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: P1364950

Luminaire Tested: **GSS-SB4D-727-U-SLL**

Issue Date: 02/18/2026

Report Generated By 670245763

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1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P1364950
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4D-727-U-SLL
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 238W 70CRI 2700K FIXTURE w/ 90° Spill Light Eliminator LEFT OPTIC
Light Source:	(104) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	28196.8 lumens
Efficiency:	N/A
Efficacy:	118.5 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - U0 - G4

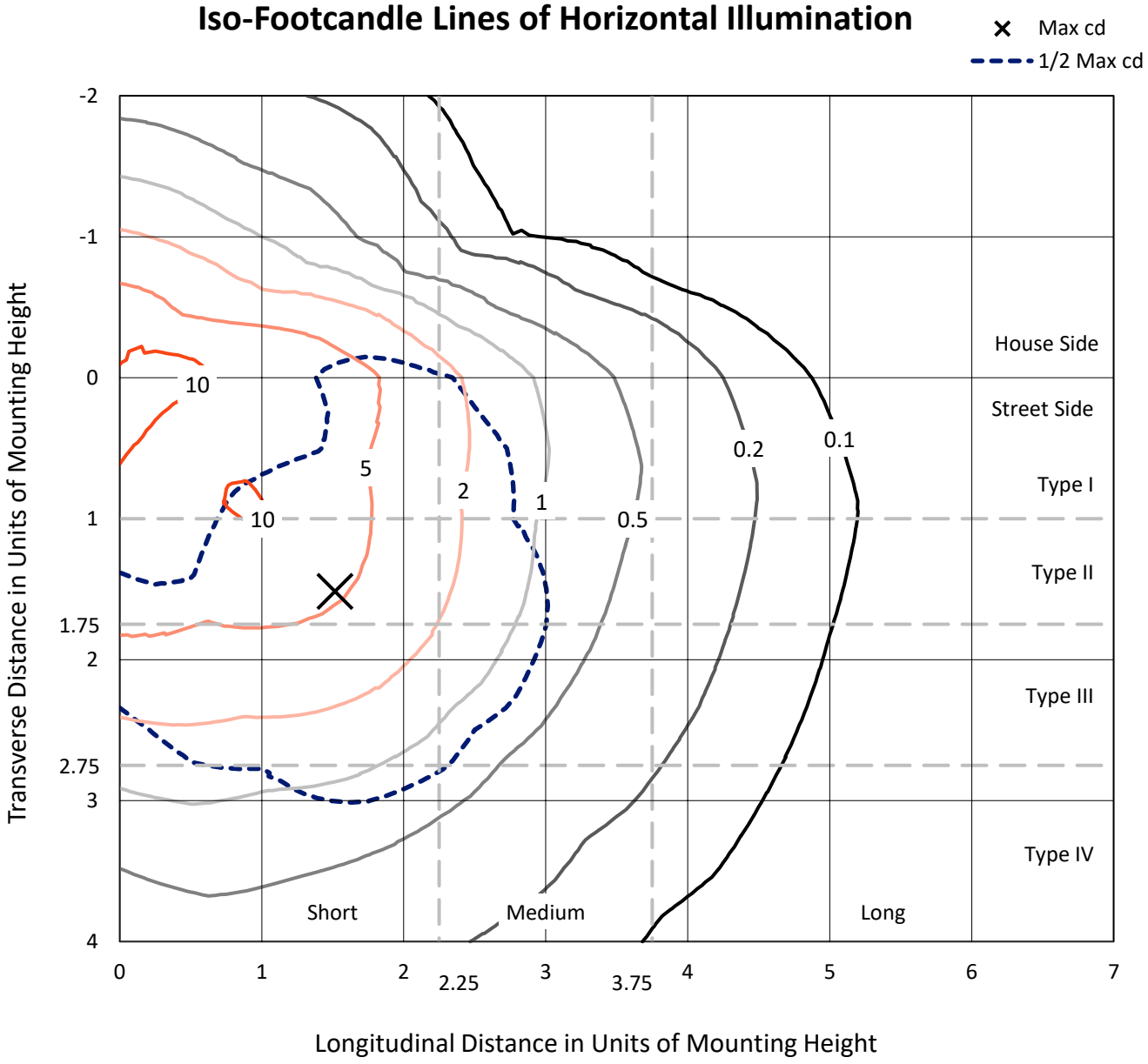
Input Watts (W):	238
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	--
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination



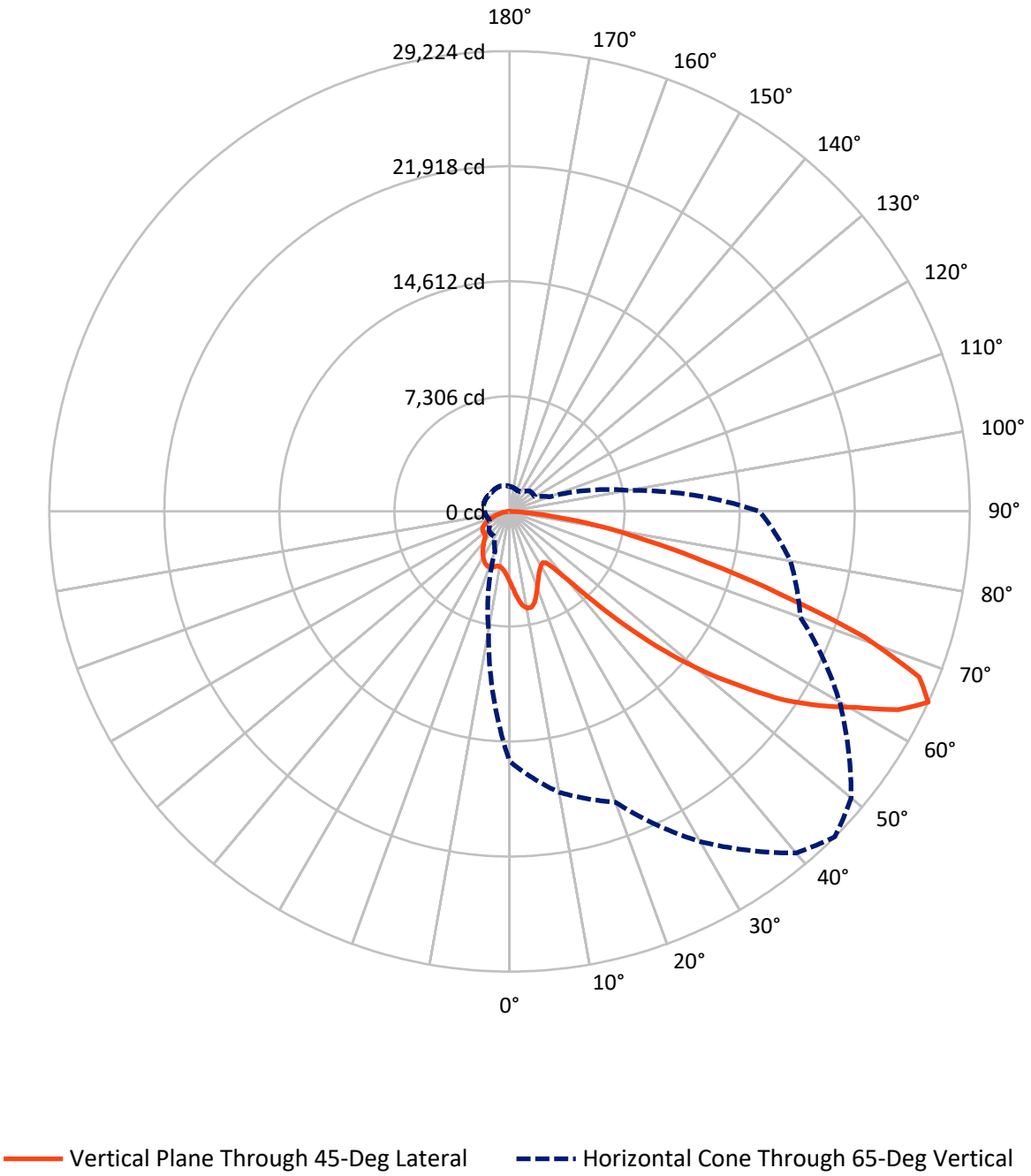
Based on 20 foot mounting height. Maximum calculated value = 14.9 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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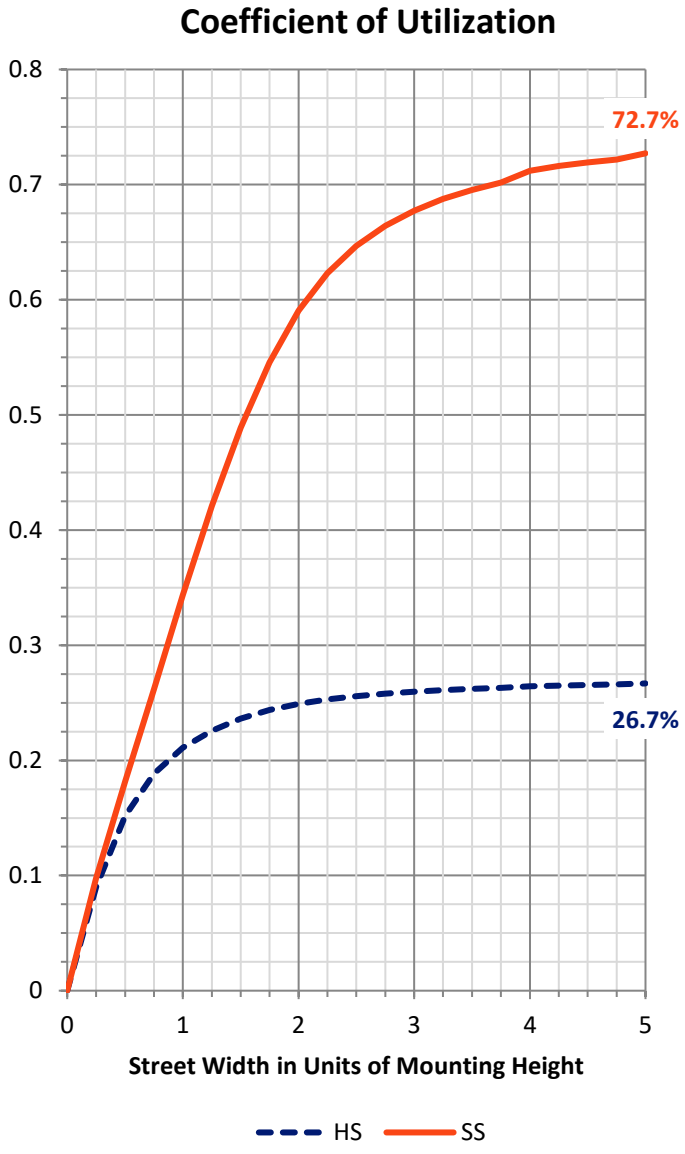
REPORT NUMBER: P1364950
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7585.6	0.0	7585.6
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	20611.3	0.0	20611.3
	% Fixture	73.1	0.0	73.1
Total	Lumens	28196.8	0.0	28196.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	444.0	1.6
10°-20°	1360.4	4.8
20°-30°	2105.5	7.5
30°-40°	2612.3	9.3
40°-50°	3820.0	13.5
50°-60°	5983.6	21.2
60°-70°	7099.9	25.2
70°-80°	4141.0	14.7
80°-90°	630.0	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°	28196.8	100.0
0°-180°	28196.8	100.0



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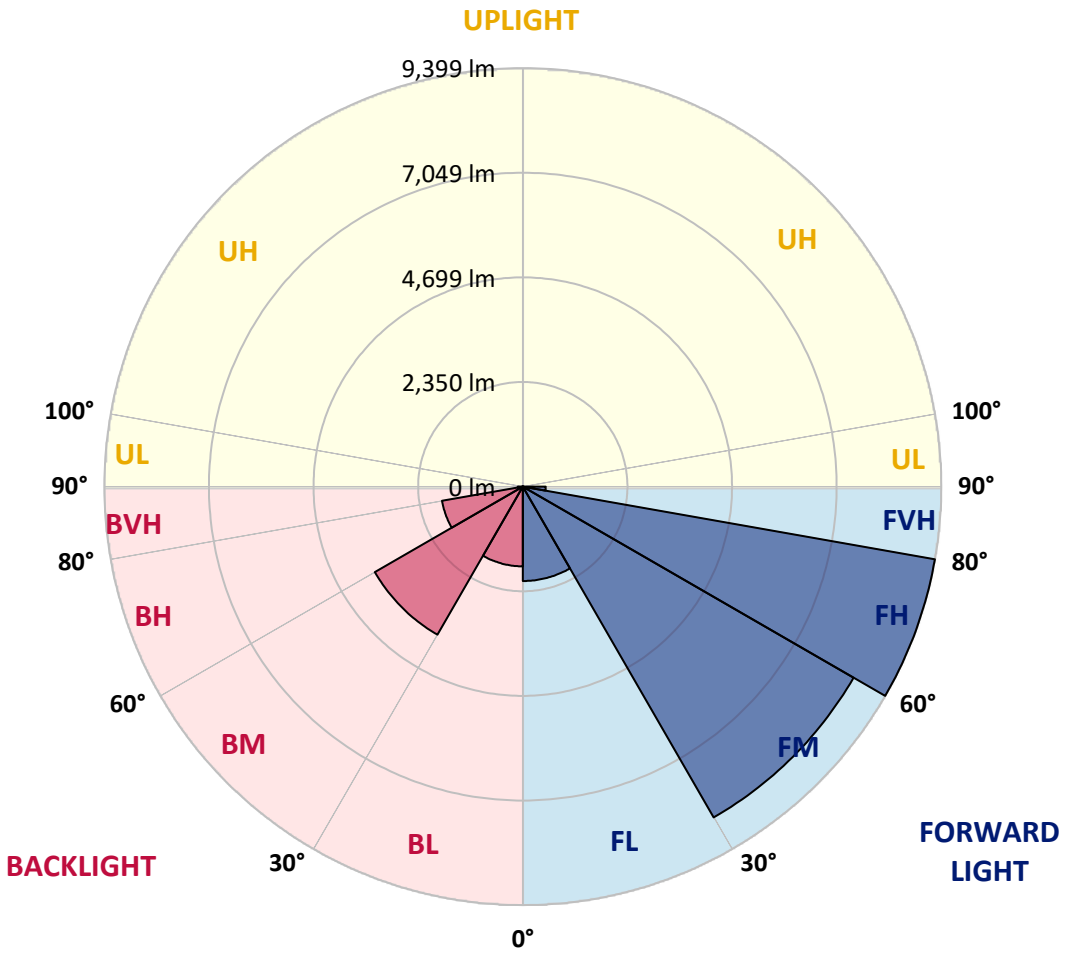
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2119.2	7.5			
FM	(30°-60°)	8578.0	30.4			
FH	(60°-80°)	9398.7	33.3			G4/12000
FVH	(80°-90°)	515.2	1.8			G4/750
BL	(0°-30°)	1790.7	6.4	B3/2500		
BM	(30°-60°)	3837.9	13.6	B3/5000		
BH	(60°-80°)	1842.2	6.5	B3/2500		G3/2500
BVH	(80°-90°)	114.7	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



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	4496.0	4496.0	4496.0	4496.0	4496.0	4496.0	4496.0	4496.0	4496.0	*4496.0*	4496.0
2.5°	4858.1	4875.3	4892.5	4911.2	4930.5	4941.5	4952.5	4964.3	4975.3	*4985.6*	4975.3
5°	5189.1	5267.0	5344.2	5396.6	5449.0	5489.0	5529.0	5551.8	5575.2	*5578.7*	5575.2
7.5°	5523.5	5615.9	5708.3	5788.3	5868.3	5919.3	5970.3	6000.0	6030.3	*6040.7*	6030.3
10°	5733.8	5842.1	5951.0	6028.3	6106.2	6153.8	6200.7	6224.1	6247.6	*6254.5*	6247.6
12.5°	5840.7	5944.8	6049.0	6109.0	6168.3	6198.6	6228.2	6239.3	6248.9	*6240.7*	6248.9
15°	5892.4	5953.8	6014.5	6040.0	6064.8	6050.3	6035.2	6013.8	5992.4	*5978.6*	5992.4
17.5°	5906.2	5927.6	5949.7	5903.5	5857.9	5775.2	5692.4	5630.4	5568.3	*5523.5*	5568.3
20°	5951.0	5916.6	5882.1	5759.3	5637.3	5482.1	5327.0	5222.8	5118.0	*5054.6*	5118.0
22.5°	5999.3	5902.1	5804.8	5598.7	5392.5	5180.1	4968.4	4848.4	4729.1	*4661.5*	4729.1
25°	6075.2	5908.3	5740.7	5462.1	5184.2	4934.6	4685.7	4555.3	4425.7	*4351.2*	4425.7
27.5°	6185.5	5930.4	5675.2	5330.4	4985.6	4715.3	4444.3	4320.2	4196.1	*4130.6*	4196.1
30°	6340.6	6002.1	5662.8	5250.4	4837.4	4554.6	4271.9	4150.6	4028.5	*3958.2*	4028.5
32.5°	6530.3	6102.7	5675.2	5213.2	4751.2	4462.9	4175.4	4058.8	3943.0	*3882.3*	3943.0
35°	6850.9	6309.6	5768.3	5255.9	4744.3	4476.7	4209.9	4124.4	4039.5	*4006.4*	4039.5
37.5°	7257.8	6625.4	5992.4	5464.9	4937.4	4755.3	4573.3	4573.3	4573.3	*4599.5*	4573.3
40°	7857.7	7147.5	6437.2	5937.9	5439.4	5428.3	5418.7	5534.5	5651.1	*5702.8*	5651.1
42.5°	8699.0	7948.1	7197.8	6795.1	6392.4	6633.7	6875.1	7210.2	7545.3	*7764.6*	7545.3
45°	9743.7	9012.8	8281.8	8000.5	7719.8	8257.0	8793.5	9385.8	9978.2	*10398.8*	9978.2
47.5°	10743.6	10128.5	9512.7	9352.0	9192.0	10085.0	10978.0	11846.2	12714.4	*13226.1*	12714.4
50°	11902.1	11349.0	10795.3	10764.3	10733.2	11922.8	13112.3	14232.8	15353.4	*15977.5*	15353.4
52.5°	13388.1	12780.6	12172.4	12197.2	12220.7	13633.6	15046.5	16401.6	17756.6	*18459.9*	17756.6
55°	15163.8	14401.8	13639.8	13635.7	13631.5	15254.8	16879.4	18544.1	20210.1	*21149.3*	20210.1
57.5°	16973.9	16260.2	15546.5	15376.9	15206.5	16904.3	18601.3	20439.7	22278.8	*23266.3*	22278.8
60°	18332.4	17939.3	17546.3	17274.6	17003.6	18746.8	20490.7	22389.8	24288.2	*25273.0*	24288.2
62.5°	17770.4	18473.0	19175.7	19155.7	19135.7	21017.6	22899.4	24874.4	26850.7	*27734.7*	26850.7
65°	*15874.0*	*16994.6*	*18115.2*	*18886.1*	*19656.4*	*21931.3*	*24205.5*	*26263.2*	*28320.9*	*29224.2*	*28320.9*
67.5°	14094.9	15082.4	16070.6	16701.5	17332.5	19895.6	22459.5	24794.4	27129.3	*28058.8*	27129.3
70°	12391.7	13485.3	14579.0	15030.0	15481.0	17658.7	19835.6	21683.0	23529.7	*23893.8*	23529.7
72.5°	10636.7	11937.2	13238.5	13429.5	13620.5	15205.1	16789.8	17773.8	18757.8	*17963.4*	18757.8
75°	8709.3	10176.8	11643.5	11771.1	11898.6	12392.4	12886.8	13137.1	13388.1	*12936.4*	13388.1
77.5°	5792.4	7062.6	8333.5	8619.7	8905.9	9234.8	9564.4	9547.2	9529.9	*8895.5*	9529.9
80°	3399.6	4393.3	5387.0	5424.2	5461.4	5708.3	5954.5	6206.2	6457.9	*6054.5*	6457.9
82.5°	1699.8	2245.3	2791.4	2875.5	2959.7	3110.7	3261.7	3332.0	3403.1	*3061.7*	3403.1
85°	386.2	528.2	670.3	807.5	944.7	1103.3	1261.9	1244.0	1226.1	*1034.4*	1226.1
87.5°	31.0	31.7	33.1	33.8	34.5	35.2	35.9	37.9	40.0	*41.4*	40.0
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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	4496.0	4496.0	4496.0	4496.0	4496.0	4496.0	4496.0	4496.0	4496.0	4496.0	4496.0
2.5°	4964.3	4952.5	4941.5	4930.5	4911.2	4892.5	4875.3	4858.1	4813.9	4770.5	4730.5
5°	5551.8	5529.0	5489.0	5449.0	5396.6	5344.2	5267.0	5189.1	5111.1	5033.9	4952.5
7.5°	6000.0	5970.3	5919.3	5868.3	5788.3	5708.3	5615.9	5523.5	5392.5	5261.5	5138.0
10°	6224.1	6200.7	6153.8	6106.2	6028.3	5951.0	5842.1	5733.8	5577.3	5420.1	5267.0
12.5°	6239.3	6228.2	6198.6	6168.3	6109.0	6049.0	5944.8	5840.7	5684.9	5529.0	5357.3
15°	6013.8	6035.2	6050.3	6064.8	6040.0	6014.5	5953.8	5892.4	5734.5	5577.3	5402.8
17.5°	5630.4	5692.4	5775.2	5857.9	5903.5	5949.7	5927.6	5906.2	5758.6	5611.8	5425.6
20°	5222.8	5327.0	5482.1	5637.3	5759.3	5882.1	5916.6	5951.0	5802.1	5653.1	5453.2
22.5°	4848.4	4968.4	5180.1	5392.5	5598.7	5804.8	5902.1	5999.3	5862.8	5726.9	5507.0
25°	4555.3	4685.7	4934.6	5184.2	5462.1	5740.7	5908.3	6075.2	5957.2	5839.3	5599.4
27.5°	4320.2	4444.3	4715.3	4985.6	5330.4	5675.2	5930.4	6185.5	6095.2	6004.8	5734.5
30°	4150.6	4271.9	4554.6	4837.4	5250.4	5662.8	6002.1	6340.6	6269.6	6199.3	5894.5
32.5°	4058.8	4175.4	4462.9	4751.2	5213.2	5675.2	6102.7	6530.3	6486.1	6442.0	6082.7
35°	4124.4	4209.9	4476.7	4744.3	5255.9	5768.3	6309.6	6850.9	6795.8	6740.6	6282.7
37.5°	4573.3	4573.3	4755.3	4937.4	5464.9	5992.4	6625.4	7257.8	7192.3	7126.8	6526.8
40°	5534.5	5418.7	5428.3	5439.4	5937.9	6437.2	7147.5	7857.7	7728.8	7599.1	6806.1
42.5°	7210.2	6875.1	6633.7	6392.4	6795.1	7197.8	7948.1	8699.0	8425.9	8152.2	7115.0
45°	9385.8	8793.5	8257.0	7719.8	8000.5	8281.8	9012.8	9743.7	9305.8	8867.9	7534.3
47.5°	11846.2	10978.0	10085.0	9192.0	9352.0	9512.7	10128.5	10743.6	10189.2	9634.8	7965.3
50°	14232.8	13112.3	11922.8	10733.2	10764.3	10795.3	11349.0	11902.1	11150.4	10398.8	8341.1
52.5°	16401.6	15046.5	13633.6	12220.7	12197.2	12172.4	12780.6	13388.1	12194.5	11000.1	8519.0
55°	18544.1	16879.4	15254.8	13631.5	13635.7	13639.8	14401.8	15163.8	13243.3	11322.8	8472.1
57.5°	20439.7	18601.3	16904.3	15206.5	15376.9	15546.5	16260.2	16973.9	14123.9	11274.6	8216.3
60°	22389.8	20490.7	18746.8	17003.6	17274.6	17546.3	17939.3	18332.4	14518.3	10703.6	7603.3
62.5°	24874.4	22899.4	21017.6	19135.7	19155.7	19175.7	18473.0	17770.4	13643.3	9516.1	6598.6
65°	*26263.2*	*24205.5*	*21931.3*	*19656.4*	*18886.1*	*18115.2*	*16994.6*	*15874.0*	*11767.6*	*7661.2*	*5176.0*
67.5°	24794.4	22459.5	19895.6	17332.5	16701.5	16070.6	15082.4	14094.9	10106.4	6117.9	4027.8
70°	21683.0	19835.6	17658.7	15481.0	15030.0	14579.0	13485.3	12391.7	8585.9	4780.1	3086.5
72.5°	17773.8	16789.8	15205.1	13620.5	13429.5	13238.5	11937.2	10636.7	7129.5	3621.7	2320.4
75°	13137.1	12886.8	12392.4	11898.6	11771.1	11643.5	10176.8	8709.3	5692.4	2675.6	1719.8
77.5°	9547.2	9564.4	9234.8	8905.9	8619.7	8333.5	7062.6	5792.4	3734.7	1677.0	1111.6
80°	6206.2	5954.5	5708.3	5461.4	5424.2	5387.0	4393.3	3399.6	2141.1	882.7	614.4
82.5°	3332.0	3261.7	3110.7	2959.7	2875.5	2791.4	2245.3	1699.8	1073.0	446.8	330.3
85°	1244.0	1261.9	1103.3	944.7	807.5	670.3	528.2	386.2	255.1	124.1	104.8
87.5°	37.9	35.9	35.2	34.5	33.8	33.1	31.7	31.0	30.3	29.0	28.3
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):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	4496.0	4496.0	4496.0	4496.0	4496.0	4496.0	4496.0	4496.0	4496.0	4496.0	4496.0
2.5°	4690.5	4650.5	4609.8	4571.2	4531.9	4492.6	4458.1	4420.9	4384.3	4355.4	4327.1
5°	4871.9	4792.6	4713.3	4638.1	4563.6	4485.7	4418.8	4352.6	4287.8	4234.0	4180.2
7.5°	5014.6	4904.3	4793.9	4695.3	4596.0	4492.6	4411.9	4331.2	4251.2	4181.6	4111.3
10°	5113.2	4977.4	4840.8	4727.0	4613.3	4502.9	4416.7	4331.9	4247.8	4176.1	4104.4
12.5°	5185.6	5033.2	4880.8	4755.3	4630.5	4509.8	4425.7	4355.4	4285.7	4235.4	4185.7
15°	5228.4	5064.2	4899.4	4758.1	4616.7	4482.2	4407.8	4362.3	4316.7	4312.6	4308.5
17.5°	5239.4	5051.8	4865.0	4700.1	4536.0	4378.8	4315.4	4309.2	4303.0	4371.2	4439.5
20°	5253.2	5033.2	4813.2	4596.7	4380.2	4171.9	4131.9	4171.2	4209.9	4343.6	4476.7
22.5°	5287.7	5018.7	4749.8	4478.1	4206.4	3958.2	3920.2	3978.2	4035.4	4209.9	4384.3
25°	5359.4	5017.4	4675.3	4336.7	3998.2	3713.4	3709.9	3772.7	3835.4	3996.8	4158.1
27.5°	5464.9	5030.5	4596.0	4191.9	3787.2	3496.1	3513.4	3573.4	3634.1	3754.1	3874.0
30°	5589.0	5058.7	4529.1	4065.7	3603.0	3320.3	3338.9	3385.8	3432.7	3519.6	3606.5
32.5°	5723.5	5090.4	4458.1	3955.4	3453.4	3192.7	3192.7	3212.7	3232.7	3289.3	3345.8
35°	5825.5	5082.9	4340.9	3829.9	3318.2	3116.9	3074.1	3057.6	3041.0	3078.3	3115.5
37.5°	5926.9	5061.5	4196.1	3690.6	3185.8	3027.2	2945.9	2901.7	2856.2	2874.2	2890.7
40°	6013.1	5013.2	4013.3	3524.4	3035.5	2910.0	2808.0	2741.8	2675.6	2674.2	2672.1
42.5°	6076.5	4929.8	3782.3	3326.5	2870.0	2782.4	2656.2	2572.1	2488.0	2479.0	2470.1
45°	6200.7	4872.5	3544.4	3125.2	2706.6	2627.3	2501.8	2414.9	2329.4	2315.6	2301.8
47.5°	6295.8	4805.7	3315.5	2925.2	2536.3	2444.5	2327.3	2253.5	2179.1	2170.8	2161.8
50°	6283.4	4691.9	3099.6	2747.3	2394.2	2268.7	2152.9	2092.2	2030.8	2041.1	2051.5
52.5°	6037.2	4458.8	2881.0	2587.3	2294.9	2134.2	2010.1	1964.6	1918.4	1950.8	1982.5
55°	5621.4	4149.9	2676.9	2453.5	2228.7	2068.7	1922.5	1871.5	1820.5	1866.0	1911.5
57.5°	5158.0	3826.5	2494.9	2340.4	2186.0	2051.5	1872.2	1800.5	1729.5	1775.0	1820.5
60°	4502.9	3417.5	2332.1	2223.9	2115.6	2010.1	1830.8	1741.2	1651.5	1681.9	1711.5
62.5°	3681.0	2899.0	2117.0	2056.3	1996.3	1951.5	1780.5	1663.3	1546.0	1550.2	1552.9
65°	*2690.7*	*2278.4*	*1865.3*	*1852.2*	*1839.8*	*1827.4*	*1686.0*	*1559.8*	*1434.3*	*1420.5*	*1406.7*
67.5°	1937.7	1741.9	1546.0	1582.6	1619.1	1637.7	1541.2	1430.2	1318.5	1290.2	1261.9
70°	1392.9	1324.0	1255.0	1309.5	1364.0	1358.5	1311.6	1245.4	1179.2	1161.2	1143.3
72.5°	1019.2	1017.8	1017.1	1058.5	1099.9	1044.7	1074.4	1059.2	1044.7	1031.6	1019.2
75°	764.0	759.2	755.1	804.0	853.7	875.8	895.1	886.8	879.2	869.6	860.6
77.5°	546.1	550.3	553.0	606.8	660.6	724.1	727.5	709.6	691.0	681.3	670.3
80°	346.2	350.3	353.1	409.6	465.5	555.1	551.7	529.6	506.8	499.3	491.0
82.5°	213.8	214.5	215.1	242.7	270.3	320.7	334.4	334.4	334.4	329.6	324.1
85°	86.2	90.3	95.2	113.1	131.0	158.6	166.9	168.3	168.9	161.4	153.1
87.5°	27.6	29.0	31.0	34.5	37.9	41.4	48.3	52.4	56.5	60.7	63.4
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: P1364950
CATALOG NUMBER: GSS-SB4D-727-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	4496.0	4496.0	4496.0	4496.0	4496.0	4496.0	4496.0	4496.0	4496.0	4496.0	4496.0
2.5°	4302.3	4276.7	4247.1	4216.8	4195.4	4173.3	4158.8	4144.4	4137.5	4130.6	4125.0
5°	4136.1	4090.6	4050.6	4009.9	3978.2	3945.8	3919.5	3892.7	3881.6	3869.9	3862.3
7.5°	4051.9	3992.6	3943.0	3892.7	3845.1	3798.2	3767.8	3737.5	3719.6	3701.6	3688.5
10°	4041.6	3978.9	3913.3	3847.8	3795.4	3743.0	3697.5	3653.4	3627.9	3603.0	3589.2
12.5°	4127.8	4069.9	3992.0	3913.3	3842.3	3772.0	3716.1	3660.3	3628.5	3598.2	3577.5
15°	4288.5	4268.5	4196.1	4123.7	4025.7	3927.1	3847.1	3766.5	3722.3	3676.8	3651.3
17.5°	4478.8	4518.1	4467.8	4416.7	4278.8	4140.9	4021.6	3903.0	3838.2	3773.4	3750.6
20°	4582.9	4689.1	4683.6	4678.8	4498.8	4318.1	4161.6	4005.1	3918.2	3832.7	3798.2
22.5°	4537.4	4690.5	4729.8	4768.4	4591.9	4414.7	4221.6	4028.5	3926.4	3823.7	3791.3
25°	4323.0	4487.8	4560.9	4633.9	4488.4	4342.9	4155.4	3968.5	3860.9	3752.7	3719.6
27.5°	4006.4	4138.8	4220.9	4303.0	4214.0	4125.0	3973.3	3821.6	3726.5	3630.6	3595.4
30°	3696.1	3785.8	3851.3	3916.8	3858.2	3799.6	3690.6	3582.3	3511.3	3441.0	3418.9
32.5°	3412.7	3478.9	3515.5	3551.3	3505.8	3460.3	3388.6	3316.9	3272.7	3228.6	3214.1
35°	3169.3	3223.8	3251.3	3278.9	3241.0	3203.1	3138.9	3075.5	3043.8	3012.1	3000.3
37.5°	2936.9	2982.4	3021.7	3061.7	3034.1	3006.6	2952.1	2897.6	2860.4	2821.7	2801.1
40°	2716.2	2759.7	2809.3	2858.3	2853.5	2847.9	2796.2	2744.5	2690.7	2637.6	2609.4
42.5°	2513.5	2556.9	2609.4	2661.8	2672.1	2682.4	2639.7	2596.3	2534.2	2472.1	2428.7
45°	2339.0	2377.7	2434.9	2492.8	2517.0	2541.1	2502.5	2463.2	2393.5	2323.9	2272.2
47.5°	2201.1	2241.1	2304.6	2368.7	2394.2	2420.4	2394.2	2368.7	2308.7	2248.0	2202.5
50°	2094.9	2137.7	2187.3	2237.7	2285.3	2332.1	2327.3	2322.5	2274.9	2227.3	2184.6
52.5°	2021.8	2061.8	2113.5	2165.3	2214.9	2265.3	2272.8	2281.1	2246.6	2212.2	2174.9
55°	1959.1	2006.7	2054.9	2103.2	2150.1	2196.3	2206.6	2217.0	2192.2	2166.6	2139.1
57.5°	1872.2	1923.9	1972.2	2020.5	2074.9	2129.4	2137.7	2146.0	2119.8	2092.9	2072.2
60°	1764.6	1817.0	1867.4	1917.0	1972.2	2027.4	2038.4	2049.4	2028.7	2008.0	1988.7
62.5°	1612.9	1672.2	1713.6	1755.0	1807.4	1860.5	1876.3	1892.9	1883.2	1874.3	1852.2
65°	*1463.3*	*1520.5*	*1552.9*	*1586.0*	*1631.5*	*1677.0*	*1692.9*	*1708.8*	*1703.9*	*1699.8*	*1683.9*
67.5°	1314.3	1366.7	1393.6	1420.5	1451.6	1482.6	1500.5	1518.4	1509.5	1499.8	1483.3
70°	1186.1	1228.8	1252.3	1275.7	1300.5	1325.4	1335.0	1344.7	1330.9	1317.1	1279.9
72.5°	1051.6	1084.0	1104.0	1124.0	1147.5	1170.9	1176.4	1182.6	1161.2	1139.2	1095.7
75°	885.4	910.2	925.4	941.3	965.4	989.5	999.9	1010.2	979.9	950.2	904.0
77.5°	693.0	715.8	730.3	744.7	764.7	784.7	787.5	791.6	765.4	739.2	711.6
80°	507.5	524.1	529.6	534.4	551.0	566.8	566.8	566.8	547.5	527.5	513.7
82.5°	320.7	317.2	310.3	303.4	320.0	336.5	342.0	348.2	339.3	331.0	315.8
85°	143.4	132.4	130.3	127.6	126.9	125.5	130.3	134.5	132.4	131.0	125.5
87.5°	67.6	70.3	68.3	65.5	62.8	60.7	55.2	49.6	45.5	41.4	38.6
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
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Peachtree City, GA 30269

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CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	4496.0	4496.0	4496.0	4496.0	4496.0	4496.0	4496.0	4496.0	4496.0	4496.0	4496.0
2.5°	4120.2	4116.8	4120.2	4125.0	4130.6	4137.5	4144.4	4158.8	4173.3	4195.4	4216.8
5°	3854.7	3847.8	3854.7	3862.3	3869.9	3881.6	3892.7	3919.5	3945.8	3978.2	4009.9
7.5°	3675.4	3668.5	3675.4	3688.5	3701.6	3719.6	3737.5	3767.8	3798.2	3845.1	3892.7
10°	3575.5	3565.1	3575.5	3589.2	3603.0	3627.9	3653.4	3697.5	3743.0	3795.4	3847.8
12.5°	3556.8	3544.4	3556.8	3577.5	3598.2	3628.5	3660.3	3716.1	3772.0	3842.3	3913.3
15°	3625.8	3606.5	3625.8	3651.3	3676.8	3722.3	3766.5	3847.1	3927.1	4025.7	4123.7
17.5°	3727.2	3716.8	3727.2	3750.6	3773.4	3838.2	3903.0	4021.6	4140.9	4278.8	4416.7
20°	3763.7	3751.3	3763.7	3798.2	3832.7	3918.2	4005.1	4161.6	4318.1	4498.8	4678.8
22.5°	3758.2	3744.4	3758.2	3791.3	3823.7	3926.4	4028.5	4221.6	4414.7	4591.9	4768.4
25°	3685.8	3675.4	3685.8	3719.6	3752.7	3860.9	3968.5	4155.4	4342.9	4488.4	4633.9
27.5°	3559.6	3537.5	3559.6	3595.4	3630.6	3726.5	3821.6	3973.3	4125.0	4214.0	4303.0
30°	3396.2	3385.8	3396.2	3418.9	3441.0	3511.3	3582.3	3690.6	3799.6	3858.2	3916.8
32.5°	3199.6	3192.7	3199.6	3214.1	3228.6	3272.7	3316.9	3388.6	3460.3	3505.8	3551.3
35°	2989.3	2979.0	2989.3	3000.3	3012.1	3043.8	3075.5	3138.9	3203.1	3241.0	3278.9
37.5°	2780.4	2765.2	2780.4	2801.1	2821.7	2860.4	2897.6	2952.1	3006.6	3034.1	3061.7
40°	2580.4	2565.2	2580.4	2609.4	2637.6	2690.7	2744.5	2796.2	2847.9	2853.5	2858.3
42.5°	2385.9	2358.3	2385.9	2428.7	2472.1	2534.2	2596.3	2639.7	2682.4	2672.1	2661.8
45°	2220.4	2186.0	2220.4	2272.2	2323.9	2393.5	2463.2	2502.5	2541.1	2517.0	2492.8
47.5°	2157.0	2123.9	2157.0	2202.5	2248.0	2308.7	2368.7	2394.2	2420.4	2394.2	2368.7
50°	2141.1	2110.1	2141.1	2184.6	2227.3	2274.9	2322.5	2327.3	2332.1	2285.3	2237.7
52.5°	2137.7	2110.1	2137.7	2174.9	2212.2	2246.6	2281.1	2272.8	2265.3	2214.9	2165.3
55°	2111.5	2089.4	2111.5	2139.1	2166.6	2192.2	2217.0	2206.6	2196.3	2150.1	2103.2
57.5°	2051.5	2041.1	2051.5	2072.2	2092.9	2119.8	2146.0	2137.7	2129.4	2074.9	2020.5
60°	1968.7	1951.5	1968.7	1988.7	2008.0	2028.7	2049.4	2038.4	2027.4	1972.2	1917.0
62.5°	1830.8	1806.7	1830.8	1852.2	1874.3	1883.2	1892.9	1876.3	1860.5	1807.4	1755.0
65°	*1668.8*	*1641.2*	*1668.8*	*1683.9*	*1699.8*	*1703.9*	*1708.8*	*1692.9*	*1677.0*	*1631.5*	*1586.0*
67.5°	1467.4	1461.9	1467.4	1483.3	1499.8	1509.5	1518.4	1500.5	1482.6	1451.6	1420.5
70°	1242.6	1199.9	1242.6	1279.9	1317.1	1330.9	1344.7	1335.0	1325.4	1300.5	1275.7
72.5°	1051.6	1006.8	1051.6	1095.7	1139.2	1161.2	1182.6	1176.4	1170.9	1147.5	1124.0
75°	858.5	827.5	858.5	904.0	950.2	979.9	1010.2	999.9	989.5	965.4	941.3
77.5°	684.1	668.9	684.1	711.6	739.2	765.4	791.6	787.5	784.7	764.7	744.7
80°	499.9	489.6	499.9	513.7	527.5	547.5	566.8	566.8	566.8	551.0	534.4
82.5°	300.0	289.6	300.0	315.8	331.0	339.3	348.2	342.0	336.5	320.0	303.4
85°	120.7	117.2	120.7	125.5	131.0	132.4	134.5	130.3	125.5	126.9	127.6
87.5°	35.9	34.5	35.9	38.6	41.4	45.5	49.6	55.2	60.7	62.8	65.5
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
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Peachtree City, GA 30269

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REPORT NUMBER: P1364950
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CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	4496.0	4496.0	4496.0	4496.0	4496.0	4496.0	4496.0	4496.0	4496.0	4496.0	4496.0
2.5°	4247.1	4276.7	4302.3	4327.1	4355.4	4384.3	4420.9	4458.1	4492.6	4531.9	4571.2
5°	4050.6	4090.6	4136.1	4180.2	4234.0	4287.8	4352.6	4418.8	4485.7	4563.6	4638.1
7.5°	3943.0	3992.6	4051.9	4111.3	4181.6	4251.2	4331.2	4411.9	4492.6	4596.0	4695.3
10°	3913.3	3978.9	4041.6	4104.4	4176.1	4247.8	4331.9	4416.7	4502.9	4613.3	4727.0
12.5°	3992.0	4069.9	4127.8	4185.7	4235.4	4285.7	4355.4	4425.7	4509.8	4630.5	4755.3
15°	4196.1	4268.5	4288.5	4308.5	4312.6	4316.7	4362.3	4407.8	4482.2	4616.7	4758.1
17.5°	4467.8	4518.1	4478.8	4439.5	4371.2	4303.0	4309.2	4315.4	4378.8	4536.0	4700.1
20°	4683.6	4689.1	4582.9	4476.7	4343.6	4209.9	4171.2	4131.9	4171.9	4380.2	4596.7
22.5°	4729.8	4690.5	4537.4	4384.3	4209.9	4035.4	3978.2	3920.2	3958.2	4206.4	4478.1
25°	4560.9	4487.8	4323.0	4158.1	3996.8	3835.4	3772.7	3709.9	3713.4	3998.2	4336.7
27.5°	4220.9	4138.8	4006.4	3874.0	3754.1	3634.1	3573.4	3513.4	3496.1	3787.2	4191.9
30°	3851.3	3785.8	3696.1	3606.5	3519.6	3432.7	3385.8	3338.9	3320.3	3603.0	4065.7
32.5°	3515.5	3478.9	3412.7	3345.8	3289.3	3232.7	3212.7	3192.7	3192.7	3453.4	3955.4
35°	3251.3	3223.8	3169.3	3115.5	3078.3	3041.0	3057.6	3074.1	3116.9	3318.2	3829.9
37.5°	3021.7	2982.4	2936.9	2890.7	2874.2	2856.2	2901.7	2945.9	3027.2	3185.8	3690.6
40°	2809.3	2759.7	2716.2	2672.1	2674.2	2675.6	2741.8	2808.0	2910.0	3035.5	3524.4
42.5°	2609.4	2556.9	2513.5	2470.1	2479.0	2488.0	2572.1	2656.2	2782.4	2870.0	3326.5
45°	2434.9	2377.7	2339.0	2301.8	2315.6	2329.4	2414.9	2501.8	2627.3	2706.6	3125.2
47.5°	2304.6	2241.1	2201.1	2161.8	2170.8	2179.1	2253.5	2327.3	2444.5	2536.3	2925.2
50°	2187.3	2137.7	2094.9	2051.5	2041.1	2030.8	2092.2	2152.9	2268.7	2394.2	2747.3
52.5°	2113.5	2061.8	2021.8	1982.5	1950.8	1918.4	1964.6	2010.1	2134.2	2294.9	2587.3
55°	2054.9	2006.7	1959.1	1911.5	1866.0	1820.5	1871.5	1922.5	2068.7	2228.7	2453.5
57.5°	1972.2	1923.9	1872.2	1820.5	1775.0	1729.5	1800.5	1872.2	2051.5	2186.0	2340.4
60°	1867.4	1817.0	1764.6	1711.5	1681.9	1651.5	1741.2	1830.8	2010.1	2115.6	2223.9
62.5°	1713.6	1672.2	1612.9	1552.9	1550.2	1546.0	1663.3	1780.5	1951.5	1996.3	2056.3
65°	*1552.9*	*1520.5*	*1463.3*	*1406.7*	*1420.5*	*1434.3*	*1559.8*	*1686.0*	*1827.4*	*1839.8*	*1852.2*
67.5°	1393.6	1366.7	1314.3	1261.9	1290.2	1318.5	1430.2	1541.2	1637.7	1619.1	1582.6
70°	1252.3	1228.8	1186.1	1143.3	1161.2	1179.2	1245.4	1311.6	1358.5	1364.0	1309.5
72.5°	1104.0	1084.0	1051.6	1019.2	1031.6	1044.7	1059.2	1074.4	1044.7	1099.9	1058.5
75°	925.4	910.2	885.4	860.6	869.6	879.2	886.8	895.1	875.8	853.7	804.0
77.5°	730.3	715.8	693.0	670.3	681.3	691.0	709.6	727.5	724.1	660.6	606.8
80°	529.6	524.1	507.5	491.0	499.3	506.8	529.6	551.7	555.1	465.5	409.6
82.5°	310.3	317.2	320.7	324.1	329.6	334.4	334.4	334.4	320.7	270.3	242.7
85°	130.3	132.4	143.4	153.1	161.4	168.9	168.3	166.9	158.6	131.0	113.1
87.5°	68.3	70.3	67.6	63.4	60.7	56.5	52.4	48.3	41.4	37.9	34.5
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
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Scaled Data Report

REPORT NUMBER: P1364950
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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	4496.0	4496.0	4496.0	4496.0	4496.0	4496.0	4496.0
2.5°	4609.8	4650.5	4690.5	4730.5	4770.5	4813.9	4858.1
5°	4713.3	4792.6	4871.9	4952.5	5033.9	5111.1	5189.1
7.5°	4793.9	4904.3	5014.6	5138.0	5261.5	5392.5	5523.5
10°	4840.8	4977.4	5113.2	5267.0	5420.1	5577.3	5733.8
12.5°	4880.8	5033.2	5185.6	5357.3	5529.0	5684.9	5840.7
15°	4899.4	5064.2	5228.4	5402.8	5577.3	5734.5	5892.4
17.5°	4865.0	5051.8	5239.4	5425.6	5611.8	5758.6	5906.2
20°	4813.2	5033.2	5253.2	5453.2	5653.1	5802.1	5951.0
22.5°	4749.8	5018.7	5287.7	5507.0	5726.9	5862.8	5999.3
25°	4675.3	5017.4	5359.4	5599.4	5839.3	5957.2	6075.2
27.5°	4596.0	5030.5	5464.9	5734.5	6004.8	6095.2	6185.5
30°	4529.1	5058.7	5589.0	5894.5	6199.3	6269.6	6340.6
32.5°	4458.1	5090.4	5723.5	6082.7	6442.0	6486.1	6530.3
35°	4340.9	5082.9	5825.5	6282.7	6740.6	6795.8	6850.9
37.5°	4196.1	5061.5	5926.9	6526.8	7126.8	7192.3	7257.8
40°	4013.3	5013.2	6013.1	6806.1	7599.1	7728.8	7857.7
42.5°	3782.3	4929.8	6076.5	7115.0	8152.2	8425.9	8699.0
45°	3544.4	4872.5	6200.7	7534.3	8867.9	9305.8	9743.7
47.5°	3315.5	4805.7	6295.8	7965.3	9634.8	10189.2	10743.6
50°	3099.6	4691.9	6283.4	8341.1	10398.8	11150.4	11902.1
52.5°	2881.0	4458.8	6037.2	8519.0	11000.1	12194.5	13388.1
55°	2676.9	4149.9	5621.4	8472.1	11322.8	13243.3	15163.8
57.5°	2494.9	3826.5	5158.0	8216.3	11274.6	14123.9	16973.9
60°	2332.1	3417.5	4502.9	7603.3	10703.6	14518.3	18332.4
62.5°	2117.0	2899.0	3681.0	6598.6	9516.1	13643.3	17770.4
65°	*1865.3*	*2278.4*	*2690.7*	*5176.0*	*7661.2*	*11767.6*	*15874.0*
67.5°	1546.0	1741.9	1937.7	4027.8	6117.9	10106.4	14094.9
70°	1255.0	1324.0	1392.9	3086.5	4780.1	8585.9	12391.7
72.5°	1017.1	1017.8	1019.2	2320.4	3621.7	7129.5	10636.7
75°	755.1	759.2	764.0	1719.8	2675.6	5692.4	8709.3
77.5°	553.0	550.3	546.1	1111.6	1677.0	3734.7	5792.4
80°	353.1	350.3	346.2	614.4	882.7	2141.1	3399.6
82.5°	215.1	214.5	213.8	330.3	446.8	1073.0	1699.8
85°	95.2	90.3	86.2	104.8	124.1	255.1	386.2
87.5°	31.0	29.0	27.6	28.3	29.0	30.3	31.0
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: SP1-2407-184-3

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-727-U-5WQ

Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

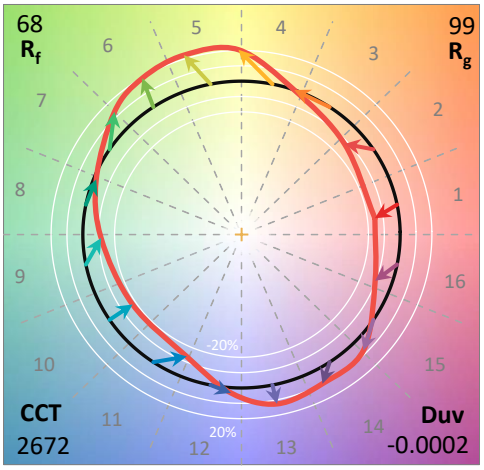
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-3
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-727-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 2700K CCT 26 LEDS

Spectral Parameters

CCT (K):	2672
CIE u':	0.2638
CIE v':	0.5276
Duv:	-0.0002
CIE x:	0.4619
CIE y:	0.4106
CIE z:	0.1275
Peak Wavelength (nm):	601
Dominant Wavelength (nm):	584
Purity:	61.88407
Rf:	67.9
Rg:	98.6

CRI (Ra):	71.1
R1:	68.3
R2:	79.8
R3:	91.2
R4:	69.4
R5:	66.5
R6:	72.6
R7:	77.0
R8:	44.1
R9:	-27.8
R10:	54.4
R11:	65.8
R12:	45.6
R13:	69.8
R14:	94.5
R15:	60.1



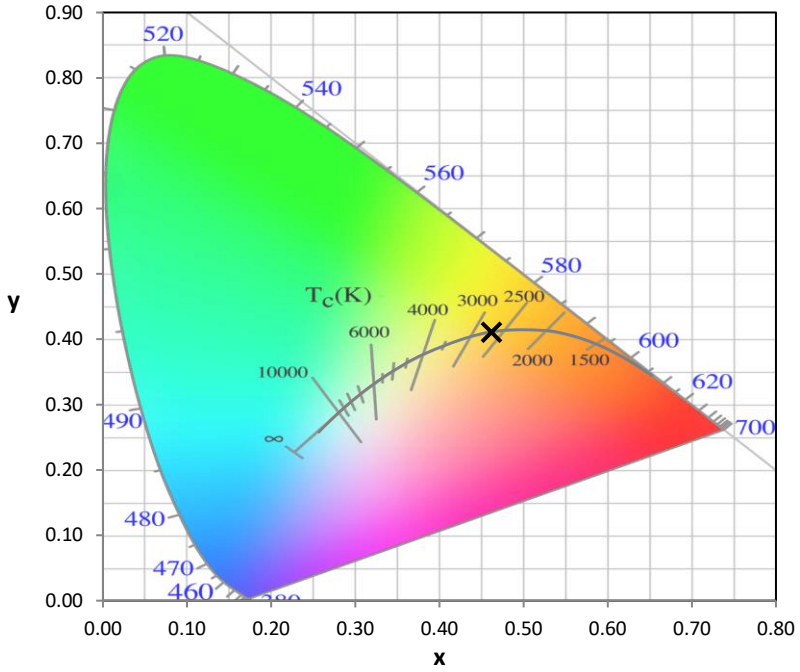
Test Conditions

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

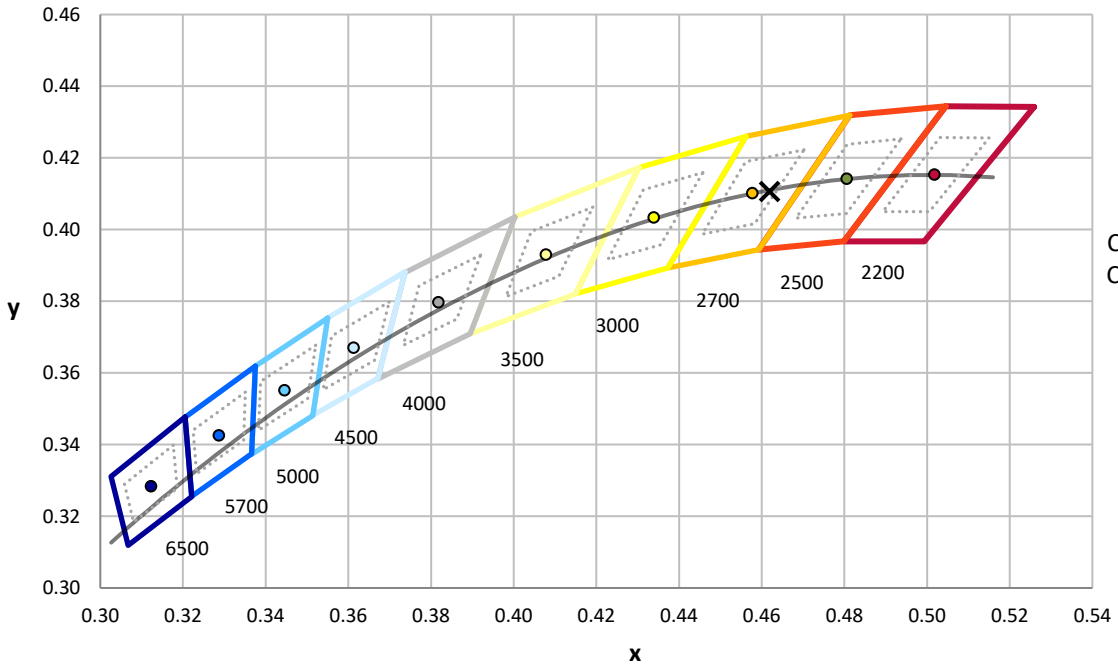
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



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

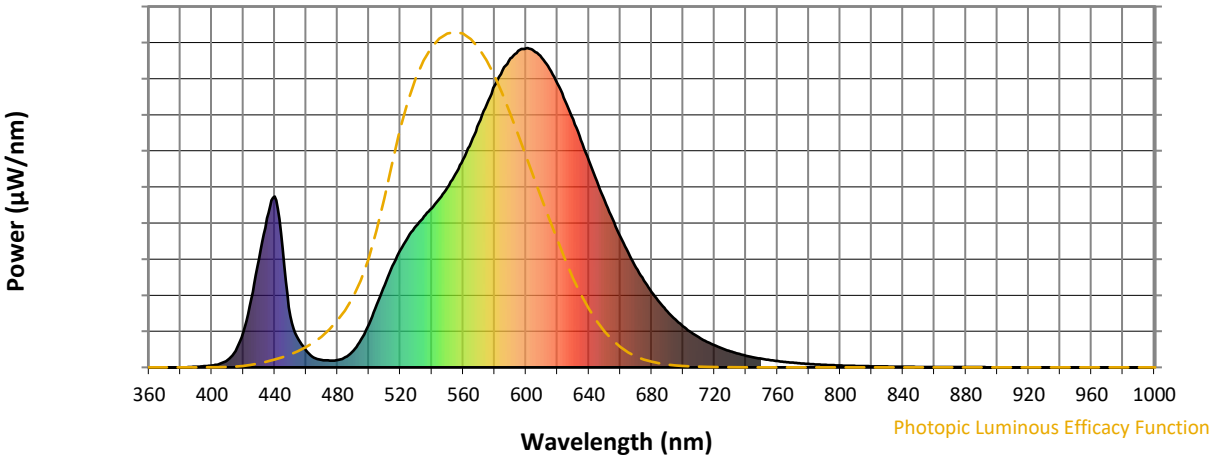


CCT = 2672K
CIE x = 0.4619
CIE y = 0.4106
Duv = -0.0002

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-3

Photopic Flux vs. Wavelength

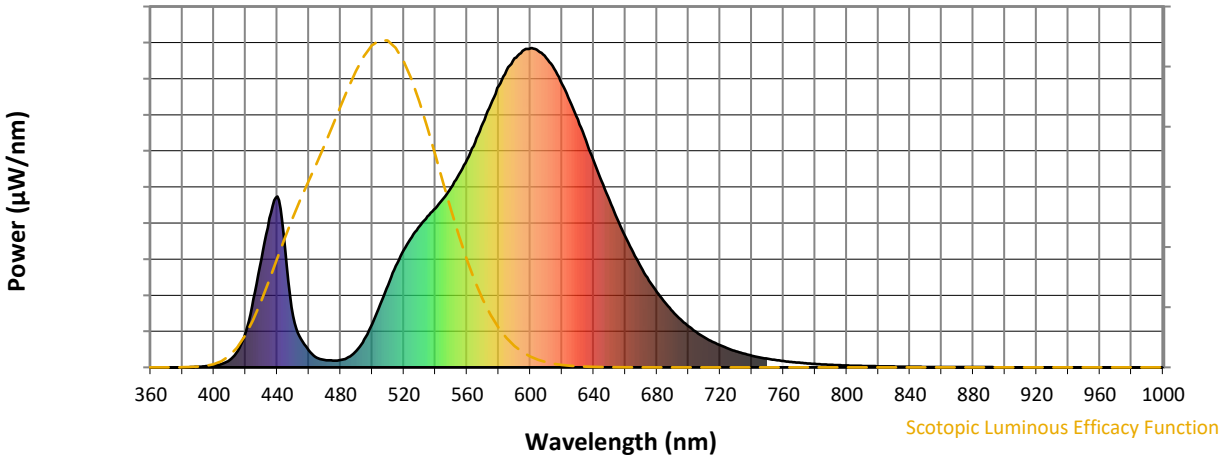


Photopic Lumens: NR

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

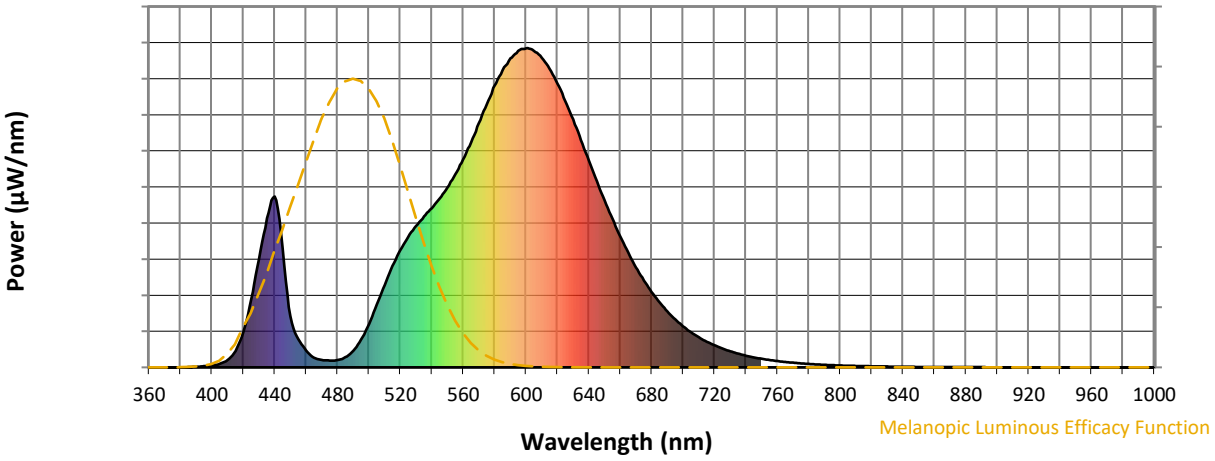


Scotopic Lumens: NR **S/P: 1.02**

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 1.71**

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

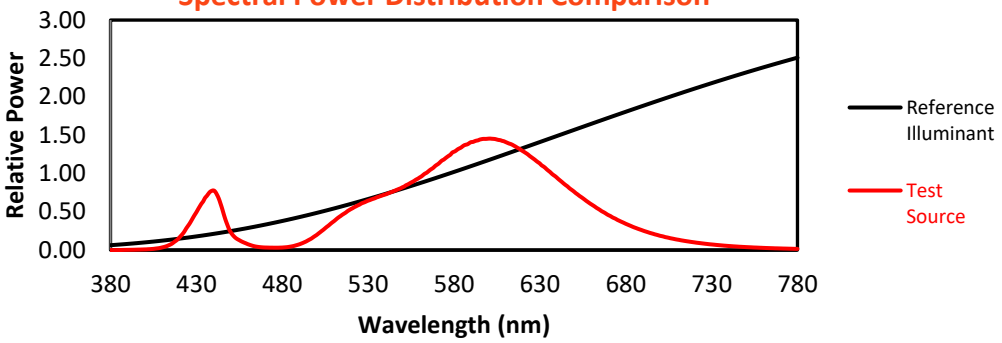
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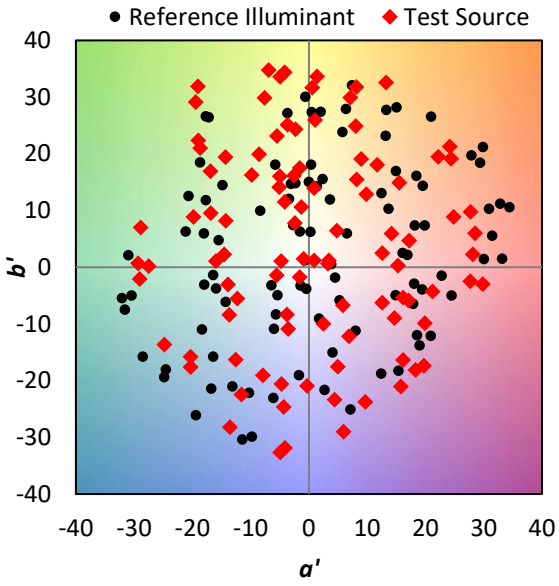
Summary

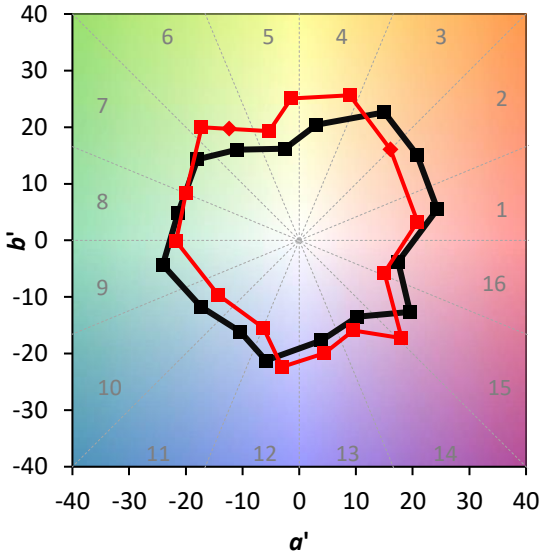
R_f = 67.9
R_g = 98.6
CIE R_a = 71.1
R_9 = -27.8

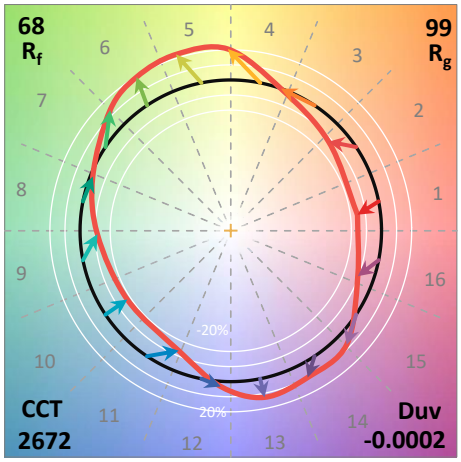
Spectral Power Distribution Comparison

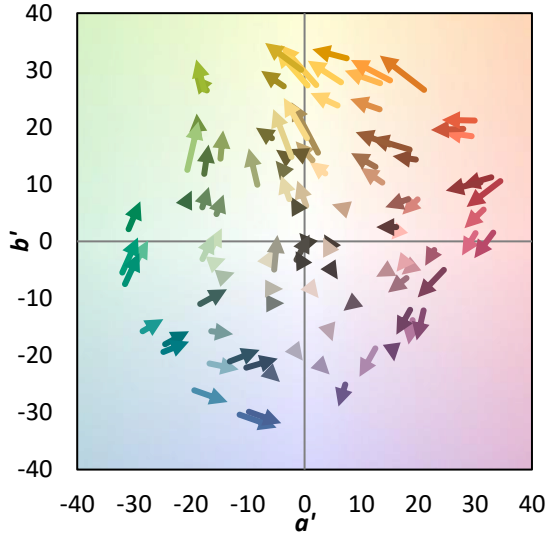


Color Vector Graphics







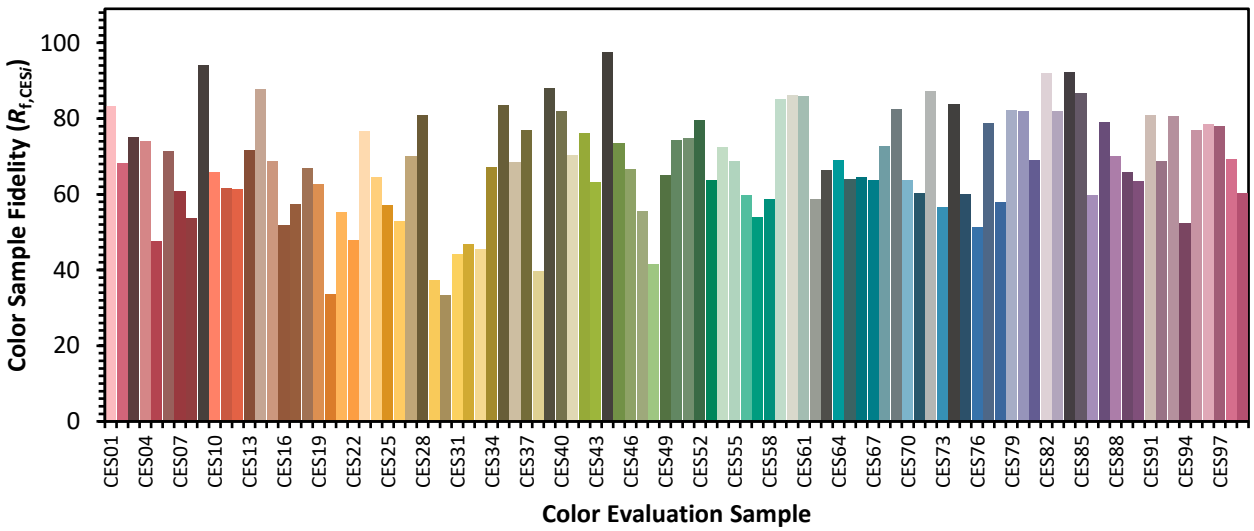


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Individual Sample Fidelity Index ($R_{f,i}$)

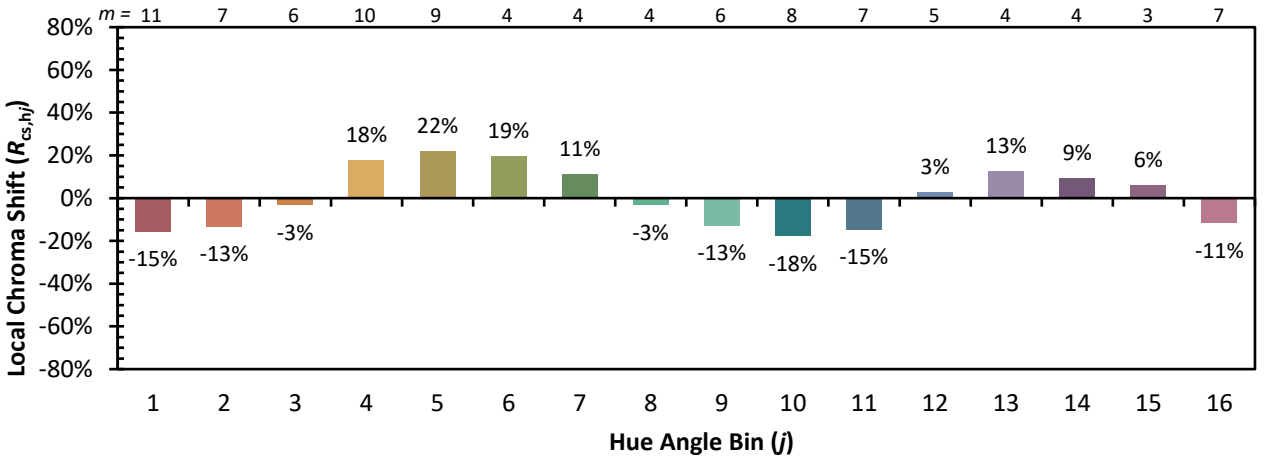
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CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82 = 92
CES08 = 41	CES33 = 45	CES58 = 59	CES83 = 82
CES09 = 29	CES34 = 67	CES59 = 85	CES84 = 92
CES10 = 77	CES35 = 84	CES60 = 86	CES85 = 87
CES11 = 60	CES36 = 68	CES61 = 86	CES86 = 60
CES12 = 66	CES37 = 77	CES62 = 59	CES87 = 79
CES13 = 44	CES38 = 40	CES63 = 66	CES88 = 70
CES14 = 74	CES39 = 88	CES64 = 69	CES89 = 66
CES15 = 72	CES40 = 82	CES65 = 64	CES90 = 64
CES16 = 48	CES41 = 70	CES66 = 65	CES91 = 81
CES17 = 51	CES42 = 76	CES67 = 64	CES92 = 69
CES18 = 57	CES43 = 63	CES68 = 73	CES93 = 81
CES19 = 73	CES44 = 97	CES69 = 83	CES94 = 53
CES20 = 67	CES45 = 74	CES70 = 64	CES95 = 77
CES21 = 88	CES46 = 67	CES71 = 60	CES96 = 79
CES22 = 80	CES47 = 55	CES72 = 87	CES97 = 78
CES23 = 92	CES48 = 42	CES73 = 57	CES98 = 69
CES24 = 92	CES49 = 65	CES74 = 84	CES99 = 60
CES25 = 73	CES50 = 74	CES75 = 60	

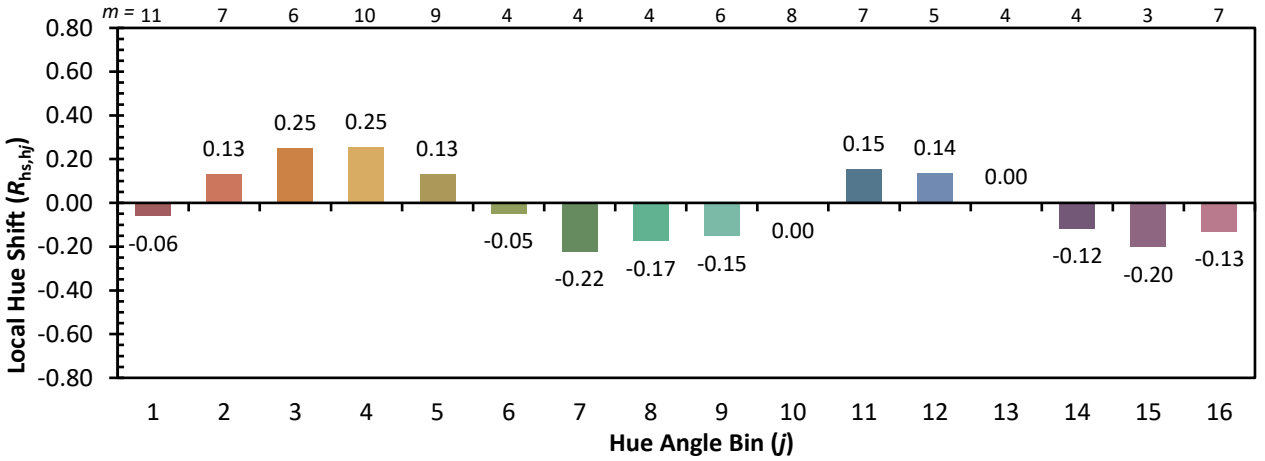


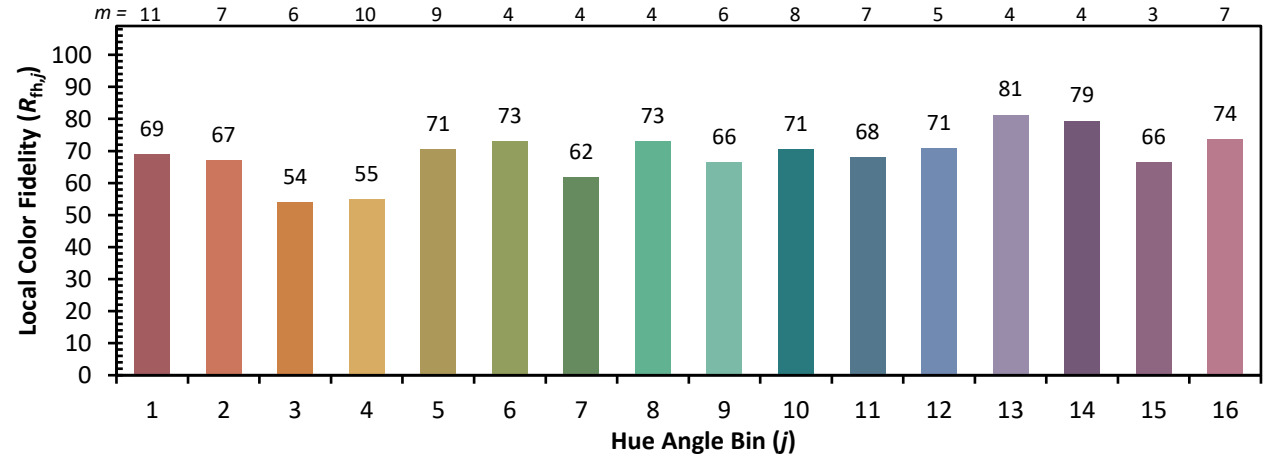
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Color Rendition by Hue-Angle Bin



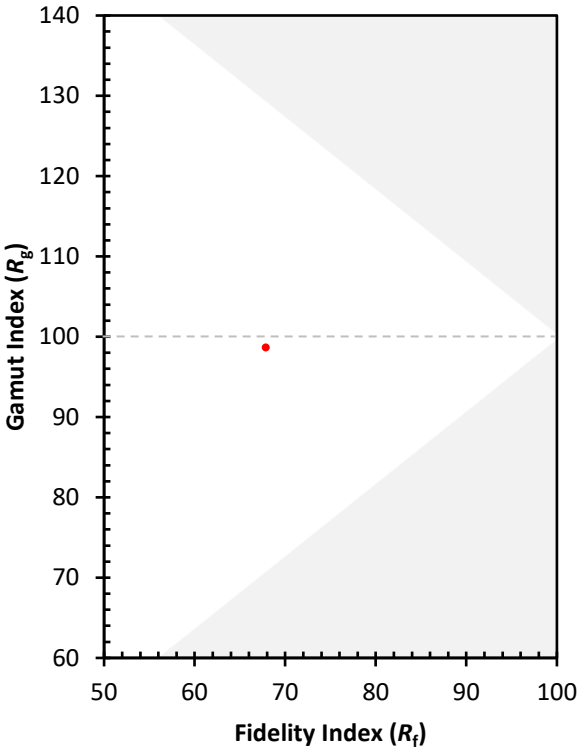


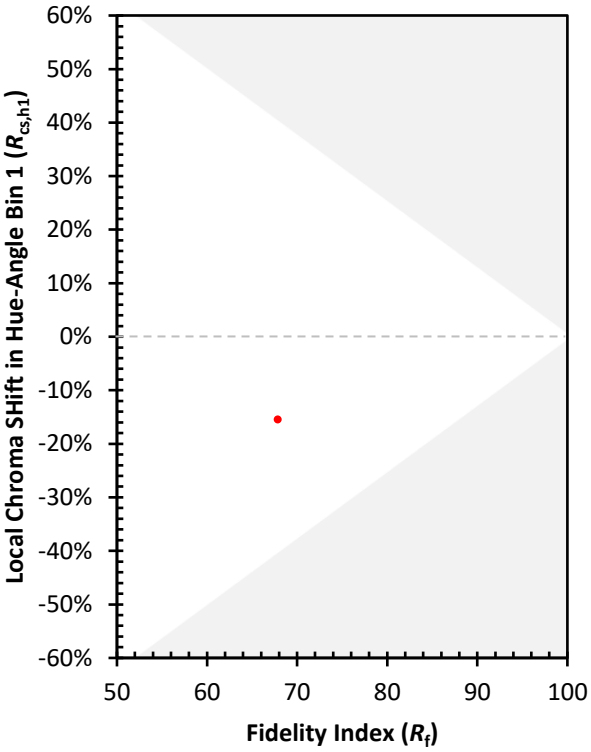


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Measure Comparisons





(END OF REPORT)