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: P1364907

Luminaire Tested: **GSS-SB6A-740-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:	P1364907
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB6A-740-U-SLL
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 6SQUARE 170W 70CRI 4000K FIXTURE w/ 90° Spill Light Eliminator LEFT OPTIC
Light Source:	(156) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	26225.7 lumens
Efficiency:	N/A
Efficacy:	154.3 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - U0 - G4

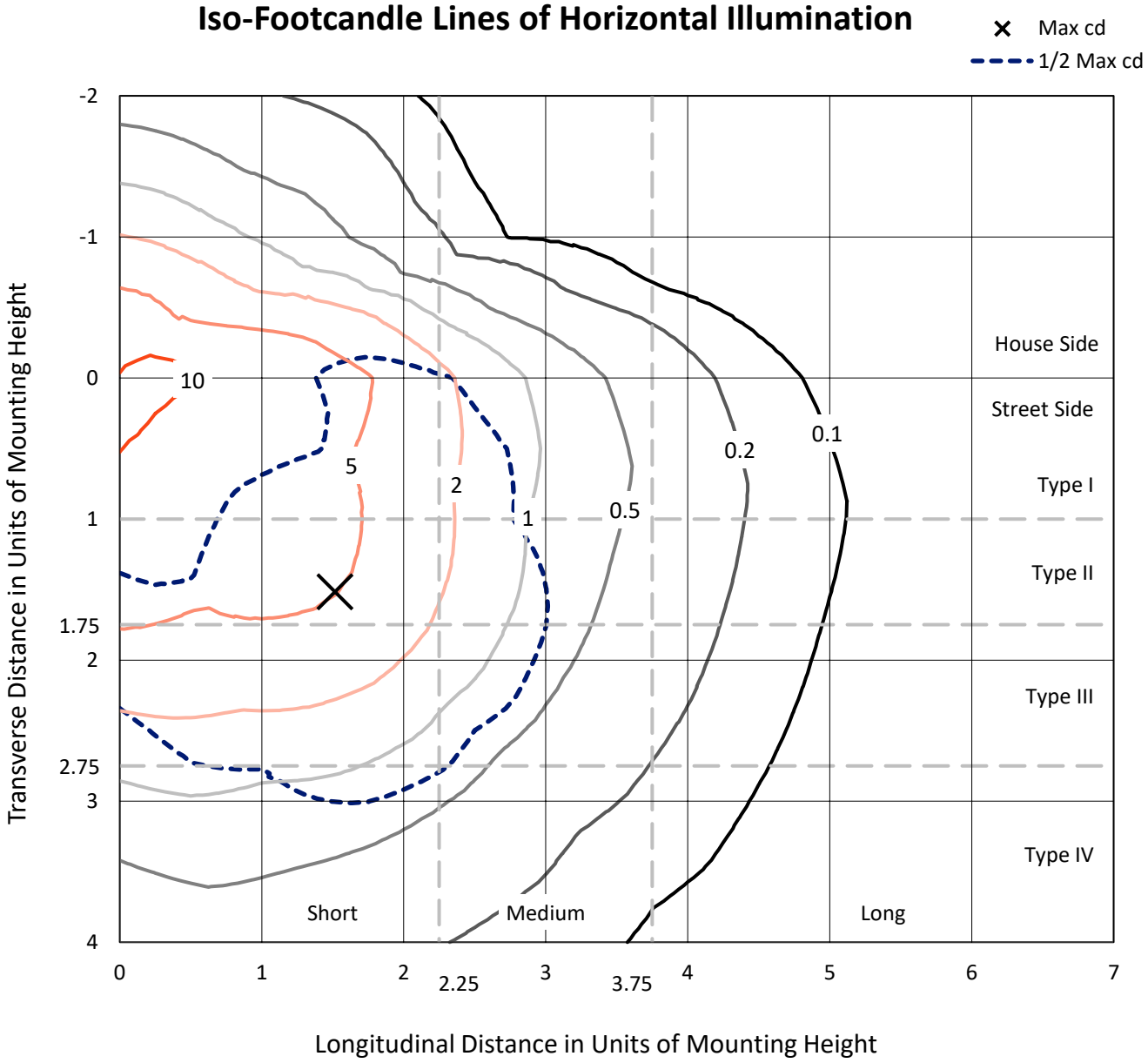
Input Watts (W):	170
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	12.0%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1364907
CATALOG NUMBER: GSS-SB6A-740-U-SLL

Iso-Footcandle Lines of Horizontal Illumination



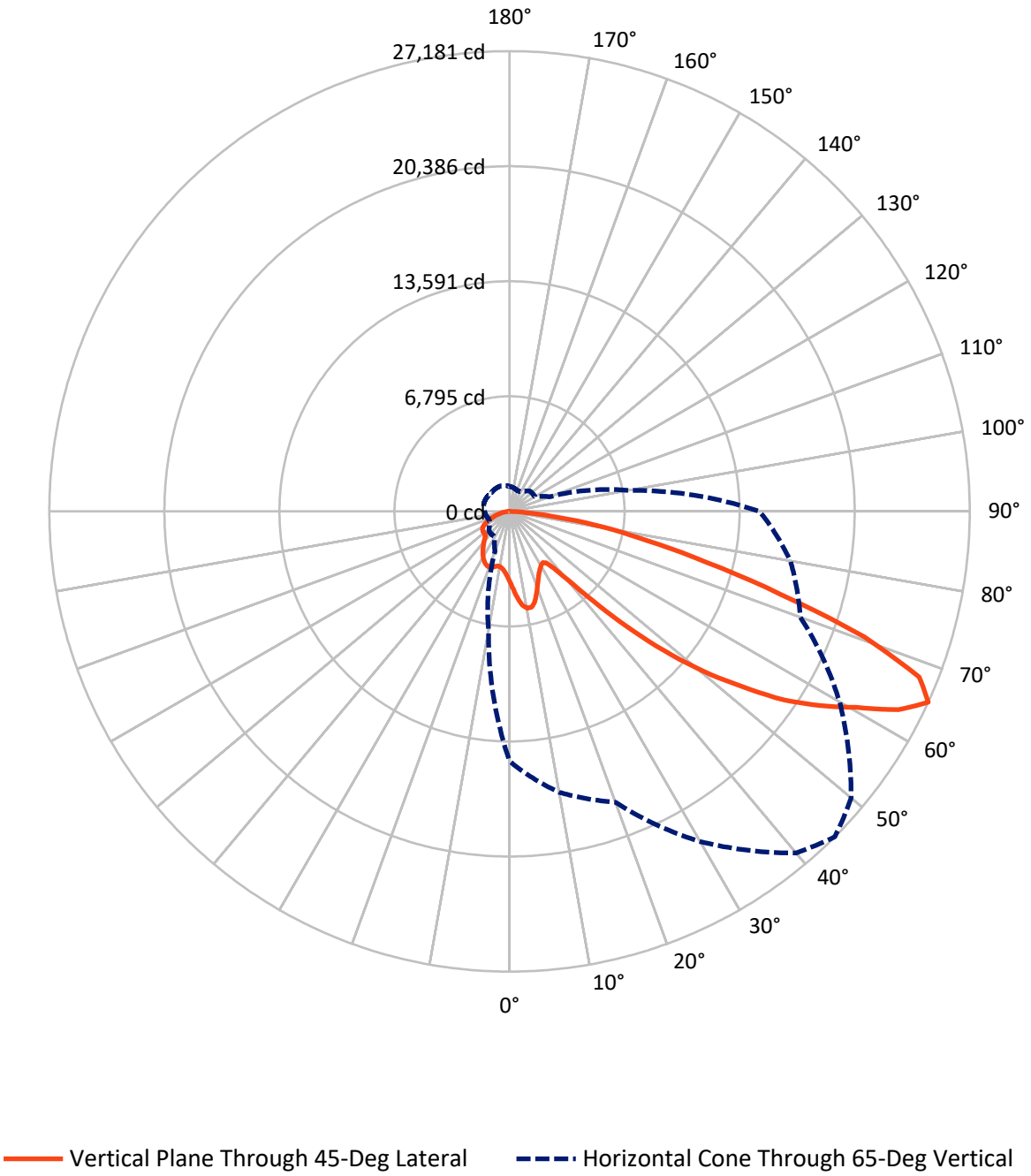
Based on 20 foot mounting height. Maximum calculated value = 13.9 fc
Type IV - Short - N/A

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

Scaled Data Report

REPORT NUMBER: P1364907
CATALOG NUMBER: GSS-SB6A-740-U-SLL

Luminous Intensity Polar Plot



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

Scaled Data Report

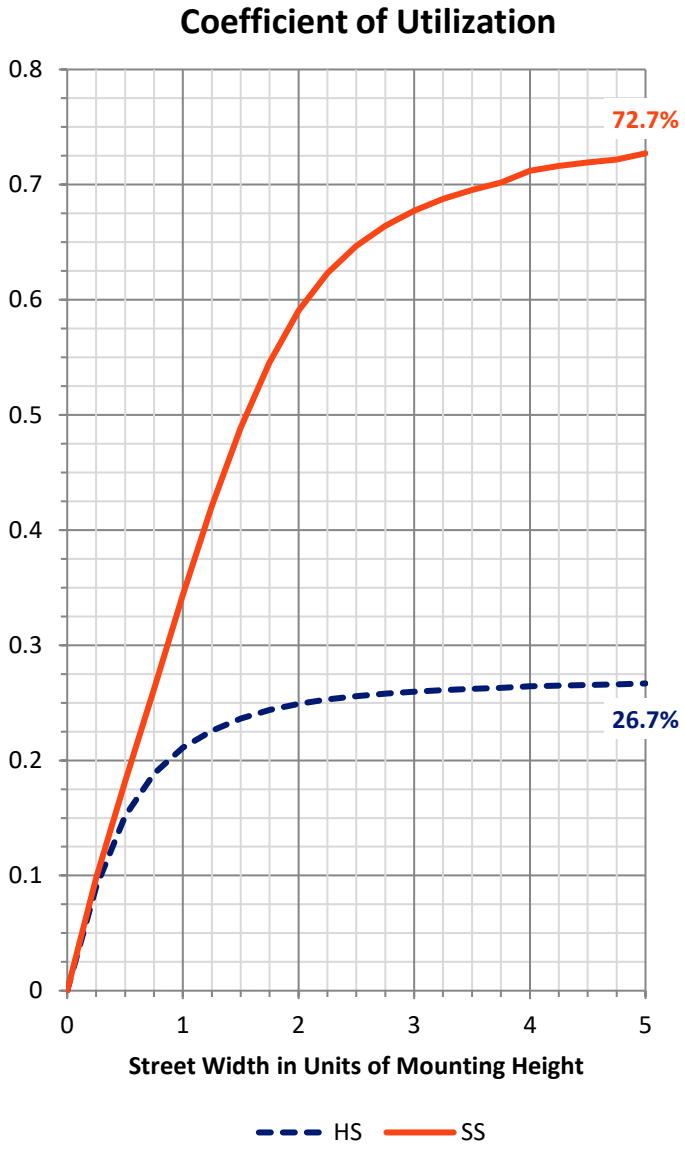
REPORT NUMBER: P1364907
CATALOG NUMBER: GSS-SB6A-740-U-SLL

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7055.3	0.0	7055.3
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	19170.4	0.0	19170.4
	% Fixture	73.1	0.0	73.1
Total	Lumens	26225.7	0.0	26225.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	412.9	1.6
10°-20°	1265.3	4.8
20°-30°	1958.4	7.5
30°-40°	2429.7	9.3
40°-50°	3553.0	13.5
50°-60°	5565.3	21.2
60°-70°	6603.6	25.2
70°-80°	3851.5	14.7
80°-90°	585.9	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°	26225.7	100.0
0°-180°	26225.7	100.0



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

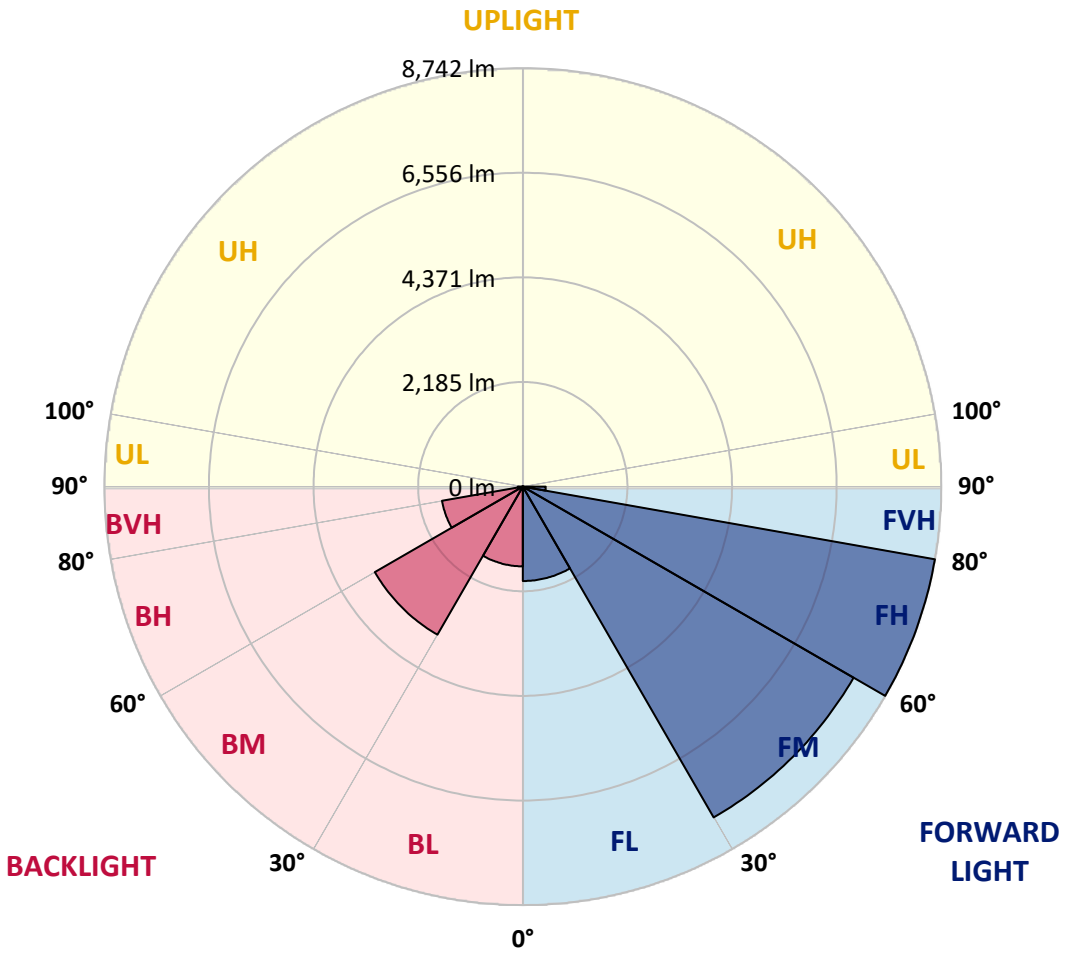
Scaled Data Report

REPORT NUMBER: P1364907
CATALOG NUMBER: GSS-SB6A-740-U-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1971.1	7.5			
FM	(30°-60°)	7978.4	30.4			
FH	(60°-80°)	8741.7	33.3			G4/12000
FVH	(80°-90°)	479.2	1.8			G3/500
BL	(0°-30°)	1665.5	6.4	B3/2500		
BM	(30°-60°)	3569.6	13.6	B3/5000		
BH	(60°-80°)	1713.4	6.5	B3/2500		G3/2500
BVH	(80°-90°)	106.7	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: P1364907
CATALOG NUMBER: GSS-SB6A-740-U-SLL

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	4181.7	4181.7	4181.7	4181.7	4181.7	4181.7	4181.7	4181.7	4181.7	*4181.7*	4181.7
2.5°	4518.5	4534.5	4550.5	4567.8	4585.8	4596.1	4606.3	4617.2	4627.5	*4637.1*	4627.5
5°	4826.3	4898.8	4970.6	5019.4	5068.1	5105.3	5142.5	5163.7	5185.5	*5188.7*	5185.5
7.5°	5137.4	5223.3	5309.3	5383.7	5458.1	5505.5	5553.0	5580.6	5608.8	*5618.4*	5608.8
10°	5333.0	5433.7	5535.0	5606.9	5679.3	5723.6	5767.2	5789.0	5810.8	*5817.2*	5810.8
12.5°	5432.4	5529.3	5626.1	5681.9	5737.1	5765.3	5792.9	5803.1	5812.1	*5804.4*	5812.1
15°	5480.5	5537.6	5594.0	5617.8	5640.9	5627.4	5613.3	5593.4	5573.5	*5560.7*	5573.5
17.5°	5493.3	5513.2	5533.7	5490.8	5448.4	5371.5	5294.5	5236.8	5179.1	*5137.4*	5179.1
20°	5535.0	5503.0	5470.9	5356.7	5243.2	5098.9	4954.6	4857.7	4760.2	*4701.2*	4760.2
22.5°	5579.9	5489.5	5399.1	5207.3	5015.5	4818.0	4621.1	4509.5	4398.5	*4335.7*	4398.5
25°	5650.5	5495.3	5339.4	5080.3	4821.8	4589.6	4358.1	4236.9	4116.3	*4047.0*	4116.3
27.5°	5753.1	5515.8	5278.5	4957.8	4637.1	4385.7	4133.6	4018.2	3902.7	*3841.8*	3902.7
30°	5897.4	5582.5	5266.9	4883.4	4499.2	4236.3	3973.3	3860.4	3746.9	*3681.5*	3746.9
32.5°	6073.8	5676.1	5278.5	4848.8	4419.0	4150.9	3883.5	3775.1	3667.4	*3610.9*	3667.4
35°	6372.0	5868.5	5365.1	4888.5	4412.6	4163.8	3915.6	3836.0	3757.1	*3726.4*	3757.1
37.5°	6750.4	6162.3	5573.5	5082.9	4592.2	4422.9	4253.6	4253.6	4253.6	*4277.9*	4253.6
40°	7308.4	6647.8	5987.2	5522.8	5059.1	5048.9	5039.9	5147.6	5256.0	*5304.1*	5256.0
42.5°	8090.9	7392.4	6694.6	6320.1	5945.5	6170.0	6394.5	6706.2	7017.9	*7221.8*	7017.9
45°	9062.6	8382.7	7702.9	7441.2	7180.1	7679.8	8178.8	8729.7	9280.6	*9671.9*	9280.6
47.5°	9992.5	9420.4	8847.7	8698.3	8549.5	9380.0	10210.6	11018.1	11825.6	*12301.5*	11825.6
50°	11070.0	10555.7	10040.7	10011.8	9982.9	11089.3	12195.7	13237.9	14280.1	*14860.5*	14280.1
52.5°	12452.2	11887.2	11321.5	11344.6	11366.4	12680.5	13994.7	15255.0	16515.3	*17169.5*	16515.3
55°	14103.7	13395.0	12686.3	12682.5	12678.6	14188.4	15699.5	17247.7	18797.3	*19670.8*	18797.3
57.5°	15787.3	15123.5	14459.7	14301.9	14143.5	15722.5	17301.0	19010.9	20721.4	*21639.8*	20721.4
60°	17050.8	16685.2	16319.7	16067.0	15814.9	17436.3	19058.3	20824.6	22590.3	*23506.2*	22590.3
62.5°	16528.1	17181.7	17835.2	17816.6	17798.0	19548.3	21298.6	23135.5	24973.7	*25795.9*	24973.7
65°	*14764.3*	*15806.6*	*16848.8*	*17565.8*	*18282.3*	*20398.1*	*22513.4*	*24427.2*	*26341.1*	*27181.3*	*26341.1*
67.5°	13109.6	14028.0	14947.1	15534.0	16120.8	18504.8	20889.4	23061.1	25232.8	*26097.4*	25232.8
70°	11525.4	12542.6	13559.8	13979.3	14398.8	16424.2	18449.0	20167.2	21884.8	*22223.5*	21884.8
72.5°	9893.1	11102.8	12313.0	12490.7	12668.3	14142.2	15616.1	16531.3	17446.6	*16707.7*	17446.6
75°	8100.5	9465.3	10829.5	10948.2	11066.8	11526.1	11985.9	12218.7	12452.2	*12032.1*	12452.2
77.5°	5387.5	6568.9	7751.0	8017.1	8283.3	8589.2	8895.8	8879.8	8863.7	*8273.7*	8863.7
80°	3162.0	4086.2	5010.4	5045.0	5079.7	5309.3	5538.2	5772.3	6006.4	*5631.2*	6006.4
82.5°	1581.0	2088.3	2596.3	2674.5	2752.8	2893.2	3033.7	3099.1	3165.2	*2847.7*	3165.2
85°	359.2	491.3	623.4	751.0	878.7	1026.2	1173.7	1157.0	1140.4	*962.1*	1140.4
87.5°	28.9	29.5	30.8	31.4	32.1	32.7	33.4	35.3	37.2	*38.5*	37.2
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: P1364907
CATALOG NUMBER: GSS-SB6A-740-U-SLL

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	4181.7	4181.7	4181.7	4181.7	4181.7	4181.7	4181.7	4181.7	4181.7	4181.7	4181.7
2.5°	4617.2	4606.3	4596.1	4585.8	4567.8	4550.5	4534.5	4518.5	4477.4	4437.0	4399.8
5°	5163.7	5142.5	5105.3	5068.1	5019.4	4970.6	4898.8	4826.3	4753.8	4682.0	4606.3
7.5°	5580.6	5553.0	5505.5	5458.1	5383.7	5309.3	5223.3	5137.4	5015.5	4893.7	4778.8
10°	5789.0	5767.2	5723.6	5679.3	5606.9	5535.0	5433.7	5333.0	5187.4	5041.2	4898.8
12.5°	5803.1	5792.9	5765.3	5737.1	5681.9	5626.1	5529.3	5432.4	5287.5	5142.5	4982.8
15°	5593.4	5613.3	5627.4	5640.9	5617.8	5594.0	5537.6	5480.5	5333.6	5187.4	5025.1
17.5°	5236.8	5294.5	5371.5	5448.4	5490.8	5533.7	5513.2	5493.3	5356.1	5219.5	5046.3
20°	4857.7	4954.6	5098.9	5243.2	5356.7	5470.9	5503.0	5535.0	5396.5	5258.0	5072.0
22.5°	4509.5	4621.1	4818.0	5015.5	5207.3	5399.1	5489.5	5579.9	5452.9	5326.6	5122.0
25°	4236.9	4358.1	4589.6	4821.8	5080.3	5339.4	5495.3	5650.5	5540.8	5431.1	5207.9
27.5°	4018.2	4133.6	4385.7	4637.1	4957.8	5278.5	5515.8	5753.1	5669.1	5585.1	5333.6
30°	3860.4	3973.3	4236.3	4499.2	4883.4	5266.9	5582.5	5897.4	5831.3	5765.9	5482.4
32.5°	3775.1	3883.5	4150.9	4419.0	4848.8	5278.5	5676.1	6073.8	6032.7	5991.7	5657.5
35°	3836.0	3915.6	4163.8	4412.6	4888.5	5365.1	5868.5	6372.0	6320.7	6269.4	5843.5
37.5°	4253.6	4253.6	4422.9	4592.2	5082.9	5573.5	6162.3	6750.4	6689.5	6628.6	6070.6
40°	5147.6	5039.9	5048.9	5059.1	5522.8	5987.2	6647.8	7308.4	7188.5	7067.9	6330.3
42.5°	6706.2	6394.5	6170.0	5945.5	6320.1	6694.6	7392.4	8090.9	7836.9	7582.3	6617.7
45°	8729.7	8178.8	7679.8	7180.1	7441.2	7702.9	8382.7	9062.6	8655.3	8248.0	7007.6
47.5°	11018.1	10210.6	9380.0	8549.5	8698.3	8847.7	9420.4	9992.5	9476.9	8961.2	7408.5
50°	13237.9	12195.7	11089.3	9982.9	10011.8	10040.7	10555.7	11070.0	10371.0	9671.9	7758.0
52.5°	15255.0	13994.7	12680.5	11366.4	11344.6	11321.5	11887.2	12452.2	11342.0	10231.1	7923.5
55°	17247.7	15699.5	14188.4	12678.6	12682.5	12686.3	13395.0	14103.7	12317.5	10531.3	7879.9
57.5°	19010.9	17301.0	15722.5	14143.5	14301.9	14459.7	15123.5	15787.3	13136.5	10486.4	7641.9
60°	20824.6	19058.3	17436.3	15814.9	16067.0	16319.7	16685.2	17050.8	13503.4	9955.3	7071.7
62.5°	23135.5	21298.6	19548.3	17798.0	17816.6	17835.2	17181.7	16528.1	12689.5	8850.9	6137.3
65°	*24427.2*	*22513.4*	*20398.1*	*18282.3*	*17565.8*	*16848.8*	*15806.6*	*14764.3*	*10945.0*	*7125.6*	*4814.1*
67.5°	23061.1	20889.4	18504.8	16120.8	15534.0	14947.1	14028.0	13109.6	9399.9	5690.2	3746.2
70°	20167.2	18449.0	16424.2	14398.8	13979.3	13559.8	12542.6	11525.4	7985.7	4446.0	2870.8
72.5°	16531.3	15616.1	14142.2	12668.3	12490.7	12313.0	11102.8	9893.1	6631.1	3368.5	2158.2
75°	12218.7	11985.9	11526.1	11066.8	10948.2	10829.5	9465.3	8100.5	5294.5	2488.5	1599.6
77.5°	8879.8	8895.8	8589.2	8283.3	8017.1	7751.0	6568.9	5387.5	3473.7	1559.8	1033.9
80°	5772.3	5538.2	5309.3	5079.7	5045.0	5010.4	4086.2	3162.0	1991.5	821.0	571.5
82.5°	3099.1	3033.7	2893.2	2752.8	2674.5	2596.3	2088.3	1581.0	998.0	415.6	307.2
85°	1157.0	1173.7	1026.2	878.7	751.0	623.4	491.3	359.2	237.3	115.4	97.5
87.5°	35.3	33.4	32.7	32.1	31.4	30.8	29.5	28.9	28.2	26.9	26.3
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: P1364907
CATALOG NUMBER: GSS-SB6A-740-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	4181.7	4181.7	4181.7	4181.7	4181.7	4181.7	4181.7	4181.7	4181.7	4181.7	4181.7
2.5°	4362.6	4325.4	4287.6	4251.6	4215.1	4178.5	4146.5	4111.8	4077.8	4050.9	4024.6
5°	4531.3	4457.5	4383.8	4313.9	4244.6	4172.1	4109.9	4048.3	3988.0	3938.0	3888.0
7.5°	4664.0	4561.4	4458.8	4367.1	4274.7	4178.5	4103.5	4028.4	3954.0	3889.3	3823.8
10°	4755.8	4629.4	4502.4	4396.6	4290.8	4188.1	4108.0	4029.1	3950.8	3884.1	3817.4
12.5°	4823.1	4681.4	4539.6	4422.9	4306.8	4194.6	4116.3	4050.9	3986.1	3939.3	3893.1
15°	4862.9	4710.2	4556.9	4425.5	4294.0	4168.9	4099.6	4057.3	4015.0	4011.1	4007.3
17.5°	4873.1	4698.7	4524.9	4371.6	4218.9	4072.7	4013.7	4007.9	4002.2	4065.6	4129.1
20°	4886.0	4681.4	4476.8	4275.4	4074.0	3880.3	3843.1	3879.6	3915.6	4040.0	4163.8
22.5°	4918.0	4667.9	4417.8	4165.1	3912.4	3681.5	3646.2	3700.1	3753.3	3915.6	4077.8
25°	4984.7	4666.6	4348.5	4033.6	3718.7	3453.8	3450.6	3508.9	3567.3	3717.4	3867.5
27.5°	5082.9	4678.8	4274.7	3898.9	3522.4	3251.7	3267.8	3323.6	3380.0	3491.6	3603.2
30°	5198.3	4705.1	4212.5	3781.5	3351.2	3088.2	3105.5	3149.1	3192.7	3273.6	3354.4
32.5°	5323.4	4734.6	4146.5	3678.9	3212.0	2969.5	2969.5	2988.1	3006.7	3059.3	3111.9
35°	5418.3	4727.5	4037.4	3562.2	3086.3	2899.0	2859.2	2843.8	2828.4	2863.1	2897.7
37.5°	5512.6	4707.7	3902.7	3432.6	2963.1	2815.6	2739.9	2698.9	2656.6	2673.2	2688.6
40°	5592.7	4662.8	3732.8	3278.0	2823.3	2706.6	2611.7	2550.1	2488.5	2487.2	2485.3
42.5°	5651.8	4585.2	3517.9	3094.0	2669.4	2587.9	2470.6	2392.3	2314.1	2305.7	2297.4
45°	5767.2	4531.9	3296.6	2906.7	2517.4	2443.6	2326.9	2246.1	2166.5	2153.7	2140.9
47.5°	5855.7	4469.7	3083.7	2720.7	2359.0	2273.7	2164.6	2096.0	2026.7	2019.0	2010.7
50°	5844.2	4363.9	2883.0	2555.2	2226.8	2110.1	2002.4	1945.9	1888.8	1898.5	1908.1
52.5°	5615.2	4147.1	2679.6	2406.4	2134.5	1985.0	1869.6	1827.3	1784.3	1814.4	1843.9
55°	5228.4	3859.8	2489.8	2282.0	2072.9	1924.1	1788.1	1740.7	1693.2	1735.5	1777.9
57.5°	4797.4	3559.0	2320.5	2176.8	2033.1	1908.1	1741.3	1674.6	1608.6	1650.9	1693.2
60°	4188.1	3178.6	2169.1	2068.4	1967.7	1869.6	1702.8	1619.5	1536.1	1564.3	1591.9
62.5°	3423.6	2696.3	1969.0	1912.6	1856.8	1815.1	1656.0	1547.0	1438.0	1441.8	1444.4
65°	*2502.6*	*2119.1*	*1734.9*	*1722.7*	*1711.2*	*1699.6*	*1568.2*	*1450.8*	*1334.1*	*1321.2*	*1308.4*
67.5°	1802.3	1620.1	1438.0	1471.9	1505.9	1523.3	1433.5	1330.2	1226.3	1200.0	1173.7
70°	1295.6	1231.4	1167.3	1218.0	1268.6	1263.5	1219.9	1158.3	1096.7	1080.1	1063.4
72.5°	947.9	946.7	946.0	984.5	1023.0	971.7	999.3	985.1	971.7	959.5	947.9
75°	710.6	706.1	702.3	747.8	794.0	814.5	832.5	824.8	817.7	808.8	800.4
77.5°	508.0	511.8	514.4	564.4	614.4	673.4	676.6	660.0	642.7	633.7	623.4
80°	322.0	325.8	328.4	381.0	432.9	516.3	513.1	492.6	471.4	464.4	456.7
82.5°	198.8	199.5	200.1	225.8	251.4	298.2	311.1	311.1	311.1	306.6	301.4
85°	80.2	84.0	88.5	105.2	121.9	147.5	155.2	156.5	157.1	150.1	142.4
87.5°	25.7	26.9	28.9	32.1	35.3	38.5	44.9	48.7	52.6	56.4	59.0
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: P1364907
CATALOG NUMBER: GSS-SB6A-740-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	4181.7	4181.7	4181.7	4181.7	4181.7	4181.7	4181.7	4181.7	4181.7	4181.7	4181.7
2.5°	4001.5	3977.8	3950.2	3922.0	3902.1	3881.6	3868.1	3854.6	3848.2	3841.8	3836.7
5°	3846.9	3804.6	3767.4	3729.6	3700.1	3669.9	3645.5	3620.5	3610.3	3599.4	3592.3
7.5°	3768.7	3713.5	3667.4	3620.5	3576.3	3532.7	3504.4	3476.2	3459.6	3442.9	3430.7
10°	3759.1	3700.7	3639.8	3578.8	3530.1	3481.4	3439.0	3398.0	3374.2	3351.2	3338.3
12.5°	3839.2	3785.4	3712.9	3639.8	3573.7	3508.3	3456.3	3404.4	3374.9	3346.7	3327.4
15°	3988.7	3970.1	3902.7	3835.4	3744.3	3652.6	3578.2	3503.2	3462.1	3419.8	3396.1
17.5°	4165.7	4202.3	4155.4	4108.0	3979.7	3851.4	3740.5	3630.2	3569.9	3509.6	3488.4
20°	4262.5	4361.3	4356.2	4351.7	4184.3	4016.3	3870.7	3725.1	3644.3	3564.7	3532.7
22.5°	4220.2	4362.6	4399.2	4435.1	4270.9	4106.1	3926.5	3746.9	3652.0	3556.4	3526.3
25°	4020.7	4174.0	4242.0	4310.0	4174.7	4039.3	3864.9	3691.1	3591.0	3490.3	3459.6
27.5°	3726.4	3849.5	3925.8	4002.2	3919.4	3836.7	3695.6	3554.5	3466.0	3376.8	3344.1
30°	3437.7	3521.1	3582.1	3643.0	3588.5	3533.9	3432.6	3331.9	3265.9	3200.4	3179.9
32.5°	3174.1	3235.7	3269.7	3303.1	3260.7	3218.4	3151.7	3085.0	3043.9	3002.9	2989.4
35°	2947.7	2998.4	3024.1	3049.7	3014.4	2979.2	2919.5	2860.5	2831.0	2801.5	2790.6
37.5°	2731.6	2773.9	2810.5	2847.7	2822.0	2796.4	2745.7	2695.0	2660.4	2624.5	2605.2
40°	2526.4	2566.8	2612.9	2658.5	2654.0	2648.9	2600.8	2552.7	2502.6	2453.2	2426.9
42.5°	2337.8	2378.2	2426.9	2475.7	2485.3	2494.9	2455.2	2414.8	2357.0	2299.3	2258.9
45°	2175.5	2211.4	2264.7	2318.6	2341.0	2363.4	2327.5	2291.0	2226.2	2161.4	2113.3
47.5°	2047.3	2084.5	2143.5	2203.1	2226.8	2251.2	2226.8	2203.1	2147.3	2090.9	2048.5
50°	1948.5	1988.2	2034.4	2081.2	2125.5	2169.1	2164.6	2160.1	2115.9	2071.6	2031.9
52.5°	1880.5	1917.7	1965.8	2013.9	2060.1	2106.9	2114.0	2121.7	2089.6	2057.5	2022.9
55°	1822.1	1866.4	1911.3	1956.2	1999.8	2042.8	2052.4	2062.0	2038.9	2015.2	1989.5
57.5°	1741.3	1789.4	1834.3	1879.2	1929.9	1980.6	1988.2	1995.9	1971.6	1946.6	1927.3
60°	1641.3	1690.0	1736.8	1783.0	1834.3	1885.6	1895.9	1906.2	1886.9	1867.7	1849.7
62.5°	1500.2	1555.3	1593.8	1632.3	1681.0	1730.4	1745.2	1760.6	1751.6	1743.2	1722.7
65°	*1361.0*	*1414.2*	*1444.4*	*1475.2*	*1517.5*	*1559.8*	*1574.6*	*1589.3*	*1584.8*	*1581.0*	*1566.2*
67.5°	1222.5	1271.2	1296.2	1321.2	1350.1	1378.9	1395.6	1412.3	1404.0	1395.0	1379.6
70°	1103.2	1142.9	1164.7	1186.5	1209.6	1232.7	1241.7	1250.7	1237.8	1225.0	1190.4
72.5°	978.1	1008.2	1026.8	1045.4	1067.2	1089.0	1094.2	1099.9	1080.1	1059.5	1019.1
75°	823.5	846.6	860.7	875.5	897.9	920.4	930.0	939.6	911.4	883.8	840.8
77.5°	644.6	665.7	679.2	692.7	711.3	729.9	732.4	736.3	711.9	687.5	661.9
80°	472.0	487.4	492.6	497.1	512.5	527.2	527.2	527.2	509.2	490.6	477.8
82.5°	298.2	295.0	288.6	282.2	297.6	313.0	318.1	323.9	315.6	307.9	293.7
85°	133.4	123.1	121.2	118.7	118.0	116.7	121.2	125.1	123.1	121.9	116.7
87.5°	62.9	65.4	63.5	60.9	58.4	56.4	51.3	46.2	42.3	38.5	35.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

Scaled Data Report

REPORT NUMBER: P1364907
CATALOG NUMBER: GSS-SB6A-740-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	4181.7	4181.7	4181.7	4181.7	4181.7	4181.7	4181.7	4181.7	4181.7	4181.7	4181.7
2.5°	3832.2	3829.0	3832.2	3836.7	3841.8	3848.2	3854.6	3868.1	3881.6	3902.1	3922.0
5°	3585.3	3578.8	3585.3	3592.3	3599.4	3610.3	3620.5	3645.5	3669.9	3700.1	3729.6
7.5°	3418.5	3412.1	3418.5	3430.7	3442.9	3459.6	3476.2	3504.4	3532.7	3576.3	3620.5
10°	3325.5	3315.9	3325.5	3338.3	3351.2	3374.2	3398.0	3439.0	3481.4	3530.1	3578.8
12.5°	3308.2	3296.6	3308.2	3327.4	3346.7	3374.9	3404.4	3456.3	3508.3	3573.7	3639.8
15°	3372.3	3354.4	3372.3	3396.1	3419.8	3462.1	3503.2	3578.2	3652.6	3744.3	3835.4
17.5°	3466.6	3457.0	3466.6	3488.4	3509.6	3569.9	3630.2	3740.5	3851.4	3979.7	4108.0
20°	3500.6	3489.1	3500.6	3532.7	3564.7	3644.3	3725.1	3870.7	4016.3	4184.3	4351.7
22.5°	3495.5	3482.6	3495.5	3526.3	3556.4	3652.0	3746.9	3926.5	4106.1	4270.9	4435.1
25°	3428.1	3418.5	3428.1	3459.6	3490.3	3591.0	3691.1	3864.9	4039.3	4174.7	4310.0
27.5°	3310.8	3290.2	3310.8	3344.1	3376.8	3466.0	3554.5	3695.6	3836.7	3919.4	4002.2
30°	3158.7	3149.1	3158.7	3179.9	3200.4	3265.9	3331.9	3432.6	3533.9	3588.5	3643.0
32.5°	2976.0	2969.5	2976.0	2989.4	3002.9	3043.9	3085.0	3151.7	3218.4	3260.7	3303.1
35°	2780.3	2770.7	2780.3	2790.6	2801.5	2831.0	2860.5	2919.5	2979.2	3014.4	3049.7
37.5°	2586.0	2571.9	2586.0	2605.2	2624.5	2660.4	2695.0	2745.7	2796.4	2822.0	2847.7
40°	2400.0	2385.9	2400.0	2426.9	2453.2	2502.6	2552.7	2600.8	2648.9	2654.0	2658.5
42.5°	2219.1	2193.5	2219.1	2258.9	2299.3	2357.0	2414.8	2455.2	2494.9	2485.3	2475.7
45°	2065.2	2033.1	2065.2	2113.3	2161.4	2226.2	2291.0	2327.5	2363.4	2341.0	2318.6
47.5°	2006.2	1975.4	2006.2	2048.5	2090.9	2147.3	2203.1	2226.8	2251.2	2226.8	2203.1
50°	1991.5	1962.6	1991.5	2031.9	2071.6	2115.9	2160.1	2164.6	2169.1	2125.5	2081.2
52.5°	1988.2	1962.6	1988.2	2022.9	2057.5	2089.6	2121.7	2114.0	2106.9	2060.1	2013.9
55°	1963.9	1943.4	1963.9	1989.5	2015.2	2038.9	2062.0	2052.4	2042.8	1999.8	1956.2
57.5°	1908.1	1898.5	1908.1	1927.3	1946.6	1971.6	1995.9	1988.2	1980.6	1929.9	1879.2
60°	1831.1	1815.1	1831.1	1849.7	1867.7	1886.9	1906.2	1895.9	1885.6	1834.3	1783.0
62.5°	1702.8	1680.4	1702.8	1722.7	1743.2	1751.6	1760.6	1745.2	1730.4	1681.0	1632.3
65°	*1552.1*	*1526.5*	*1552.1*	*1566.2*	*1581.0*	*1584.8*	*1589.3*	*1574.6*	*1559.8*	*1517.5*	*1475.2*
67.5°	1364.8	1359.7	1364.8	1379.6	1395.0	1404.0	1412.3	1395.6	1378.9	1350.1	1321.2
70°	1155.7	1116.0	1155.7	1190.4	1225.0	1237.8	1250.7	1241.7	1232.7	1209.6	1186.5
72.5°	978.1	936.4	978.1	1019.1	1059.5	1080.1	1099.9	1094.2	1089.0	1067.2	1045.4
75°	798.5	769.6	798.5	840.8	883.8	911.4	939.6	930.0	920.4	897.9	875.5
77.5°	636.2	622.1	636.2	661.9	687.5	711.9	736.3	732.4	729.9	711.3	692.7
80°	465.0	455.4	465.0	477.8	490.6	509.2	527.2	527.2	527.2	512.5	497.1
82.5°	279.0	269.4	279.0	293.7	307.9	315.6	323.9	318.1	313.0	297.6	282.2
85°	112.2	109.0	112.2	116.7	121.9	123.1	125.1	121.2	116.7	118.0	118.7
87.5°	33.4	32.1	33.4	35.9	38.5	42.3	46.2	51.3	56.4	58.4	60.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

Scaled Data Report

REPORT NUMBER: P1364907
CATALOG NUMBER: GSS-SB6A-740-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	4181.7	4181.7	4181.7	4181.7	4181.7	4181.7	4181.7	4181.7	4181.7	4181.7	4181.7
2.5°	3950.2	3977.8	4001.5	4024.6	4050.9	4077.8	4111.8	4146.5	4178.5	4215.1	4251.6
5°	3767.4	3804.6	3846.9	3888.0	3938.0	3988.0	4048.3	4109.9	4172.1	4244.6	4313.9
7.5°	3667.4	3713.5	3768.7	3823.8	3889.3	3954.0	4028.4	4103.5	4178.5	4274.7	4367.1
10°	3639.8	3700.7	3759.1	3817.4	3884.1	3950.8	4029.1	4108.0	4188.1	4290.8	4396.6
12.5°	3712.9	3785.4	3839.2	3893.1	3939.3	3986.1	4050.9	4116.3	4194.6	4306.8	4422.9
15°	3902.7	3970.1	3988.7	4007.3	4011.1	4015.0	4057.3	4099.6	4168.9	4294.0	4425.5
17.5°	4155.4	4202.3	4165.7	4129.1	4065.6	4002.2	4007.9	4013.7	4072.7	4218.9	4371.6
20°	4356.2	4361.3	4262.5	4163.8	4040.0	3915.6	3879.6	3843.1	3880.3	4074.0	4275.4
22.5°	4399.2	4362.6	4220.2	4077.8	3915.6	3753.3	3700.1	3646.2	3681.5	3912.4	4165.1
25°	4242.0	4174.0	4020.7	3867.5	3717.4	3567.3	3508.9	3450.6	3453.8	3718.7	4033.6
27.5°	3925.8	3849.5	3726.4	3603.2	3491.6	3380.0	3323.6	3267.8	3251.7	3522.4	3898.9
30°	3582.1	3521.1	3437.7	3354.4	3273.6	3192.7	3149.1	3105.5	3088.2	3351.2	3781.5
32.5°	3269.7	3235.7	3174.1	3111.9	3059.3	3006.7	2988.1	2969.5	2969.5	3212.0	3678.9
35°	3024.1	2998.4	2947.7	2897.7	2863.1	2828.4	2843.8	2859.2	2899.0	3086.3	3562.2
37.5°	2810.5	2773.9	2731.6	2688.6	2673.2	2656.6	2698.9	2739.9	2815.6	2963.1	3432.6
40°	2612.9	2566.8	2526.4	2485.3	2487.2	2488.5	2550.1	2611.7	2706.6	2823.3	3278.0
42.5°	2426.9	2378.2	2337.8	2297.4	2305.7	2314.1	2392.3	2470.6	2587.9	2669.4	3094.0
45°	2264.7	2211.4	2175.5	2140.9	2153.7	2166.5	2246.1	2326.9	2443.6	2517.4	2906.7
47.5°	2143.5	2084.5	2047.3	2010.7	2019.0	2026.7	2096.0	2164.6	2273.7	2359.0	2720.7
50°	2034.4	1988.2	1948.5	1908.1	1898.5	1888.8	1945.9	2002.4	2110.1	2226.8	2555.2
52.5°	1965.8	1917.7	1880.5	1843.9	1814.4	1784.3	1827.3	1869.6	1985.0	2134.5	2406.4
55°	1911.3	1866.4	1822.1	1777.9	1735.5	1693.2	1740.7	1788.1	1924.1	2072.9	2282.0
57.5°	1834.3	1789.4	1741.3	1693.2	1650.9	1608.6	1674.6	1741.3	1908.1	2033.1	2176.8
60°	1736.8	1690.0	1641.3	1591.9	1564.3	1536.1	1619.5	1702.8	1869.6	1967.7	2068.4
62.5°	1593.8	1555.3	1500.2	1444.4	1441.8	1438.0	1547.0	1656.0	1815.1	1856.8	1912.6
65°	*1444.4*	*1414.2*	*1361.0*	*1308.4*	*1321.2*	*1334.1*	*1450.8*	*1568.2*	*1699.6*	*1711.2*	*1722.7*
67.5°	1296.2	1271.2	1222.5	1173.7	1200.0	1226.3	1330.2	1433.5	1523.3	1505.9	1471.9
70°	1164.7	1142.9	1103.2	1063.4	1080.1	1096.7	1158.3	1219.9	1263.5	1268.6	1218.0
72.5°	1026.8	1008.2	978.1	947.9	959.5	971.7	985.1	999.3	971.7	1023.0	984.5
75°	860.7	846.6	823.5	800.4	808.8	817.7	824.8	832.5	814.5	794.0	747.8
77.5°	679.2	665.7	644.6	623.4	633.7	642.7	660.0	676.6	673.4	614.4	564.4
80°	492.6	487.4	472.0	456.7	464.4	471.4	492.6	513.1	516.3	432.9	381.0
82.5°	288.6	295.0	298.2	301.4	306.6	311.1	311.1	311.1	298.2	251.4	225.8
85°	121.2	123.1	133.4	142.4	150.1	157.1	156.5	155.2	147.5	121.9	105.2
87.5°	63.5	65.4	62.9	59.0	56.4	52.6	48.7	44.9	38.5	35.3	32.1
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: P1364907
CATALOG NUMBER: GSS-SB6A-740-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	4181.7	4181.7	4181.7	4181.7	4181.7	4181.7	4181.7
2.5°	4287.6	4325.4	4362.6	4399.8	4437.0	4477.4	4518.5
5°	4383.8	4457.5	4531.3	4606.3	4682.0	4753.8	4826.3
7.5°	4458.8	4561.4	4664.0	4778.8	4893.7	5015.5	5137.4
10°	4502.4	4629.4	4755.8	4898.8	5041.2	5187.4	5333.0
12.5°	4539.6	4681.4	4823.1	4982.8	5142.5	5287.5	5432.4
15°	4556.9	4710.2	4862.9	5025.1	5187.4	5333.6	5480.5
17.5°	4524.9	4698.7	4873.1	5046.3	5219.5	5356.1	5493.3
20°	4476.8	4681.4	4886.0	5072.0	5258.0	5396.5	5535.0
22.5°	4417.8	4667.9	4918.0	5122.0	5326.6	5452.9	5579.9
25°	4348.5	4666.6	4984.7	5207.9	5431.1	5540.8	5650.5
27.5°	4274.7	4678.8	5082.9	5333.6	5585.1	5669.1	5753.1
30°	4212.5	4705.1	5198.3	5482.4	5765.9	5831.3	5897.4
32.5°	4146.5	4734.6	5323.4	5657.5	5991.7	6032.7	6073.8
35°	4037.4	4727.5	5418.3	5843.5	6269.4	6320.7	6372.0
37.5°	3902.7	4707.7	5512.6	6070.6	6628.6	6689.5	6750.4
40°	3732.8	4662.8	5592.7	6330.3	7067.9	7188.5	7308.4
42.5°	3517.9	4585.2	5651.8	6617.7	7582.3	7836.9	8090.9
45°	3296.6	4531.9	5767.2	7007.6	8248.0	8655.3	9062.6
47.5°	3083.7	4469.7	5855.7	7408.5	8961.2	9476.9	9992.5
50°	2883.0	4363.9	5844.2	7758.0	9671.9	10371.0	11070.0
52.5°	2679.6	4147.1	5615.2	7923.5	10231.1	11342.0	12452.2
55°	2489.8	3859.8	5228.4	7879.9	10531.3	12317.5	14103.7
57.5°	2320.5	3559.0	4797.4	7641.9	10486.4	13136.5	15787.3
60°	2169.1	3178.6	4188.1	7071.7	9955.3	13503.4	17050.8
62.5°	1969.0	2696.3	3423.6	6137.3	8850.9	12689.5	16528.1
65°	*1734.9*	*2119.1*	*2502.6*	*4814.1*	*7125.6*	*10945.0*	*14764.3*
67.5°	1438.0	1620.1	1802.3	3746.2	5690.2	9399.9	13109.6
70°	1167.3	1231.4	1295.6	2870.8	4446.0	7985.7	11525.4
72.5°	946.0	946.7	947.9	2158.2	3368.5	6631.1	9893.1
75°	702.3	706.1	710.6	1599.6	2488.5	5294.5	8100.5
77.5°	514.4	511.8	508.0	1033.9	1559.8	3473.7	5387.5
80°	328.4	325.8	322.0	571.5	821.0	1991.5	3162.0
82.5°	200.1	199.5	198.8	307.2	415.6	998.0	1581.0
85°	88.5	84.0	80.2	97.5	115.4	237.3	359.2
87.5°	28.9	26.9	25.7	26.3	26.9	28.2	28.9
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: SP1-2407-184-1

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-740-U-5WQ

Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

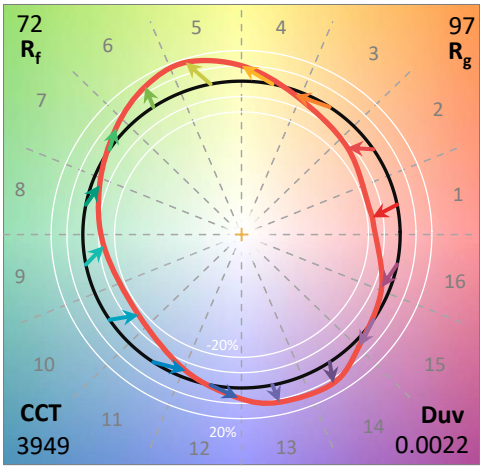
Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-1
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-740-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3949	CRI (Ra):	70.7		
CIE u':	0.2248	R1:	68.0	R9:	-36.7
CIE v':	0.5053	R2:	76.0	R10:	45.1
Duv:	0.0022	R3:	84.3	R11:	70.7
CIE x:	0.3844	R4:	72.0	R12:	47.1
CIE y:	0.3840	R5:	68.6	R13:	68.5
CIE z:	0.2316	R6:	68.3	R14:	91.1
Peak Wavelength (nm):	440	R7:	77.9	R15:	58.7
Dominant Wavelength (nm):	578	R8:	50.3		
Purity:	30.60026				
Rf:	71.8				
Rg:	96.5				



Test Conditions

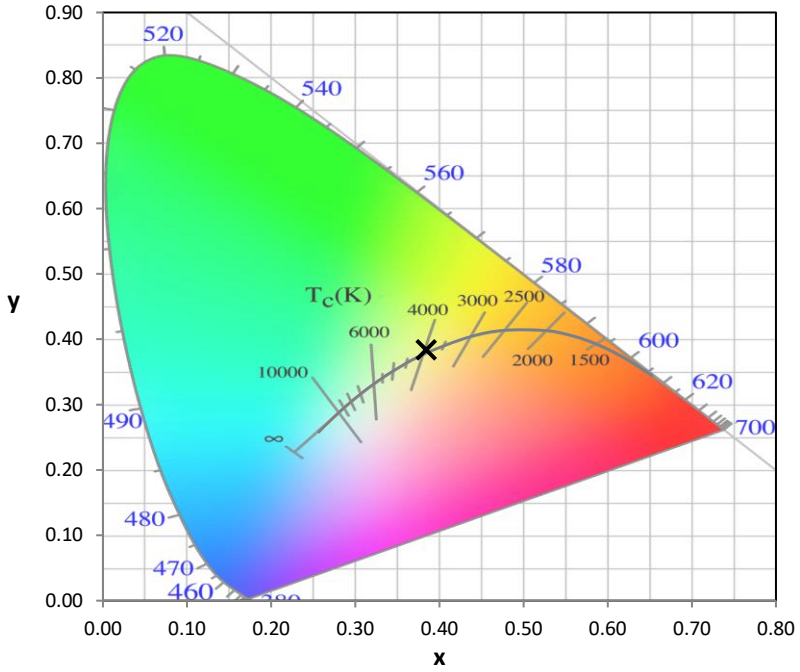
Stabilization Time:	34M
Operation Time:	1H 34M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-1

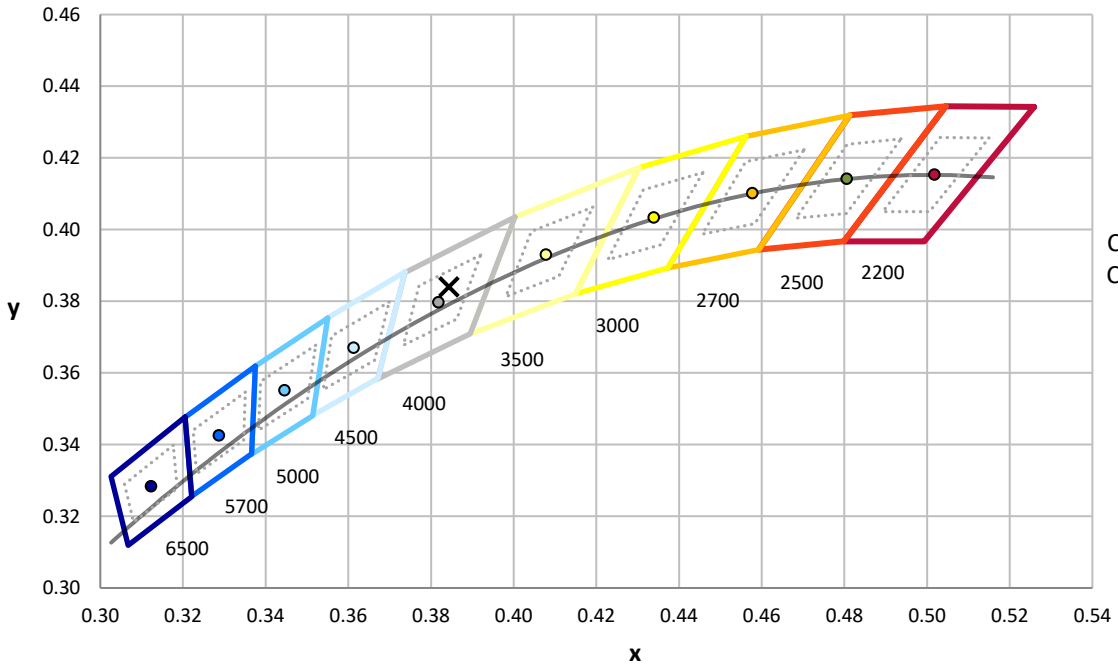
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-1

CIE 1931 Chromaticity Diagram



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

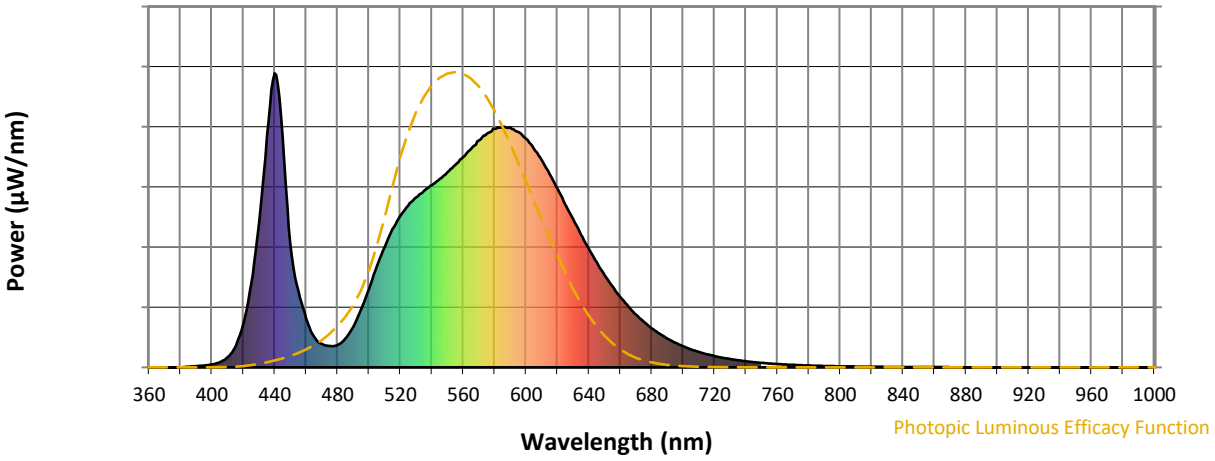


CCT = 3949K
CIE x = 0.3844
CIE y = 0.3840
Duv = 0.0022

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

Photopic Flux vs. Wavelength

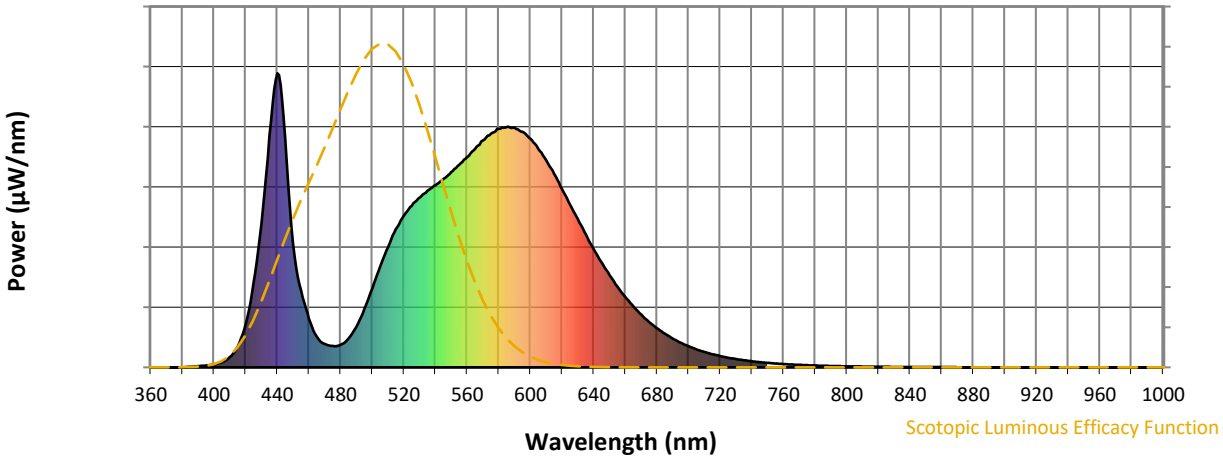


Photopic Lumens: NR

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-1

Scotopic Flux vs. Wavelength

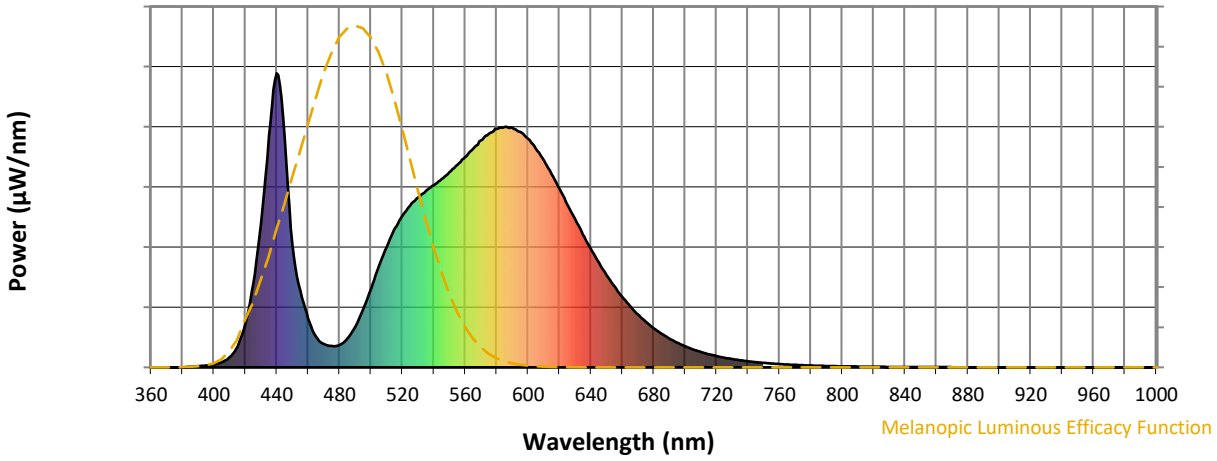


Scotopic Lumens: NR **S/P: 1.47**

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-1

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.78**

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

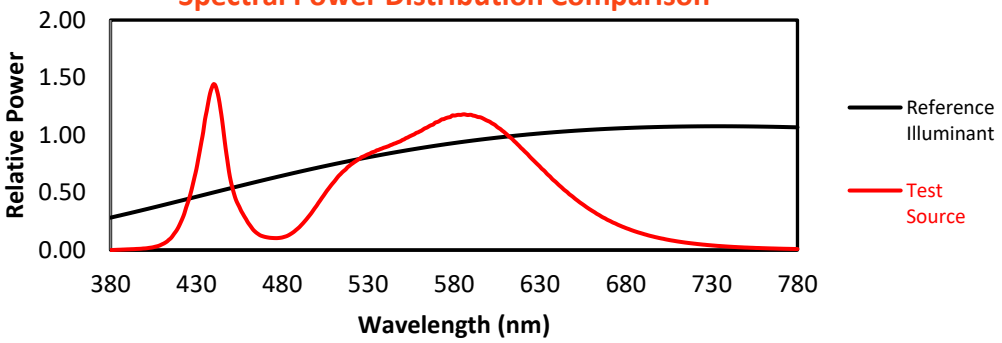
REPORT NUMBER: SP1-2407-184-1

TM-30-18

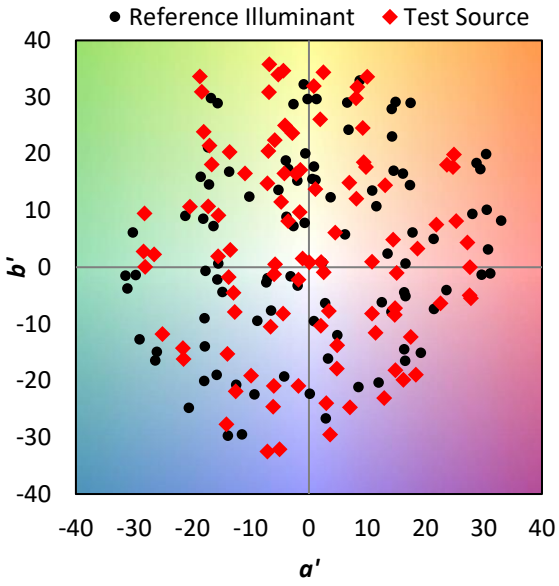
Summary

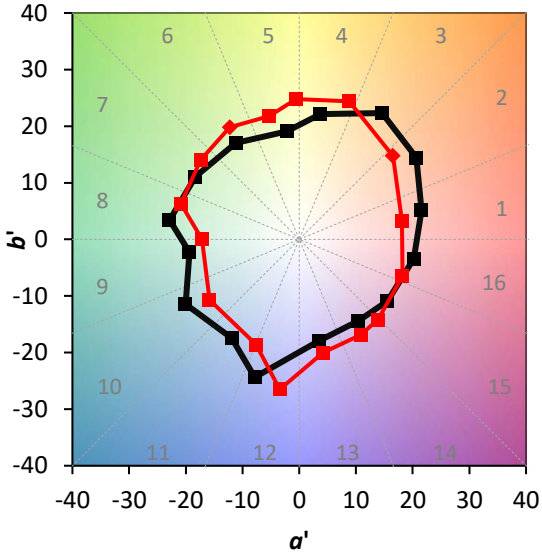
R_f = 71.8
R_g = 96.5
CIE R_a = 70.7
R_9 = -36.7

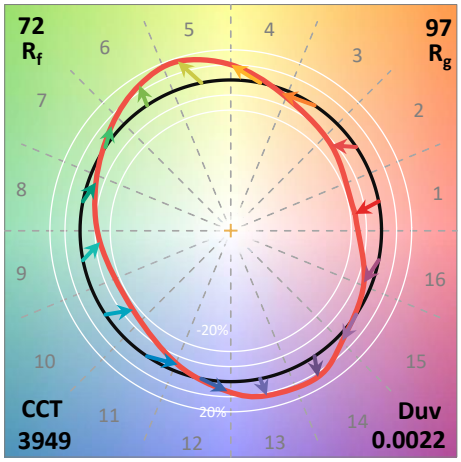
Spectral Power Distribution Comparison

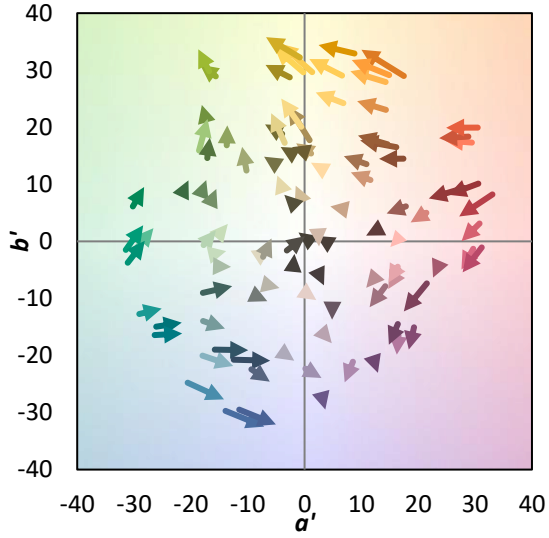


Color Vector Graphics







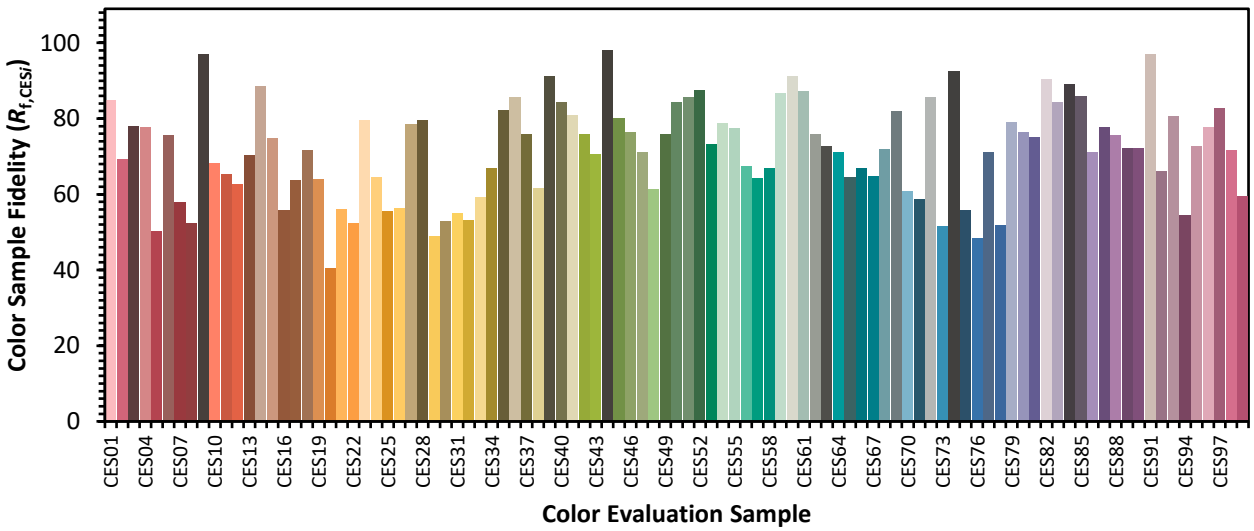


REPORT NUMBER: SP1-2407-184-1

TM-30-18

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

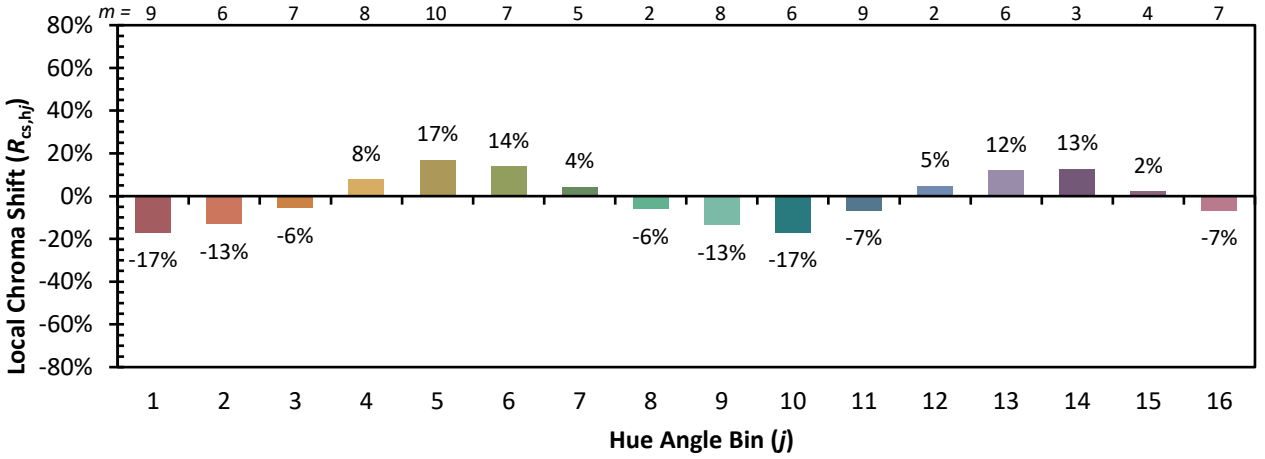
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 90
CES08 = 39	CES33 = 59	CES58 = 67	CES83 = 84
CES09 = 29	CES34 = 67	CES59 = 87	CES84 = 89
CES10 = 74	CES35 = 82	CES60 = 91	CES85 = 86
CES11 = 57	CES36 = 86	CES61 = 87	CES86 = 71
CES12 = 63	CES37 = 76	CES62 = 76	CES87 = 78
CES13 = 42	CES38 = 62	CES63 = 73	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 71	CES89 = 72
CES15 = 71	CES40 = 84	CES65 = 64	CES90 = 72
CES16 = 46	CES41 = 81	CES66 = 67	CES91 = 97
CES17 = 49	CES42 = 76	CES67 = 65	CES92 = 66
CES18 = 56	CES43 = 71	CES68 = 72	CES93 = 81
CES19 = 72	CES44 = 98	CES69 = 82	CES94 = 55
CES20 = 65	CES45 = 80	CES70 = 61	CES95 = 73
CES21 = 86	CES46 = 76	CES71 = 59	CES96 = 78
CES22 = 78	CES47 = 71	CES72 = 86	CES97 = 83
CES23 = 92	CES48 = 61	CES73 = 52	CES98 = 72
CES24 = 91	CES49 = 76	CES74 = 93	CES99 = 60
CES25 = 72	CES50 = 84	CES75 = 56	

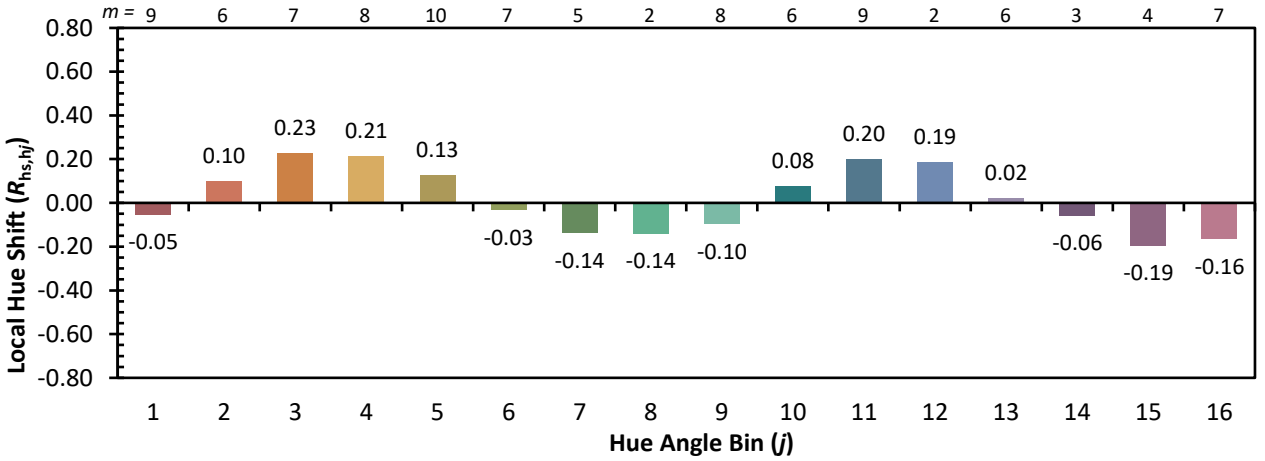


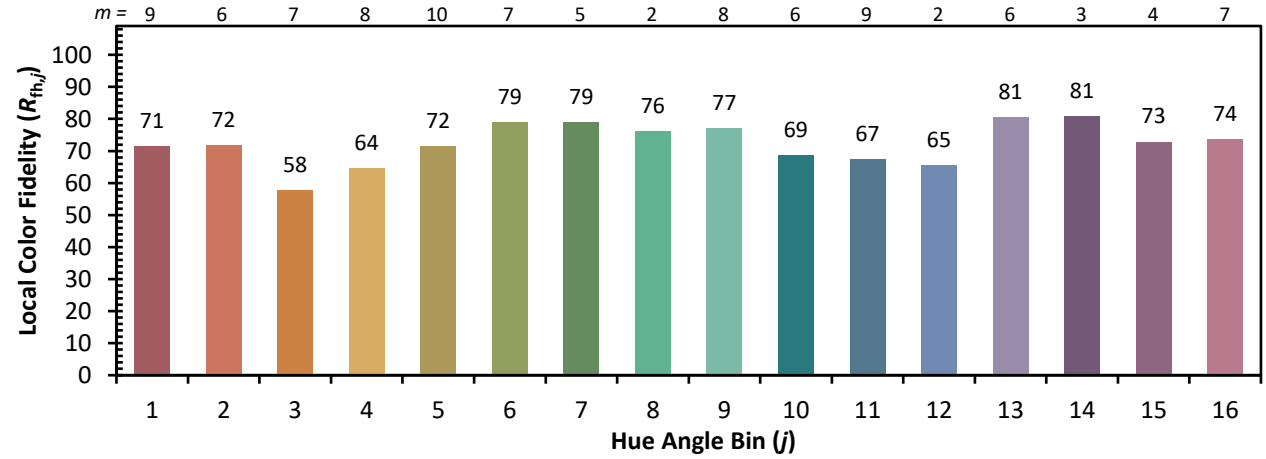
REPORT NUMBER: SP1-2407-184-1

TM-30-18

Color Rendition by Hue-Angle Bin



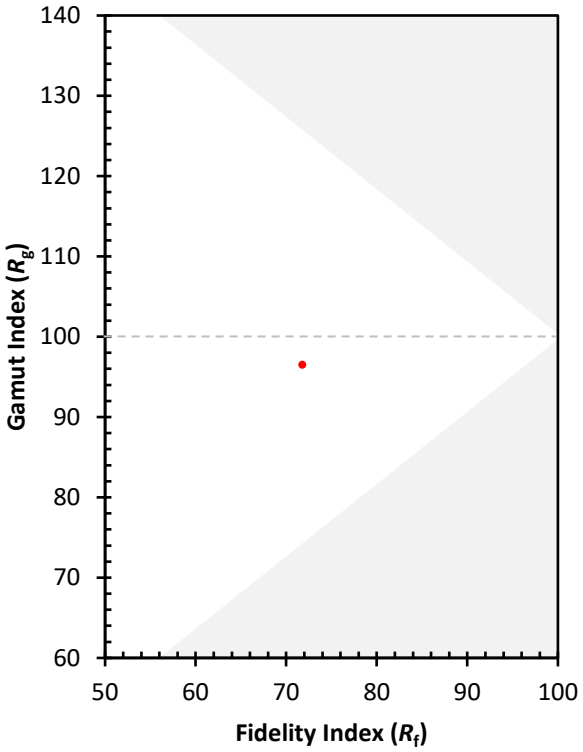


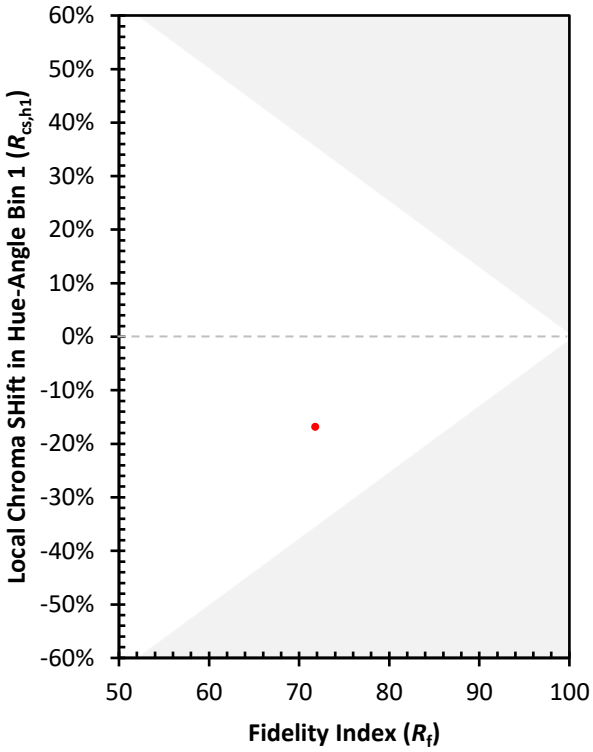


REPORT NUMBER: SP1-2407-184-1

TM-30-18

Measure Comparisons





(END OF REPORT)