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: P1364933

Luminaire Tested: **GSS-SB6C-722-U-SLL**

Issue Date: 02/18/2026

Report Generated By 670245763

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

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P1364933
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB6C-722-U-SLL
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 6SQUARE 300W 70CRI 2200K FIXTURE w/ 90° Spill Light Eliminator LEFT OPTIC
Light Source:	(156) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	34029.2 lumens
Efficiency:	N/A
Efficacy:	113.4 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - U0 - G4

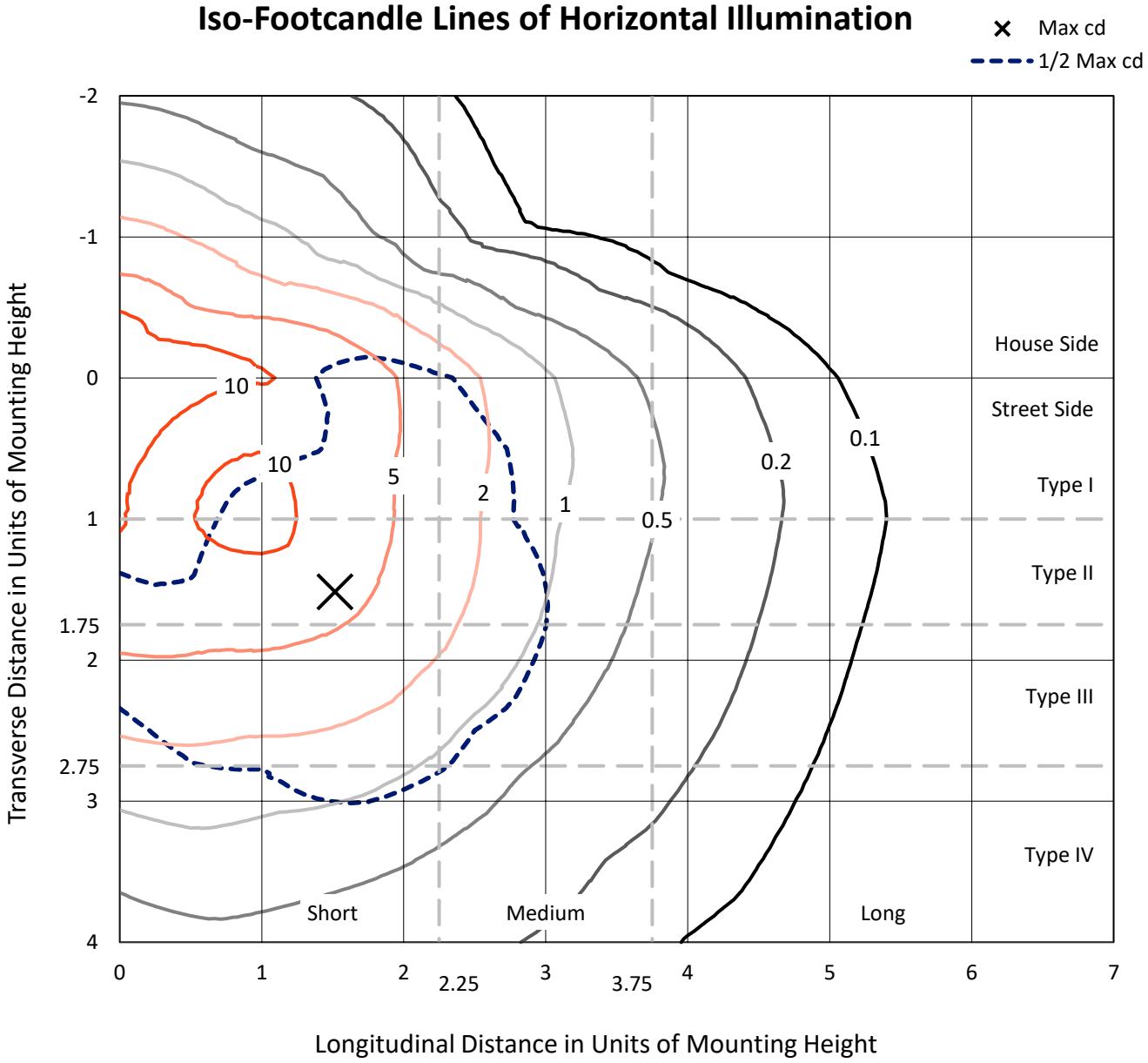
Input Watts (W):	300
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	6.3%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1364933
CATALOG NUMBER: GSS-SB6C-722-U-SLL

Iso-Footcandle Lines of Horizontal Illumination



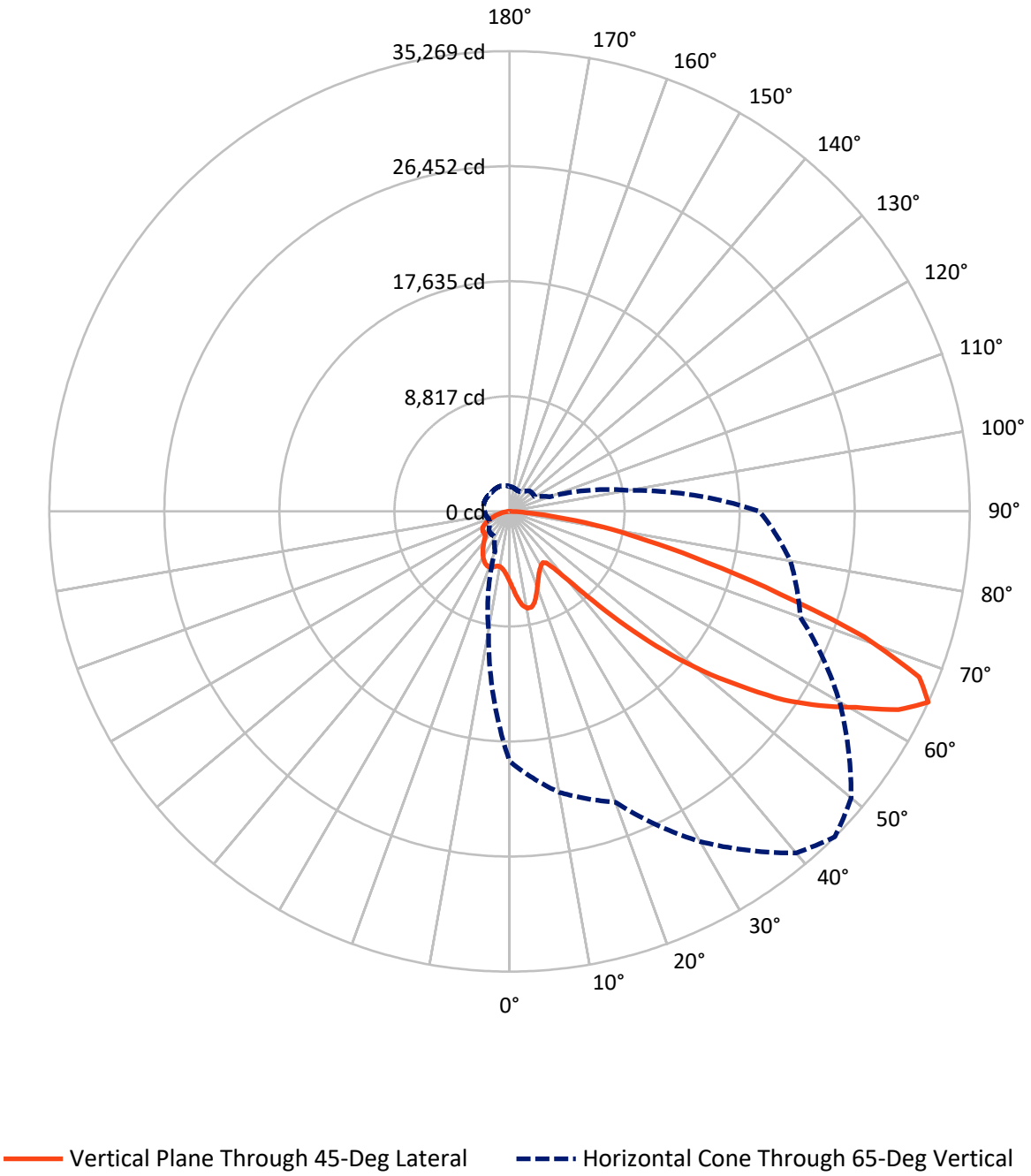
Based on 20 foot mounting height. Maximum calculated value = 18 fc
Type IV - Short - N/A

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

Scaled Data Report

REPORT NUMBER: P1364933
CATALOG NUMBER: GSS-SB6C-722-U-SLL

Luminous Intensity Polar Plot



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

Scaled Data Report

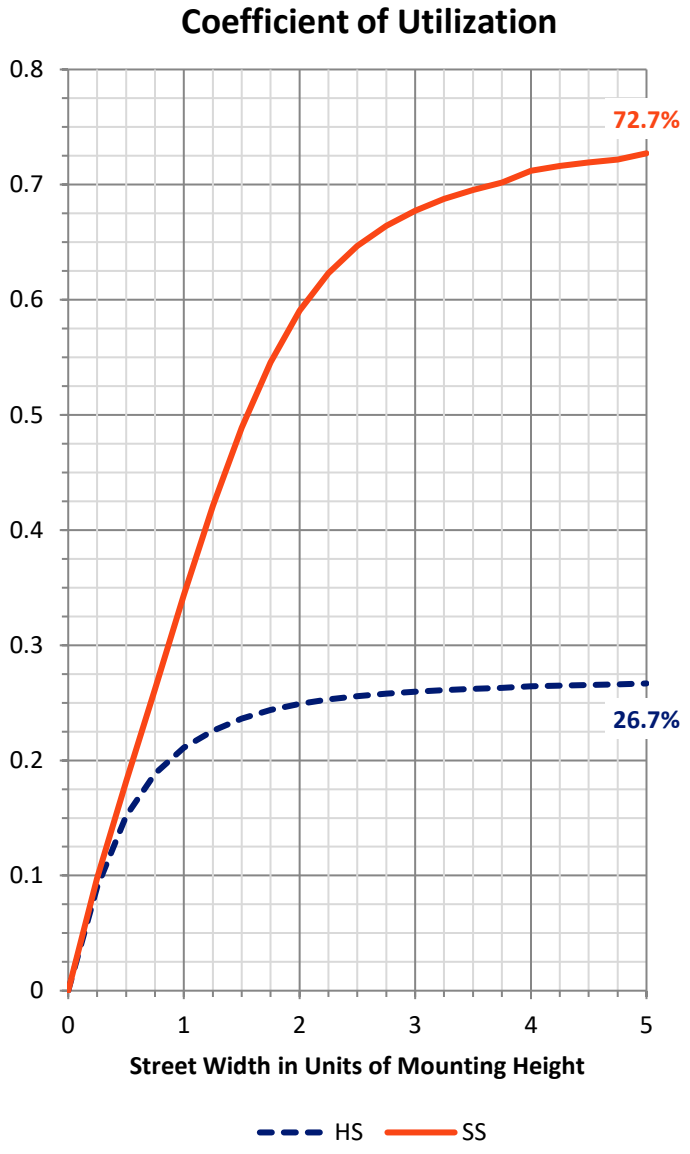
REPORT NUMBER: P1364933
CATALOG NUMBER: GSS-SB6C-722-U-SLL

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	9154.6	0.0	9154.6
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	24874.6	0.0	24874.6
	% Fixture	73.1	0.0	73.1
Total	Lumens	34029.2	0.0	34029.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	535.8	1.6
10°-20°	1641.9	4.8
20°-30°	2541.1	7.5
30°-40°	3152.7	9.3
40°-50°	4610.2	13.5
50°-60°	7221.3	21.2
60°-70°	8568.5	25.2
70°-80°	4997.6	14.7
80°-90°	760.3	2.2
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°	34029.2	100.0
0°-180°	34029.2	100.0



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

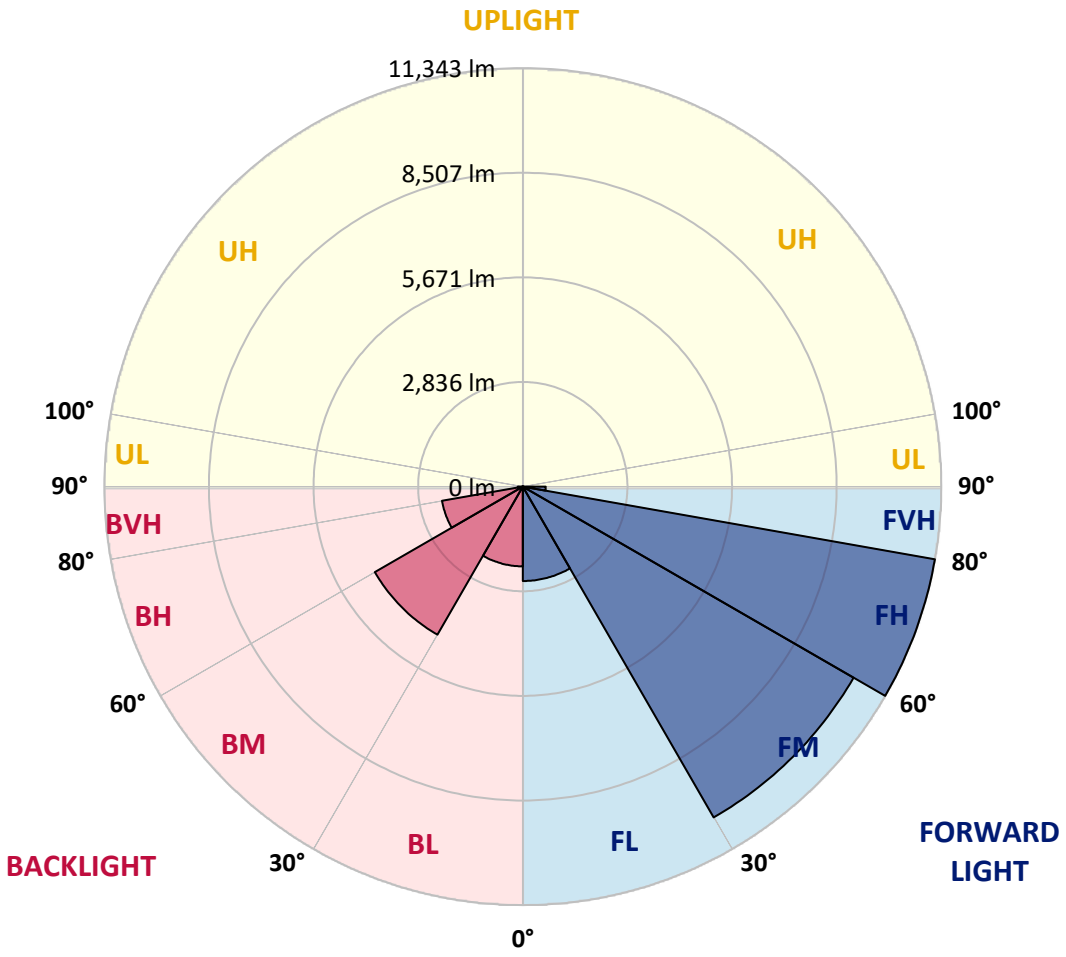
Scaled Data Report

REPORT NUMBER: P1364933
CATALOG NUMBER: GSS-SB6C-722-U-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2557.6	7.5			
FM	(30°-60°)	10352.4	30.4			
FH	(60°-80°)	11342.8	33.3			G4/12000
FVH	(80°-90°)	621.8	1.8			G4/750
BL	(0°-30°)	2161.1	6.4	B3/2500		
BM	(30°-60°)	4631.7	13.6	B3/5000		
BH	(60°-80°)	2223.3	6.5	B3/2500		G3/2500
BVH	(80°-90°)	138.5	0.4			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G4
Type IV Short



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

Scaled Data Report

REPORT NUMBER: P1364933
CATALOG NUMBER: GSS-SB6C-722-U-SLL

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	5426.0	5426.0	5426.0	5426.0	5426.0	5426.0	5426.0	5426.0	5426.0	5426.0	5426.0
2.5°	5862.9	5883.7	5904.5	5927.0	5950.3	5963.6	5976.9	5991.1	6004.4	6016.9	6004.4
5°	6262.4	6356.4	6449.6	6512.9	6576.1	6624.4	6672.7	6700.1	6728.4	6732.6	6728.4
7.5°	6666.0	6777.5	6889.1	6985.6	7082.1	7143.7	7205.3	7241.1	7277.7	7290.2	7277.7
10°	6919.8	7050.5	7182.0	7275.2	7369.2	7426.7	7483.3	7511.5	7539.8	7548.2	7539.8
12.5°	7048.8	7174.5	7300.2	7372.6	7444.1	7480.8	7516.5	7529.9	7541.5	7531.5	7541.5
15°	7111.3	7185.3	7258.6	7289.3	7319.3	7301.8	7283.5	7257.7	7231.9	7215.3	7231.9
17.5°	7127.9	7153.7	7180.3	7124.6	7069.6	6969.8	6869.9	6795.0	6720.1	6666.0	6720.1
20°	7182.0	7140.4	7098.8	6950.6	6803.3	6616.1	6428.8	6303.2	6176.7	6100.1	6176.7
22.5°	7240.2	7122.9	7005.6	6756.7	6507.9	6251.6	5996.1	5851.3	5707.3	5625.8	5707.3
25°	7331.8	7130.4	6928.2	6592.0	6256.6	5955.3	5654.9	5497.6	5341.1	5251.3	5341.1
27.5°	7464.9	7157.0	6849.1	6433.0	6016.9	5690.7	5363.6	5213.8	5064.0	4984.9	5064.0
30°	7652.2	7243.6	6834.1	6336.5	5838.0	5496.8	5155.6	5009.1	4861.8	4776.9	4861.8
32.5°	7881.0	7365.1	6849.1	6291.5	5733.9	5386.1	5039.0	4898.4	4758.6	4685.4	4758.6
35°	8268.0	7614.7	6961.5	6343.1	5725.6	5402.7	5080.7	4977.5	4875.1	4835.2	4875.1
37.5°	8759.0	7995.9	7231.9	6595.3	5958.6	5738.9	5519.2	5519.2	5519.2	5550.9	5519.2
40°	9483.1	8625.9	7768.7	7166.2	6564.5	6551.2	6539.5	6679.3	6820.0	6882.4	6820.0
42.5°	10498.4	9592.1	8686.6	8200.6	7714.6	8005.9	8297.2	8701.6	9106.1	9370.7	9106.1
45°	11759.2	10877.0	9994.9	9655.3	9316.6	9964.9	10612.4	11327.2	12042.1	12549.8	12042.1
47.5°	12965.9	12223.5	11480.4	11286.5	11093.4	12171.1	13248.8	14296.6	15344.3	15961.8	15344.3
50°	14364.0	13696.5	13028.3	12990.8	12953.4	14388.9	15824.5	17176.9	18529.2	19282.4	18529.2
52.5°	16157.4	15424.2	14690.2	14720.2	14748.5	16453.7	18158.9	19794.2	21429.5	22278.3	21429.5
55°	18300.3	17380.7	16461.2	16456.2	16451.2	18410.2	20370.9	22379.8	24390.5	25523.9	24390.5
57.5°	20484.9	19623.6	18762.2	18557.5	18351.9	20400.8	22448.9	24667.6	26887.1	28078.8	26887.1
60°	22124.4	21650.0	21175.6	20847.7	20520.7	22624.5	24729.2	27021.1	29312.2	30500.6	29312.2
62.5°	21446.1	22294.1	23142.2	23118.0	23093.9	25365.0	27636.1	30019.6	32404.7	33471.6	32404.7
65°	19157.5	20509.9	21862.2	22792.6	23722.2	26467.7	29212.3	31695.6	34178.9	35269.1	34178.9
67.5°	17010.4	18202.1	19394.7	20156.2	20917.6	24011.0	27105.1	29923.0	32740.9	33862.7	32740.9
70°	14954.8	16274.7	17594.6	18138.9	18683.2	21311.3	23938.6	26168.1	28396.7	28836.1	28396.7
72.5°	12836.9	14406.4	15976.8	16207.3	16437.9	18350.3	20262.7	21450.3	22637.8	21679.1	22637.8
75°	10510.8	12281.8	14051.9	14205.9	14359.8	14955.7	15552.4	15854.5	16157.4	15612.3	16157.4
77.5°	6990.6	8523.5	10057.3	10402.6	10748.0	11145.0	11542.8	11522.0	11501.2	10735.5	11501.2
80°	4102.8	5302.0	6501.2	6546.2	6591.1	6889.1	7186.2	7489.9	7793.7	7306.8	7793.7
82.5°	2051.4	2709.7	3368.8	3470.3	3571.9	3754.1	3936.4	4021.2	4107.0	3695.0	4107.0
85°	466.0	637.5	808.9	974.5	1140.1	1331.5	1522.9	1501.3	1479.7	1248.3	1479.7
87.5°	37.4	38.3	39.9	40.8	41.6	42.4	43.3	45.8	48.3	49.9	48.3
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: P1364933
CATALOG NUMBER: GSS-SB6C-722-U-SLL

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	5426.0	5426.0	5426.0	5426.0	5426.0	5426.0	5426.0	5426.0	5426.0	5426.0	5426.0
2.5°	5991.1	5976.9	5963.6	5950.3	5927.0	5904.5	5883.7	5862.9	5809.7	5757.2	5709.0
5°	6700.1	6672.7	6624.4	6576.1	6512.9	6449.6	6356.4	6262.4	6168.4	6075.1	5976.9
7.5°	7241.1	7205.3	7143.7	7082.1	6985.6	6889.1	6777.5	6666.0	6507.9	6349.8	6200.8
10°	7511.5	7483.3	7426.7	7369.2	7275.2	7182.0	7050.5	6919.8	6730.9	6541.2	6356.4
12.5°	7529.9	7516.5	7480.8	7444.1	7372.6	7300.2	7174.5	7048.8	6860.8	6672.7	6465.5
15°	7257.7	7283.5	7301.8	7319.3	7289.3	7258.6	7185.3	7111.3	6920.7	6730.9	6520.4
17.5°	6795.0	6869.9	6969.8	7069.6	7124.6	7180.3	7153.7	7127.9	6949.8	6772.5	6547.8
20°	6303.2	6428.8	6616.1	6803.3	6950.6	7098.8	7140.4	7182.0	7002.2	6822.5	6581.1
22.5°	5851.3	5996.1	6251.6	6507.9	6756.7	7005.6	7122.9	7240.2	7075.5	6911.5	6646.0
25°	5497.6	5654.9	5955.3	6256.6	6592.0	6928.2	7130.4	7331.8	7189.5	7047.2	6757.6
27.5°	5213.8	5363.6	5690.7	6016.9	6433.0	6849.1	7157.0	7464.9	7355.9	7246.9	6920.7
30°	5009.1	5155.6	5496.8	5838.0	6336.5	6834.1	7243.6	7652.2	7566.5	7481.6	7113.7
32.5°	4898.4	5039.0	5386.1	5733.9	6291.5	6849.1	7365.1	7881.0	7827.8	7774.5	7340.9
35°	4977.5	5080.7	5402.7	5725.6	6343.1	6961.5	7614.7	8268.0	8201.4	8134.9	7582.3
37.5°	5519.2	5519.2	5738.9	5958.6	6595.3	7231.9	7995.9	8759.0	8680.0	8600.9	7876.9
40°	6679.3	6539.5	6551.2	6564.5	7166.2	7768.7	8625.9	9483.1	9327.4	9171.0	8213.9
42.5°	8701.6	8297.2	8005.9	7714.6	8200.6	8686.6	9592.1	10498.4	10168.8	9838.4	8586.8
45°	11327.2	10612.4	9964.9	9316.6	9655.3	9994.9	10877.0	11759.2	11230.7	10702.2	9092.7
47.5°	14296.6	13248.8	12171.1	11093.4	11286.5	11480.4	12223.5	12965.9	12296.8	11627.7	9612.9
50°	17176.9	15824.5	14388.9	12953.4	12990.8	13028.3	13696.5	14364.0	13456.9	12549.8	10066.4
52.5°	19794.2	18158.9	16453.7	14748.5	14720.2	14690.2	15424.2	16157.4	14716.8	13275.4	10281.1
55°	22379.8	20370.9	18410.2	16451.2	16456.2	16461.2	17380.7	18300.3	15982.6	13664.9	10224.6
57.5°	24667.6	22448.9	20400.8	18351.9	18557.5	18762.2	19623.6	20484.9	17045.4	13606.7	9915.8
60°	27021.1	24729.2	22624.5	20520.7	20847.7	21175.6	21650.0	22124.4	17521.4	12917.6	9176.0
62.5°	30019.6	27636.1	25365.0	23093.9	23118.0	23142.2	22294.1	21446.1	16465.3	11484.5	7963.4
65°	*31695.6*	*29212.3*	*26467.7*	*23722.2*	*22792.6*	*21862.2*	*20509.9*	*19157.5*	*14201.7*	*9245.9*	*6246.6*
67.5°	29923.0	27105.1	24011.0	20917.6	20156.2	19394.7	18202.1	17010.4	12196.9	7383.4	4861.0
70°	26168.1	23938.6	21311.3	18683.2	18138.9	17594.6	16274.7	14954.8	10361.9	5768.9	3725.0
72.5°	21450.3	20262.7	18350.3	16437.9	16207.3	15976.8	14406.4	12836.9	8604.2	4370.8	2800.4
75°	15854.5	15552.4	14955.7	14359.8	14205.9	14051.9	12281.8	10510.8	6869.9	3229.0	2075.5
77.5°	11522.0	11542.8	11145.0	10748.0	10402.6	10057.3	8523.5	6990.6	4507.3	2023.9	1341.5
80°	7489.9	7186.2	6889.1	6591.1	6546.2	6501.2	5302.0	4102.8	2584.0	1065.2	741.5
82.5°	4021.2	3936.4	3754.1	3571.9	3470.3	3368.8	2709.7	2051.4	1294.9	539.3	398.6
85°	1501.3	1522.9	1331.5	1140.1	974.5	808.9	637.5	466.0	307.9	149.8	126.5
87.5°	45.8	43.3	42.4	41.6	40.8	39.9	38.3	37.4	36.6	35.0	34.1
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: P1364933
CATALOG NUMBER: GSS-SB6C-722-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	5426.0	5426.0	5426.0	5426.0	5426.0	5426.0	5426.0	5426.0	5426.0	5426.0	5426.0
2.5°	5660.7	5612.4	5563.3	5516.7	5469.3	5421.9	5380.3	5335.3	5291.2	5256.3	5222.1
5°	5879.6	5783.9	5688.2	5597.5	5507.6	5413.5	5332.8	5252.9	5174.7	5109.8	5044.9
7.5°	6051.8	5918.7	5785.5	5666.5	5546.7	5421.9	5324.5	5227.1	5130.6	5046.5	4961.6
10°	6170.9	6006.9	5842.1	5704.8	5567.5	5434.3	5330.3	5228.0	5126.4	5039.9	4953.3
12.5°	6258.2	6074.3	5890.4	5738.9	5588.3	5442.7	5341.1	5256.3	5172.2	5111.4	5051.5
15°	6309.8	6111.8	5912.9	5742.3	5571.7	5409.4	5319.5	5264.6	5209.6	5204.7	5199.7
17.5°	6323.1	6096.8	5871.3	5672.4	5474.3	5284.5	5208.0	5200.5	5193.0	5275.4	5357.8
20°	6339.8	6074.3	5808.8	5547.5	5286.2	5034.9	4986.6	5034.1	5080.7	5242.1	5402.7
22.5°	6381.4	6056.8	5732.3	5404.4	5076.5	4776.9	4731.1	4801.0	4870.1	5080.7	5291.2
25°	6468.0	6055.2	5642.4	5233.8	4825.2	4481.5	4477.3	4553.0	4628.8	4823.5	5018.2
27.5°	6595.3	6071.0	5546.7	5059.0	4570.5	4219.3	4240.1	4312.5	4385.8	4530.6	4675.4
30°	6745.1	6105.1	5466.0	4906.7	4348.3	4007.1	4029.6	4086.2	4142.8	4247.6	4352.5
32.5°	6907.4	6143.4	5380.3	4773.6	4167.7	3853.1	3853.1	3877.3	3901.4	3969.7	4037.9
35°	7030.5	6134.2	5238.8	4622.1	4004.6	3761.6	3710.0	3690.0	3670.1	3715.0	3759.9
37.5°	7152.9	6108.4	5064.0	4454.0	3844.8	3653.4	3555.2	3501.9	3447.0	3468.7	3488.6
40°	7256.9	6050.2	4843.5	4253.4	3663.4	3511.9	3388.8	3308.9	3229.0	3227.3	3224.8
42.5°	7333.5	5949.5	4564.7	4014.6	3463.7	3358.0	3205.7	3104.2	3002.6	2991.8	2981.0
45°	7483.3	5880.4	4277.6	3771.6	3266.4	3170.7	3019.3	2914.4	2811.2	2794.6	2777.9
47.5°	7598.1	5799.7	4001.3	3530.2	3060.9	2950.2	2808.7	2719.7	2629.8	2619.8	2609.0
50°	7583.1	5662.4	3740.8	3315.5	2889.4	2738.0	2598.2	2524.9	2450.9	2463.3	2475.8
52.5°	7286.0	5381.1	3477.0	3122.5	2769.6	2575.7	2425.9	2371.0	2315.2	2354.3	2392.6
55°	6784.2	5008.3	3230.6	2961.0	2689.7	2496.6	2320.2	2258.6	2197.0	2252.0	2306.9
57.5°	6224.9	4617.9	3010.9	2824.5	2638.1	2475.8	2259.5	2172.9	2087.2	2142.1	2197.0
60°	5434.3	4124.4	2814.5	2683.9	2553.2	2425.9	2209.5	2101.3	1993.1	2029.8	2065.6
62.5°	4442.3	3498.6	2554.9	2481.7	2409.3	2355.2	2148.8	2007.3	1865.8	1870.8	1874.1
65°	*3247.3*	*2749.6*	*2251.1*	*2235.3*	*2220.3*	*2205.4*	*2034.8*	*1882.5*	*1731.0*	*1714.4*	*1697.7*
67.5°	2338.5	2102.2	1865.8	1909.9	1954.0	1976.5	1860.0	1726.0	1591.2	1557.1	1522.9
70°	1681.1	1597.8	1514.6	1580.4	1646.1	1639.5	1582.9	1503.0	1423.1	1401.4	1379.8
72.5°	1230.0	1228.3	1227.5	1277.4	1327.4	1260.8	1296.6	1278.3	1260.8	1245.0	1230.0
75°	922.1	916.3	911.3	970.4	1030.3	1056.9	1080.2	1070.2	1061.1	1049.4	1038.6
77.5°	659.1	664.1	667.4	732.3	797.3	873.8	878.0	856.3	833.9	822.2	808.9
80°	417.8	422.8	426.1	494.3	561.7	669.9	665.8	639.1	611.7	602.5	592.5
82.5°	258.0	258.8	259.7	292.9	326.2	387.0	403.6	403.6	403.6	397.8	391.1
85°	104.0	109.0	114.8	136.5	158.1	191.4	201.4	203.1	203.9	194.7	184.8
87.5°	33.3	35.0	37.4	41.6	45.8	49.9	58.3	63.2	68.2	73.2	76.6
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: P1364933
CATALOG NUMBER: GSS-SB6C-722-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	5426.0	5426.0	5426.0	5426.0	5426.0	5426.0	5426.0	5426.0	5426.0	5426.0	5426.0
2.5°	5192.2	5161.4	5125.6	5089.0	5063.2	5036.5	5019.1	5001.6	4993.3	4984.9	4978.3
5°	4991.6	4936.7	4888.4	4839.3	4801.0	4761.9	4730.3	4697.8	4684.5	4670.4	4661.2
7.5°	4890.1	4818.5	4758.6	4697.8	4640.4	4583.8	4547.2	4510.6	4489.0	4467.3	4451.5
10°	4877.6	4801.9	4722.8	4643.7	4580.5	4517.2	4462.3	4409.1	4378.3	4348.3	4331.7
12.5°	4981.6	4911.7	4817.7	4722.8	4637.1	4552.2	4484.8	4417.4	4379.1	4342.5	4317.5
15°	5175.5	5151.4	5064.0	4976.6	4858.5	4739.4	4642.9	4545.5	4492.3	4437.4	4406.6
17.5°	5405.2	5452.7	5391.9	5330.3	5163.9	4997.4	4853.5	4710.3	4632.1	4553.9	4526.4
20°	5530.9	5659.0	5652.4	5646.6	5429.4	5211.3	5022.4	4833.5	4728.6	4625.4	4583.8
22.5°	5476.0	5660.7	5708.1	5754.7	5541.7	5327.8	5094.8	4861.8	4738.6	4614.6	4575.5
25°	5217.1	5416.0	5504.3	5592.5	5416.9	5241.3	5014.9	4789.4	4659.6	4528.9	4489.0
27.5°	4835.2	4994.9	5094.0	5193.0	5085.6	4978.3	4795.2	4612.1	4497.3	4381.6	4339.2
30°	4460.7	4568.8	4647.9	4727.0	4656.2	4585.5	4454.0	4323.3	4237.6	4152.7	4126.1
32.5°	4118.6	4198.5	4242.6	4285.9	4231.0	4176.0	4089.5	4002.9	3949.7	3896.4	3878.9
35°	3824.8	3890.6	3923.9	3957.2	3911.4	3865.6	3788.2	3711.7	3673.4	3635.1	3621.0
37.5°	3544.4	3599.3	3646.8	3695.0	3661.7	3628.4	3562.7	3497.0	3452.0	3405.4	3380.4
40°	3278.1	3330.5	3390.4	3449.5	3443.7	3437.0	3374.6	3312.2	3247.3	3183.2	3149.1
42.5°	3033.4	3085.8	3149.1	3212.3	3224.8	3237.3	3185.7	3133.3	3058.4	2983.5	2931.1
45°	2822.9	2869.5	2938.5	3008.4	3037.6	3066.7	3020.1	2972.7	2888.6	2804.6	2742.1
47.5°	2656.4	2704.7	2781.3	2858.6	2889.4	2921.1	2889.4	2858.6	2786.2	2713.0	2658.1
50°	2528.3	2579.9	2639.8	2700.5	2758.0	2814.5	2808.7	2802.9	2745.5	2688.0	2636.4
52.5°	2440.0	2488.3	2550.7	2613.1	2673.1	2733.8	2743.0	2753.0	2711.3	2669.7	2624.8
55°	2364.3	2421.7	2480.0	2538.2	2594.8	2650.6	2663.1	2675.6	2645.6	2614.8	2581.5
57.5°	2259.5	2321.9	2380.1	2438.4	2504.1	2569.9	2579.9	2589.8	2558.2	2525.8	2500.8
60°	2129.6	2192.9	2253.6	2313.5	2380.1	2446.7	2460.0	2473.3	2448.4	2423.4	2400.1
62.5°	1946.5	2018.1	2068.0	2118.0	2181.2	2245.3	2264.4	2284.4	2272.8	2262.0	2235.3
65°	*1766.0*	*1835.0*	*1874.1*	*1914.1*	*1969.0*	*2023.9*	*2043.1*	*2062.2*	*2056.4*	*2051.4*	*2032.3*
67.5°	1586.2	1649.4	1681.9	1714.4	1751.8	1789.3	1810.9	1832.5	1821.7	1810.1	1790.1
70°	1431.4	1483.0	1511.3	1539.6	1569.6	1599.5	1611.2	1622.8	1606.2	1589.5	1544.6
72.5°	1269.1	1308.2	1332.4	1356.5	1384.8	1413.1	1419.8	1427.2	1401.4	1374.8	1322.4
75°	1068.6	1098.5	1116.8	1136.0	1165.1	1194.2	1206.7	1219.2	1182.6	1146.8	1091.0
77.5°	836.4	863.8	881.3	898.8	922.9	947.1	950.4	955.4	923.8	892.1	858.8
80°	612.5	632.5	639.1	645.0	664.9	684.1	684.1	684.1	660.8	636.6	620.0
82.5°	387.0	382.8	374.5	366.2	386.1	406.1	412.8	420.3	409.4	399.5	381.2
85°	173.1	159.8	157.3	154.0	153.1	151.5	157.3	162.3	159.8	158.1	151.5
87.5°	81.6	84.9	82.4	79.1	75.7	73.2	66.6	59.9	54.9	49.9	46.6
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: P1364933
CATALOG NUMBER: GSS-SB6C-722-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	5426.0	5426.0	5426.0	5426.0	5426.0	5426.0	5426.0	5426.0	5426.0	5426.0	5426.0
2.5°	4972.5	4968.3	4972.5	4978.3	4984.9	4993.3	5001.6	5019.1	5036.5	5063.2	5089.0
5°	4652.1	4643.7	4652.1	4661.2	4670.4	4684.5	4697.8	4730.3	4761.9	4801.0	4839.3
7.5°	4435.7	4427.4	4435.7	4451.5	4467.3	4489.0	4510.6	4547.2	4583.8	4640.4	4697.8
10°	4315.0	4302.5	4315.0	4331.7	4348.3	4378.3	4409.1	4462.3	4517.2	4580.5	4643.7
12.5°	4292.5	4277.6	4292.5	4317.5	4342.5	4379.1	4417.4	4484.8	4552.2	4637.1	4722.8
15°	4375.8	4352.5	4375.8	4406.6	4437.4	4492.3	4545.5	4642.9	4739.4	4858.5	4976.6
17.5°	4498.1	4485.6	4498.1	4526.4	4553.9	4632.1	4710.3	4853.5	4997.4	5163.9	5330.3
20°	4542.2	4527.2	4542.2	4583.8	4625.4	4728.6	4833.5	5022.4	5211.3	5429.4	5646.6
22.5°	4535.6	4518.9	4535.6	4575.5	4614.6	4738.6	4861.8	5094.8	5327.8	5541.7	5754.7
25°	4448.2	4435.7	4448.2	4489.0	4528.9	4659.6	4789.4	5014.9	5241.3	5416.9	5592.5
27.5°	4295.9	4269.2	4295.9	4339.2	4381.6	4497.3	4612.1	4795.2	4978.3	5085.6	5193.0
30°	4098.6	4086.2	4098.6	4126.1	4152.7	4237.6	4323.3	4454.0	4585.5	4656.2	4727.0
32.5°	3861.5	3853.1	3861.5	3878.9	3896.4	3949.7	4002.9	4089.5	4176.0	4231.0	4285.9
35°	3607.6	3595.2	3607.6	3621.0	3635.1	3673.4	3711.7	3788.2	3865.6	3911.4	3957.2
37.5°	3355.5	3337.2	3355.5	3380.4	3405.4	3452.0	3497.0	3562.7	3628.4	3661.7	3695.0
40°	3114.1	3095.8	3114.1	3149.1	3183.2	3247.3	3312.2	3374.6	3437.0	3443.7	3449.5
42.5°	2879.5	2846.2	2879.5	2931.1	2983.5	3058.4	3133.3	3185.7	3237.3	3224.8	3212.3
45°	2679.7	2638.1	2679.7	2742.1	2804.6	2888.6	2972.7	3020.1	3066.7	3037.6	3008.4
47.5°	2603.2	2563.2	2603.2	2658.1	2713.0	2786.2	2858.6	2889.4	2921.1	2889.4	2858.6
50°	2584.0	2546.6	2584.0	2636.4	2688.0	2745.5	2802.9	2808.7	2814.5	2758.0	2700.5
52.5°	2579.9	2546.6	2579.9	2624.8	2669.7	2711.3	2753.0	2743.0	2733.8	2673.1	2613.1
55°	2548.2	2521.6	2548.2	2581.5	2614.8	2645.6	2675.6	2663.1	2650.6	2594.8	2538.2
57.5°	2475.8	2463.3	2475.8	2500.8	2525.8	2558.2	2589.8	2579.9	2569.9	2504.1	2438.4
60°	2376.0	2355.2	2376.0	2400.1	2423.4	2448.4	2473.3	2460.0	2446.7	2380.1	2313.5
62.5°	2209.5	2180.4	2209.5	2235.3	2262.0	2272.8	2284.4	2264.4	2245.3	2181.2	2118.0
65°	*2014.0*	*1980.7*	*2014.0*	*2032.3*	*2051.4*	*2056.4*	*2062.2*	*2043.1*	*2023.9*	*1969.0*	*1914.1*
67.5°	1770.9	1764.3	1770.9	1790.1	1810.1	1821.7	1832.5	1810.9	1789.3	1751.8	1714.4
70°	1499.6	1448.0	1499.6	1544.6	1589.5	1606.2	1622.8	1611.2	1599.5	1569.6	1539.6
72.5°	1269.1	1215.0	1269.1	1322.4	1374.8	1401.4	1427.2	1419.8	1413.1	1384.8	1356.5
75°	1036.1	998.7	1036.1	1091.0	1146.8	1182.6	1219.2	1206.7	1194.2	1165.1	1136.0
77.5°	825.6	807.2	825.6	858.8	892.1	923.8	955.4	950.4	947.1	922.9	898.8
80°	603.4	590.9	603.4	620.0	636.6	660.8	684.1	684.1	684.1	664.9	645.0
82.5°	362.0	349.5	362.0	381.2	399.5	409.4	420.3	412.8	406.1	386.1	366.2
85°	145.6	141.5	145.6	151.5	158.1	159.8	162.3	157.3	151.5	153.1	154.0
87.5°	43.3	41.6	43.3	46.6	49.9	54.9	59.9	66.6	73.2	75.7	79.1
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: P1364933
CATALOG NUMBER: GSS-SB6C-722-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	5426.0	5426.0	5426.0	5426.0	5426.0	5426.0	5426.0	5426.0	5426.0	5426.0	5426.0
2.5°	5125.6	5161.4	5192.2	5222.1	5256.3	5291.2	5335.3	5380.3	5421.9	5469.3	5516.7
5°	4888.4	4936.7	4991.6	5044.9	5109.8	5174.7	5252.9	5332.8	5413.5	5507.6	5597.5
7.5°	4758.6	4818.5	4890.1	4961.6	5046.5	5130.6	5227.1	5324.5	5421.9	5546.7	5666.5
10°	4722.8	4801.9	4877.6	4953.3	5039.9	5126.4	5228.0	5330.3	5434.3	5567.5	5704.8
12.5°	4817.7	4911.7	4981.6	5051.5	5111.4	5172.2	5256.3	5341.1	5442.7	5588.3	5738.9
15°	5064.0	5151.4	5175.5	5199.7	5204.7	5209.6	5264.6	5319.5	5409.4	5571.7	5742.3
17.5°	5391.9	5452.7	5405.2	5357.8	5275.4	5193.0	5200.5	5208.0	5284.5	5474.3	5672.4
20°	5652.4	5659.0	5530.9	5402.7	5242.1	5080.7	5034.1	4986.6	5034.9	5286.2	5547.5
22.5°	5708.1	5660.7	5476.0	5291.2	5080.7	4870.1	4801.0	4731.1	4776.9	5076.5	5404.4
25°	5504.3	5416.0	5217.1	5018.2	4823.5	4628.8	4553.0	4477.3	4481.5	4825.2	5233.8
27.5°	5094.0	4994.9	4835.2	4675.4	4530.6	4385.8	4312.5	4240.1	4219.3	4570.5	5059.0
30°	4647.9	4568.8	4460.7	4352.5	4247.6	4142.8	4086.2	4029.6	4007.1	4348.3	4906.7
32.5°	4242.6	4198.5	4118.6	4037.9	3969.7	3901.4	3877.3	3853.1	3853.1	4167.7	4773.6
35°	3923.9	3890.6	3824.8	3759.9	3715.0	3670.1	3690.0	3710.0	3761.6	4004.6	4622.1
37.5°	3646.8	3599.3	3544.4	3488.6	3468.7	3447.0	3501.9	3555.2	3653.4	3844.8	4454.0
40°	3390.4	3330.5	3278.1	3224.8	3227.3	3229.0	3308.9	3388.8	3511.9	3663.4	4253.4
42.5°	3149.1	3085.8	3033.4	2981.0	2991.8	3002.6	3104.2	3205.7	3358.0	3463.7	4014.6
45°	2938.5	2869.5	2822.9	2777.9	2794.6	2811.2	2914.4	3019.3	3170.7	3266.4	3771.6
47.5°	2781.3	2704.7	2656.4	2609.0	2619.8	2629.8	2719.7	2808.7	2950.2	3060.9	3530.2
50°	2639.8	2579.9	2528.3	2475.8	2463.3	2450.9	2524.9	2598.2	2738.0	2889.4	3315.5
52.5°	2550.7	2488.3	2440.0	2392.6	2354.3	2315.2	2371.0	2425.9	2575.7	2769.6	3122.5
55°	2480.0	2421.7	2364.3	2306.9	2252.0	2197.0	2258.6	2320.2	2496.6	2689.7	2961.0
57.5°	2380.1	2321.9	2259.5	2197.0	2142.1	2087.2	2172.9	2259.5	2475.8	2638.1	2824.5
60°	2253.6	2192.9	2129.6	2065.6	2029.8	1993.1	2101.3	2209.5	2425.9	2553.2	2683.9
62.5°	2068.0	2018.1	1946.5	1874.1	1870.8	1865.8	2007.3	2148.8	2355.2	2409.3	2481.7
65°	*1874.1*	*1835.0*	*1766.0*	*1697.7*	*1714.4*	*1731.0*	*1882.5*	*2034.8*	*2205.4*	*2220.3*	*2235.3*
67.5°	1681.9	1649.4	1586.2	1522.9	1557.1	1591.2	1726.0	1860.0	1976.5	1954.0	1909.9
70°	1511.3	1483.0	1431.4	1379.8	1401.4	1423.1	1503.0	1582.9	1639.5	1646.1	1580.4
72.5°	1332.4	1308.2	1269.1	1230.0	1245.0	1260.8	1278.3	1296.6	1260.8	1327.4	1277.4
75°	1116.8	1098.5	1068.6	1038.6	1049.4	1061.1	1070.2	1080.2	1056.9	1030.3	970.4
77.5°	881.3	863.8	836.4	808.9	822.2	833.9	856.3	878.0	873.8	797.3	732.3
80°	639.1	632.5	612.5	592.5	602.5	611.7	639.1	665.8	669.9	561.7	494.3
82.5°	374.5	382.8	387.0	391.1	397.8	403.6	403.6	403.6	387.0	326.2	292.9
85°	157.3	159.8	173.1	184.8	194.7	203.9	203.1	201.4	191.4	158.1	136.5
87.5°	82.4	84.9	81.6	76.6	73.2	68.2	63.2	58.3	49.9	45.8	41.6
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: P1364933
CATALOG NUMBER: GSS-SB6C-722-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	5426.0	5426.0	5426.0	5426.0	5426.0	5426.0	5426.0
2.5°	5563.3	5612.4	5660.7	5709.0	5757.2	5809.7	5862.9
5°	5688.2	5783.9	5879.6	5976.9	6075.1	6168.4	6262.4
7.5°	5785.5	5918.7	6051.8	6200.8	6349.8	6507.9	6666.0
10°	5842.1	6006.9	6170.9	6356.4	6541.2	6730.9	6919.8
12.5°	5890.4	6074.3	6258.2	6465.5	6672.7	6860.8	7048.8
15°	5912.9	6111.8	6309.8	6520.4	6730.9	6920.7	7111.3
17.5°	5871.3	6096.8	6323.1	6547.8	6772.5	6949.8	7127.9
20°	5808.8	6074.3	6339.8	6581.1	6822.5	7002.2	7182.0
22.5°	5732.3	6056.8	6381.4	6646.0	6911.5	7075.5	7240.2
25°	5642.4	6055.2	6468.0	6757.6	7047.2	7189.5	7331.8
27.5°	5546.7	6071.0	6595.3	6920.7	7246.9	7355.9	7464.9
30°	5466.0	6105.1	6745.1	7113.7	7481.6	7566.5	7652.2
32.5°	5380.3	6143.4	6907.4	7340.9	7774.5	7827.8	7881.0
35°	5238.8	6134.2	7030.5	7582.3	8134.9	8201.4	8268.0
37.5°	5064.0	6108.4	7152.9	7876.9	8600.9	8680.0	8759.0
40°	4843.5	6050.2	7256.9	8213.9	9171.0	9327.4	9483.1
42.5°	4564.7	5949.5	7333.5	8586.8	9838.4	10168.8	10498.4
45°	4277.6	5880.4	7483.3	9092.7	10702.2	11230.7	11759.2
47.5°	4001.3	5799.7	7598.1	9612.9	11627.7	12296.8	12965.9
50°	3740.8	5662.4	7583.1	10066.4	12549.8	13456.9	14364.0
52.5°	3477.0	5381.1	7286.0	10281.1	13275.4	14716.8	16157.4
55°	3230.6	5008.3	6784.2	10224.6	13664.9	15982.6	18300.3
57.5°	3010.9	4617.9	6224.9	9915.8	13606.7	17045.4	20484.9
60°	2814.5	4124.4	5434.3	9176.0	12917.6	17521.4	22124.4
62.5°	2554.9	3498.6	4442.3	7963.4	11484.5	16465.3	21446.1
65°	*2251.1*	*2749.6*	*3247.3*	*6246.6*	*9245.9*	*14201.7*	*19157.5*
67.5°	1865.8	2102.2	2338.5	4861.0	7383.4	12196.9	17010.4
70°	1514.6	1597.8	1681.1	3725.0	5768.9	10361.9	14954.8
72.5°	1227.5	1228.3	1230.0	2800.4	4370.8	8604.2	12836.9
75°	911.3	916.3	922.1	2075.5	3229.0	6869.9	10510.8
77.5°	667.4	664.1	659.1	1341.5	2023.9	4507.3	6990.6
80°	426.1	422.8	417.8	741.5	1065.2	2584.0	4102.8
82.5°	259.7	258.8	258.0	398.6	539.3	1294.9	2051.4
85°	114.8	109.0	104.0	126.5	149.8	307.9	466.0
87.5°	37.4	35.0	33.3	34.1	35.0	36.6	37.4
90°	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

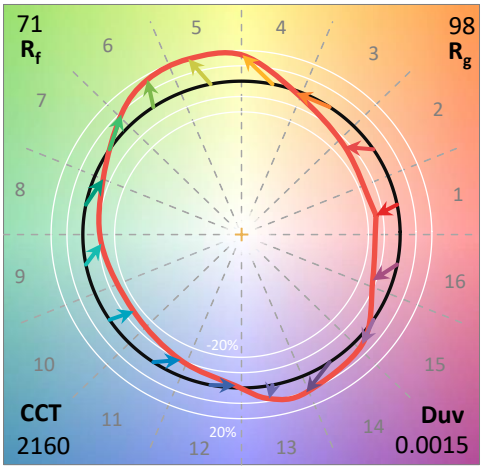
Test Information

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

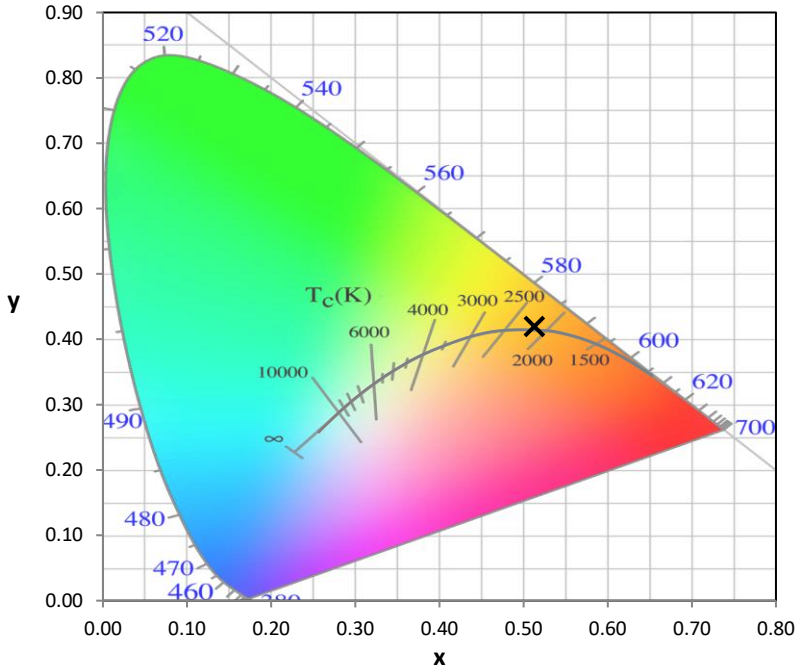
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-2

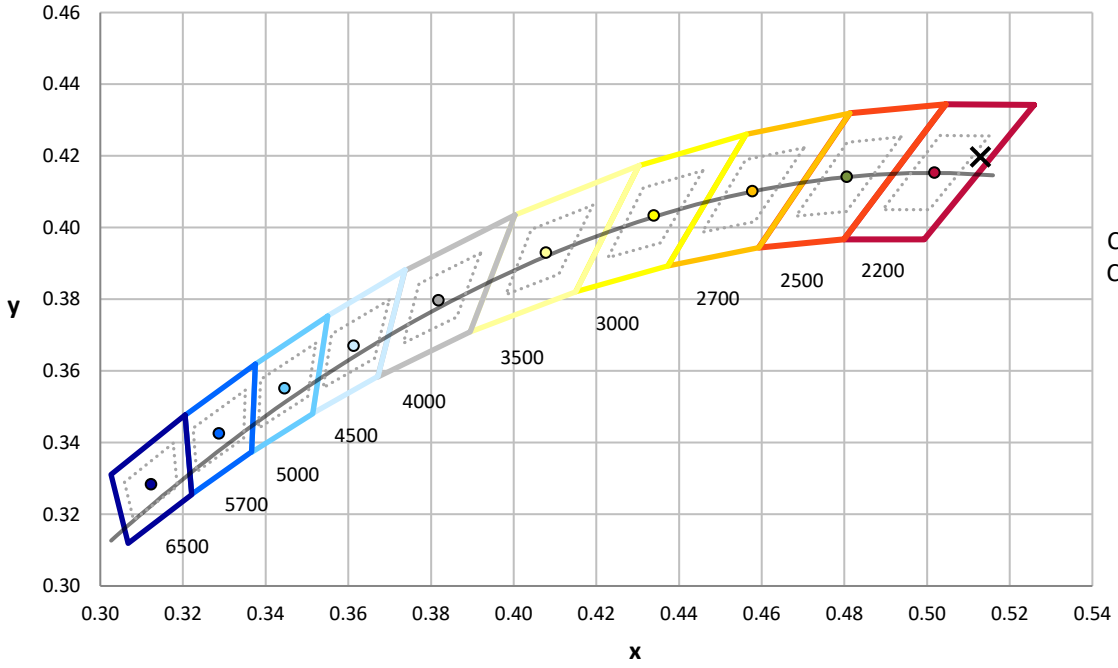
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

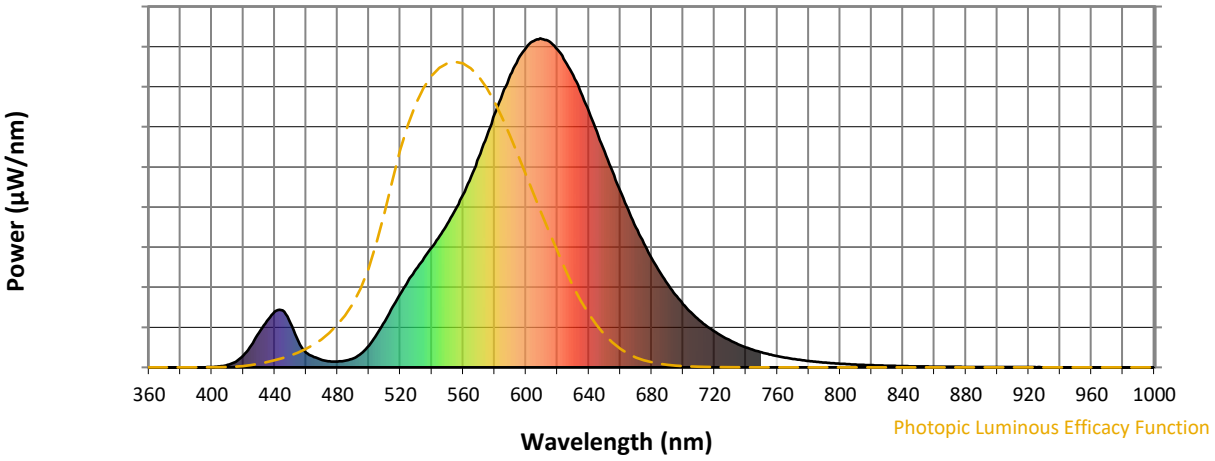


CCT = 2160K
CIE x = 0.5130
CIE y = 0.4197
Duv = 0.0015

Point lies inside the ANSI 2200K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-2

Photopic Flux vs. Wavelength

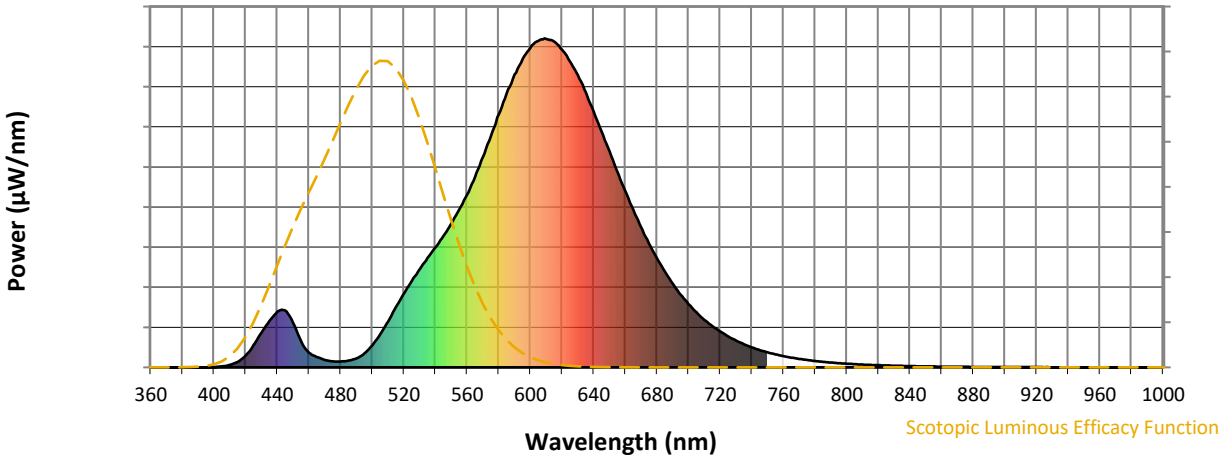


Photopic Lumens: NR

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

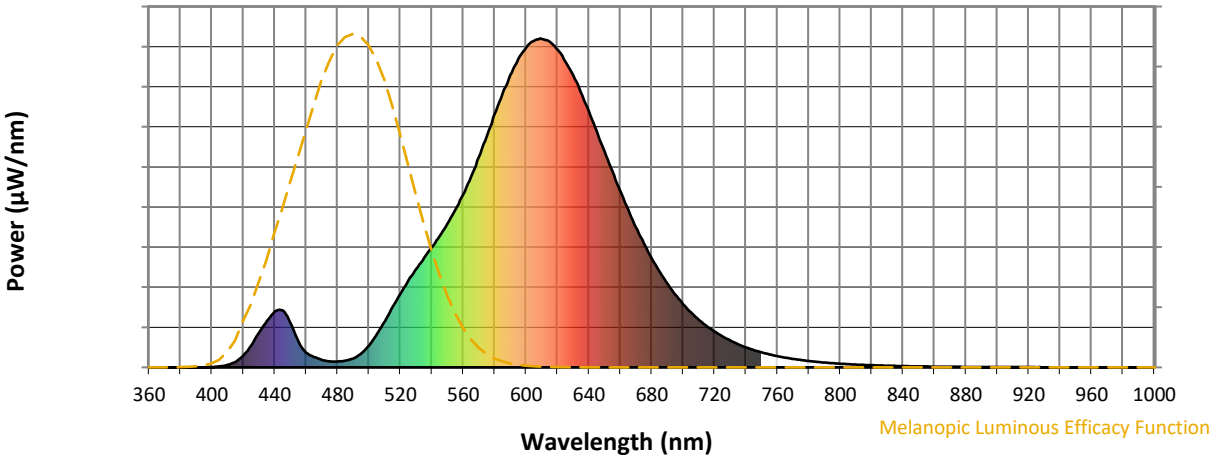


Scotopic Lumens: NR **S/P: 0.8**

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			

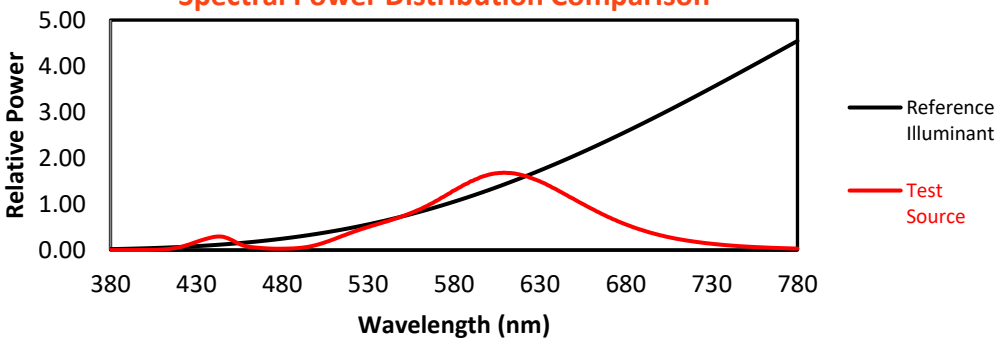
REPORT NUMBER: SP1-2407-184-2

TM-30-18

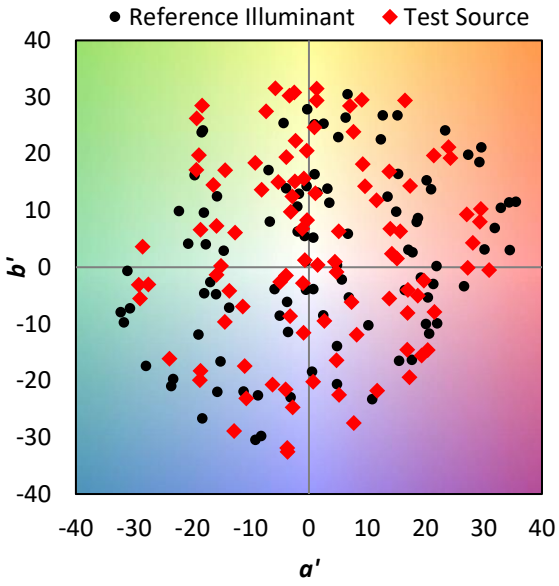
Summary

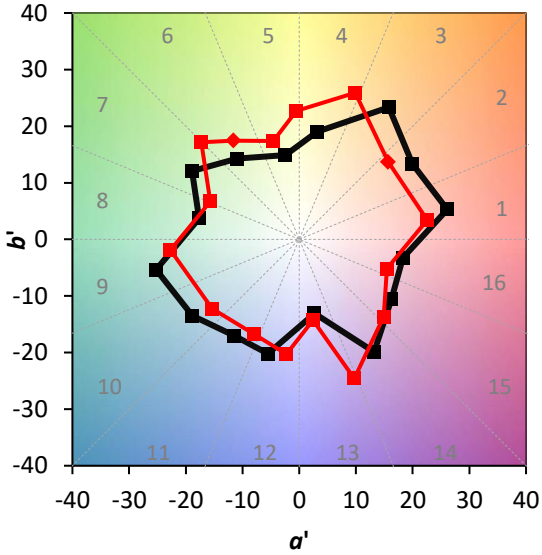
R_f = 70.6
R_g = 97.6
CIE R_a = 71.9
R_9 = -17.8

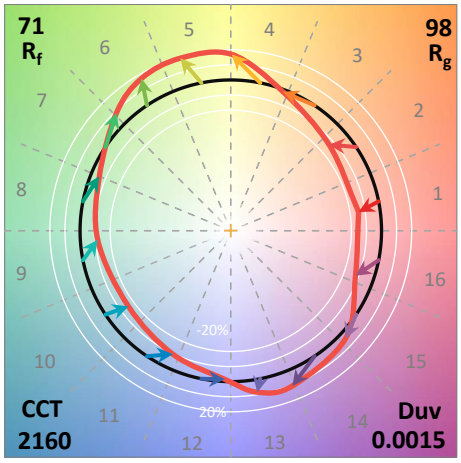
Spectral Power Distribution Comparison

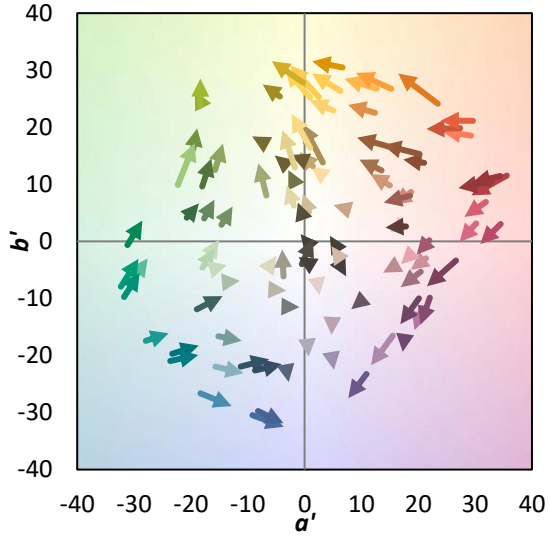


Color Vector Graphics







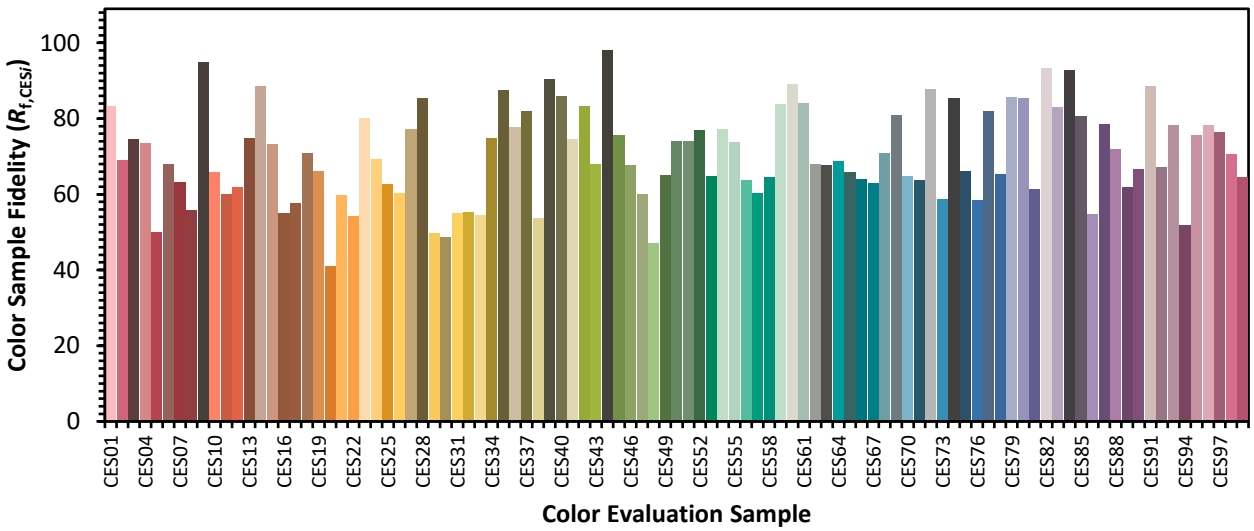


REPORT NUMBER: SP1-2407-184-2

TM-30-18

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

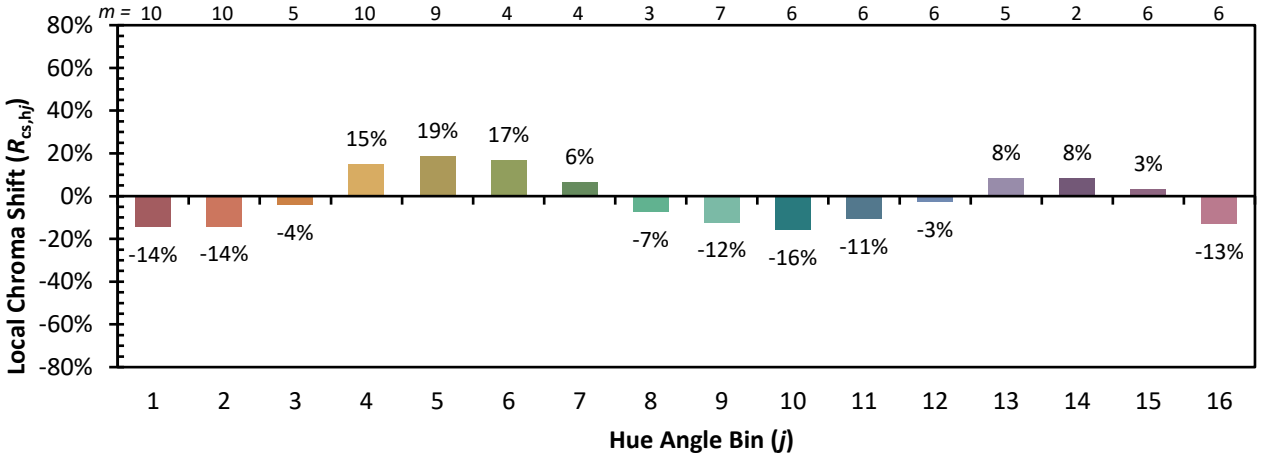
CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82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

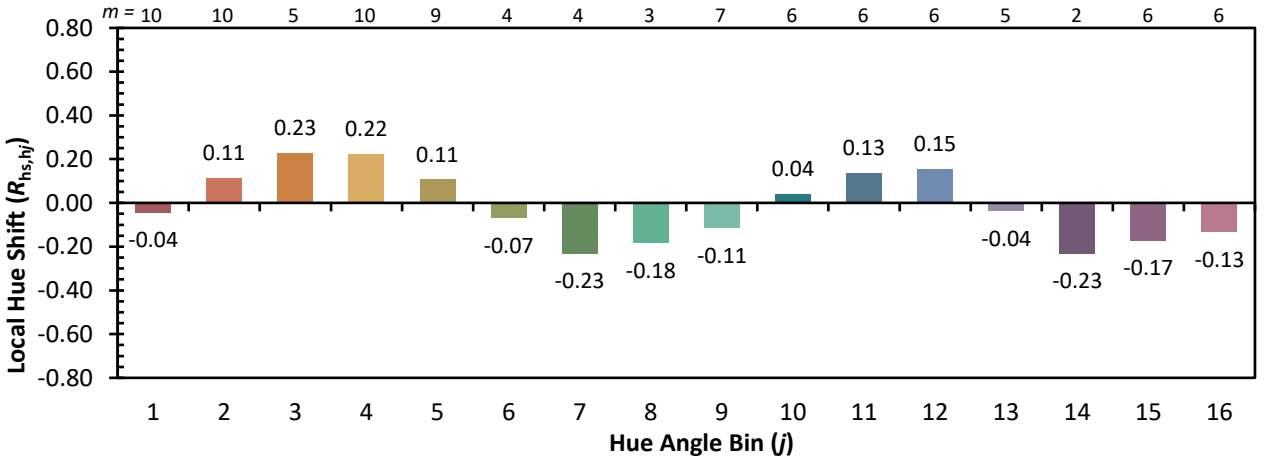


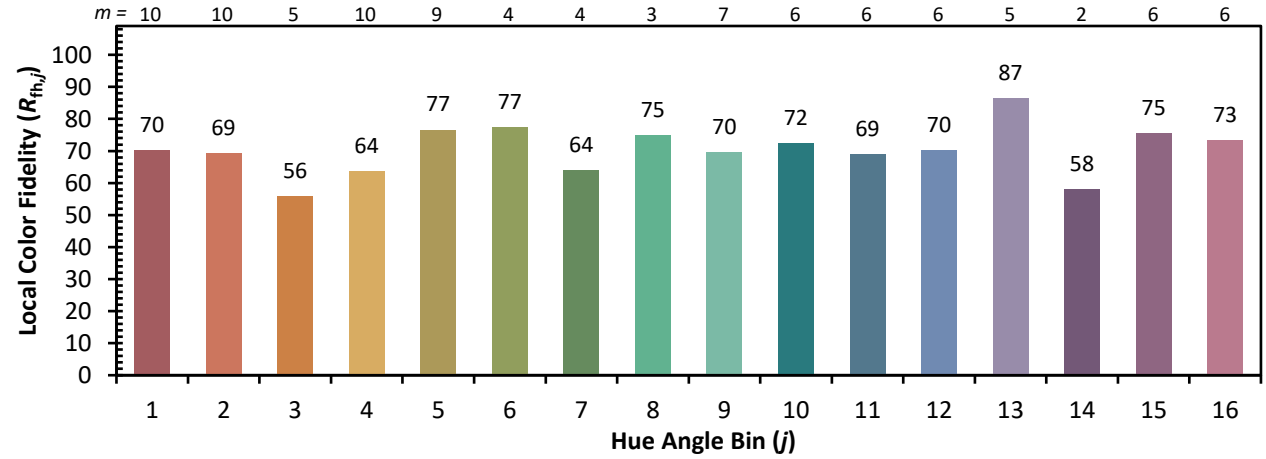
REPORT NUMBER: SP1-2407-184-2

TM-30-18

Color Rendition by Hue-Angle Bin



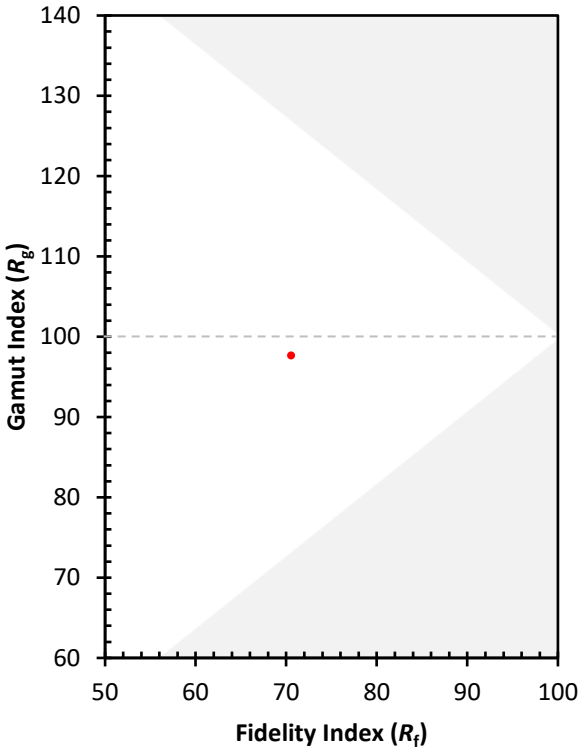


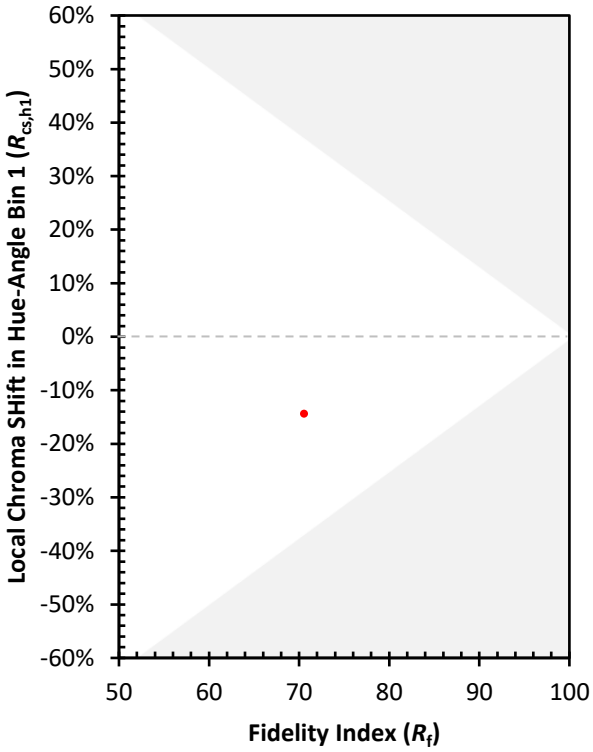


REPORT NUMBER: SP1-2407-184-2

TM-30-18

Measure Comparisons





(END OF REPORT)