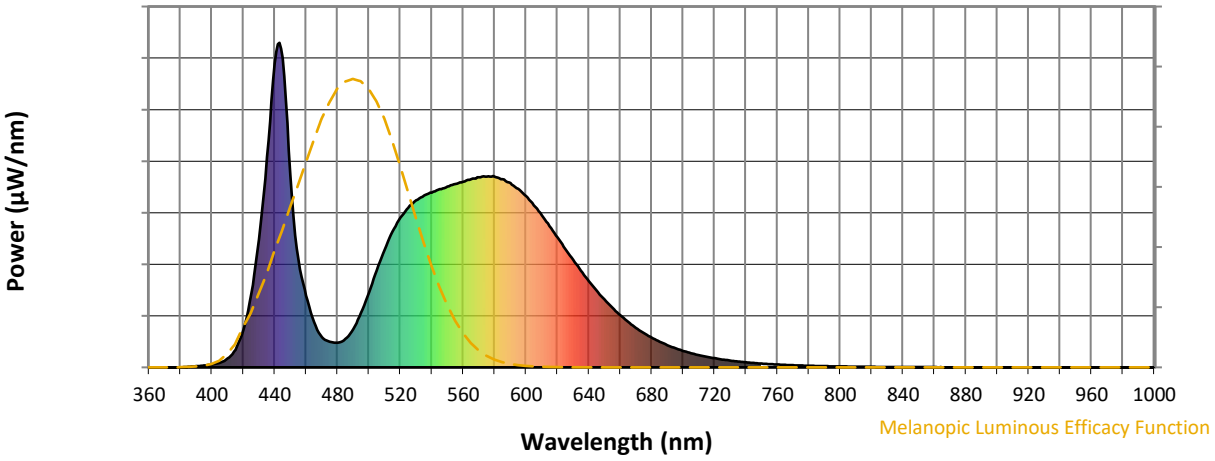


Scotopic Lumens: NR **S/P: 1.7**

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			

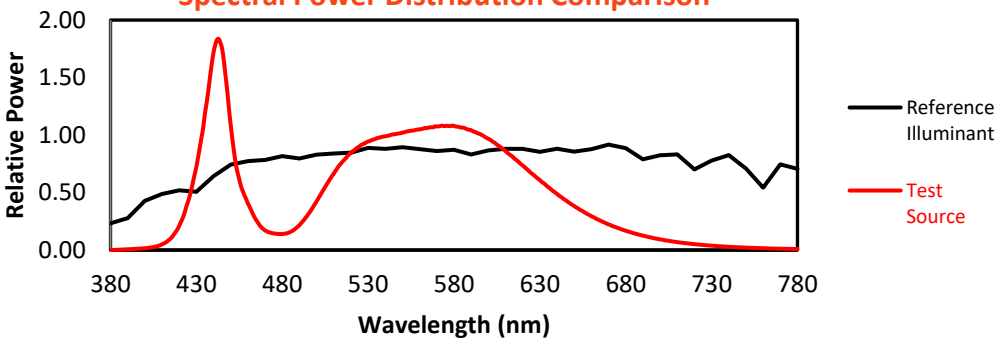
REPORT NUMBER: SP1-2407-184-6

TM-30-18

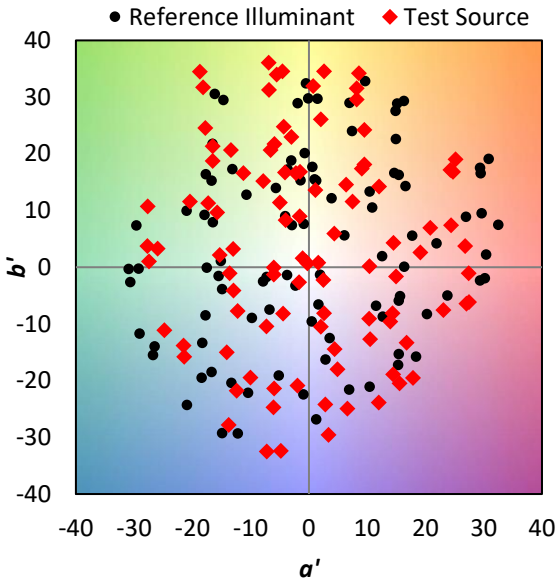
Summary

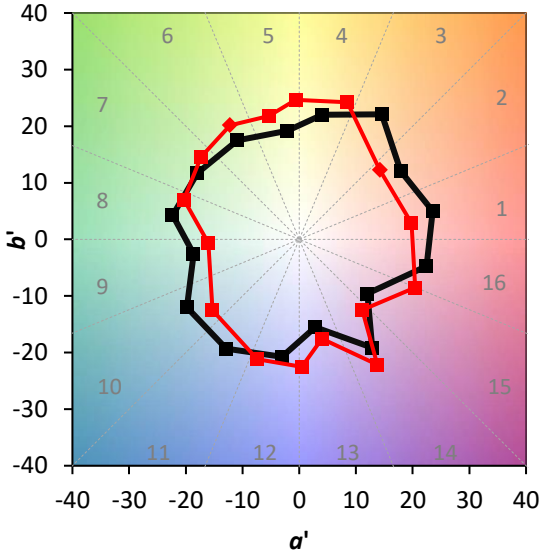
R_f = 70.7
R_g = 96.8
CIE R_a = 70.2
R_9 = -35.1

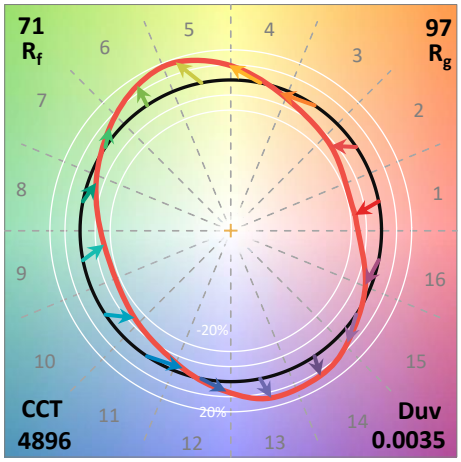
Spectral Power Distribution Comparison

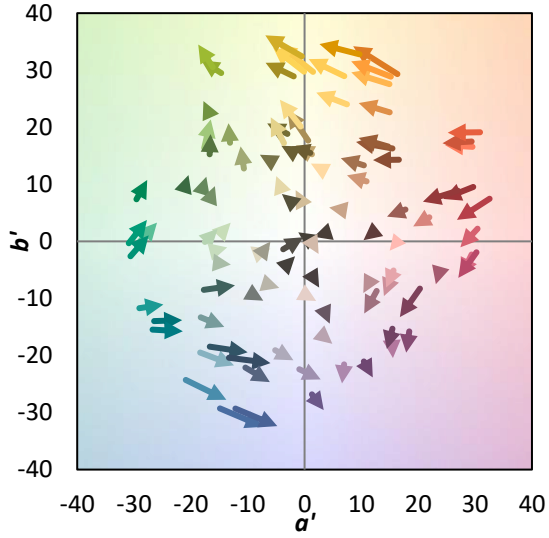


Color Vector Graphics







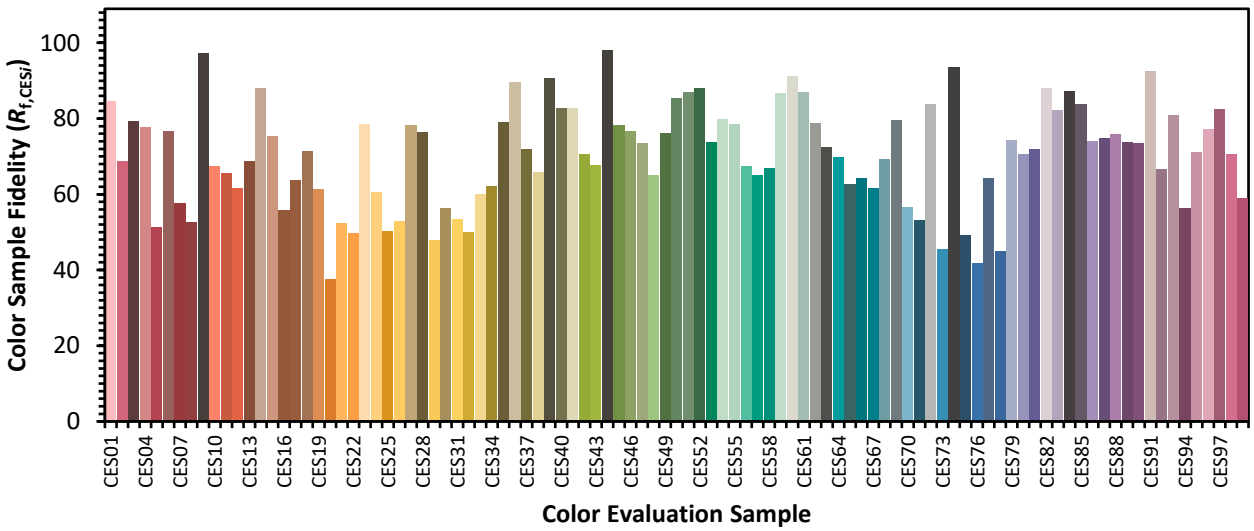


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Individual Sample Fidelity Index ($R_{f,i}$)

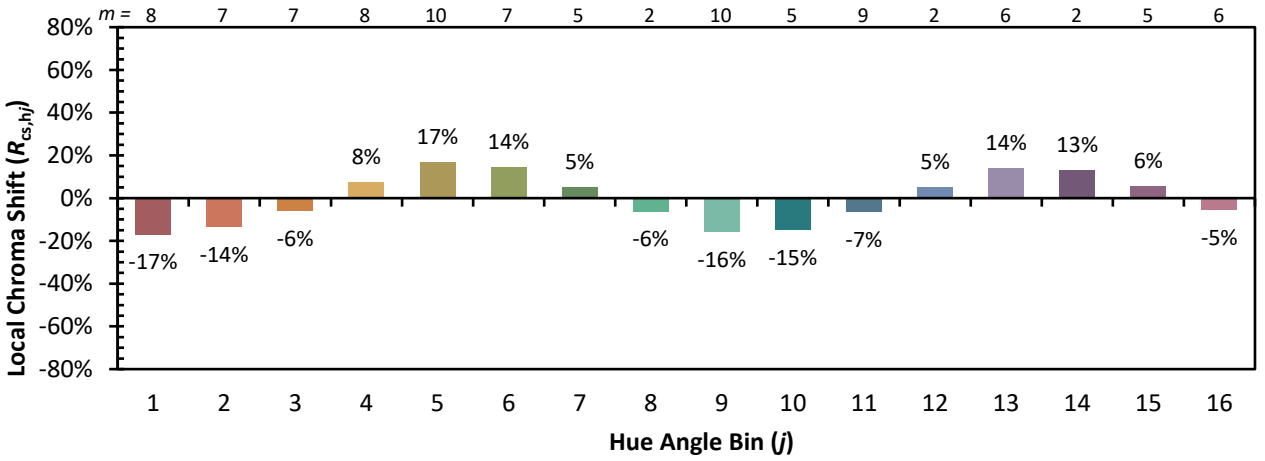
CES01 = 85	CES26 = 53	CES51 = 87	CES76 = 42
CES02 = 59	CES27 = 78	CES52 = 88	CES77 = 64
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 45
CES04 = 69	CES29 = 48	CES54 = 80	CES79 = 74
CES05 = 46	CES30 = 56	CES55 = 79	CES80 = 71
CES06 = 50	CES31 = 54	CES56 = 68	CES81 = 72
CES07 = 39	CES32 = 50	CES57 = 65	CES82 = 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	

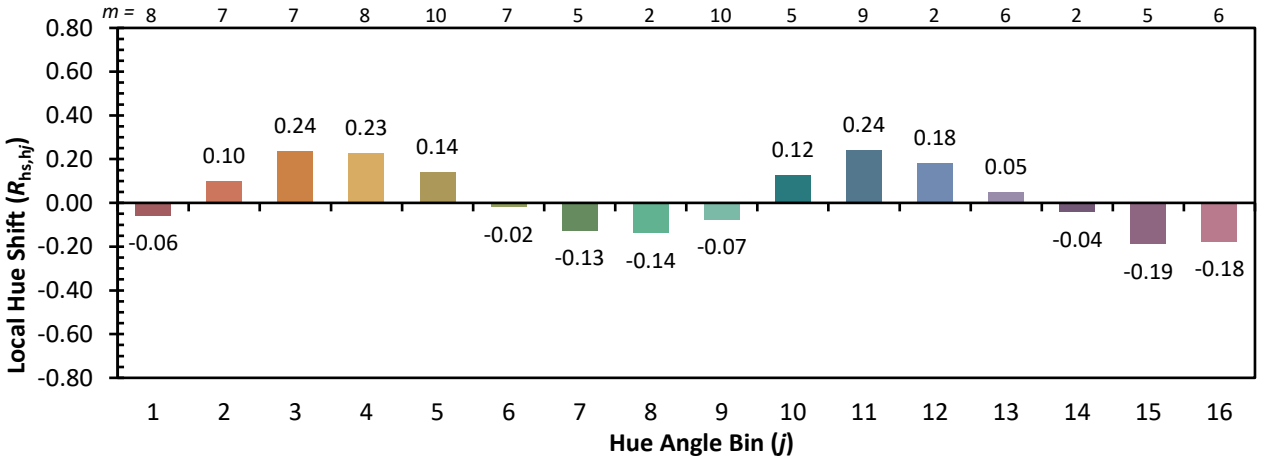


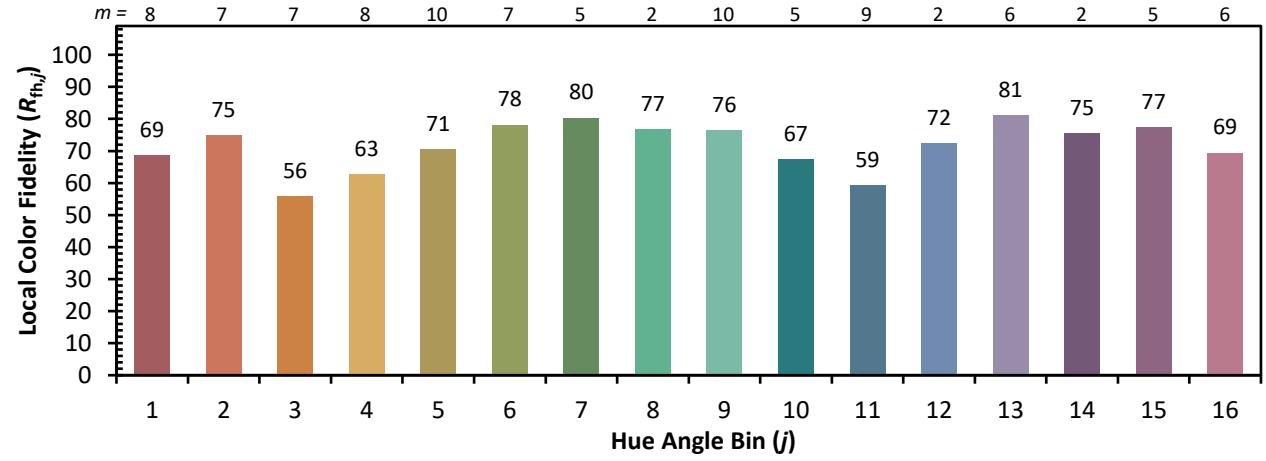
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Color Rendition by Hue-Angle Bin



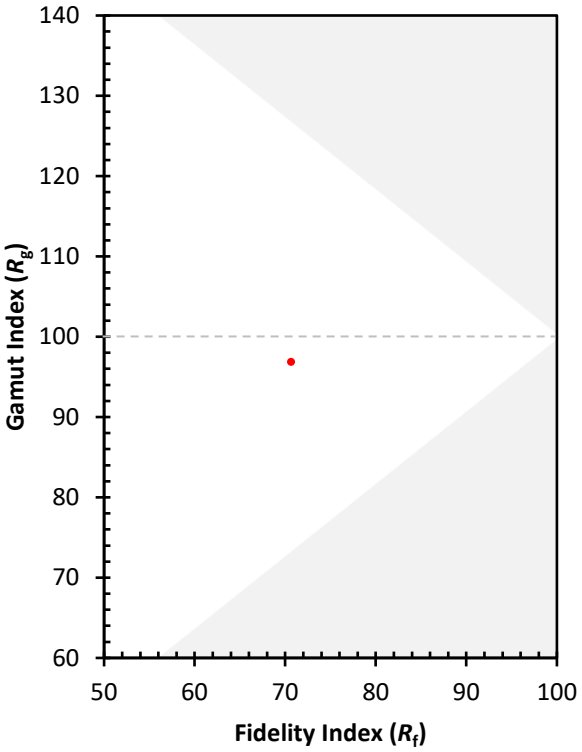


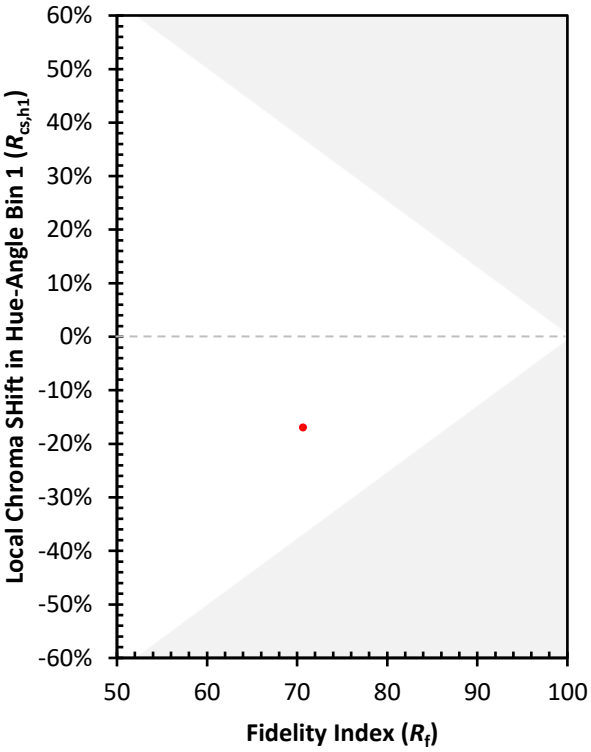


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Measure Comparisons





(END OF REPORT)