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: P1364974

Luminaire Tested: **GSS-SB4D-730-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:	P1364974
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4D-730-U-SLL
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 238W 70CRI 3000K FIXTURE w/ 90° Spill Light Eliminator LEFT OPTIC
Light Source:	(104) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	30383.1 lumens
Efficiency:	N/A
Efficacy:	127.7 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - U0 - G4

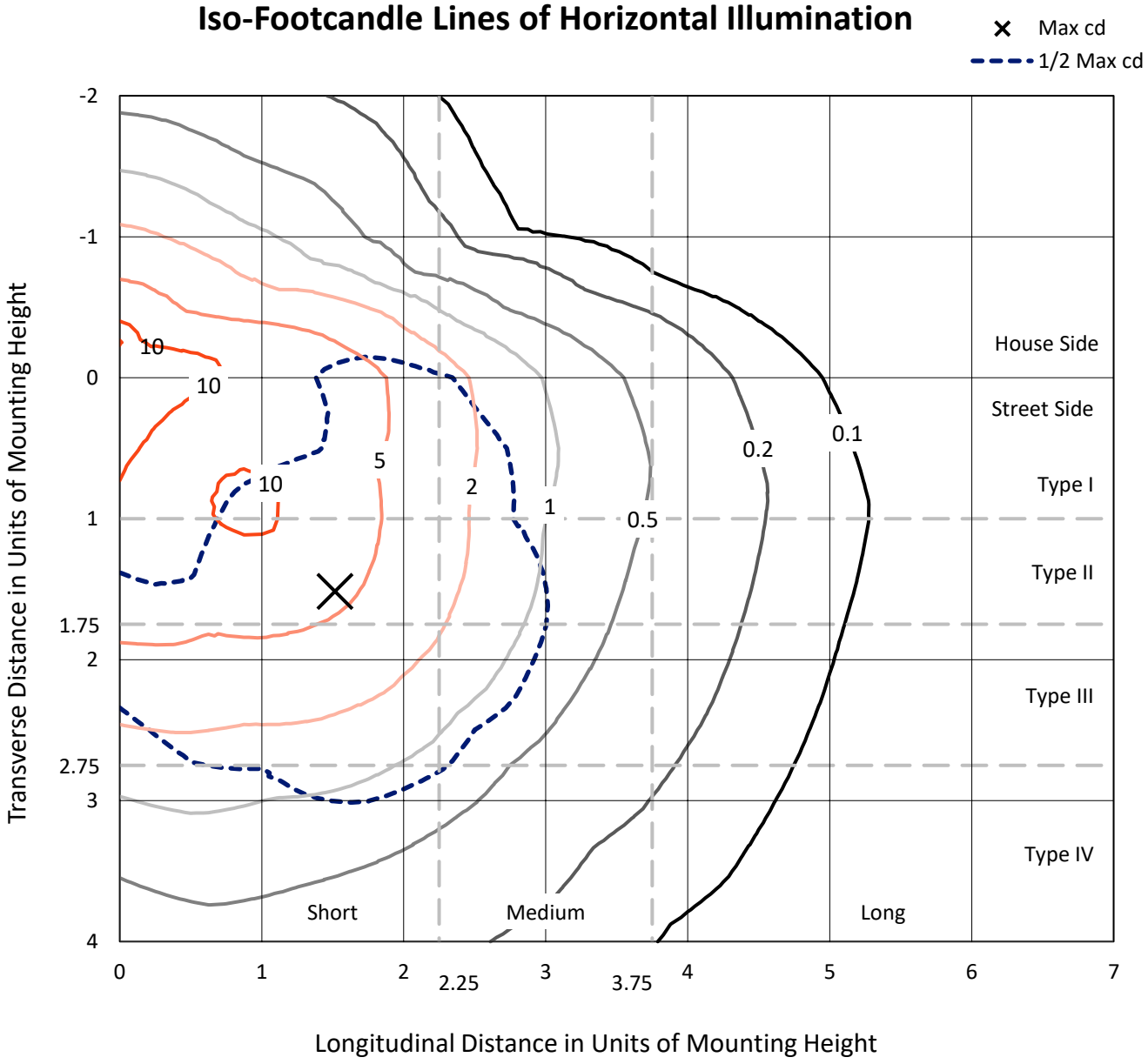
Input Watts (W):	238
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	--
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination



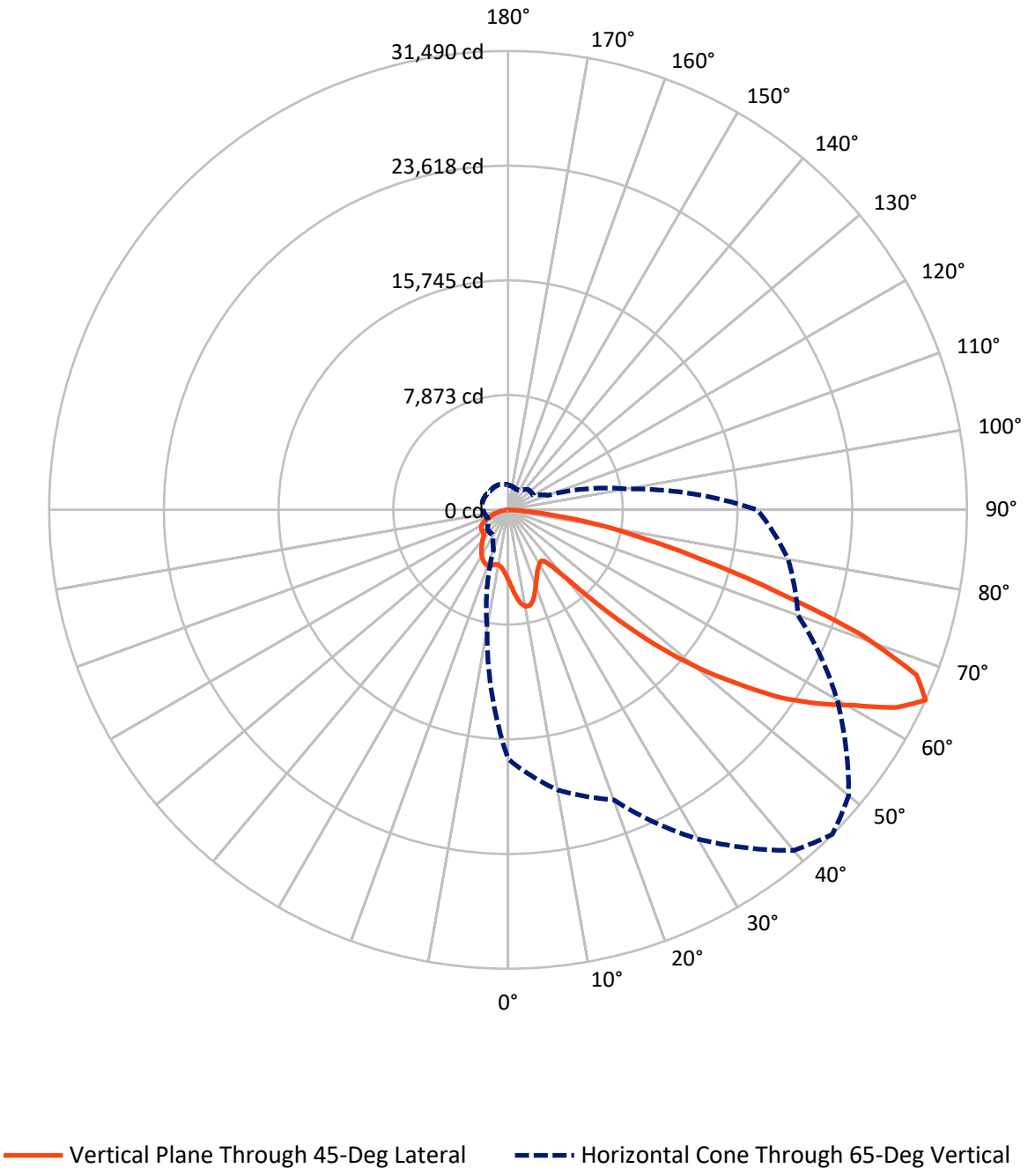
Based on 20 foot mounting height. Maximum calculated value = 16.1 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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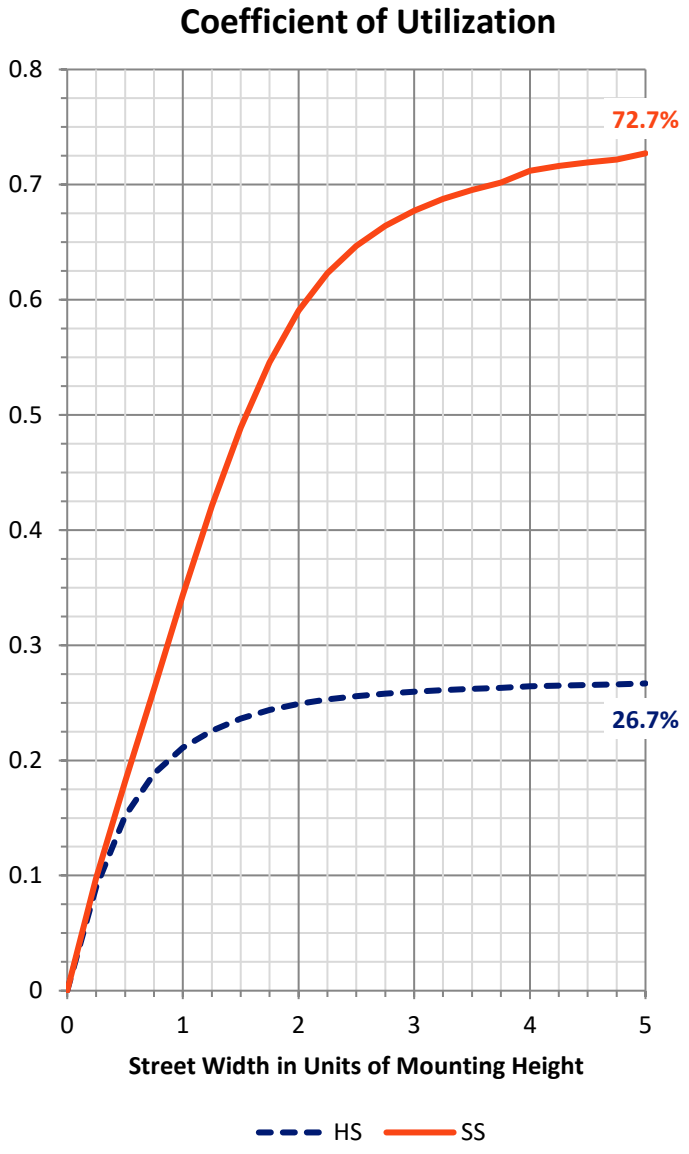
REPORT NUMBER: P1364974
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	8173.7	0.0	8173.7
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	22209.4	0.0	22209.4
	% Fixture	73.1	0.0	73.1
Total	Lumens	30383.1	0.0	30383.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	478.4	1.6
10°-20°	1465.9	4.8
20°-30°	2268.8	7.5
30°-40°	2814.9	9.3
40°-50°	4116.2	13.5
50°-60°	6447.6	21.2
60°-70°	7650.4	25.2
70°-80°	4462.1	14.7
80°-90°	678.8	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°	30383.1	100.0
0°-180°	30383.1	100.0



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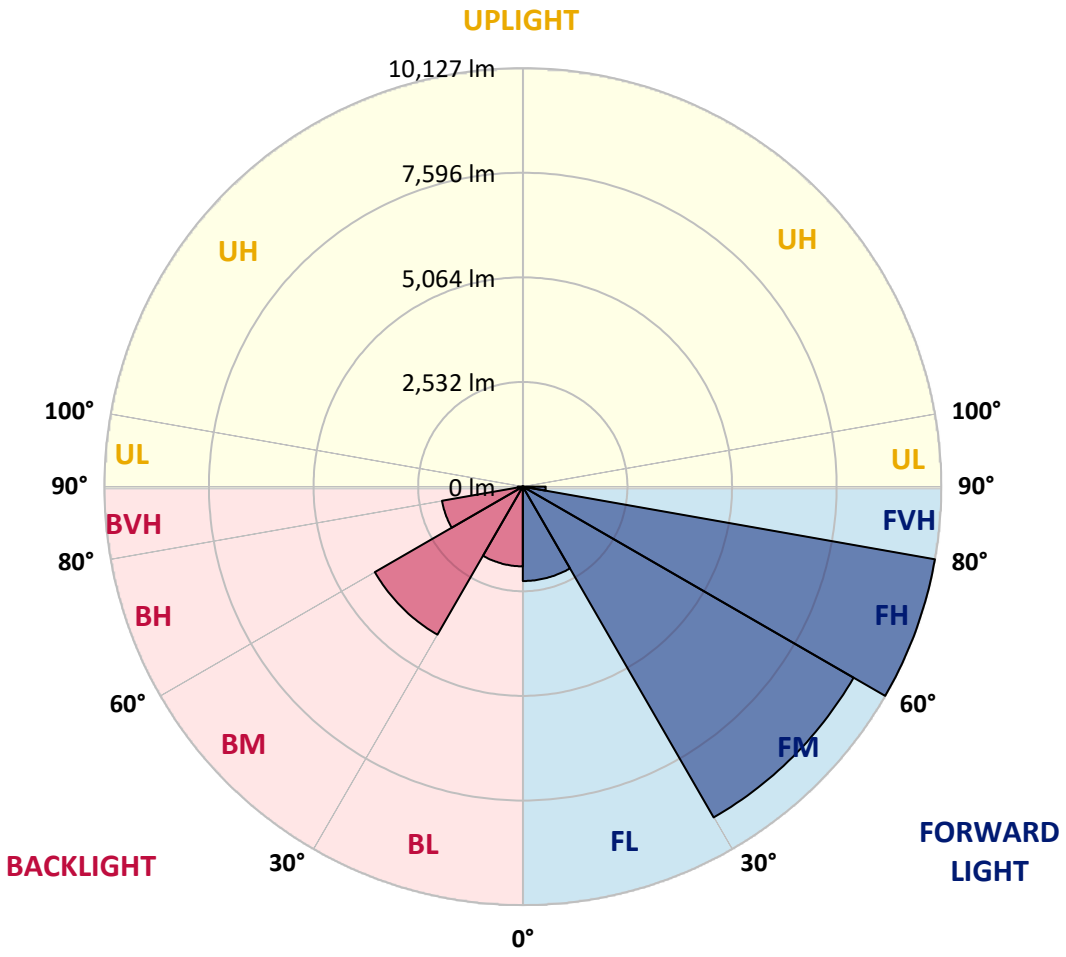
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2283.6	7.5			
FM	(30°-60°)	9243.2	30.4			
FH	(60°-80°)	10127.5	33.3			G4/12000
FVH	(80°-90°)	555.2	1.8			G4/750
BL	(0°-30°)	1929.6	6.4	B3/2500		
BM	(30°-60°)	4135.5	13.6	B3/5000		
BH	(60°-80°)	1985.1	6.5	B3/2500		G3/2500
BVH	(80°-90°)	123.6	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°	4844.6	4844.6	4844.6	4844.6	4844.6	4844.6	4844.6	4844.6	4844.6	*4844.6*	4844.6
2.5°	5234.7	5253.3	5271.9	5292.0	5312.8	5324.6	5336.5	5349.2	5361.1	*5372.2*	5361.1
5°	5591.4	5675.4	5758.6	5815.1	5871.5	5914.6	5957.7	5982.2	6007.5	*6011.2*	6007.5
7.5°	5951.8	6051.3	6150.9	6237.1	6323.3	6378.3	6433.3	6465.2	6497.9	*6509.1*	6497.9
10°	6178.4	6295.1	6412.5	6495.7	6579.6	6630.9	6681.4	6706.7	6732.0	*6739.4*	6732.0
12.5°	6293.6	6405.8	6518.0	6582.6	6646.5	6679.2	6711.2	6723.1	6733.5	*6724.5*	6733.5
15°	6349.3	6415.4	6480.8	6508.3	6535.1	6519.5	6503.1	6480.1	6457.0	*6442.2*	6457.0
17.5°	6364.2	6387.2	6411.0	6361.2	6312.2	6223.0	6133.8	6066.9	6000.1	*5951.8*	6000.1
20°	6412.5	6375.3	6338.2	6205.9	6074.4	5907.2	5740.0	5627.8	5514.9	*5446.5*	5514.9
22.5°	6464.5	6359.7	6254.9	6032.8	5810.6	5581.7	5353.6	5224.3	5095.8	*5023.0*	5095.8
25°	6546.2	6366.4	6185.8	5885.6	5586.2	5317.2	5049.0	4908.5	4768.9	*4688.6*	4768.9
27.5°	6665.1	6390.2	6115.2	5743.7	5372.2	5080.9	4788.9	4655.2	4521.4	*4450.8*	4521.4
30°	6832.3	6467.5	6101.9	5657.5	5212.4	4907.8	4603.2	4472.4	4340.9	*4265.1*	4340.9
32.5°	7036.6	6575.9	6115.2	5617.4	5119.6	4809.0	4499.1	4373.6	4248.7	*4183.3*	4248.7
35°	7382.1	6798.8	6215.6	5663.5	5112.1	4823.8	4536.3	4444.1	4352.7	*4317.1*	4352.7
37.5°	7820.5	7139.2	6457.0	5888.6	5320.2	5124.0	4927.9	4927.9	4927.9	*4956.1*	4927.9
40°	8467.0	7701.6	6936.3	6398.3	5861.1	5849.2	5838.8	5963.7	6089.2	*6145.0*	6089.2
42.5°	9373.5	8564.3	7755.9	7322.0	6888.0	7148.1	7408.1	7769.3	8130.4	*8366.7*	8130.4
45°	10499.2	9711.6	8924.0	8620.8	8318.4	8897.2	9475.3	10113.6	10751.8	*11205.1*	10751.8
47.5°	11576.6	10913.8	10250.3	10077.2	9904.8	10867.0	11829.3	12764.7	13700.2	*14251.6*	13700.2
50°	12824.9	12229.0	11632.3	11598.9	11565.5	12847.2	14129.0	15336.4	16543.9	*17216.3*	16543.9
52.5°	14426.2	13771.6	13116.2	13143.0	13168.2	14690.7	16213.2	17673.3	19133.4	*19891.3*	19133.4
55°	16339.5	15518.5	14697.4	14692.9	14688.5	16437.6	18188.2	19981.9	21777.1	*22789.1*	21777.1
57.5°	18290.0	17521.0	16751.9	16569.1	16385.6	18215.0	20043.6	22024.6	24006.2	*25070.3*	24006.2
60°	19753.8	19330.3	18906.7	18614.0	18322.0	20200.4	22079.5	24125.9	26171.5	*27232.5*	26171.5
62.5°	19148.2	19905.4	20662.6	20641.0	20619.5	22647.2	24675.0	26803.1	28932.6	*29885.2*	28932.6
65°	*17104.9*	*18312.3*	*19519.8*	*20350.5*	*21180.5*	*23631.8*	*26082.3*	*28299.6*	*30516.8*	*31490.2*	*30516.8*
67.5°	15187.8	16251.8	17316.6	17996.5	18676.4	21438.3	24200.9	26716.9	29232.8	*30234.4*	29232.8
70°	13352.5	14531.0	15709.4	16195.4	16681.3	19027.9	21373.6	23364.3	25354.1	*25746.5*	25354.1
72.5°	11461.4	12862.8	14264.9	14470.8	14676.6	16384.1	18091.6	19151.9	20212.3	*19356.3*	20212.3
75°	9384.6	10965.8	12546.3	12683.8	12821.2	13353.2	13886.0	14155.7	14426.2	*13939.5*	14426.2
77.5°	6241.6	7610.3	8979.7	9288.0	9596.4	9950.8	10306.0	10287.4	10268.9	*9585.3*	10268.9
80°	3663.2	4733.9	5804.7	5844.8	5884.9	6150.9	6416.2	6687.4	6958.6	*6523.9*	6958.6
82.5°	1831.6	2419.3	3007.8	3098.5	3189.1	3351.9	3514.6	3590.4	3666.9	*3299.1*	3666.9
85°	416.1	569.2	722.2	870.1	1018.0	1188.9	1359.8	1340.5	1321.1	*1114.6*	1321.1
87.5°	33.4	34.2	35.7	36.4	37.2	37.9	38.6	40.9	43.1	*44.6*	43.1
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°	4844.6	4844.6	4844.6	4844.6	4844.6	4844.6	4844.6	4844.6	4844.6	4844.6	4844.6
2.5°	5349.2	5336.5	5324.6	5312.8	5292.0	5271.9	5253.3	5234.7	5187.2	5140.4	5097.3
5°	5982.2	5957.7	5914.6	5871.5	5815.1	5758.6	5675.4	5591.4	5507.4	5424.2	5336.5
7.5°	6465.2	6433.3	6378.3	6323.3	6237.1	6150.9	6051.3	5951.8	5810.6	5669.4	5536.4
10°	6706.7	6681.4	6630.9	6579.6	6495.7	6412.5	6295.1	6178.4	6009.7	5840.3	5675.4
12.5°	6723.1	6711.2	6679.2	6646.5	6582.6	6518.0	6405.8	6293.6	6125.7	5957.7	5772.7
15°	6480.1	6503.1	6519.5	6535.1	6508.3	6480.8	6415.4	6349.3	6179.1	6009.7	5821.7
17.5°	6066.9	6133.8	6223.0	6312.2	6361.2	6411.0	6387.2	6364.2	6205.2	6046.9	5846.3
20°	5627.8	5740.0	5907.2	6074.4	6205.9	6338.2	6375.3	6412.5	6252.0	6091.5	5876.0
22.5°	5224.3	5353.6	5581.7	5810.6	6032.8	6254.9	6359.7	6464.5	6317.4	6171.0	5933.9
25°	4908.5	5049.0	5317.2	5586.2	5885.6	6185.8	6366.4	6546.2	6419.2	6292.1	6033.5
27.5°	4655.2	4788.9	5080.9	5372.2	5743.7	6115.2	6390.2	6665.1	6567.8	6470.4	6179.1
30°	4472.4	4603.2	4907.8	5212.4	5657.5	6101.9	6467.5	6832.3	6755.8	6680.0	6351.5
32.5°	4373.6	4499.1	4809.0	5119.6	5617.4	6115.2	6575.9	7036.6	6989.1	6941.5	6554.4
35°	4444.1	4536.3	4823.8	5112.1	5663.5	6215.6	6798.8	7382.1	7322.7	7263.2	6769.9
37.5°	4927.9	4927.9	5124.0	5320.2	5888.6	6457.0	7139.2	7820.5	7749.9	7679.4	7032.9
40°	5963.7	5838.8	5849.2	5861.1	6398.3	6936.3	7701.6	8467.0	8328.0	8188.3	7333.8
42.5°	7769.3	7408.1	7148.1	6888.0	7322.0	7755.9	8564.3	9373.5	9079.2	8784.3	7666.7
45°	10113.6	9475.3	8897.2	8318.4	8620.8	8924.0	9711.6	10499.2	10027.4	9555.5	8118.5
47.5°	12764.7	11829.3	10867.0	9904.8	10077.2	10250.3	10913.8	11576.6	10979.2	10381.8	8582.9
50°	15336.4	14129.0	12847.2	11565.5	11598.9	11632.3	12229.0	12824.9	12015.0	11205.1	8987.9
52.5°	17673.3	16213.2	14690.7	13168.2	13143.0	13116.2	13771.6	14426.2	13140.0	11853.0	9179.6
55°	19981.9	18188.2	16437.6	14688.5	14692.9	14697.4	15518.5	16339.5	14270.1	12200.8	9129.0
57.5°	22024.6	20043.6	18215.0	16385.6	16569.1	16751.9	17521.0	18290.0	15219.0	12148.8	8853.4
60°	24125.9	22079.5	20200.4	18322.0	18614.0	18906.7	19330.3	19753.8	15644.0	11533.5	8192.8
62.5°	26803.1	24675.0	22647.2	20619.5	20641.0	20662.6	19905.4	19148.2	14701.1	10254.0	7110.2
65°	*28299.6*	*26082.3*	*23631.8*	*21180.5*	*20350.5*	*19519.8*	*18312.3*	*17104.9*	*12680.0*	*8255.2*	*5577.3*
67.5°	26716.9	24200.9	21438.3	18676.4	17996.5	17316.6	16251.8	15187.8	10890.0	6592.3	4340.1
70°	23364.3	21373.6	19027.9	16681.3	16195.4	15709.4	14531.0	13352.5	9251.6	5150.8	3325.9
72.5°	19151.9	18091.6	16384.1	14676.6	14470.8	14264.9	12862.8	11461.4	7682.3	3902.5	2500.3
75°	14155.7	13886.0	13353.2	12821.2	12683.8	12546.3	10965.8	9384.6	6133.8	2883.0	1853.2
77.5°	10287.4	10306.0	9950.8	9596.4	9288.0	8979.7	7610.3	6241.6	4024.3	1807.1	1197.8
80°	6687.4	6416.2	6150.9	5884.9	5844.8	5804.7	4733.9	3663.2	2307.1	951.1	662.1
82.5°	3590.4	3514.6	3351.9	3189.1	3098.5	3007.8	2419.3	1831.6	1156.2	481.5	355.9
85°	1340.5	1359.8	1188.9	1018.0	870.1	722.2	569.2	416.1	274.9	133.7	112.9
87.5°	40.9	38.6	37.9	37.2	36.4	35.7	34.2	33.4	32.7	31.2	30.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	4844.6	4844.6	4844.6	4844.6	4844.6	4844.6	4844.6	4844.6	4844.6	4844.6	4844.6
2.5°	5054.2	5011.1	4967.2	4925.6	4883.3	4840.9	4803.8	4763.7	4724.3	4693.1	4662.6
5°	5249.6	5164.2	5078.7	4997.7	4917.5	4833.5	4761.4	4690.1	4620.2	4562.3	4504.3
7.5°	5403.4	5284.5	5165.6	5059.4	4952.4	4840.9	4754.0	4667.1	4580.9	4505.8	4430.0
10°	5509.7	5363.3	5216.2	5093.6	4971.0	4852.1	4759.2	4667.8	4577.1	4499.9	4422.6
12.5°	5587.7	5423.5	5259.3	5124.0	4989.5	4859.5	4768.9	4693.1	4618.0	4563.8	4510.3
15°	5633.8	5456.9	5279.3	5127.0	4974.7	4829.8	4749.5	4700.5	4651.5	4647.0	4642.5
17.5°	5645.6	5443.5	5242.2	5064.6	4887.7	4718.3	4650.0	4643.3	4636.6	4710.2	4783.7
20°	5660.5	5423.5	5186.4	4953.1	4719.8	4495.4	4452.3	4494.7	4536.3	4680.4	4823.8
22.5°	5697.7	5407.9	5118.1	4825.3	4532.6	4265.1	4224.2	4286.6	4348.3	4536.3	4724.3
25°	5774.9	5406.4	5037.8	4673.0	4308.2	4001.3	3997.6	4065.2	4132.8	4306.7	4480.6
27.5°	5888.6	5420.5	4952.4	4517.0	4080.8	3767.2	3785.8	3850.5	3915.8	4045.1	4174.4
30°	6022.4	5451.0	4880.3	4381.0	3882.4	3577.8	3597.8	3648.3	3698.9	3792.5	3886.1
32.5°	6167.3	5485.1	4803.8	4262.1	3721.2	3440.3	3440.3	3461.8	3483.4	3544.3	3605.2
35°	6277.2	5477.0	4677.5	4126.9	3575.5	3358.6	3312.5	3294.7	3276.8	3316.9	3357.1
37.5°	6386.5	5453.9	4521.4	3976.8	3432.9	3262.0	3174.3	3126.7	3077.7	3097.0	3114.8
40°	6479.3	5401.9	4324.5	3797.7	3270.9	3135.6	3025.7	2954.3	2883.0	2881.5	2879.3
42.5°	6547.7	5312.0	4075.6	3584.4	3092.5	2998.2	2862.2	2771.6	2680.9	2671.2	2661.6
45°	6681.4	5250.3	3819.2	3367.5	2916.4	2831.0	2695.8	2602.1	2510.0	2495.1	2480.3
47.5°	6784.0	5178.3	3572.6	3152.0	2732.9	2634.1	2507.8	2428.3	2348.0	2339.1	2329.4
50°	6770.6	5055.7	3340.0	2960.3	2579.8	2444.6	2319.8	2254.4	2188.3	2199.4	2210.6
52.5°	6505.3	4804.5	3104.4	2787.9	2472.8	2299.7	2166.0	2116.9	2067.1	2102.1	2136.2
55°	6057.3	4471.6	2884.5	2643.7	2401.5	2229.1	2071.6	2016.6	1961.6	2010.7	2059.7
57.5°	5558.0	4123.1	2688.3	2521.9	2355.4	2210.6	2017.4	1940.1	1863.6	1912.6	1961.6
60°	4852.1	3682.5	2513.0	2396.3	2279.7	2166.0	1972.8	1876.2	1779.6	1812.3	1844.2
62.5°	3966.4	3123.8	2281.1	2215.8	2151.1	2102.8	1918.5	1792.2	1665.9	1670.4	1673.3
65°	*2899.4*	*2455.0*	*2009.9*	*1995.8*	*1982.4*	*1969.1*	*1816.7*	*1680.8*	*1545.5*	*1530.7*	*1515.8*
67.5°	2088.0	1876.9	1665.9	1705.3	1744.7	1764.7	1660.7	1541.1	1420.7	1390.2	1359.8
70°	1500.9	1426.6	1352.3	1411.0	1469.7	1463.8	1413.3	1341.9	1270.6	1251.3	1232.0
72.5°	1098.2	1096.7	1096.0	1140.6	1185.2	1125.7	1157.7	1141.3	1125.7	1111.6	1098.2
75°	823.3	818.1	813.6	866.4	919.9	943.7	964.5	955.6	947.4	937.0	927.3
77.5°	588.5	592.9	595.9	653.9	711.8	780.2	783.9	764.6	744.5	734.1	722.2
80°	373.0	377.5	380.4	441.4	501.6	598.1	594.4	570.7	546.1	538.0	529.0
82.5°	230.3	231.1	231.8	261.6	291.3	345.5	360.4	360.4	360.4	355.2	349.2
85°	92.9	97.3	102.5	121.9	141.2	170.9	179.8	181.3	182.0	173.9	165.0
87.5°	29.7	31.2	33.4	37.2	40.9	44.6	52.0	56.5	60.9	65.4	68.4
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: P1364974
CATALOG NUMBER: GSS-SB4D-730-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	4844.6	4844.6	4844.6	4844.6	4844.6	4844.6	4844.6	4844.6	4844.6	4844.6	4844.6
2.5°	4635.8	4608.4	4576.4	4543.7	4520.7	4496.9	4481.3	4465.7	4458.3	4450.8	4444.9
5°	4456.8	4407.7	4364.6	4320.8	4286.6	4251.7	4223.5	4194.5	4182.6	4170.0	4161.8
7.5°	4366.1	4302.2	4248.7	4194.5	4143.2	4092.7	4060.0	4027.3	4008.0	3988.7	3974.5
10°	4355.0	4287.4	4216.8	4146.2	4089.7	4033.2	3984.2	3936.6	3909.2	3882.4	3867.5
12.5°	4447.9	4385.4	4301.5	4216.8	4140.2	4064.4	4004.3	3944.1	3909.9	3877.2	3854.9
15°	4621.0	4599.4	4521.4	4443.4	4337.9	4231.6	4145.4	4058.5	4010.9	3961.9	3934.4
17.5°	4826.1	4868.4	4814.2	4759.2	4610.6	4462.0	4333.4	4205.6	4135.8	4065.9	4041.4
20°	4938.3	5052.7	5046.8	5041.5	4847.6	4652.9	4484.3	4315.6	4222.0	4129.8	4092.7
22.5°	4889.2	5054.2	5096.5	5138.1	4947.9	4757.0	4548.9	4340.9	4230.9	4120.2	4085.3
25°	4658.1	4835.7	4914.5	4993.3	4836.5	4679.7	4477.6	4276.2	4160.3	4043.6	4008.0
27.5°	4317.1	4459.7	4548.2	4636.6	4540.7	4444.9	4281.4	4117.9	4015.4	3912.1	3874.2
30°	3982.7	4079.3	4149.9	4220.5	4157.3	4094.2	3976.8	3860.1	3783.6	3707.8	3684.0
32.5°	3677.3	3748.7	3788.0	3826.7	3777.6	3728.6	3651.3	3574.0	3526.5	3478.9	3463.3
35°	3415.0	3473.7	3503.4	3533.2	3492.3	3451.4	3382.3	3314.0	3279.8	3245.6	3233.0
37.5°	3164.6	3213.7	3256.0	3299.1	3269.4	3239.7	3181.0	3122.3	3082.1	3040.5	3018.2
40°	2926.8	2973.7	3027.2	3079.9	3074.7	3068.8	3013.0	2957.3	2899.4	2842.1	2811.7
42.5°	2708.4	2755.2	2811.7	2868.1	2879.3	2890.4	2844.4	2797.6	2730.7	2663.8	2617.0
45°	2520.4	2562.0	2623.7	2686.1	2712.1	2738.1	2696.5	2654.2	2579.1	2504.1	2448.3
47.5°	2371.8	2414.9	2483.3	2552.4	2579.8	2608.1	2579.8	2552.4	2487.7	2422.3	2373.3
50°	2257.4	2303.4	2356.9	2411.2	2462.4	2513.0	2507.8	2502.6	2451.3	2400.0	2354.0
52.5°	2178.6	2221.7	2277.4	2333.2	2386.7	2440.9	2449.1	2458.0	2420.8	2383.7	2343.6
55°	2111.0	2162.3	2214.3	2266.3	2316.8	2366.6	2377.7	2388.9	2362.1	2334.6	2304.9
57.5°	2017.4	2073.1	2125.1	2177.1	2235.8	2294.5	2303.4	2312.4	2284.1	2255.1	2232.8
60°	1901.4	1957.9	2012.2	2065.7	2125.1	2184.5	2196.4	2208.3	2186.0	2163.7	2142.9
62.5°	1738.0	1801.9	1846.5	1891.0	1947.5	2004.7	2021.8	2039.7	2029.3	2019.6	1995.8
65°	*1576.7*	*1638.4*	*1673.3*	*1709.0*	*1758.0*	*1807.1*	*1824.2*	*1841.3*	*1836.1*	*1831.6*	*1814.5*
67.5°	1416.2	1472.7	1501.7	1530.7	1564.1	1597.5	1616.9	1636.2	1626.5	1616.1	1598.3
70°	1278.0	1324.1	1349.4	1374.6	1401.4	1428.1	1438.5	1448.9	1434.1	1419.2	1379.1
72.5°	1133.1	1168.1	1189.6	1211.2	1236.4	1261.7	1267.6	1274.3	1251.3	1227.5	1180.7
75°	954.1	980.8	997.2	1014.3	1040.3	1066.3	1077.4	1088.6	1055.9	1023.9	974.1
77.5°	746.8	771.3	786.9	802.5	824.0	845.6	848.6	853.0	824.8	796.5	766.8
80°	546.9	564.7	570.7	575.9	593.7	610.8	610.8	610.8	590.0	568.4	553.6
82.5°	345.5	341.8	334.4	326.9	344.8	362.6	368.5	375.2	365.6	356.7	340.3
85°	154.6	142.7	140.4	137.5	136.7	135.2	140.4	144.9	142.7	141.2	135.2
87.5°	72.8	75.8	73.6	70.6	67.6	65.4	59.4	53.5	49.0	44.6	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: P1364974
CATALOG NUMBER: GSS-SB4D-730-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	4844.6	4844.6	4844.6	4844.6	4844.6	4844.6	4844.6	4844.6	4844.6	4844.6	4844.6
2.5°	4439.7	4436.0	4439.7	4444.9	4450.8	4458.3	4465.7	4481.3	4496.9	4520.7	4543.7
5°	4153.6	4146.2	4153.6	4161.8	4170.0	4182.6	4194.5	4223.5	4251.7	4286.6	4320.8
7.5°	3960.4	3953.0	3960.4	3974.5	3988.7	4008.0	4027.3	4060.0	4092.7	4143.2	4194.5
10°	3852.7	3841.5	3852.7	3867.5	3882.4	3909.2	3936.6	3984.2	4033.2	4089.7	4146.2
12.5°	3832.6	3819.2	3832.6	3854.9	3877.2	3909.9	3944.1	4004.3	4064.4	4140.2	4216.8
15°	3906.9	3886.1	3906.9	3934.4	3961.9	4010.9	4058.5	4145.4	4231.6	4337.9	4443.4
17.5°	4016.1	4005.0	4016.1	4041.4	4065.9	4135.8	4205.6	4333.4	4462.0	4610.6	4759.2
20°	4055.5	4042.2	4055.5	4092.7	4129.8	4222.0	4315.6	4484.3	4652.9	4847.6	5041.5
22.5°	4049.6	4034.7	4049.6	4085.3	4120.2	4230.9	4340.9	4548.9	4757.0	4947.9	5138.1
25°	3971.6	3960.4	3971.6	4008.0	4043.6	4160.3	4276.2	4477.6	4679.7	4836.5	4993.3
27.5°	3835.6	3811.8	3835.6	3874.2	3912.1	4015.4	4117.9	4281.4	4444.9	4540.7	4636.6
30°	3659.5	3648.3	3659.5	3684.0	3707.8	3783.6	3860.1	3976.8	4094.2	4157.3	4220.5
32.5°	3447.7	3440.3	3447.7	3463.3	3478.9	3526.5	3574.0	3651.3	3728.6	3777.6	3826.7
35°	3221.1	3209.9	3221.1	3233.0	3245.6	3279.8	3314.0	3382.3	3451.4	3492.3	3533.2
37.5°	2996.0	2979.6	2996.0	3018.2	3040.5	3082.1	3122.3	3181.0	3239.7	3269.4	3299.1
40°	2780.5	2764.1	2780.5	2811.7	2842.1	2899.4	2957.3	3013.0	3068.8	3074.7	3079.9
42.5°	2570.9	2541.2	2570.9	2617.0	2663.8	2730.7	2797.6	2844.4	2890.4	2879.3	2868.1
45°	2392.6	2355.4	2392.6	2448.3	2504.1	2579.1	2654.2	2696.5	2738.1	2712.1	2686.1
47.5°	2324.2	2288.6	2324.2	2373.3	2422.3	2487.7	2552.4	2579.8	2608.1	2579.8	2552.4
50°	2307.1	2273.7	2307.1	2354.0	2400.0	2451.3	2502.6	2507.8	2513.0	2462.4	2411.2
52.5°	2303.4	2273.7	2303.4	2343.6	2383.7	2420.8	2458.0	2449.1	2440.9	2386.7	2333.2
55°	2275.2	2251.4	2275.2	2304.9	2334.6	2362.1	2388.9	2377.7	2366.6	2316.8	2266.3
57.5°	2210.6	2199.4	2210.6	2232.8	2255.1	2284.1	2312.4	2303.4	2294.5	2235.8	2177.1
60°	2121.4	2102.8	2121.4	2142.9	2163.7	2186.0	2208.3	2196.4	2184.5	2125.1	2065.7
62.5°	1972.8	1946.8	1972.8	1995.8	2019.6	2029.3	2039.7	2021.8	2004.7	1947.5	1891.0
65°	*1798.2*	*1768.4*	*1798.2*	*1814.5*	*1831.6*	*1836.1*	*1841.3*	*1824.2*	*1807.1*	*1758.0*	*1709.0*
67.5°	1581.2	1575.3	1581.2	1598.3	1616.1	1626.5	1636.2	1616.9	1597.5	1564.1	1530.7
70°	1339.0	1292.9	1339.0	1379.1	1419.2	1434.1	1448.9	1438.5	1428.1	1401.4	1374.6
72.5°	1133.1	1084.8	1133.1	1180.7	1227.5	1251.3	1274.3	1267.6	1261.7	1236.4	1211.2
75°	925.1	891.7	925.1	974.1	1023.9	1055.9	1088.6	1077.4	1066.3	1040.3	1014.3
77.5°	737.1	720.8	737.1	766.8	796.5	824.8	853.0	848.6	845.6	824.0	802.5
80°	538.7	527.6	538.7	553.6	568.4	590.0	610.8	610.8	610.8	593.7	575.9
82.5°	323.2	312.1	323.2	340.3	356.7	365.6	375.2	368.5	362.6	344.8	326.9
85°	130.0	126.3	130.0	135.2	141.2	142.7	144.9	140.4	135.2	136.7	137.5
87.5°	38.6	37.2	38.6	41.6	44.6	49.0	53.5	59.4	65.4	67.6	70.6
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: P1364974
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CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	4844.6	4844.6	4844.6	4844.6	4844.6	4844.6	4844.6	4844.6	4844.6	4844.6	4844.6
2.5°	4576.4	4608.4	4635.8	4662.6	4693.1	4724.3	4763.7	4803.8	4840.9	4883.3	4925.6
5°	4364.6	4407.7	4456.8	4504.3	4562.3	4620.2	4690.1	4761.4	4833.5	4917.5	4997.7
7.5°	4248.7	4302.2	4366.1	4430.0	4505.8	4580.9	4667.1	4754.0	4840.9	4952.4	5059.4
10°	4216.8	4287.4	4355.0	4422.6	4499.9	4577.1	4667.8	4759.2	4852.1	4971.0	5093.6
12.5°	4301.5	4385.4	4447.9	4510.3	4563.8	4618.0	4693.1	4768.9	4859.5	4989.5	5124.0
15°	4521.4	4599.4	4621.0	4642.5	4647.0	4651.5	4700.5	4749.5	4829.8	4974.7	5127.0
17.5°	4814.2	4868.4	4826.1	4783.7	4710.2	4636.6	4643.3	4650.0	4718.3	4887.7	5064.6
20°	5046.8	5052.7	4938.3	4823.8	4680.4	4536.3	4494.7	4452.3	4495.4	4719.8	4953.1
22.5°	5096.5	5054.2	4889.2	4724.3	4536.3	4348.3	4286.6	4224.2	4265.1	4532.6	4825.3
25°	4914.5	4835.7	4658.1	4480.6	4306.7	4132.8	4065.2	3997.6	4001.3	4308.2	4673.0
27.5°	4548.2	4459.7	4317.1	4174.4	4045.1	3915.8	3850.5	3785.8	3767.2	4080.8	4517.0
30°	4149.9	4079.3	3982.7	3886.1	3792.5	3698.9	3648.3	3597.8	3577.8	3882.4	4381.0
32.5°	3788.0	3748.7	3677.3	3605.2	3544.3	3483.4	3461.8	3440.3	3440.3	3721.2	4262.1
35°	3503.4	3473.7	3415.0	3357.1	3316.9	3276.8	3294.7	3312.5	3358.6	3575.5	4126.9
37.5°	3256.0	3213.7	3164.6	3114.8	3097.0	3077.7	3126.7	3174.3	3262.0	3432.9	3976.8
40°	3027.2	2973.7	2926.8	2879.3	2881.5	2883.0	2954.3	3025.7	3135.6	3270.9	3797.7
42.5°	2811.7	2755.2	2708.4	2661.6	2671.2	2680.9	2771.6	2862.2	2998.2	3092.5	3584.4
45°	2623.7	2562.0	2520.4	2480.3	2495.1	2510.0	2602.1	2695.8	2831.0	2916.4	3367.5
47.5°	2483.3	2414.9	2371.8	2329.4	2339.1	2348.0	2428.3	2507.8	2634.1	2732.9	3152.0
50°	2356.9	2303.4	2257.4	2210.6	2199.4	2188.3	2254.4	2319.8	2444.6	2579.8	2960.3
52.5°	2277.4	2221.7	2178.6	2136.2	2102.1	2067.1	2116.9	2166.0	2299.7	2472.8	2787.9
55°	2214.3	2162.3	2111.0	2059.7	2010.7	1961.6	2016.6	2071.6	2229.1	2401.5	2643.7
57.5°	2125.1	2073.1	2017.4	1961.6	1912.6	1863.6	1940.1	2017.4	2210.6	2355.4	2521.9
60°	2012.2	1957.9	1901.4	1844.2	1812.3	1779.6	1876.2	1972.8	2166.0	2279.7	2396.3
62.5°	1846.5	1801.9	1738.0	1673.3	1670.4	1665.9	1792.2	1918.5	2102.8	2151.1	2215.8
65°	*1673.3*	*1638.4*	*1576.7*	*1515.8*	*1530.7*	*1545.5*	*1680.8*	*1816.7*	*1969.1*	*1982.4*	*1995.8*
67.5°	1501.7	1472.7	1416.2	1359.8	1390.2	1420.7	1541.1	1660.7	1764.7	1744.7	1705.3
70°	1349.4	1324.1	1278.0	1232.0	1251.3	1270.6	1341.9	1413.3	1463.8	1469.7	1411.0
72.5°	1189.6	1168.1	1133.1	1098.2	1111.6	1125.7	1141.3	1157.7	1125.7	1185.2	1140.6
75°	997.2	980.8	954.1	927.3	937.0	947.4	955.6	964.5	943.7	919.9	866.4
77.5°	786.9	771.3	746.8	722.2	734.1	744.5	764.6	783.9	780.2	711.8	653.9
80°	570.7	564.7	546.9	529.0	538.0	546.1	570.7	594.4	598.1	501.6	441.4
82.5°	334.4	341.8	345.5	349.2	355.2	360.4	360.4	360.4	345.5	291.3	261.6
85°	140.4	142.7	154.6	165.0	173.9	182.0	181.3	179.8	170.9	141.2	121.9
87.5°	73.6	75.8	72.8	68.4	65.4	60.9	56.5	52.0	44.6	40.9	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: P1364974
CATALOG NUMBER: GSS-SB4D-730-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	4844.6	4844.6	4844.6	4844.6	4844.6	4844.6	4844.6
2.5°	4967.2	5011.1	5054.2	5097.3	5140.4	5187.2	5234.7
5°	5078.7	5164.2	5249.6	5336.5	5424.2	5507.4	5591.4
7.5°	5165.6	5284.5	5403.4	5536.4	5669.4	5810.6	5951.8
10°	5216.2	5363.3	5509.7	5675.4	5840.3	6009.7	6178.4
12.5°	5259.3	5423.5	5587.7	5772.7	5957.7	6125.7	6293.6
15°	5279.3	5456.9	5633.8	5821.7	6009.7	6179.1	6349.3
17.5°	5242.2	5443.5	5645.6	5846.3	6046.9	6205.2	6364.2
20°	5186.4	5423.5	5660.5	5876.0	6091.5	6252.0	6412.5
22.5°	5118.1	5407.9	5697.7	5933.9	6171.0	6317.4	6464.5
25°	5037.8	5406.4	5774.9	6033.5	6292.1	6419.2	6546.2
27.5°	4952.4	5420.5	5888.6	6179.1	6470.4	6567.8	6665.1
30°	4880.3	5451.0	6022.4	6351.5	6680.0	6755.8	6832.3
32.5°	4803.8	5485.1	6167.3	6554.4	6941.5	6989.1	7036.6
35°	4677.5	5477.0	6277.2	6769.9	7263.2	7322.7	7382.1
37.5°	4521.4	5453.9	6386.5	7032.9	7679.4	7749.9	7820.5
40°	4324.5	5401.9	6479.3	7333.8	8188.3	8328.0	8467.0
42.5°	4075.6	5312.0	6547.7	7666.7	8784.3	9079.2	9373.5
45°	3819.2	5250.3	6681.4	8118.5	9555.5	10027.4	10499.2
47.5°	3572.6	5178.3	6784.0	8582.9	10381.8	10979.2	11576.6
50°	3340.0	5055.7	6770.6	8987.9	11205.1	12015.0	12824.9
52.5°	3104.4	4804.5	6505.3	9179.6	11853.0	13140.0	14426.2
55°	2884.5	4471.6	6057.3	9129.0	12200.8	14270.1	16339.5
57.5°	2688.3	4123.1	5558.0	8853.4	12148.8	15219.0	18290.0
60°	2513.0	3682.5	4852.1	8192.8	11533.5	15644.0	19753.8
62.5°	2281.1	3123.8	3966.4	7110.2	10254.0	14701.1	19148.2
65°	*2009.9*	*2455.0*	*2899.4*	*5577.3*	*8255.2*	*12680.0*	*17104.9*
67.5°	1665.9	1876.9	2088.0	4340.1	6592.3	10890.0	15187.8
70°	1352.3	1426.6	1500.9	3325.9	5150.8	9251.6	13352.5
72.5°	1096.0	1096.7	1098.2	2500.3	3902.5	7682.3	11461.4
75°	813.6	818.1	823.3	1853.2	2883.0	6133.8	9384.6
77.5°	595.9	592.9	588.5	1197.8	1807.1	4024.3	6241.6
80°	380.4	377.5	373.0	662.1	951.1	2307.1	3663.2
82.5°	231.8	231.1	230.3	355.9	481.5	1156.2	1831.6
85°	102.5	97.3	92.9	112.9	133.7	274.9	416.1
87.5°	33.4	31.2	29.7	30.5	31.2	32.7	33.4
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: SP1-2407-184-4

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-730-U-5WQ

Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

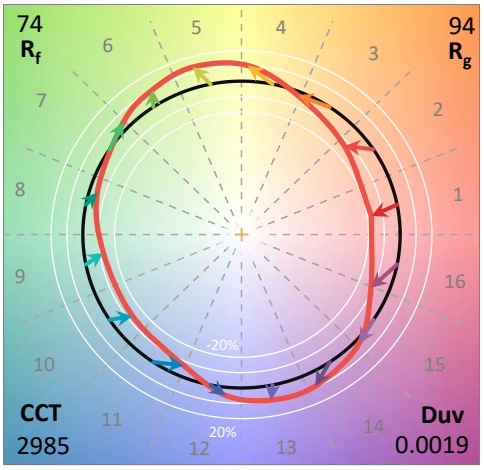
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-4
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-730-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K):	2985
CIE u':	0.2504
CIE v':	0.5243
Duv:	0.0019
CIE x:	0.4408
CIE y:	0.4101
CIE z:	0.1491
Peak Wavelength (nm):	595
Dominant Wavelength (nm):	582
Purity:	55.41818
Rf:	73.8
Rg:	94.4

CRI (Ra):	70.8
R1:	66.3
R2:	80.6
R3:	94.5
R4:	68.2
R5:	66.5
R6:	74.7
R7:	76.2
R8:	39.6
R9:	-43.2
R10:	57.6
R11:	64.8
R12:	53.5
R13:	68.7
R14:	97.0
R15:	56.4



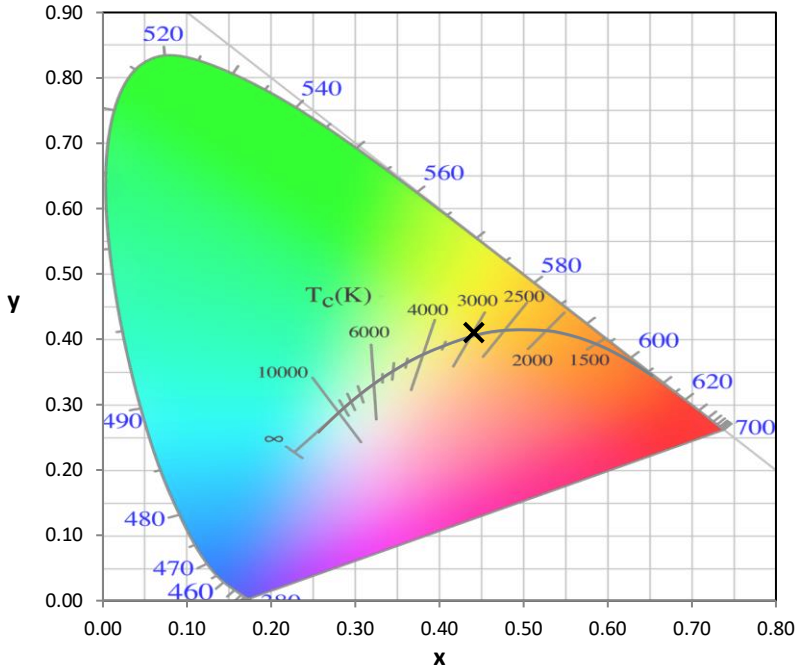
Test Conditions

Stabilization Time:	36M
Operation Time:	1H 36M
Sphere Temperature (°C):	25.2

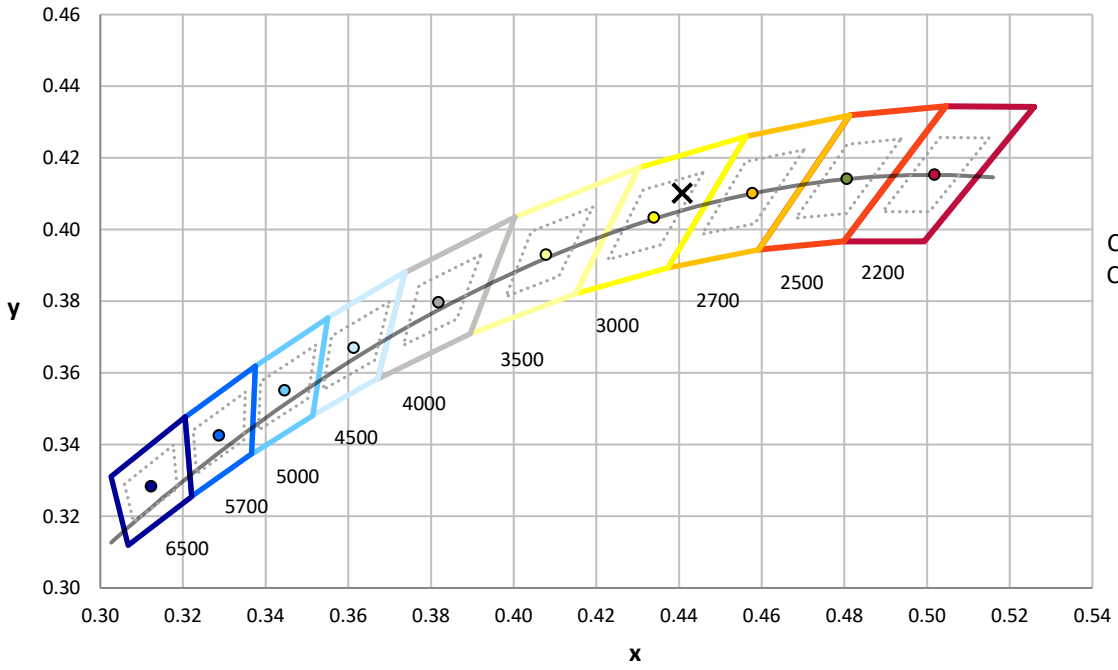
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

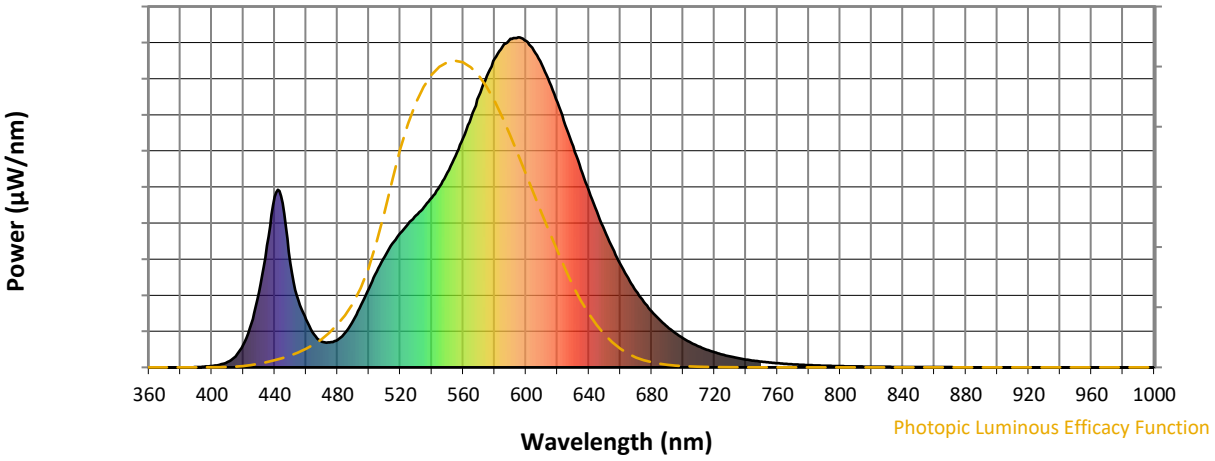


CCT = 2985K
CIE x = 0.4408
CIE y = 0.4101
Duv = 0.0019

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

Photopic Flux vs. Wavelength

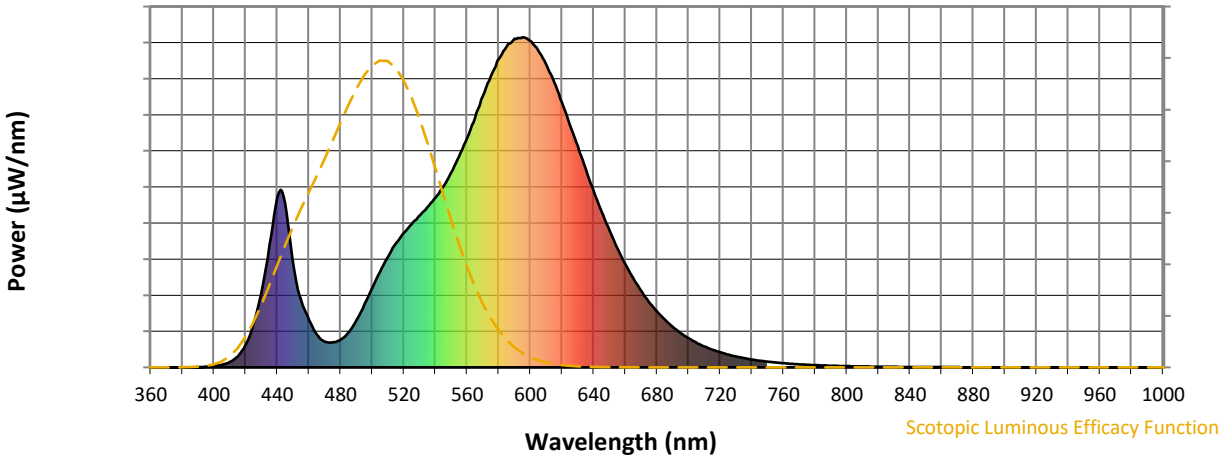


Photopic Lumens: NR

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

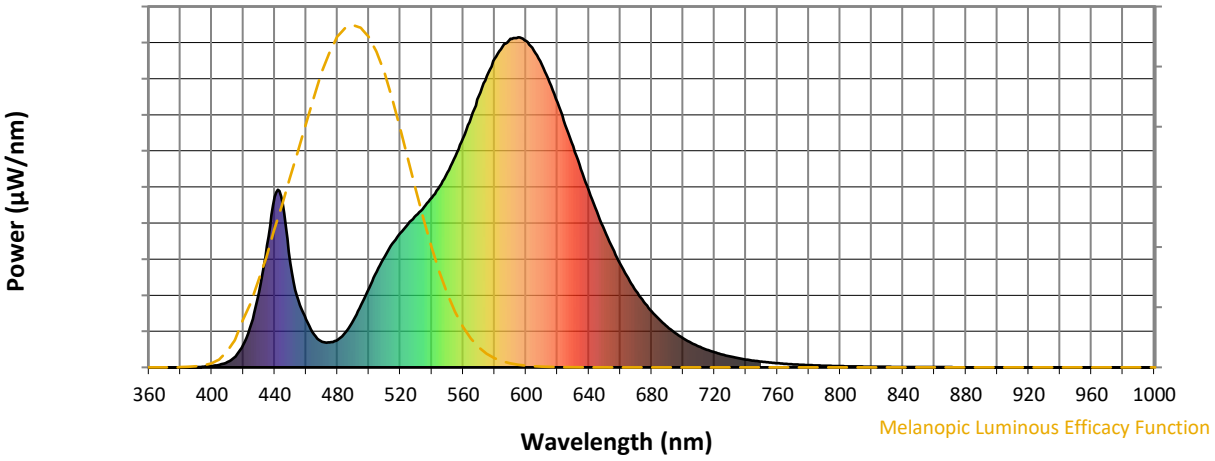


Scotopic Lumens: NR **S/P: 1.19**

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.13**

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

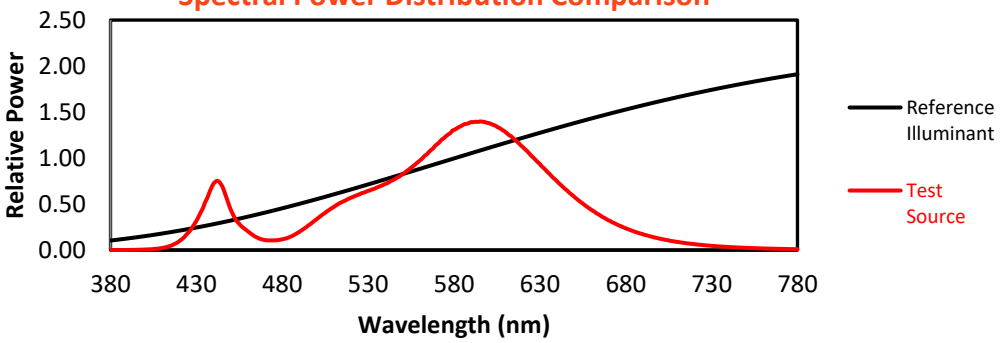
REPORT NUMBER: SP1-2407-184-4

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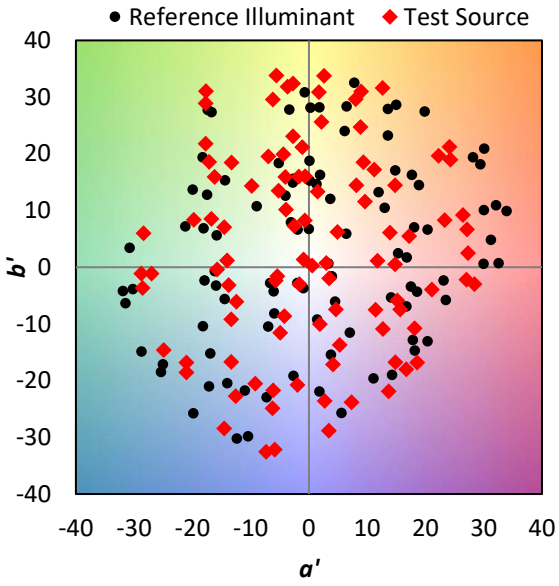
Summary

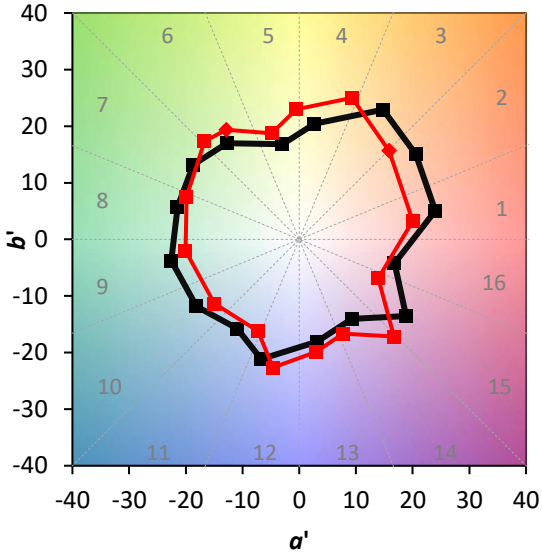
R_f = 73.8
R_g = 94.4
CIE R_a = 70.8
R_9 = -43.2

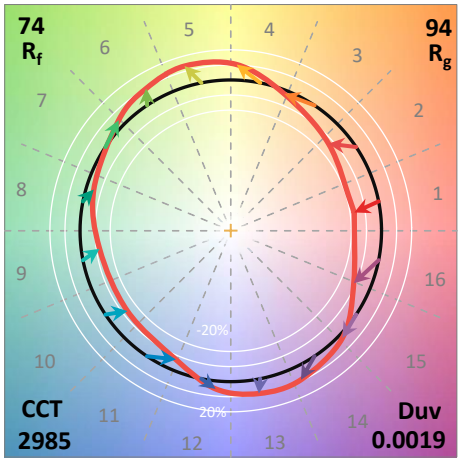
Spectral Power Distribution Comparison

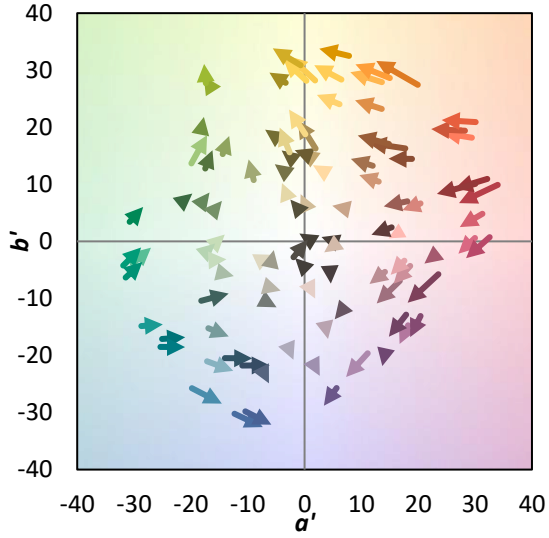


Color Vector Graphics







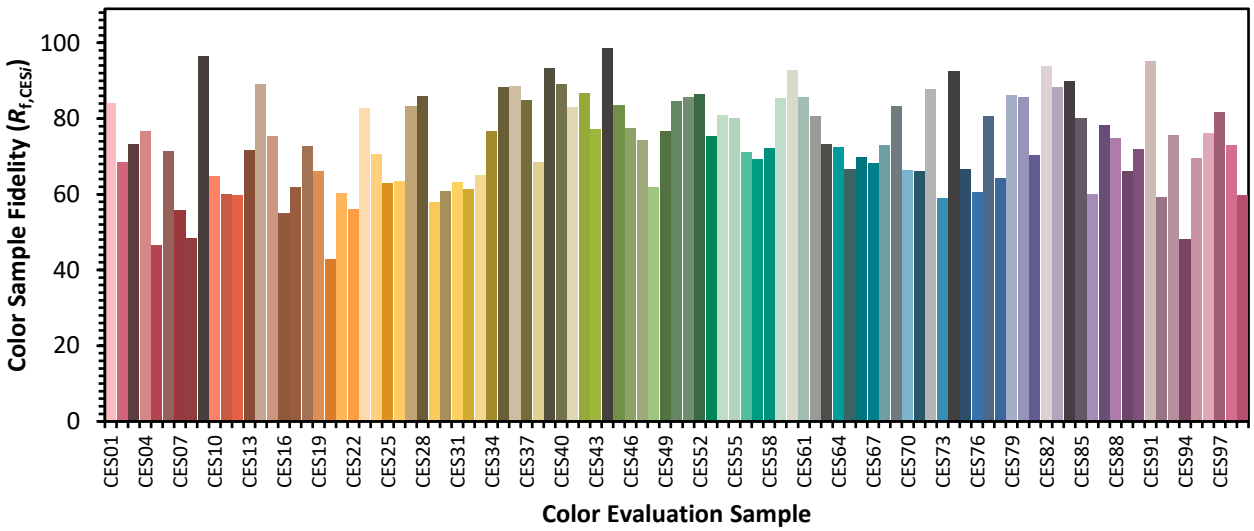


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Individual Sample Fidelity Index ($R_{f,i}$)

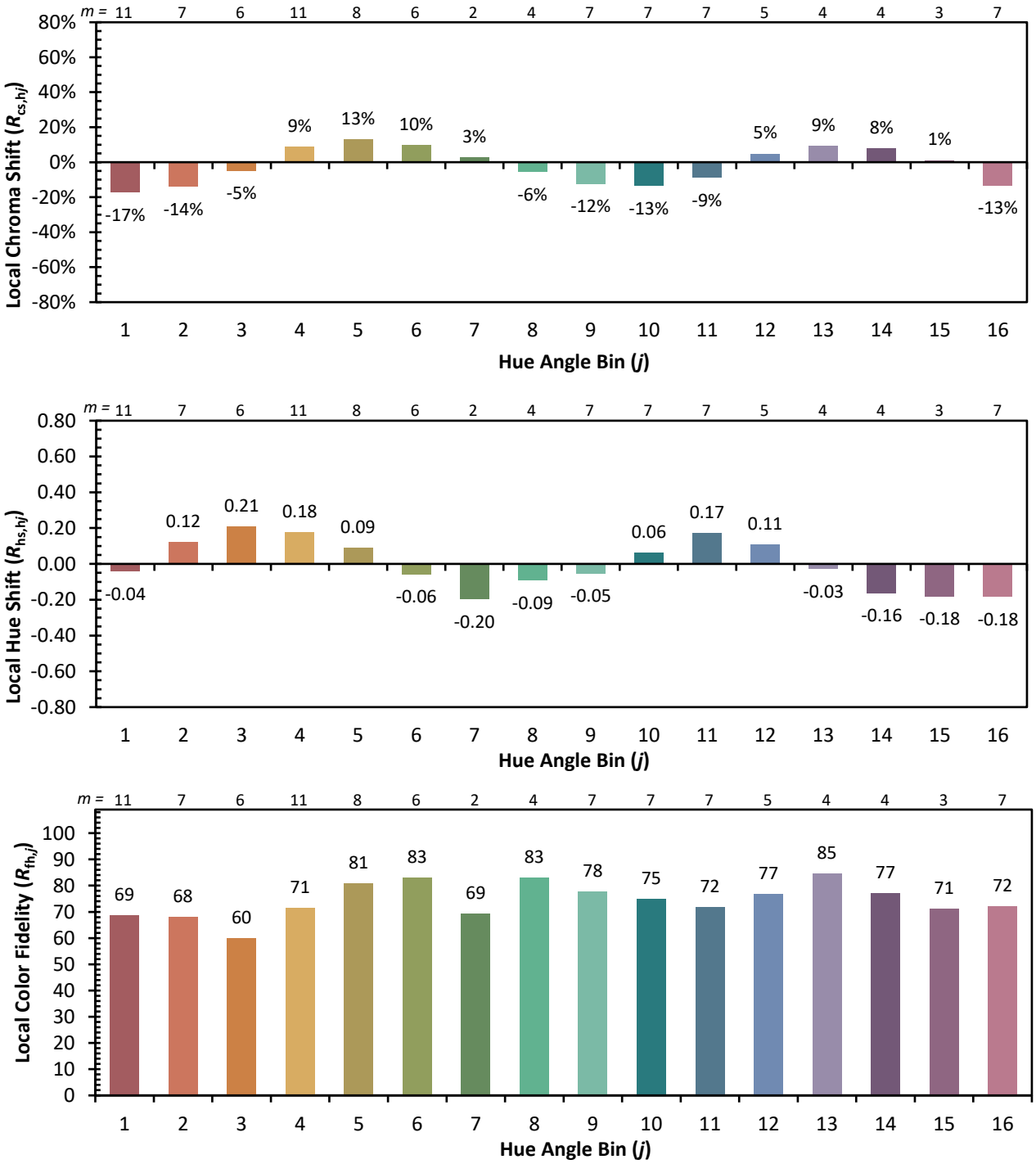
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 94
CES08 = 40	CES33 = 65	CES58 = 72	CES83 = 88
CES09 = 29	CES34 = 77	CES59 = 85	CES84 = 90
CES10 = 76	CES35 = 88	CES60 = 93	CES85 = 80
CES11 = 59	CES36 = 89	CES61 = 86	CES86 = 60
CES12 = 65	CES37 = 85	CES62 = 81	CES87 = 78
CES13 = 43	CES38 = 69	CES63 = 73	CES88 = 75
CES14 = 74	CES39 = 93	CES64 = 72	CES89 = 66
CES15 = 71	CES40 = 89	CES65 = 67	CES90 = 72
CES16 = 47	CES41 = 83	CES66 = 70	CES91 = 95
CES17 = 50	CES42 = 87	CES67 = 68	CES92 = 59
CES18 = 56	CES43 = 77	CES68 = 73	CES93 = 76
CES19 = 73	CES44 = 99	CES69 = 83	CES94 = 48
CES20 = 66	CES45 = 83	CES70 = 66	CES95 = 70
CES21 = 87	CES46 = 77	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 74	CES72 = 88	CES97 = 82
CES23 = 92	CES48 = 62	CES73 = 59	CES98 = 73
CES24 = 91	CES49 = 77	CES74 = 93	CES99 = 60
CES25 = 73	CES50 = 85	CES75 = 67	



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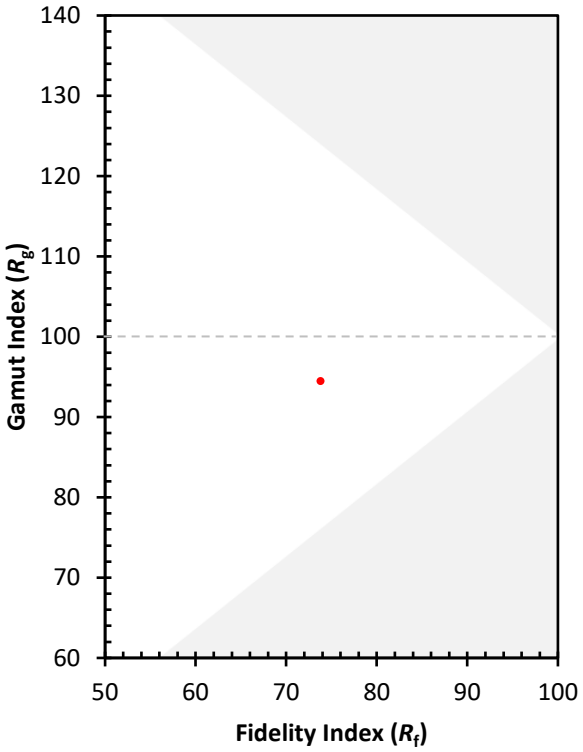
Color Rendition by Hue-Angle Bin

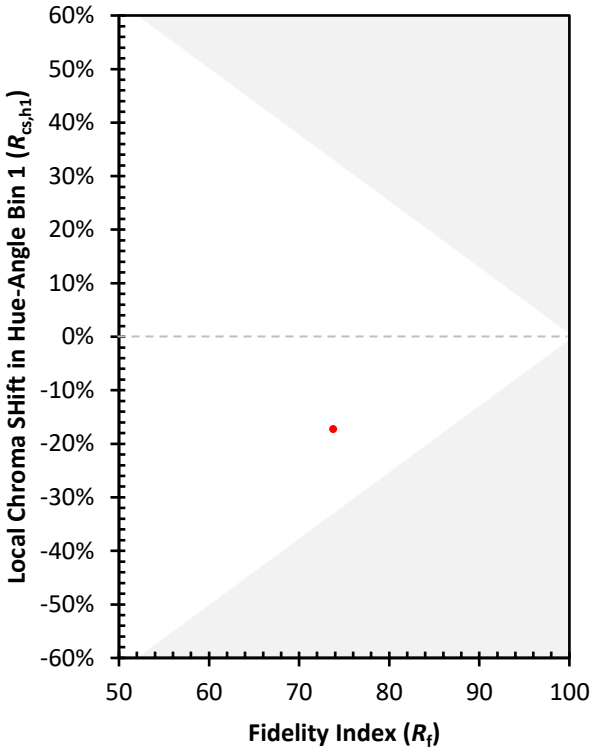


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Measure Comparisons





(END OF REPORT)