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: P1364949

Luminaire Tested: **GSS-SB4C-727-U-SLL**

Issue Date: 02/18/2026

Report Generated By 670245763

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P1364949
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4C-727-U-SLL
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 204W 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:	25475.8 lumens
Efficiency:	N/A
Efficacy:	124.9 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - U0 - G4

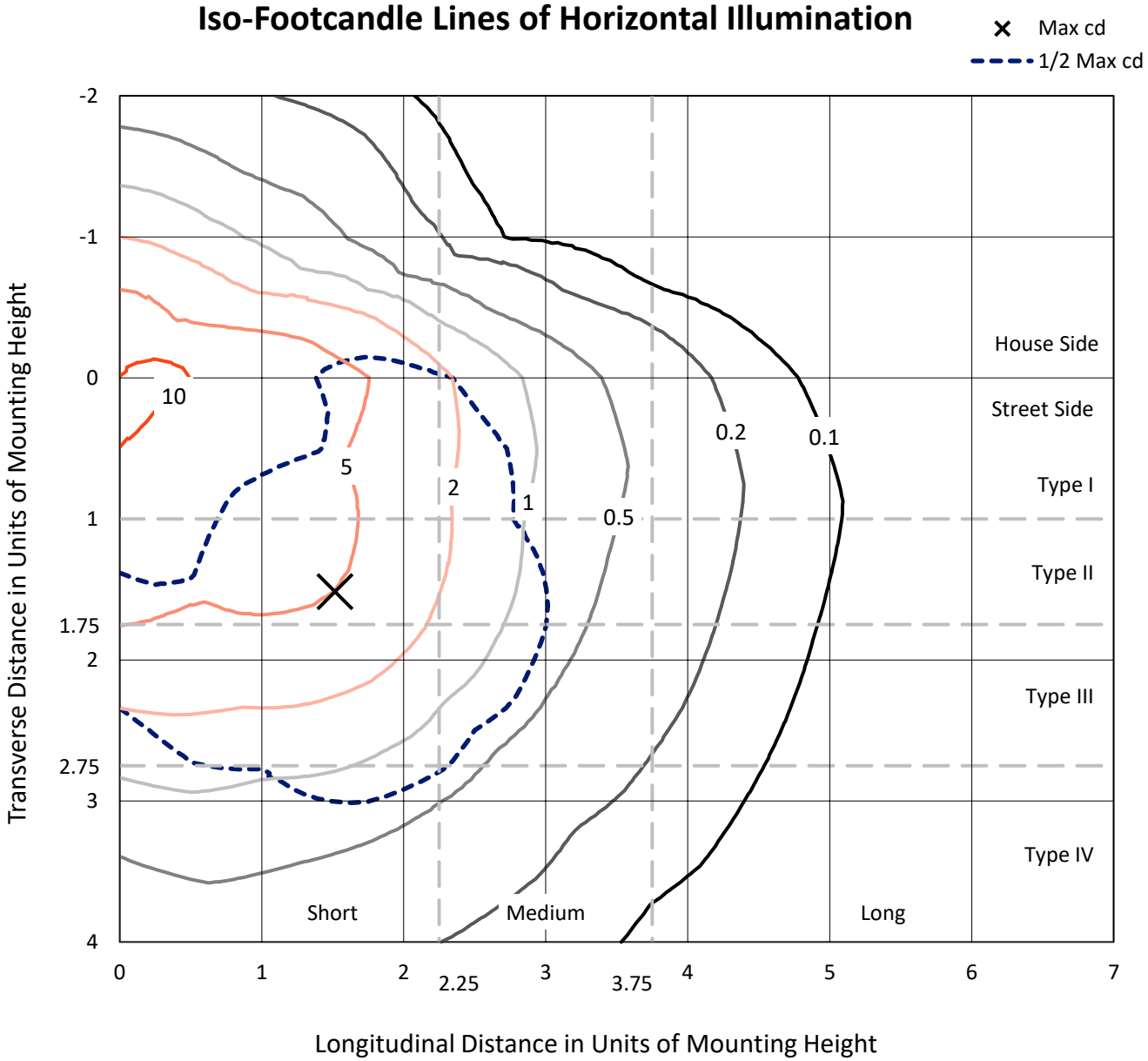
Input Watts (W):	204
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	9.5%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination



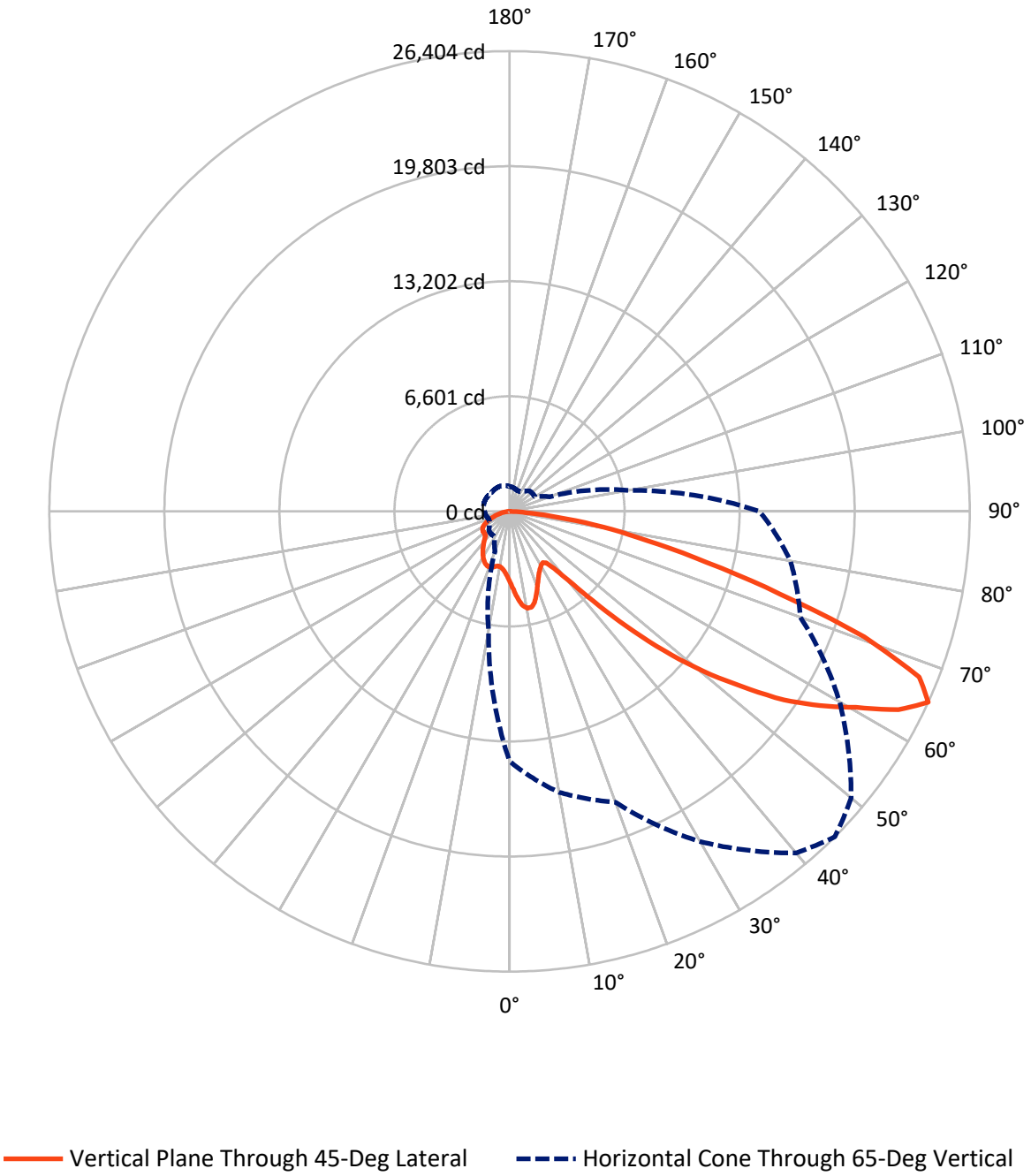
Based on 20 foot mounting height. Maximum calculated value = 13.5 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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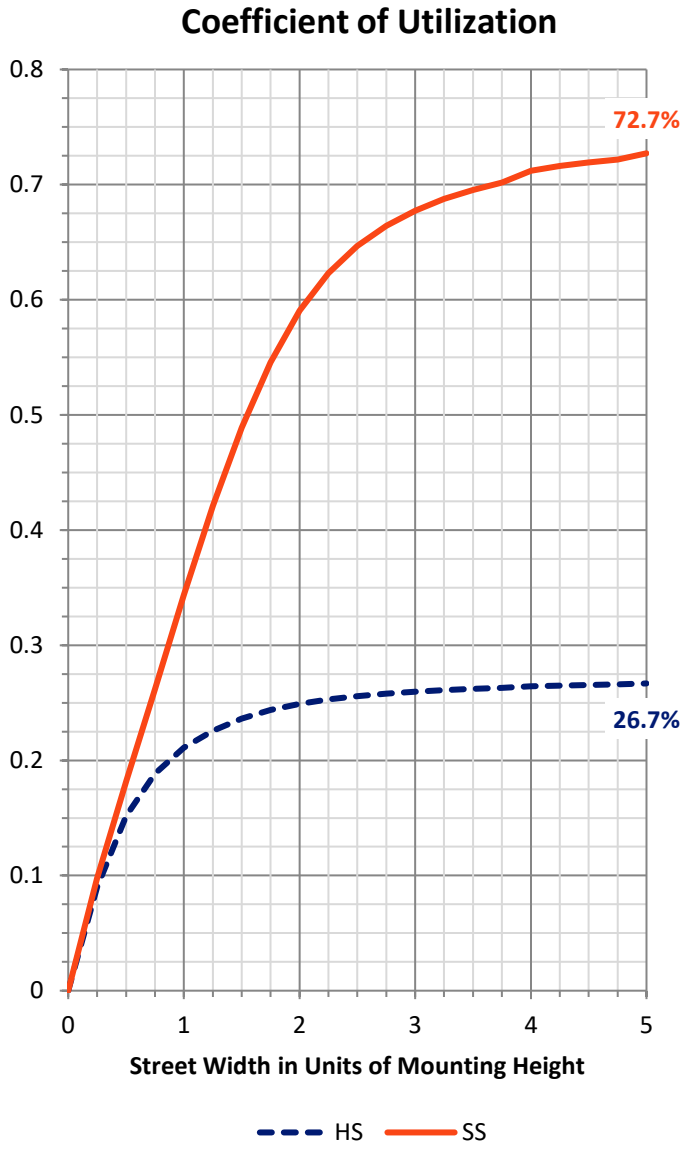
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6853.6	0.0	6853.6
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	18622.3	0.0	18622.3
	% Fixture	73.1	0.0	73.1
Total	Lumens	25475.8	0.0	25475.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	401.1	1.6
10°-20°	1229.2	4.8
20°-30°	1902.4	7.5
30°-40°	2360.2	9.3
40°-50°	3451.4	13.5
50°-60°	5406.2	21.2
60°-70°	6414.8	25.2
70°-80°	3741.4	14.7
80°-90°	569.2	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°	25475.8	100.0
0°-180°	25475.8	100.0



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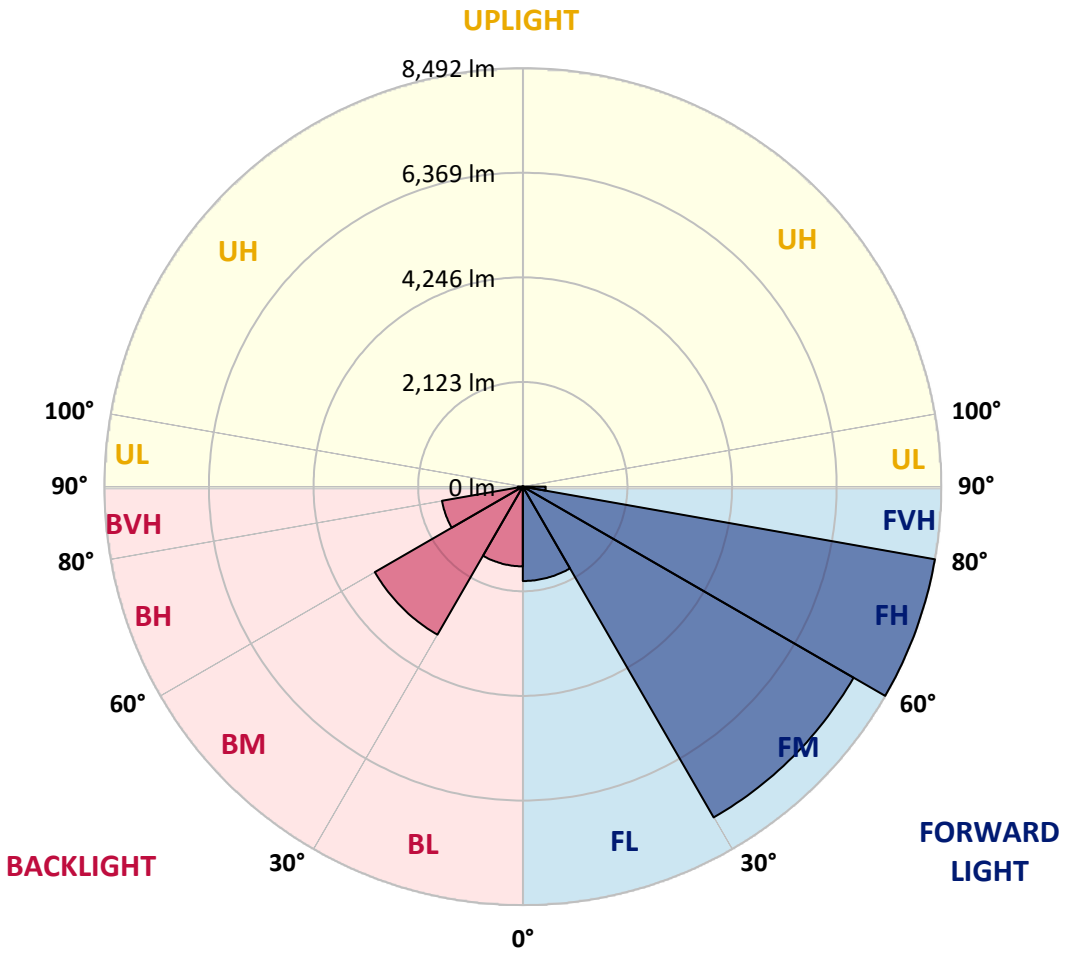
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1914.7	7.5			
FM	(30°-60°)	7750.3	30.4			
FH	(60°-80°)	8491.8	33.3			G4/12000
FVH	(80°-90°)	465.5	1.8			G3/500
BL	(0°-30°)	1617.9	6.4	B3/2500		
BM	(30°-60°)	3467.5	13.6	B3/5000		
BH	(60°-80°)	1664.4	6.5	B3/2500		G3/2500
BVH	(80°-90°)	103.7	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°	4062.2	4062.2	4062.2	4062.2	4062.2	4062.2	4062.2	4062.2	4062.2	*4062.2*	4062.2
2.5°	4389.3	4404.8	4420.4	4437.2	4454.7	4464.6	4474.6	4485.2	4495.2	*4504.5*	4495.2
5°	4688.3	4758.7	4828.5	4875.8	4923.2	4959.3	4995.5	5016.0	5037.2	*5040.3*	5037.2
7.5°	4990.5	5074.0	5157.5	5229.7	5302.0	5348.1	5394.2	5421.0	5448.4	*5457.8*	5448.4
10°	5180.5	5278.3	5376.8	5446.5	5516.9	5559.9	5602.3	5623.5	5644.7	*5650.9*	5644.7
12.5°	5277.1	5371.2	5465.2	5519.4	5573.0	5600.4	5627.2	5637.2	5645.9	*5638.4*	5645.9
15°	5323.8	5379.3	5434.1	5457.1	5479.6	5466.5	5452.8	5433.5	5414.1	*5401.7*	5414.1
17.5°	5336.3	5355.6	5375.5	5333.8	5292.7	5217.9	5143.1	5087.1	5031.0	*4990.5*	5031.0
20°	5376.8	5345.6	5314.5	5203.6	5093.3	4953.1	4812.9	4718.8	4624.1	*4566.8*	4624.1
22.5°	5420.4	5332.5	5244.7	5058.4	4872.1	4680.2	4488.9	4380.5	4272.8	*4211.7*	4272.8
25°	5488.9	5338.1	5186.7	4935.0	4684.0	4458.4	4233.5	4115.7	3998.6	*3931.3*	3998.6
27.5°	5588.6	5358.1	5127.6	4816.0	4504.5	4260.3	4015.4	3903.3	3791.1	*3732.0*	3791.1
30°	5728.8	5422.9	5116.3	4743.8	4370.6	4115.1	3859.7	3750.0	3639.8	*3576.2*	3639.8
32.5°	5900.1	5513.8	5127.6	4710.1	4292.7	4032.3	3772.5	3667.2	3562.5	*3507.7*	3562.5
35°	6189.8	5700.7	5211.7	4748.7	4286.5	4044.7	3803.6	3726.4	3649.7	*3619.8*	3649.7
37.5°	6557.4	5986.1	5414.1	4937.5	4460.9	4296.4	4131.9	4131.9	4131.9	*4155.6*	4131.9
40°	7099.4	6457.7	5816.0	5364.9	4914.5	4904.5	4895.8	5000.5	5105.7	*5152.5*	5105.7
42.5°	7859.5	7181.1	6503.2	6139.4	5775.5	5993.6	6211.6	6514.4	6817.2	*7015.3*	6817.2
45°	8803.4	8143.0	7482.6	7228.4	6974.8	7460.2	7944.9	8480.1	9015.3	*9395.3*	9015.3
47.5°	9706.8	9151.1	8594.7	8449.6	8305.0	9111.8	9918.7	10703.1	11487.5	*11949.8*	11487.5
50°	10753.5	10253.9	9753.6	9725.5	9697.5	10772.2	11847.0	12859.4	13871.8	*14435.7*	13871.8
52.5°	12096.2	11547.3	10997.8	11020.2	11041.4	12318.0	13594.6	14818.8	16043.1	*16678.6*	16043.1
55°	13700.5	13012.0	12323.6	12319.8	12316.1	13782.7	15250.6	16754.6	18259.8	*19108.4*	18259.8
57.5°	15335.9	14691.1	14046.3	13893.0	13739.1	15273.0	16806.3	18467.3	20128.9	*21021.1*	20128.9
60°	16563.3	16208.2	15853.0	15607.6	15362.7	16937.7	18513.4	20229.2	21944.4	*22834.1*	21944.4
62.5°	16055.5	16690.4	17325.3	17307.2	17289.1	18989.4	20689.6	22474.0	24259.6	*25058.3*	24259.6
65°	*14342.2*	*15354.6*	*16367.1*	*17063.6*	*17759.5*	*19814.9*	*21869.7*	*23728.8*	*25587.9*	*26404.1*	*25587.9*
67.5°	12734.8	13627.0	14519.8	15089.8	15659.9	17975.7	20292.2	22401.7	24511.3	*25351.2*	24511.3
70°	11195.9	12184.0	13172.1	13579.6	13987.1	15954.6	17921.5	19590.6	21259.1	*21588.1*	21259.1
72.5°	9610.3	10785.3	11961.0	12133.5	12306.1	13737.9	15169.6	16058.6	16947.7	*16230.0*	16947.7
75°	7868.9	9194.7	10519.9	10635.2	10750.4	11196.5	11643.2	11869.4	12096.2	*11688.1*	12096.2
77.5°	5233.5	6381.1	7529.3	7787.9	8046.5	8343.6	8641.5	8625.9	8610.3	*8037.1*	8610.3
80°	3071.5	3969.3	4867.1	4900.8	4934.4	5157.5	5379.9	5607.3	5834.7	*5470.2*	5834.7
82.5°	1535.8	2028.6	2522.0	2598.0	2674.1	2810.5	2946.9	3010.5	3074.7	*2766.3*	3074.7
85°	348.9	477.2	605.6	729.6	853.6	996.9	1140.1	1123.9	1107.8	*934.5*	1107.8
87.5°	28.0	28.7	29.9	30.5	31.2	31.8	32.4	34.3	36.1	*37.4*	36.1
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°	4062.2	4062.2	4062.2	4062.2	4062.2	4062.2	4062.2	4062.2	4062.2	4062.2	4062.2
2.5°	4485.2	4474.6	4464.6	4454.7	4437.2	4420.4	4404.8	4389.3	4349.4	4310.1	4274.0
5°	5016.0	4995.5	4959.3	4923.2	4875.8	4828.5	4758.7	4688.3	4617.9	4548.1	4474.6
7.5°	5421.0	5394.2	5348.1	5302.0	5229.7	5157.5	5074.0	4990.5	4872.1	4753.7	4642.2
10°	5623.5	5602.3	5559.9	5516.9	5446.5	5376.8	5278.3	5180.5	5039.1	4897.0	4758.7
12.5°	5637.2	5627.2	5600.4	5573.0	5519.4	5465.2	5371.2	5277.1	5136.3	4995.5	4840.3
15°	5433.5	5452.8	5466.5	5479.6	5457.1	5434.1	5379.3	5323.8	5181.1	5039.1	4881.5
17.5°	5087.1	5143.1	5217.9	5292.7	5333.8	5375.5	5355.6	5336.3	5202.9	5070.2	4902.0
20°	4718.8	4812.9	4953.1	5093.3	5203.6	5314.5	5345.6	5376.8	5242.2	5107.6	4926.9
22.5°	4380.5	4488.9	4680.2	4872.1	5058.4	5244.7	5332.5	5420.4	5297.0	5174.3	4975.5
25°	4115.7	4233.5	4458.4	4684.0	4935.0	5186.7	5338.1	5488.9	5382.4	5275.8	5059.0
27.5°	3903.3	4015.4	4260.3	4504.5	4816.0	5127.6	5358.1	5588.6	5507.0	5425.4	5181.1
30°	3750.0	3859.7	4115.1	4370.6	4743.8	5116.3	5422.9	5728.8	5664.6	5601.1	5325.7
32.5°	3667.2	3772.5	4032.3	4292.7	4710.1	5127.6	5513.8	5900.1	5860.2	5820.4	5495.8
35°	3726.4	3803.6	4044.7	4286.5	4748.7	5211.7	5700.7	6189.8	6140.0	6090.1	5676.4
37.5°	4131.9	4131.9	4296.4	4460.9	4937.5	5414.1	5986.1	6557.4	6498.2	6439.0	5897.0
40°	5000.5	4895.8	4904.5	4914.5	5364.9	5816.0	6457.7	7099.4	6982.9	6865.8	6149.3
42.5°	6514.4	6211.6	5993.6	5775.5	6139.4	6503.2	7181.1	7859.5	7612.8	7365.5	6428.4
45°	8480.1	7944.9	7460.2	6974.8	7228.4	7482.6	8143.0	8803.4	8407.8	8012.2	6807.2
47.5°	10703.1	9918.7	9111.8	8305.0	8449.6	8594.7	9151.1	9706.8	9205.9	8705.0	7196.6
50°	12859.4	11847.0	10772.2	9697.5	9725.5	9753.6	10253.9	10753.5	10074.4	9395.3	7536.2
52.5°	14818.8	13594.6	12318.0	11041.4	11020.2	10997.8	11547.3	12096.2	11017.7	9938.6	7696.9
55°	16754.6	15250.6	13782.7	12316.1	12319.8	12323.6	13012.0	13700.5	11965.3	10230.2	7654.6
57.5°	18467.3	16806.3	15273.0	13739.1	13893.0	14046.3	14691.1	15335.9	12760.9	10186.6	7423.4
60°	20229.2	18513.4	16937.7	15362.7	15607.6	15853.0	16208.2	16563.3	13117.3	9670.7	6869.6
62.5°	22474.0	20689.6	18989.4	17289.1	17307.2	17325.3	16690.4	16055.5	12326.7	8597.8	5961.8
65°	*23728.8*	*21869.7*	*19814.9*	*17759.5*	*17063.6*	*16367.1*	*15354.6*	*14342.2*	*10632.0*	*6921.9*	*4676.5*
67.5°	22401.7	20292.2	17975.7	15659.9	15089.8	14519.8	13627.0	12734.8	9131.2	5527.5	3639.1
70°	19590.6	17921.5	15954.6	13987.1	13579.6	13172.1	12184.0	11195.9	7757.4	4318.9	2788.7
72.5°	16058.6	15169.6	13737.9	12306.1	12133.5	11961.0	10785.3	9610.3	6441.5	3272.2	2096.5
75°	11869.4	11643.2	11196.5	10750.4	10635.2	10519.9	9194.7	7868.9	5143.1	2417.4	1553.8
77.5°	8625.9	8641.5	8343.6	8046.5	7787.9	7529.3	6381.1	5233.5	3374.3	1515.2	1004.3
80°	5607.3	5379.9	5157.5	4934.4	4900.8	4867.1	3969.3	3071.5	1934.5	797.5	555.1
82.5°	3010.5	2946.9	2810.5	2674.1	2598.0	2522.0	2028.6	1535.8	969.4	403.7	298.4
85°	1123.9	1140.1	996.9	853.6	729.6	605.6	477.2	348.9	230.5	112.1	94.7
87.5°	34.3	32.4	31.8	31.2	30.5	29.9	28.7	28.0	27.4	26.2	25.5
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°	4062.2	4062.2	4062.2	4062.2	4062.2	4062.2	4062.2	4062.2	4062.2	4062.2	4062.2
2.5°	4237.9	4201.7	4165.0	4130.1	4094.6	4059.1	4027.9	3994.3	3961.2	3935.1	3909.5
5°	4401.7	4330.1	4258.4	4190.5	4123.2	4052.8	3992.4	3932.6	3874.0	3825.4	3776.8
7.5°	4530.7	4431.0	4331.3	4242.2	4152.5	4059.1	3986.2	3913.3	3841.0	3778.1	3714.5
10°	4619.8	4497.0	4373.7	4270.9	4168.1	4068.4	3990.5	3913.9	3837.9	3773.1	3708.3
12.5°	4685.2	4547.5	4409.8	4296.4	4183.7	4074.6	3998.6	3935.1	3872.1	3826.7	3781.8
15°	4723.8	4575.5	4426.6	4298.9	4171.2	4049.7	3982.4	3941.3	3900.2	3896.4	3892.7
17.5°	4733.8	4564.3	4395.5	4246.6	4098.3	3956.3	3898.9	3893.3	3887.7	3949.4	4011.1
20°	4746.3	4547.5	4348.8	4153.1	3957.5	3769.3	3733.2	3768.7	3803.6	3924.5	4044.7
22.5°	4777.4	4534.4	4291.4	4046.0	3800.5	3576.2	3541.9	3594.3	3646.0	3803.6	3961.2
25°	4842.2	4533.2	4224.2	3918.2	3612.3	3355.0	3351.9	3408.6	3465.3	3611.1	3756.9
27.5°	4937.5	4545.0	4152.5	3787.4	3421.7	3158.8	3174.3	3228.6	3283.4	3391.8	3500.2
30°	5049.7	4570.6	4092.1	3673.4	3255.3	2999.9	3016.7	3059.1	3101.5	3180.0	3258.5
32.5°	5171.2	4599.2	4027.9	3573.7	3120.1	2884.6	2884.6	2902.7	2920.8	2971.9	3023.0
35°	5263.4	4592.4	3922.0	3460.3	2998.0	2816.1	2777.5	2762.5	2747.6	2781.2	2814.9
37.5°	5355.0	4573.1	3791.1	3334.5	2878.4	2735.1	2661.6	2621.7	2580.6	2596.8	2611.8
40°	5432.8	4529.4	3626.0	3184.3	2742.6	2629.2	2537.0	2477.2	2417.4	2416.1	2414.2
42.5°	5490.2	4454.1	3417.3	3005.5	2593.1	2513.9	2399.9	2323.9	2247.9	2239.8	2231.7
45°	5602.3	4402.3	3202.4	2823.6	2445.4	2373.8	2260.4	2181.9	2104.6	2092.1	2079.7
47.5°	5688.3	4341.9	2995.5	2642.9	2291.5	2208.6	2102.7	2036.1	1968.8	1961.3	1953.2
50°	5677.1	4239.1	2800.5	2482.2	2163.2	2049.8	1945.1	1890.3	1834.8	1844.2	1853.5
52.5°	5454.6	4028.5	2603.0	2337.6	2073.5	1928.3	1816.1	1775.0	1733.3	1762.6	1791.2
55°	5079.0	3749.4	2418.6	2216.7	2013.6	1869.1	1737.0	1690.9	1644.8	1685.9	1727.0
57.5°	4660.3	3457.2	2254.1	2114.6	1975.0	1853.5	1691.5	1626.7	1562.6	1603.7	1644.8
60°	4068.4	3087.7	2107.1	2009.3	1911.5	1816.1	1654.1	1573.2	1492.2	1519.6	1546.4
62.5°	3325.7	2619.2	1912.7	1857.9	1803.7	1763.2	1608.7	1502.8	1396.8	1400.6	1403.1
65°	*2431.1*	*2058.5*	*1685.3*	*1673.5*	*1662.2*	*1651.0*	*1523.3*	*1409.3*	*1295.9*	*1283.4*	*1271.0*
67.5°	1750.7	1573.8	1396.8	1429.9	1462.9	1479.7	1392.5	1292.2	1191.2	1165.7	1140.1
70°	1258.5	1196.2	1133.9	1183.1	1232.4	1227.4	1185.0	1125.2	1065.4	1049.2	1033.0
72.5°	920.8	919.6	919.0	956.4	993.7	943.9	970.7	957.0	943.9	932.1	920.8
75°	690.3	686.0	682.2	726.5	771.3	791.3	808.7	801.2	794.4	785.6	777.5
77.5°	493.4	497.2	499.7	548.3	596.9	654.2	657.3	641.1	624.3	615.6	605.6
80°	312.8	316.5	319.0	370.1	420.5	501.5	498.4	478.5	457.9	451.1	443.6
82.5°	193.1	193.8	194.4	219.3	244.2	289.7	302.2	302.2	302.2	297.8	292.8
85°	77.9	81.6	86.0	102.2	118.4	143.3	150.8	152.0	152.6	145.8	138.3
87.5°	24.9	26.2	28.0	31.2	34.3	37.4	43.6	47.4	51.1	54.8	57.3
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: P1364949
CATALOG NUMBER: GSS-SB4C-727-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	4062.2	4062.2	4062.2	4062.2	4062.2	4062.2	4062.2	4062.2	4062.2	4062.2	4062.2
2.5°	3887.1	3864.0	3837.3	3809.8	3790.5	3770.6	3757.5	3744.4	3738.2	3732.0	3727.0
5°	3736.9	3695.8	3659.7	3622.9	3594.3	3565.0	3541.3	3517.0	3507.0	3496.5	3489.6
7.5°	3660.9	3607.4	3562.5	3517.0	3474.0	3431.7	3404.2	3376.8	3360.6	3344.4	3332.6
10°	3651.6	3594.9	3535.7	3476.5	3429.2	3381.8	3340.7	3300.8	3277.8	3255.3	3242.9
12.5°	3729.5	3677.1	3606.7	3535.7	3471.5	3408.0	3357.5	3307.1	3278.4	3251.0	3232.3
15°	3874.6	3856.6	3791.1	3725.7	3637.3	3548.2	3475.9	3403.0	3363.1	3322.0	3299.0
17.5°	4046.6	4082.1	4036.6	3990.5	3865.9	3741.3	3633.5	3526.4	3467.8	3409.2	3388.7
20°	4140.7	4236.6	4231.6	4227.3	4064.7	3901.4	3760.0	3618.6	3540.1	3462.8	3431.7
22.5°	4099.6	4237.9	4273.4	4308.3	4148.8	3988.7	3814.2	3639.8	3547.5	3454.7	3425.4
25°	3905.8	4054.7	4120.7	4186.8	4055.3	3923.9	3754.4	3585.5	3488.4	3390.5	3360.6
27.5°	3619.8	3739.4	3813.6	3887.7	3807.3	3727.0	3589.9	3452.8	3366.9	3280.3	3248.5
30°	3339.5	3420.4	3479.6	3538.8	3485.9	3432.9	3334.5	3236.7	3172.5	3108.9	3089.0
32.5°	3083.4	3143.2	3176.2	3208.6	3167.5	3126.4	3061.6	2996.8	2956.9	2917.0	2904.0
35°	2863.5	2912.7	2937.6	2962.5	2928.3	2894.0	2836.0	2778.7	2750.1	2721.4	2710.8
37.5°	2653.5	2694.6	2730.1	2766.3	2741.3	2716.4	2667.2	2618.0	2584.3	2549.4	2530.8
40°	2454.1	2493.4	2538.2	2582.5	2578.1	2573.1	2526.4	2479.7	2431.1	2383.1	2357.6
42.5°	2271.0	2310.2	2357.6	2404.9	2414.2	2423.6	2385.0	2345.7	2289.6	2233.6	2194.3
45°	2113.3	2148.2	2199.9	2252.3	2274.1	2295.9	2261.0	2225.5	2162.5	2099.6	2052.9
47.5°	1988.7	2024.9	2082.2	2140.1	2163.2	2186.8	2163.2	2140.1	2085.9	2031.1	1990.0
50°	1892.8	1931.4	1976.3	2021.7	2064.7	2107.1	2102.7	2098.4	2055.4	2012.4	1973.8
52.5°	1826.7	1862.9	1909.6	1956.3	2001.2	2046.7	2053.5	2061.0	2029.8	1998.7	1965.0
55°	1770.0	1813.0	1856.6	1900.2	1942.6	1984.4	1993.7	2003.0	1980.6	1957.6	1932.6
57.5°	1691.5	1738.3	1781.9	1825.5	1874.7	1923.9	1931.4	1938.9	1915.2	1890.9	1872.2
60°	1594.3	1641.7	1687.2	1732.0	1781.9	1831.7	1841.7	1851.7	1833.0	1814.3	1796.8
62.5°	1457.3	1510.9	1548.2	1585.6	1633.0	1680.9	1695.3	1710.2	1701.5	1693.4	1673.5
65°	*1322.1*	*1373.8*	*1403.1*	*1433.0*	*1474.1*	*1515.2*	*1529.5*	*1543.9*	*1539.5*	*1535.8*	*1521.4*
67.5°	1187.5	1234.8	1259.1	1283.4	1311.5	1339.5	1355.7	1371.9	1363.8	1355.1	1340.1
70°	1071.6	1110.2	1131.4	1152.6	1175.0	1197.5	1206.2	1214.9	1202.5	1190.0	1156.3
72.5°	950.1	979.4	997.5	1015.5	1036.7	1057.9	1062.9	1068.5	1049.2	1029.2	990.0
75°	800.0	822.4	836.1	850.4	872.2	894.1	903.4	912.7	885.3	858.5	816.8
77.5°	626.1	646.7	659.8	672.9	690.9	709.0	711.5	715.2	691.6	667.9	643.0
80°	458.6	473.5	478.5	482.8	497.8	512.1	512.1	512.1	494.7	476.6	464.2
82.5°	289.7	286.6	280.4	274.1	289.1	304.0	309.0	314.6	306.5	299.1	285.3
85°	129.6	119.6	117.8	115.3	114.6	113.4	117.8	121.5	119.6	118.4	113.4
87.5°	61.1	63.5	61.7	59.2	56.7	54.8	49.8	44.9	41.1	37.4	34.9
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
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Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1364949
CATALOG NUMBER: GSS-SB4C-727-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	4062.2	4062.2	4062.2	4062.2	4062.2	4062.2	4062.2	4062.2	4062.2	4062.2	4062.2
2.5°	3722.6	3719.5	3722.6	3727.0	3732.0	3738.2	3744.4	3757.5	3770.6	3790.5	3809.8
5°	3482.7	3476.5	3482.7	3489.6	3496.5	3507.0	3517.0	3541.3	3565.0	3594.3	3622.9
7.5°	3320.8	3314.5	3320.8	3332.6	3344.4	3360.6	3376.8	3404.2	3431.7	3474.0	3517.0
10°	3230.4	3221.1	3230.4	3242.9	3255.3	3277.8	3300.8	3340.7	3381.8	3429.2	3476.5
12.5°	3213.6	3202.4	3213.6	3232.3	3251.0	3278.4	3307.1	3357.5	3408.0	3471.5	3535.7
15°	3275.9	3258.5	3275.9	3299.0	3322.0	3363.1	3403.0	3475.9	3548.2	3637.3	3725.7
17.5°	3367.5	3358.1	3367.5	3388.7	3409.2	3467.8	3526.4	3633.5	3741.3	3865.9	3990.5
20°	3400.5	3389.3	3400.5	3431.7	3462.8	3540.1	3618.6	3760.0	3901.4	4064.7	4227.3
22.5°	3395.5	3383.1	3395.5	3425.4	3454.7	3547.5	3639.8	3814.2	3988.7	4148.8	4308.3
25°	3330.1	3320.8	3330.1	3360.6	3390.5	3488.4	3585.5	3754.4	3923.9	4055.3	4186.8
27.5°	3216.1	3196.2	3216.1	3248.5	3280.3	3366.9	3452.8	3589.9	3727.0	3807.3	3887.7
30°	3068.4	3059.1	3068.4	3089.0	3108.9	3172.5	3236.7	3334.5	3432.9	3485.9	3538.8
32.5°	2890.9	2884.6	2890.9	2904.0	2917.0	2956.9	2996.8	3061.6	3126.4	3167.5	3208.6
35°	2700.8	2691.5	2700.8	2710.8	2721.4	2750.1	2778.7	2836.0	2894.0	2928.3	2962.5
37.5°	2512.1	2498.4	2512.1	2530.8	2549.4	2584.3	2618.0	2667.2	2716.4	2741.3	2766.3
40°	2331.4	2317.7	2331.4	2357.6	2383.1	2431.1	2479.7	2526.4	2573.1	2578.1	2582.5
42.5°	2155.7	2130.8	2155.7	2194.3	2233.6	2289.6	2345.7	2385.0	2423.6	2414.2	2404.9
45°	2006.2	1975.0	2006.2	2052.9	2099.6	2162.5	2225.5	2261.0	2295.9	2274.1	2252.3
47.5°	1948.8	1918.9	1948.8	1990.0	2031.1	2085.9	2140.1	2163.2	2186.8	2163.2	2140.1
50°	1934.5	1906.5	1934.5	1973.8	2012.4	2055.4	2098.4	2102.7	2107.1	2064.7	2021.7
52.5°	1931.4	1906.5	1931.4	1965.0	1998.7	2029.8	2061.0	2053.5	2046.7	2001.2	1956.3
55°	1907.7	1887.8	1907.7	1932.6	1957.6	1980.6	2003.0	1993.7	1984.4	1942.6	1900.2
57.5°	1853.5	1844.2	1853.5	1872.2	1890.9	1915.2	1938.9	1931.4	1923.9	1874.7	1825.5
60°	1778.8	1763.2	1778.8	1796.8	1814.3	1833.0	1851.7	1841.7	1831.7	1781.9	1732.0
62.5°	1654.1	1632.3	1654.1	1673.5	1693.4	1701.5	1710.2	1695.3	1680.9	1633.0	1585.6
65°	*1507.7*	*1482.8*	*1507.7*	*1521.4*	*1535.8*	*1539.5*	*1543.9*	*1529.5*	*1515.2*	*1474.1*	*1433.0*
67.5°	1325.8	1320.8	1325.8	1340.1	1355.1	1363.8	1371.9	1355.7	1339.5	1311.5	1283.4
70°	1122.7	1084.1	1122.7	1156.3	1190.0	1202.5	1214.9	1206.2	1197.5	1175.0	1152.6
72.5°	950.1	909.6	950.1	990.0	1029.2	1049.2	1068.5	1062.9	1057.9	1036.7	1015.5
75°	775.7	747.6	775.7	816.8	858.5	885.3	912.7	903.4	894.1	872.2	850.4
77.5°	618.0	604.3	618.0	643.0	667.9	691.6	715.2	711.5	709.0	690.9	672.9
80°	451.7	442.4	451.7	464.2	476.6	494.7	512.1	512.1	512.1	497.8	482.8
82.5°	271.0	261.7	271.0	285.3	299.1	306.5	314.6	309.0	304.0	289.1	274.1
85°	109.0	105.9	109.0	113.4	118.4	119.6	121.5	117.8	113.4	114.6	115.3
87.5°	32.4	31.2	32.4	34.9	37.4	41.1	44.9	49.8	54.8	56.7	59.2
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
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Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1364949
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CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	4062.2	4062.2	4062.2	4062.2	4062.2	4062.2	4062.2	4062.2	4062.2	4062.2	4062.2
2.5°	3837.3	3864.0	3887.1	3909.5	3935.1	3961.2	3994.3	4027.9	4059.1	4094.6	4130.1
5°	3659.7	3695.8	3736.9	3776.8	3825.4	3874.0	3932.6	3992.4	4052.8	4123.2	4190.5
7.5°	3562.5	3607.4	3660.9	3714.5	3778.1	3841.0	3913.3	3986.2	4059.1	4152.5	4242.2
10°	3535.7	3594.9	3651.6	3708.3	3773.1	3837.9	3913.9	3990.5	4068.4	4168.1	4270.9
12.5°	3606.7	3677.1	3729.5	3781.8	3826.7	3872.1	3935.1	3998.6	4074.6	4183.7	4296.4
15°	3791.1	3856.6	3874.6	3892.7	3896.4	3900.2	3941.3	3982.4	4049.7	4171.2	4298.9
17.5°	4036.6	4082.1	4046.6	4011.1	3949.4	3887.7	3893.3	3898.9	3956.3	4098.3	4246.6
20°	4231.6	4236.6	4140.7	4044.7	3924.5	3803.6	3768.7	3733.2	3769.3	3957.5	4153.1
22.5°	4273.4	4237.9	4099.6	3961.2	3803.6	3646.0	3594.3	3541.9	3576.2	3800.5	4046.0
25°	4120.7	4054.7	3905.8	3756.9	3611.1	3465.3	3408.6	3351.9	3355.0	3612.3	3918.2
27.5°	3813.6	3739.4	3619.8	3500.2	3391.8	3283.4	3228.6	3174.3	3158.8	3421.7	3787.4
30°	3479.6	3420.4	3339.5	3258.5	3180.0	3101.5	3059.1	3016.7	2999.9	3255.3	3673.4
32.5°	3176.2	3143.2	3083.4	3023.0	2971.9	2920.8	2902.7	2884.6	2884.6	3120.1	3573.7
35°	2937.6	2912.7	2863.5	2814.9	2781.2	2747.6	2762.5	2777.5	2816.1	2998.0	3460.3
37.5°	2730.1	2694.6	2653.5	2611.8	2596.8	2580.6	2621.7	2661.6	2735.1	2878.4	3334.5
40°	2538.2	2493.4	2454.1	2414.2	2416.1	2417.4	2477.2	2537.0	2629.2	2742.6	3184.3
42.5°	2357.6	2310.2	2271.0	2231.7	2239.8	2247.9	2323.9	2399.9	2513.9	2593.1	3005.5
45°	2199.9	2148.2	2113.3	2079.7	2092.1	2104.6	2181.9	2260.4	2373.8	2445.4	2823.6
47.5°	2082.2	2024.9	1988.7	1953.2	1961.3	1968.8	2036.1	2102.7	2208.6	2291.5	2642.9
50°	1976.3	1931.4	1892.8	1853.5	1844.2	1834.8	1890.3	1945.1	2049.8	2163.2	2482.2
52.5°	1909.6	1862.9	1826.7	1791.2	1762.6	1733.3	1775.0	1816.1	1928.3	2073.5	2337.6
55°	1856.6	1813.0	1770.0	1727.0	1685.9	1644.8	1690.9	1737.0	1869.1	2013.6	2216.7
57.5°	1781.9	1738.3	1691.5	1644.8	1603.7	1562.6	1626.7	1691.5	1853.5	1975.0	2114.6
60°	1687.2	1641.7	1594.3	1546.4	1519.6	1492.2	1573.2	1654.1	1816.1	1911.5	2009.3
62.5°	1548.2	1510.9	1457.3	1403.1	1400.6	1396.8	1502.8	1608.7	1763.2	1803.7	1857.9
65°	*1403.1*	*1373.8*	*1322.1*	*1271.0*	*1283.4*	*1295.9*	*1409.3*	*1523.3*	*1651.0*	*1662.2*	*1673.5*
67.5°	1259.1	1234.8	1187.5	1140.1	1165.7	1191.2	1292.2	1392.5	1479.7	1462.9	1429.9
70°	1131.4	1110.2	1071.6	1033.0	1049.2	1065.4	1125.2	1185.0	1227.4	1232.4	1183.1
72.5°	997.5	979.4	950.1	920.8	932.1	943.9	957.0	970.7	943.9	993.7	956.4
75°	836.1	822.4	800.0	777.5	785.6	794.4	801.2	808.7	791.3	771.3	726.5
77.5°	659.8	646.7	626.1	605.6	615.6	624.3	641.1	657.3	654.2	596.9	548.3
80°	478.5	473.5	458.6	443.6	451.1	457.9	478.5	498.4	501.5	420.5	370.1
82.5°	280.4	286.6	289.7	292.8	297.8	302.2	302.2	302.2	289.7	244.2	219.3
85°	117.8	119.6	129.6	138.3	145.8	152.6	152.0	150.8	143.3	118.4	102.2
87.5°	61.7	63.5	61.1	57.3	54.8	51.1	47.4	43.6	37.4	34.3	31.2
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
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Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1364949
CATALOG NUMBER: GSS-SB4C-727-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	4062.2	4062.2	4062.2	4062.2	4062.2	4062.2	4062.2
2.5°	4165.0	4201.7	4237.9	4274.0	4310.1	4349.4	4389.3
5°	4258.4	4330.1	4401.7	4474.6	4548.1	4617.9	4688.3
7.5°	4331.3	4431.0	4530.7	4642.2	4753.7	4872.1	4990.5
10°	4373.7	4497.0	4619.8	4758.7	4897.0	5039.1	5180.5
12.5°	4409.8	4547.5	4685.2	4840.3	4995.5	5136.3	5277.1
15°	4426.6	4575.5	4723.8	4881.5	5039.1	5181.1	5323.8
17.5°	4395.5	4564.3	4733.8	4902.0	5070.2	5202.9	5336.3
20°	4348.8	4547.5	4746.3	4926.9	5107.6	5242.2	5376.8
22.5°	4291.4	4534.4	4777.4	4975.5	5174.3	5297.0	5420.4
25°	4224.2	4533.2	4842.2	5059.0	5275.8	5382.4	5488.9
27.5°	4152.5	4545.0	4937.5	5181.1	5425.4	5507.0	5588.6
30°	4092.1	4570.6	5049.7	5325.7	5601.1	5664.6	5728.8
32.5°	4027.9	4599.2	5171.2	5495.8	5820.4	5860.2	5900.1
35°	3922.0	4592.4	5263.4	5676.4	6090.1	6140.0	6189.8
37.5°	3791.1	4573.1	5355.0	5897.0	6439.0	6498.2	6557.4
40°	3626.0	4529.4	5432.8	6149.3	6865.8	6982.9	7099.4
42.5°	3417.3	4454.1	5490.2	6428.4	7365.5	7612.8	7859.5
45°	3202.4	4402.3	5602.3	6807.2	8012.2	8407.8	8803.4
47.5°	2995.5	4341.9	5688.3	7196.6	8705.0	9205.9	9706.8
50°	2800.5	4239.1	5677.1	7536.2	9395.3	10074.4	10753.5
52.5°	2603.0	4028.5	5454.6	7696.9	9938.6	11017.7	12096.2
55°	2418.6	3749.4	5079.0	7654.6	10230.2	11965.3	13700.5
57.5°	2254.1	3457.2	4660.3	7423.4	10186.6	12760.9	15335.9
60°	2107.1	3087.7	4068.4	6869.6	9670.7	13117.3	16563.3
62.5°	1912.7	2619.2	3325.7	5961.8	8597.8	12326.7	16055.5
65°	*1685.3*	*2058.5*	*2431.1*	*4676.5*	*6921.9*	*10632.0*	*14342.2*
67.5°	1396.8	1573.8	1750.7	3639.1	5527.5	9131.2	12734.8
70°	1133.9	1196.2	1258.5	2788.7	4318.9	7757.4	11195.9
72.5°	919.0	919.6	920.8	2096.5	3272.2	6441.5	9610.3
75°	682.2	686.0	690.3	1553.8	2417.4	5143.1	7868.9
77.5°	499.7	497.2	493.4	1004.3	1515.2	3374.3	5233.5
80°	319.0	316.5	312.8	555.1	797.5	1934.5	3071.5
82.5°	194.4	193.8	193.1	298.4	403.7	969.4	1535.8
85°	86.0	81.6	77.9	94.7	112.1	230.5	348.9
87.5°	28.0	26.2	24.9	25.5	26.2	27.4	28.0
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

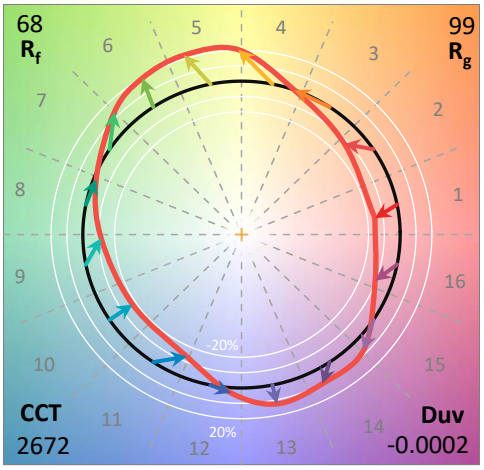
Test Information

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



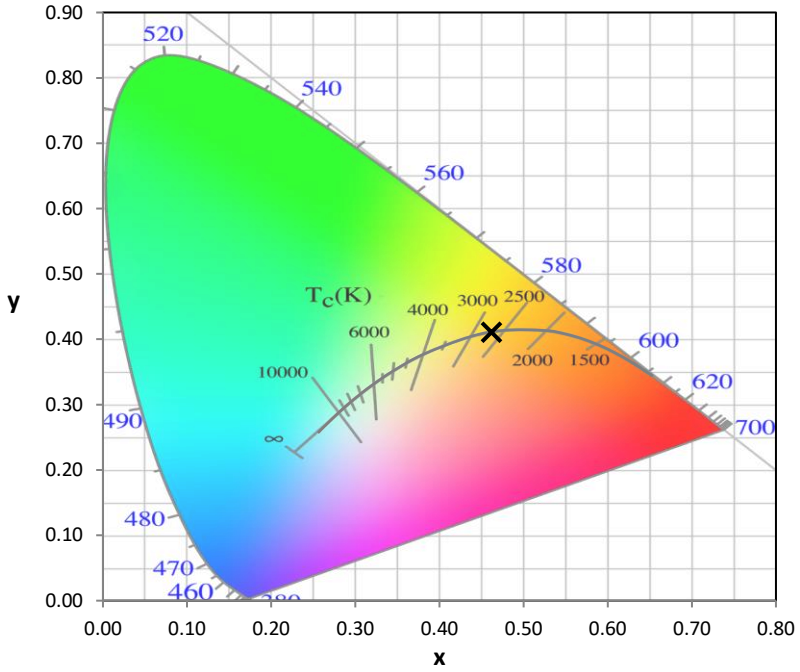
Test Conditions

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

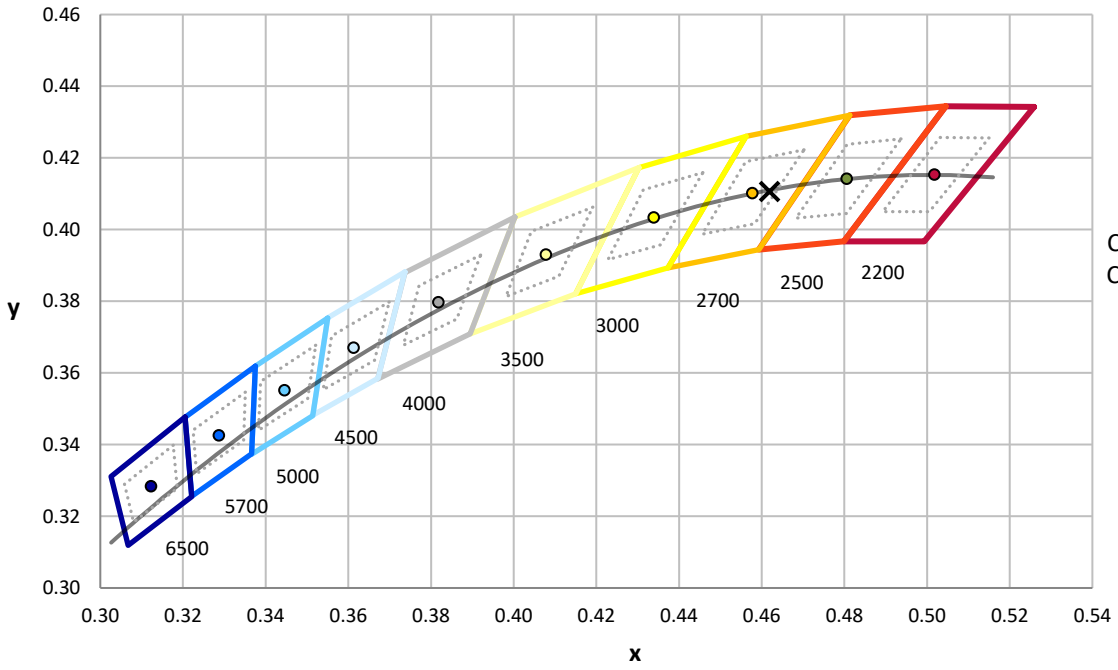
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

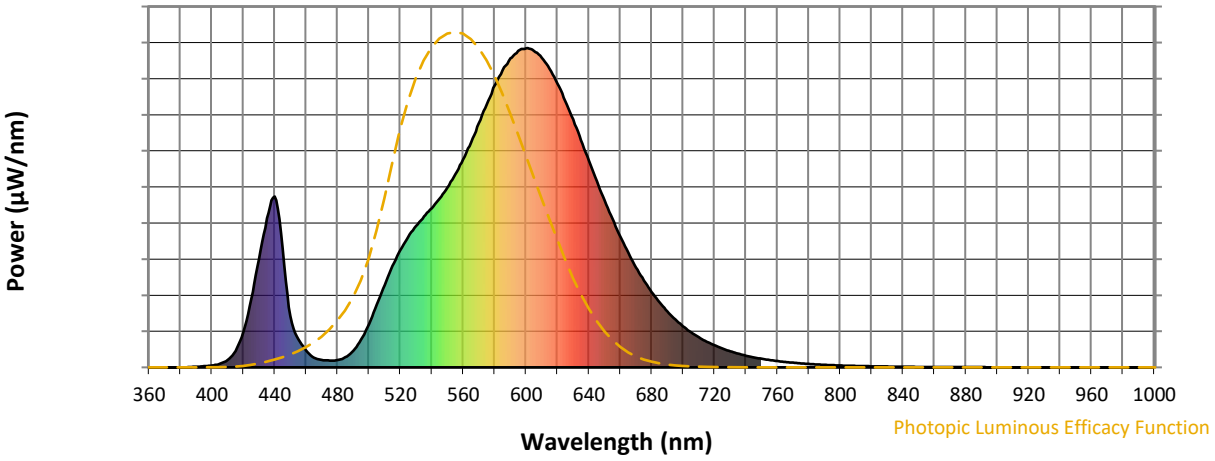


CCT = 2672K
CIE x = 0.4619
CIE y = 0.4106
Duv = -0.0002

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-3

Photopic Flux vs. Wavelength

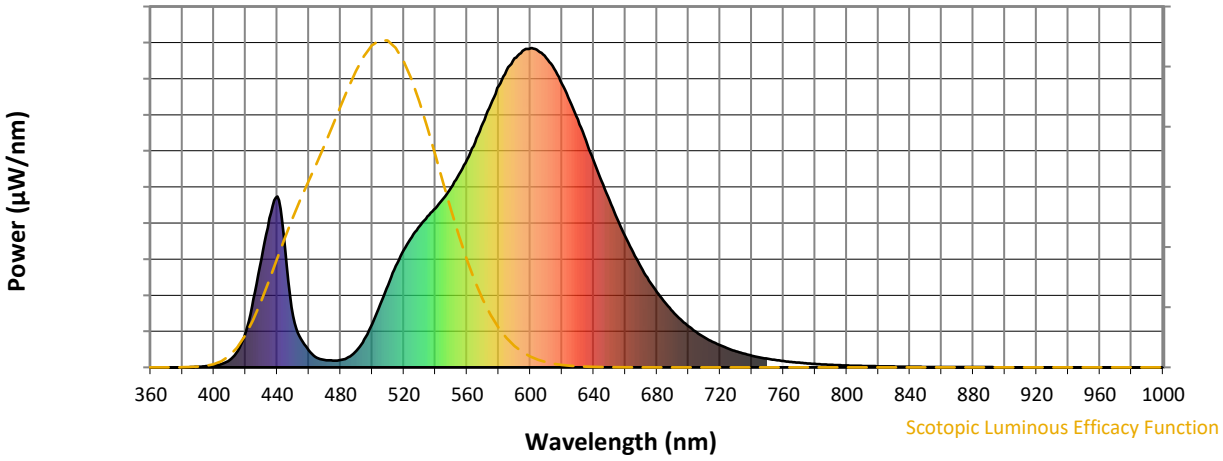


Photopic Lumens: NR

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

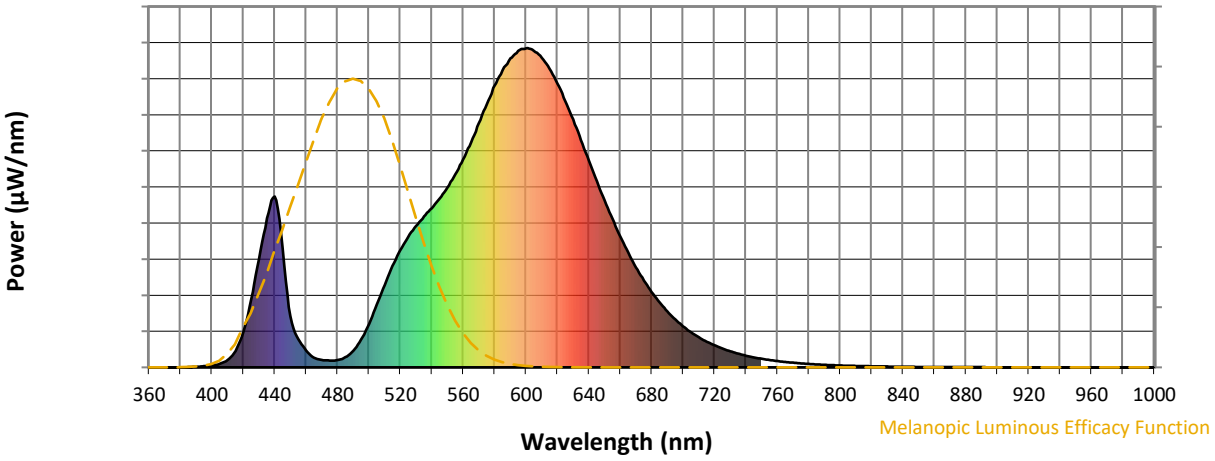


Scotopic Lumens: NR **S/P: 1.02**

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			

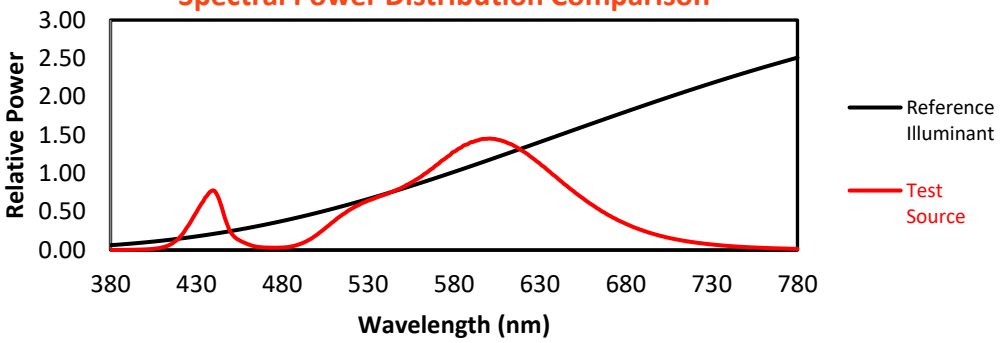
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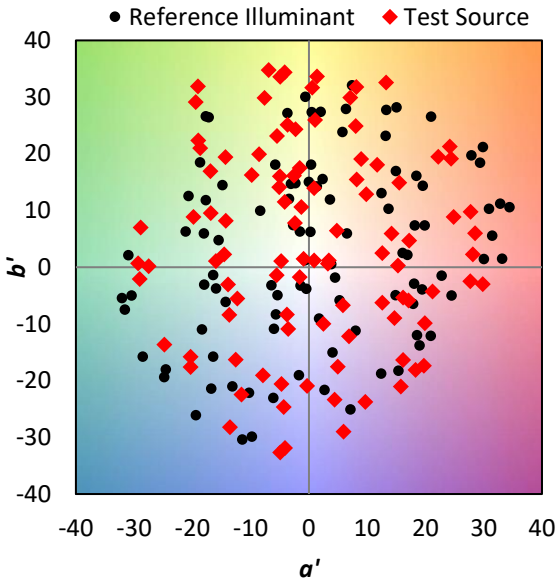
Summary

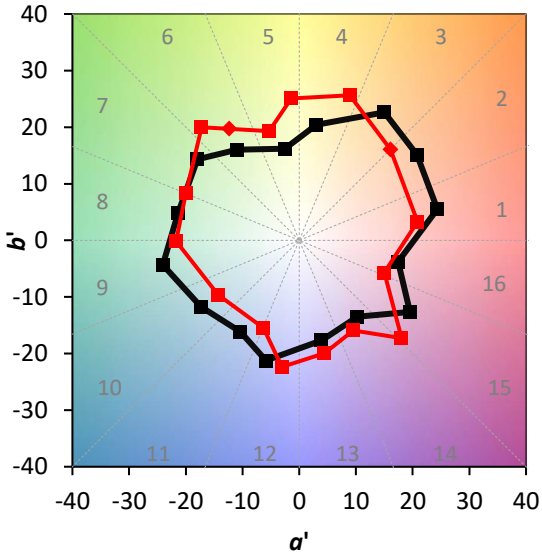
R_f = 67.9
R_g = 98.6
CIE R_a = 71.1
R_9 = -27.8

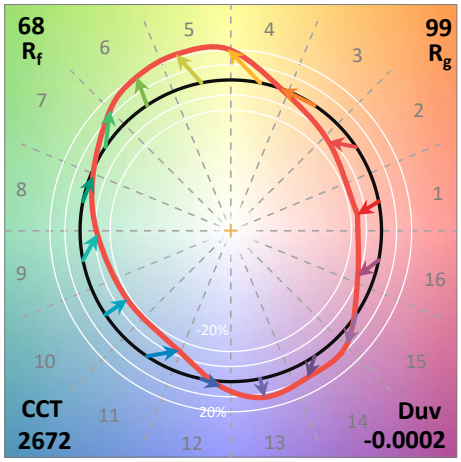
Spectral Power Distribution Comparison

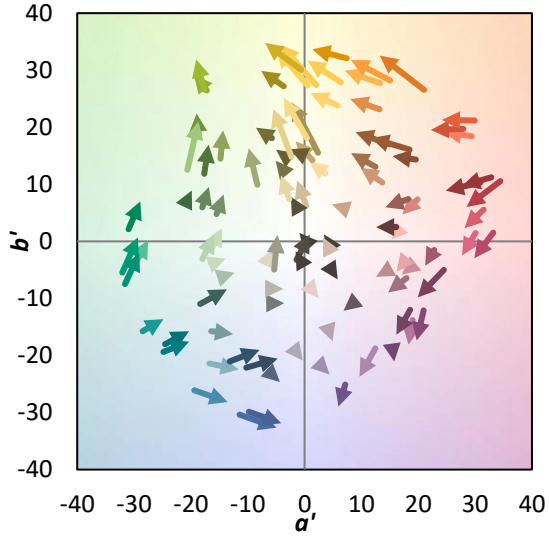


Color Vector Graphics







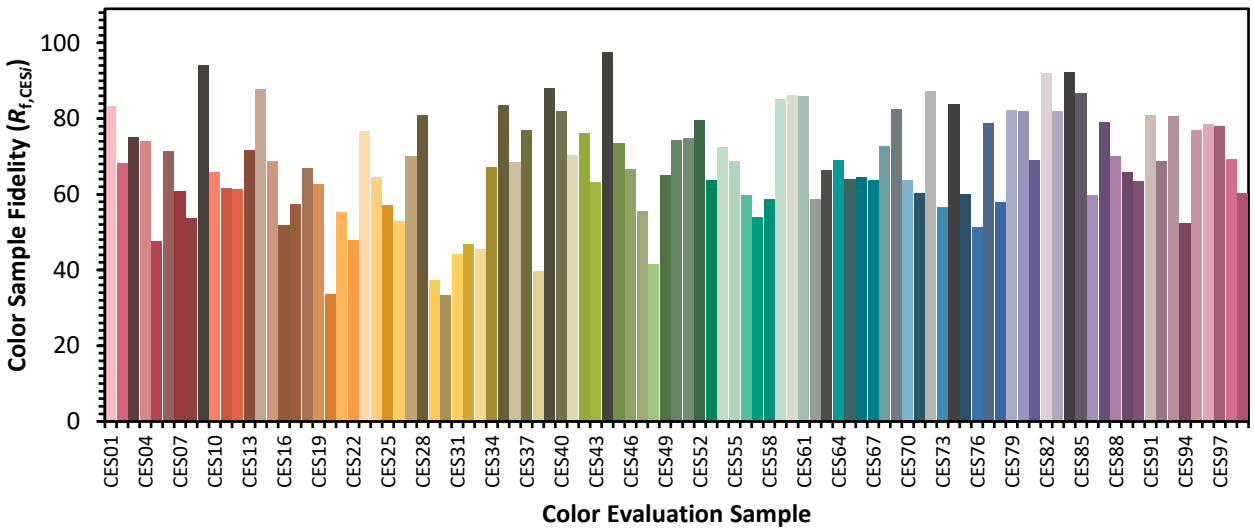


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Individual Sample Fidelity Index ($R_{f,i}$)

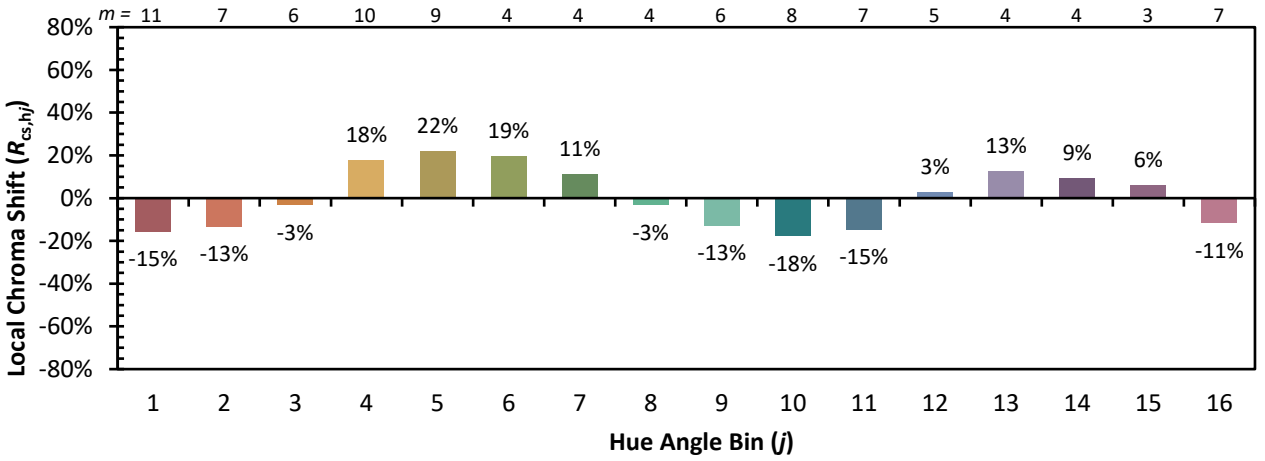
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CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 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	

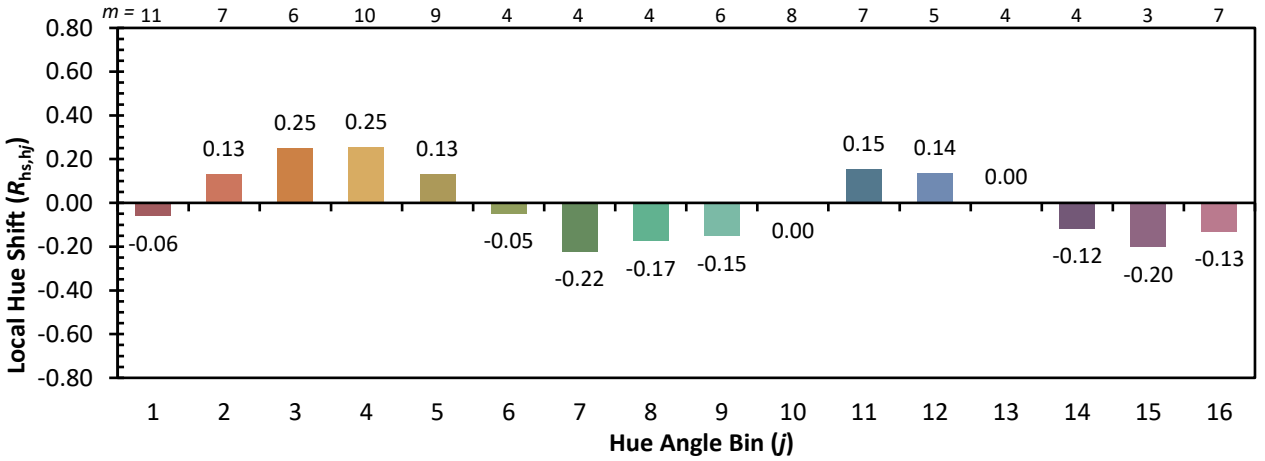


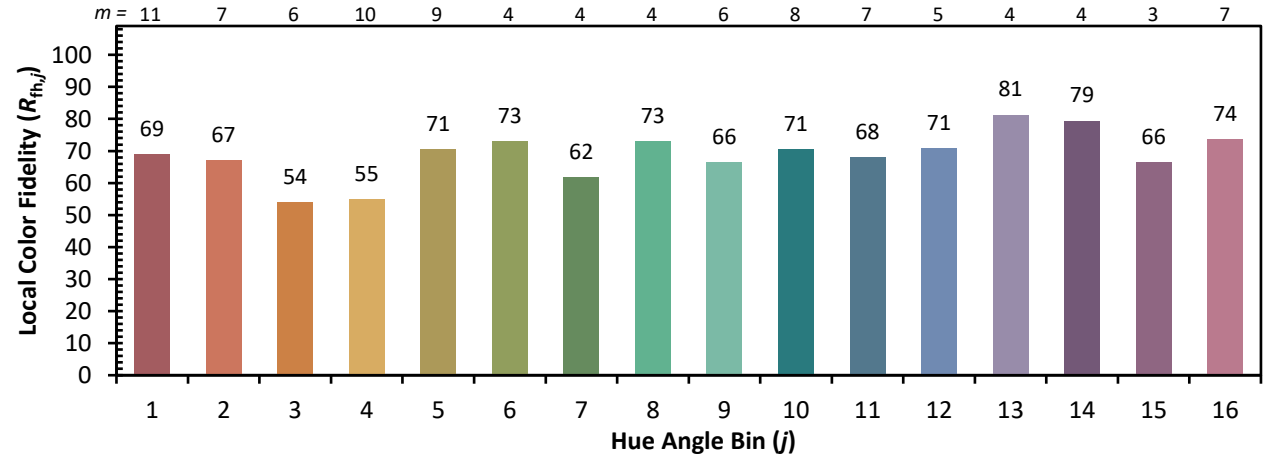
REPORT NUMBER: SP1-2407-184-3

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Color Rendition by Hue-Angle Bin



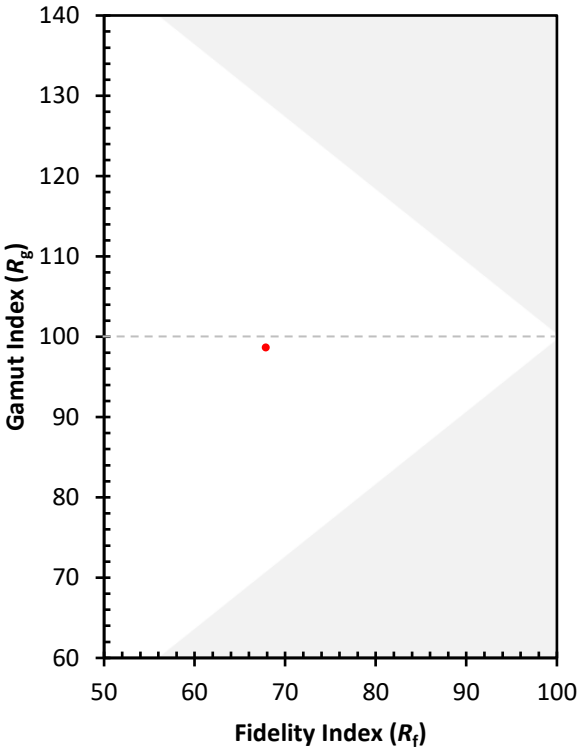


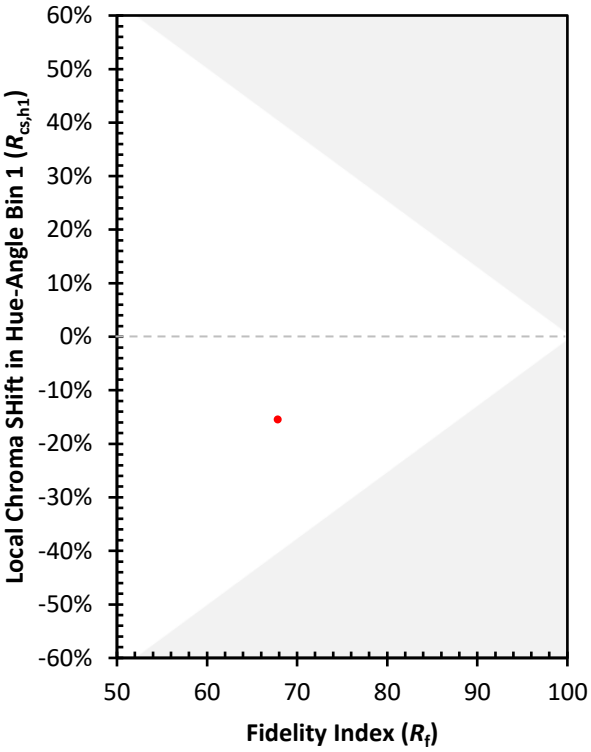


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Measure Comparisons





(END OF REPORT)