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: P1364134

Luminaire Tested: **GSS-SB4D-740-U-SLR**

Issue Date: 02/18/2026

Report Generated By 670245763

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Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P1364134
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4D-740-U-SLR
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 238W 70CRI 4000K FIXTURE w/ 90° Spill Light Eliminator RIGHT OPTIC
Light Source:	(104) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	32151.4 lumens
Efficiency:	N/A
Efficacy:	135.1 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - U0 - G4

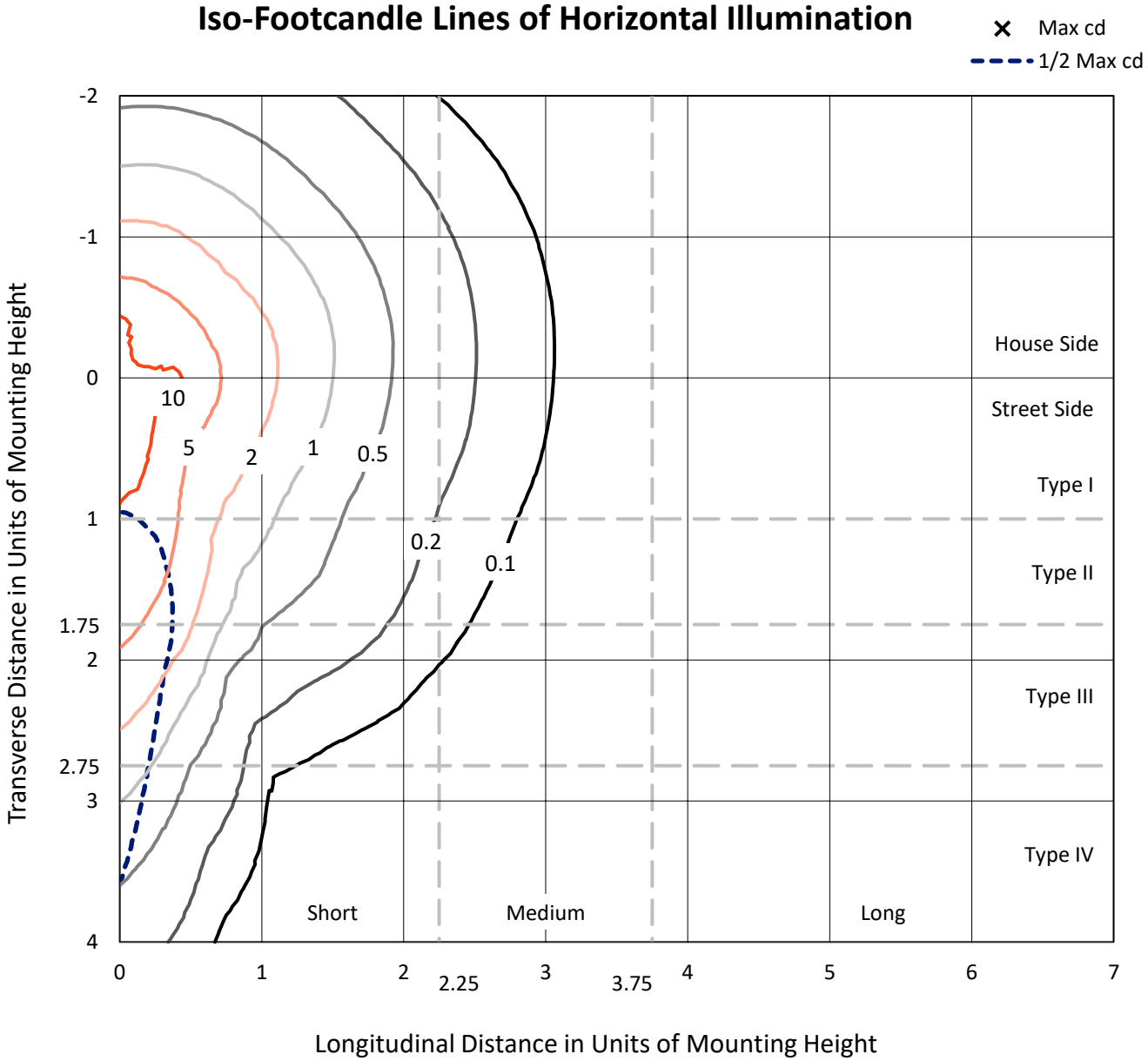
Input Watts (W):	238
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	--
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination



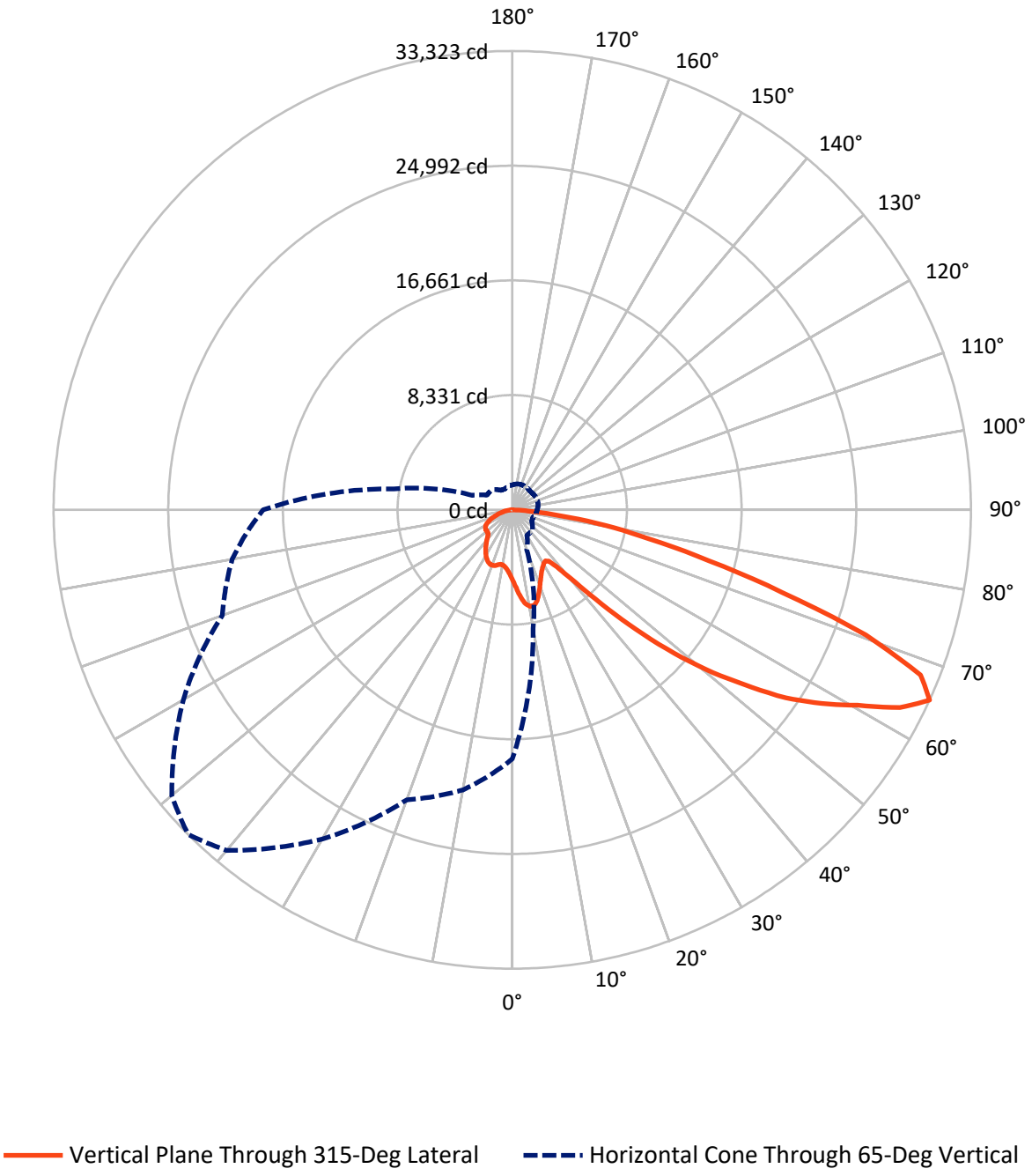
Based on 20 foot mounting height. Maximum calculated value = 15.3 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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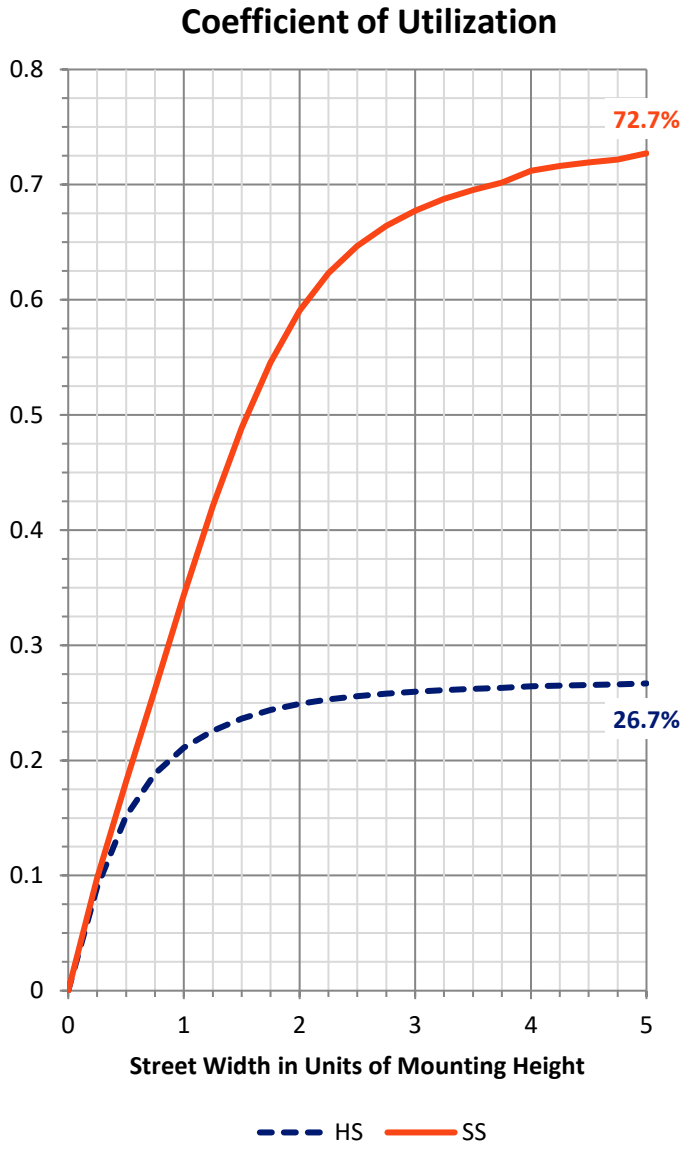
REPORT NUMBER: P1364134
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	8649.4	0.0	8649.4
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	23502.0	0.0	23502.0
	% Fixture	73.1	0.0	73.1
Total	Lumens	32151.4	0.0	32151.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	506.2	1.6
10°-20°	1551.3	4.8
20°-30°	2400.8	7.5
30°-40°	2978.7	9.3
40°-50°	4355.8	13.5
50°-60°	6822.8	21.2
60°-70°	8095.7	25.2
70°-80°	4721.8	14.7
80°-90°	718.3	2.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	32151.4	100.0
0°-180°	32151.4	100.0



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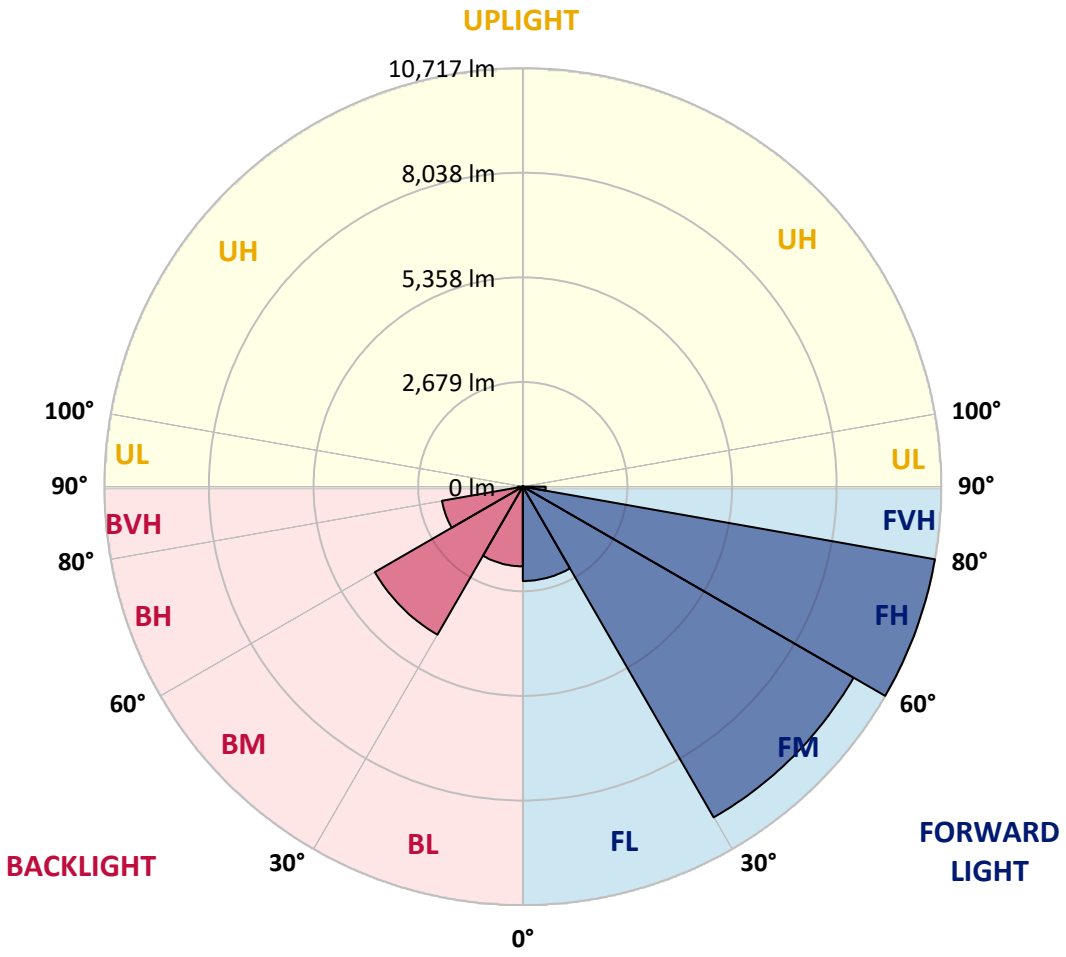
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2416.5	7.5			
FM	(30°-60°)	9781.1	30.4			
FH	(60°-80°)	10716.9	33.3			G4/12000
FVH	(80°-90°)	587.5	1.8			G4/750
BL	(0°-30°)	2041.9	6.4	B3/2500		
BM	(30°-60°)	4376.2	13.6	B3/5000		
BH	(60°-80°)	2100.6	6.5	B3/2500		G3/2500
BVH	(80°-90°)	130.8	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°	5126.6	5126.6	5126.6	5126.6	5126.6	5126.6	5126.6	5126.6	5126.6	5126.6	5126.6
2.5°	5539.4	5489.1	5439.5	5393.9	5348.3	5302.7	5256.3	5212.3	5167.5	5122.7	5083.4
5°	5916.8	5828.0	5739.9	5647.1	5555.1	5464.7	5374.3	5288.6	5203.7	5114.8	5038.5
7.5°	6298.2	6148.8	5999.4	5858.6	5717.9	5592.1	5466.3	5353.8	5240.6	5122.7	5030.7
10°	6538.0	6359.5	6180.2	6005.7	5830.3	5675.4	5519.8	5390.0	5260.3	5134.5	5036.2
12.5°	6659.9	6482.2	6304.5	6108.7	5912.9	5739.1	5565.4	5422.3	5279.9	5142.3	5046.4
15°	6718.8	6538.8	6359.5	6160.6	5961.6	5774.5	5586.6	5425.4	5264.2	5110.9	5026.0
17.5°	6734.6	6566.3	6398.8	6186.5	5974.2	5760.4	5547.3	5359.3	5172.2	4992.9	4920.6
20°	6785.7	6615.8	6446.0	6218.0	5990.0	5739.1	5488.3	5241.4	4994.5	4757.1	4711.4
22.5°	6840.7	6685.0	6530.1	6279.3	6029.3	5722.6	5416.0	5106.2	4796.4	4513.3	4470.1
25°	6927.2	6792.8	6658.3	6384.7	6111.0	5721.0	5331.0	4945.0	4558.9	4234.2	4230.2
27.5°	7053.0	6950.0	6847.0	6538.8	6231.3	5736.0	5240.6	4779.9	4318.3	3986.5	4006.1
30°	7229.9	7148.9	7068.7	6721.2	6372.9	5768.2	5164.3	4636.0	4108.4	3786.0	3807.2
32.5°	7446.2	7395.8	7345.5	6935.9	6526.2	5804.4	5083.4	4510.2	3937.7	3640.5	3640.5
35°	7811.8	7748.9	7686.0	7163.9	6642.6	5795.7	4949.7	4367.1	3783.6	3554.0	3505.3
37.5°	8275.7	8201.0	8126.3	7442.2	6758.2	5771.4	4784.6	4208.2	3632.7	3451.8	3359.0
40°	8959.8	8812.7	8664.9	7760.7	6856.4	5716.3	4576.2	4018.7	3461.2	3318.1	3201.8
42.5°	9919.0	9607.7	9295.5	8112.9	6928.8	5621.2	4312.8	3793.1	3272.5	3172.7	3028.8
45°	11110.3	10611.0	10111.7	8591.0	7070.3	5555.9	4041.5	3563.5	3086.2	2995.8	2852.7
47.5°	12250.4	11618.2	10986.0	9082.4	7178.8	5479.7	3780.5	3335.4	2892.0	2787.4	2653.7
50°	13571.4	12714.3	11857.2	9511.0	7164.7	5349.9	3534.4	3132.6	2730.0	2586.9	2454.8
52.5°	15265.8	13904.7	12542.9	9713.8	6884.0	5084.1	3285.1	2950.2	2616.8	2433.6	2292.0
55°	17290.5	15100.7	12910.9	9660.4	6409.8	4731.9	3052.4	2797.6	2541.3	2358.9	2192.2
57.5°	19354.5	16104.8	12855.8	9368.6	5881.4	4363.1	2844.8	2668.7	2492.5	2339.2	2134.8
60°	20903.5	16554.5	12204.8	8669.6	5134.5	3896.9	2659.2	2535.8	2412.3	2292.0	2087.6
62.5°	20262.7	15556.7	10850.8	7524.0	4197.2	3305.6	2413.9	2344.7	2276.3	2225.2	2030.2
65°	*18100.4*	*13418.0*	*8735.7*	*5901.9*	*3068.1*	*2597.9*	*2126.9*	*2112.0*	*2097.8*	*2083.7*	*1922.5*
67.5°	16071.8	11523.9	6976.0	4592.7	2209.5	1986.2	1762.9	1804.5	1846.2	1867.4	1757.4
70°	14129.6	9790.1	5450.6	3519.4	1588.3	1509.7	1431.0	1493.2	1555.3	1549.0	1495.5
72.5°	12128.5	8129.4	4129.6	2645.9	1162.1	1160.6	1159.8	1207.0	1254.1	1191.2	1225.0
75°	9930.8	6490.8	3050.8	1961.0	871.2	865.7	861.0	916.8	973.4	998.6	1020.6
77.5°	6604.8	4258.5	1912.3	1267.5	622.7	627.5	630.6	691.9	753.3	825.6	829.5
80°	3876.4	2441.4	1006.5	700.6	394.7	399.4	402.6	467.1	530.7	633.0	629.0
82.5°	1938.2	1223.5	509.5	376.6	243.7	244.5	245.3	276.8	308.2	365.6	381.4
85°	440.3	290.9	141.5	119.5	98.3	103.0	108.5	129.0	149.4	180.8	190.3
87.5°	35.4	34.6	33.0	32.2	31.5	33.0	35.4	39.3	43.2	47.2	55.0
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°	5126.6	5126.6	5126.6	5126.6	5126.6	5126.6	5126.6	5126.6	5126.6	5126.6	5126.6
2.5°	5040.9	4999.2	4966.2	4934.0	4905.7	4876.6	4842.8	4808.2	4783.8	4758.6	4742.1
5°	4963.1	4889.1	4827.8	4766.5	4716.2	4664.3	4618.7	4572.3	4536.1	4499.1	4469.3
7.5°	4938.7	4847.5	4768.1	4687.9	4620.2	4552.6	4496.0	4438.6	4384.3	4330.9	4296.3
10°	4939.5	4843.5	4761.8	4680.0	4608.4	4536.9	4462.2	4387.5	4327.7	4268.0	4216.1
12.5°	4966.2	4886.8	4829.4	4772.8	4706.7	4640.7	4551.8	4462.2	4381.2	4301.0	4237.3
15°	4974.1	4922.2	4917.5	4912.7	4889.9	4867.1	4784.6	4702.0	4590.4	4477.9	4386.7
17.5°	4913.5	4906.4	4984.3	5062.1	5106.9	5151.8	5094.4	5036.2	4878.9	4721.7	4585.6
20°	4756.3	4800.3	4952.8	5104.6	5225.7	5346.8	5340.5	5335.0	5129.8	4923.7	4745.3
22.5°	4536.1	4601.4	4800.3	4999.2	5173.8	5348.3	5393.2	5437.2	5235.9	5033.8	4813.7
25°	4301.8	4373.3	4557.3	4741.3	4929.2	5117.2	5200.5	5283.9	5118.0	4952.1	4738.2
27.5°	4074.6	4143.7	4280.6	4417.4	4568.3	4719.3	4812.9	4906.4	4805.0	4703.6	4530.6
30°	3860.7	3914.1	4013.2	4112.3	4214.5	4316.7	4391.4	4466.1	4399.3	4332.5	4208.2
32.5°	3663.3	3686.1	3750.6	3815.1	3891.3	3966.8	4008.5	4049.4	3997.5	3945.6	3863.8
35°	3486.4	3467.5	3510.0	3552.5	3613.8	3675.9	3707.4	3738.8	3695.6	3652.3	3579.2
37.5°	3308.7	3256.8	3277.3	3296.1	3348.8	3400.7	3445.5	3491.1	3459.7	3428.2	3366.1
40°	3126.3	3050.8	3049.2	3046.9	3097.2	3146.7	3203.3	3259.2	3253.7	3247.4	3188.4
42.5°	2932.9	2836.9	2826.7	2816.5	2866.0	2915.6	2975.3	3035.1	3046.9	3058.7	3009.9
45°	2753.6	2656.1	2640.4	2624.6	2667.1	2711.1	2776.4	2842.4	2870.0	2897.5	2853.4
47.5°	2569.6	2484.7	2475.2	2465.0	2509.8	2555.4	2627.8	2700.9	2730.0	2759.9	2730.0
50°	2385.6	2315.6	2327.4	2339.2	2388.7	2437.5	2494.1	2551.5	2605.8	2659.2	2653.7
52.5°	2240.1	2187.5	2224.4	2260.6	2305.4	2351.0	2410.0	2468.9	2525.6	2583.0	2591.6
55°	2134.0	2075.8	2127.7	2179.6	2233.8	2288.1	2343.1	2398.2	2451.7	2504.3	2516.1
57.5°	2053.0	1972.0	2023.9	2075.8	2134.8	2193.7	2248.8	2303.8	2365.9	2428.1	2437.5
60°	1985.4	1883.2	1917.8	1951.6	2012.1	2071.9	2129.3	2185.9	2248.8	2311.7	2324.3
62.5°	1896.5	1762.9	1767.6	1770.7	1839.1	1906.8	1953.9	2001.1	2060.9	2121.4	2139.5
65°	*1778.6*	*1635.5*	*1619.8*	*1604.0*	*1668.5*	*1733.8*	*1770.7*	*1808.5*	*1860.4*	*1912.3*	*1930.3*
67.5°	1630.8	1503.4	1471.1	1438.9	1498.7	1558.4	1589.1	1619.8	1655.1	1690.5	1711.0
70°	1420.0	1344.6	1324.1	1303.7	1352.4	1401.2	1427.9	1454.6	1482.9	1511.2	1522.3
72.5°	1207.7	1191.2	1176.3	1162.1	1199.1	1236.0	1258.8	1281.7	1308.4	1335.1	1341.4
75°	1011.2	1002.5	991.5	981.3	1009.6	1037.9	1055.2	1073.3	1100.8	1128.3	1140.1
77.5°	809.1	787.9	776.9	764.3	790.2	816.2	832.7	849.2	872.0	894.8	897.9
80°	603.9	577.9	569.3	559.8	578.7	597.6	603.9	609.4	628.2	646.3	646.3
82.5°	381.4	381.4	375.8	369.6	365.6	361.7	353.8	346.0	364.8	383.7	390.0
85°	191.9	192.6	184.0	174.6	163.5	151.0	148.6	145.5	144.7	143.1	148.6
87.5°	59.8	64.5	69.2	72.3	77.1	80.2	77.8	74.7	71.6	69.2	62.9
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°	5126.6	5126.6	5126.6	5126.6	5126.6	5126.6	5126.6	5126.6	5126.6	5126.6	5126.6
2.5°	4725.6	4717.7	4709.9	4703.6	4698.1	4694.1	4698.1	4703.6	4709.9	4717.7	4725.6
5°	4438.6	4426.0	4412.7	4404.0	4395.4	4387.5	4395.4	4404.0	4412.7	4426.0	4438.6
7.5°	4261.7	4241.2	4220.8	4205.9	4190.9	4183.1	4190.9	4205.9	4220.8	4241.2	4261.7
10°	4165.8	4136.7	4108.4	4092.6	4076.9	4065.1	4076.9	4092.6	4108.4	4136.7	4165.8
12.5°	4173.6	4137.5	4102.9	4079.3	4055.7	4041.5	4055.7	4079.3	4102.9	4137.5	4173.6
15°	4294.7	4244.4	4192.5	4163.4	4134.3	4112.3	4134.3	4163.4	4192.5	4244.4	4294.7
17.5°	4450.4	4376.5	4302.6	4276.6	4249.9	4238.1	4249.9	4276.6	4302.6	4376.5	4450.4
20°	4566.8	4467.7	4370.2	4330.9	4291.6	4277.4	4291.6	4330.9	4370.2	4467.7	4566.8
22.5°	4593.5	4477.1	4360.0	4323.0	4285.3	4269.6	4285.3	4323.0	4360.0	4477.1	4593.5
25°	4525.1	4402.4	4279.0	4241.2	4202.7	4190.9	4202.7	4241.2	4279.0	4402.4	4525.1
27.5°	4357.6	4249.1	4139.8	4099.7	4058.8	4033.7	4058.8	4099.7	4139.8	4249.1	4357.6
30°	4084.8	4003.8	3923.6	3898.4	3872.5	3860.7	3872.5	3898.4	3923.6	4003.8	4084.8
32.5°	3782.1	3731.7	3681.4	3664.9	3648.4	3640.5	3648.4	3664.9	3681.4	3731.7	3782.1
35°	3506.9	3470.7	3434.5	3421.1	3408.6	3396.8	3408.6	3421.1	3434.5	3470.7	3506.9
37.5°	3304.0	3261.5	3217.5	3193.9	3170.3	3153.0	3170.3	3193.9	3217.5	3261.5	3304.0
40°	3129.4	3068.1	3007.6	2975.3	2942.3	2925.0	2942.3	2975.3	3007.6	3068.1	3129.4
42.5°	2960.4	2889.6	2818.8	2769.3	2720.6	2689.1	2720.6	2769.3	2818.8	2889.6	2960.4
45°	2808.6	2729.2	2649.8	2590.8	2531.9	2492.5	2531.9	2590.8	2649.8	2729.2	2808.6
47.5°	2700.9	2632.5	2563.3	2511.4	2459.5	2421.8	2459.5	2511.4	2563.3	2632.5	2700.9
50°	2648.2	2594.0	2539.7	2491.0	2441.4	2406.0	2441.4	2491.0	2539.7	2594.0	2648.2
52.5°	2601.0	2561.7	2522.4	2480.0	2437.5	2406.0	2437.5	2480.0	2522.4	2561.7	2601.0
55°	2527.9	2499.6	2470.5	2439.1	2407.6	2382.5	2407.6	2439.1	2470.5	2499.6	2527.9
57.5°	2446.9	2417.1	2386.4	2362.8	2339.2	2327.4	2339.2	2362.8	2386.4	2417.1	2446.9
60°	2336.9	2313.3	2289.7	2267.7	2244.9	2225.2	2244.9	2267.7	2289.7	2313.3	2336.9
62.5°	2158.4	2147.4	2137.1	2112.0	2087.6	2060.1	2087.6	2112.0	2137.1	2147.4	2158.4
65°	*1948.4*	*1942.9*	*1938.2*	*1920.1*	*1902.8*	*1871.4*	*1902.8*	*1920.1*	*1938.2*	*1942.9*	*1948.4*
67.5°	1731.4	1721.2	1710.2	1691.3	1673.2	1666.9	1673.2	1691.3	1710.2	1721.2	1731.4
70°	1533.3	1517.5	1501.8	1459.4	1416.9	1368.1	1416.9	1459.4	1501.8	1517.5	1533.3
72.5°	1348.5	1324.1	1299.0	1249.4	1199.1	1148.0	1199.1	1249.4	1299.0	1324.1	1348.5
75°	1151.9	1117.3	1083.5	1030.8	978.9	943.5	978.9	1030.8	1083.5	1117.3	1151.9
77.5°	902.7	872.8	842.9	811.5	780.0	762.7	780.0	811.5	842.9	872.8	902.7
80°	646.3	624.3	601.5	585.8	570.1	558.3	570.1	585.8	601.5	624.3	646.3
82.5°	397.1	386.9	377.4	360.1	342.0	330.2	342.0	360.1	377.4	386.9	397.1
85°	153.3	151.0	149.4	143.1	137.6	133.7	137.6	143.1	149.4	151.0	153.3
87.5°	56.6	51.9	47.2	44.0	40.9	39.3	40.9	44.0	47.2	51.9	56.6
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: P1364134
CATALOG NUMBER: GSS-SB4D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	5126.6	5126.6	5126.6	5126.6	5126.6	5126.6	5126.6	5126.6	5126.6	5126.6	5126.6
2.5°	4742.1	4758.6	4783.8	4808.2	4842.8	4876.6	4905.7	4934.0	4966.2	4999.2	5040.9
5°	4469.3	4499.1	4536.1	4572.3	4618.7	4664.3	4716.2	4766.5	4827.8	4889.1	4963.1
7.5°	4296.3	4330.9	4384.3	4438.6	4496.0	4552.6	4620.2	4687.9	4768.1	4847.5	4938.7
10°	4216.1	4268.0	4327.7	4387.5	4462.2	4536.9	4608.4	4680.0	4761.8	4843.5	4939.5
12.5°	4237.3	4301.0	4381.2	4462.2	4551.8	4640.7	4706.7	4772.8	4829.4	4886.8	4966.2
15°	4386.7	4477.9	4590.4	4702.0	4784.6	4867.1	4889.9	4912.7	4917.5	4922.2	4974.1
17.5°	4585.6	4721.7	4878.9	5036.2	5094.4	5151.8	5106.9	5062.1	4984.3	4906.4	4913.5
20°	4745.3	4923.7	5129.8	5335.0	5340.5	5346.8	5225.7	5104.6	4952.8	4800.3	4756.3
22.5°	4813.7	5033.8	5235.9	5437.2	5393.2	5348.3	5173.8	4999.2	4800.3	4601.4	4536.1
25°	4738.2	4952.1	5118.0	5283.9	5200.5	5117.2	4929.2	4741.3	4557.3	4373.3	4301.8
27.5°	4530.6	4703.6	4805.0	4906.4	4812.9	4719.3	4568.3	4417.4	4280.6	4143.7	4074.6
30°	4208.2	4332.5	4399.3	4466.1	4391.4	4316.7	4214.5	4112.3	4013.2	3914.1	3860.7
32.5°	3863.8	3945.6	3997.5	4049.4	4008.5	3966.8	3891.3	3815.1	3750.6	3686.1	3663.3
35°	3579.2	3652.3	3695.6	3738.8	3707.4	3675.9	3613.8	3552.5	3510.0	3467.5	3486.4
37.5°	3366.1	3428.2	3459.7	3491.1	3445.5	3400.7	3348.8	3296.1	3277.3	3256.8	3308.7
40°	3188.4	3247.4	3253.7	3259.2	3203.3	3146.7	3097.2	3046.9	3049.2	3050.8	3126.3
42.5°	3009.9	3058.7	3046.9	3035.1	2975.3	2915.6	2866.0	2816.5	2826.7	2836.9	2932.9
45°	2853.4	2897.5	2870.0	2842.4	2776.4	2711.1	2667.1	2624.6	2640.4	2656.1	2753.6
47.5°	2730.0	2759.9	2730.0	2700.9	2627.8	2555.4	2509.8	2465.0	2475.2	2484.7	2569.6
50°	2653.7	2659.2	2605.8	2551.5	2494.1	2437.5	2388.7	2339.2	2327.4	2315.6	2385.6
52.5°	2591.6	2583.0	2525.6	2468.9	2410.0	2351.0	2305.4	2260.6	2224.4	2187.5	2240.1
55°	2516.1	2504.3	2451.7	2398.2	2343.1	2288.1	2233.8	2179.6	2127.7	2075.8	2134.0
57.5°	2437.5	2428.1	2365.9	2303.8	2248.8	2193.7	2134.8	2075.8	2023.9	1972.0	2053.0
60°	2324.3	2311.7	2248.8	2185.9	2129.3	2071.9	2012.1	1951.6	1917.8	1883.2	1985.4
62.5°	2139.5	2121.4	2060.9	2001.1	1953.9	1906.8	1839.1	1770.7	1767.6	1762.9	1896.5
65°	*1930.3*	*1912.3*	*1860.4*	*1808.5*	*1770.7*	*1733.8*	*1668.5*	*1604.0*	*1619.8*	*1635.5*	*1778.6*
67.5°	1711.0	1690.5	1655.1	1619.8	1589.1	1558.4	1498.7	1438.9	1471.1	1503.4	1630.8
70°	1522.3	1511.2	1482.9	1454.6	1427.9	1401.2	1352.4	1303.7	1324.1	1344.6	1420.0
72.5°	1341.4	1335.1	1308.4	1281.7	1258.8	1236.0	1199.1	1162.1	1176.3	1191.2	1207.7
75°	1140.1	1128.3	1100.8	1073.3	1055.2	1037.9	1009.6	981.3	991.5	1002.5	1011.2
77.5°	897.9	894.8	872.0	849.2	832.7	816.2	790.2	764.3	776.9	787.9	809.1
80°	646.3	646.3	628.2	609.4	603.9	597.6	578.7	559.8	569.3	577.9	603.9
82.5°	390.0	383.7	364.8	346.0	353.8	361.7	365.6	369.6	375.8	381.4	381.4
85°	148.6	143.1	144.7	145.5	148.6	151.0	163.5	174.6	184.0	192.6	191.9
87.5°	62.9	69.2	71.6	74.7	77.8	80.2	77.1	72.3	69.2	64.5	59.8
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: P1364134
CATALOG NUMBER: GSS-SB4D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	5126.6	5126.6	5126.6	5126.6	5126.6	5126.6	5126.6	5126.6	5126.6	5126.6	5126.6
2.5°	5083.4	5122.7	5167.5	5212.3	5256.3	5302.7	5348.3	5393.9	5439.5	5489.1	5539.4
5°	5038.5	5114.8	5203.7	5288.6	5374.3	5464.7	5555.1	5647.1	5739.9	5828.0	5916.8
7.5°	5030.7	5122.7	5240.6	5353.8	5466.3	5592.1	5717.9	5858.6	5999.4	6148.8	6298.2
10°	5036.2	5134.5	5260.3	5390.0	5519.8	5675.4	5830.3	6005.7	6180.2	6359.5	6538.0
12.5°	5046.4	5142.3	5279.9	5422.3	5565.4	5739.1	5912.9	6108.7	6304.5	6482.2	6659.9
15°	5026.0	5110.9	5264.2	5425.4	5586.6	5774.5	5961.6	6160.6	6359.5	6538.8	6718.8
17.5°	4920.6	4992.9	5172.2	5359.3	5547.3	5760.4	5974.2	6186.5	6398.8	6566.3	6734.6
20°	4711.4	4757.1	4994.5	5241.4	5488.3	5739.1	5990.0	6218.0	6446.0	6615.8	6785.7
22.5°	4470.1	4513.3	4796.4	5106.2	5416.0	5722.6	6029.3	6279.3	6530.1	6685.0	6840.7
25°	4230.2	4234.2	4558.9	4945.0	5331.0	5721.0	6111.0	6384.7	6658.3	6792.8	6927.2
27.5°	4006.1	3986.5	4318.3	4779.9	5240.6	5736.0	6231.3	6538.8	6847.0	6950.0	7053.0
30°	3807.2	3786.0	4108.4	4636.0	5164.3	5768.2	6372.9	6721.2	7068.7	7148.9	7229.9
32.5°	3640.5	3640.5	3937.7	4510.2	5083.4	5804.4	6526.2	6935.9	7345.5	7395.8	7446.2
35°	3505.3	3554.0	3783.6	4367.1	4949.7	5795.7	6642.6	7163.9	7686.0	7748.9	7811.8
37.5°	3359.0	3451.8	3632.7	4208.2	4784.6	5771.4	6758.2	7442.2	8126.3	8201.0	8275.7
40°	3201.8	3318.1	3461.2	4018.7	4576.2	5716.3	6856.4	7760.7	8664.9	8812.7	8959.8
42.5°	3028.8	3172.7	3272.5	3793.1	4312.8	5621.2	6928.8	8112.9	9295.5	9607.7	9919.0
45°	2852.7	2995.8	3086.2	3563.5	4041.5	5555.9	7070.3	8591.0	10111.7	10611.0	11110.3
47.5°	2653.7	2787.4	2892.0	3335.4	3780.5	5479.7	7178.8	9082.4	10986.0	11618.2	12250.4
50°	2454.8	2586.9	2730.0	3132.6	3534.4	5349.9	7164.7	9511.0	11857.2	12714.3	13571.4
52.5°	2292.0	2433.6	2616.8	2950.2	3285.1	5084.1	6884.0	9713.8	12542.9	13904.7	15265.8
55°	2192.2	2358.9	2541.3	2797.6	3052.4	4731.9	6409.8	9660.4	12910.9	15100.7	17290.5
57.5°	2134.8	2339.2	2492.5	2668.7	2844.8	4363.1	5881.4	9368.6	12855.8	16104.8	19354.5
60°	2087.6	2292.0	2412.3	2535.8	2659.2	3896.9	5134.5	8669.6	12204.8	16554.5	20903.5
62.5°	2030.2	2225.2	2276.3	2344.7	2413.9	3305.6	4197.2	7524.0	10850.8	15556.7	20262.7
65°	*1922.5*	*2083.7*	*2097.8*	*2112.0*	*2126.9*	*2597.9*	*3068.1*	*5901.9*	*8735.7*	*13418.0*	*18100.4*
67.5°	1757.4	1867.4	1846.2	1804.5	1762.9	1986.2	2209.5	4592.7	6976.0	11523.9	16071.8
70°	1495.5	1549.0	1555.3	1493.2	1431.0	1509.7	1588.3	3519.4	5450.6	9790.1	14129.6
72.5°	1225.0	1191.2	1254.1	1207.0	1159.8	1160.6	1162.1	2645.9	4129.6	8129.4	12128.5
75°	1020.6	998.6	973.4	916.8	861.0	865.7	871.2	1961.0	3050.8	6490.8	9930.8
77.5°	829.5	825.6	753.3	691.9	630.6	627.5	622.7	1267.5	1912.3	4258.5	6604.8
80°	629.0	633.0	530.7	467.1	402.6	399.4	394.7	700.6	1006.5	2441.4	3876.4
82.5°	381.4	365.6	308.2	276.8	245.3	244.5	243.7	376.6	509.5	1223.5	1938.2
85°	190.3	180.8	149.4	129.0	108.5	103.0	98.3	119.5	141.5	290.9	440.3
87.5°	55.0	47.2	43.2	39.3	35.4	33.0	31.5	32.2	33.0	34.6	35.4
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: P1364134
CATALOG NUMBER: GSS-SB4D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	5126.6	5126.6	5126.6	5126.6	5126.6	5126.6	5126.6	5126.6	*5126.6*	5126.6	5126.6
2.5°	5559.1	5578.7	5600.0	5622.0	5634.5	5647.1	5660.5	5673.1	*5684.9*	5673.1	5660.5
5°	6005.7	6093.7	6153.5	6213.3	6258.9	6304.5	6330.4	6357.1	*6361.1*	6357.1	6330.4
7.5°	6403.5	6508.9	6600.1	6691.3	6749.5	6807.7	6841.5	6876.1	*6887.9*	6876.1	6841.5
10°	6661.4	6785.7	6873.7	6962.6	7016.8	7070.3	7097.0	7123.8	*7131.6*	7123.8	7097.0
12.5°	6778.6	6897.3	6965.7	7033.4	7068.0	7101.8	7114.3	7125.4	*7115.9*	7125.4	7114.3
15°	6788.8	6858.0	6887.1	6915.4	6898.9	6881.6	6857.2	6832.9	*6817.1*	6832.9	6857.2
17.5°	6758.9	6784.1	6731.4	6679.5	6585.2	6490.8	6420.1	6349.3	*6298.2*	6349.3	6420.1
20°	6746.4	6707.0	6567.1	6427.9	6251.0	6074.1	5955.4	5835.8	*5763.5*	5835.8	5955.4
22.5°	6729.9	6619.0	6383.9	6148.8	5906.6	5665.2	5528.4	5392.4	*5315.3*	5392.4	5528.4
25°	6736.9	6545.9	6228.2	5911.3	5626.7	5342.8	5194.2	5046.4	*4961.5*	5046.4	5194.2
27.5°	6762.1	6471.2	6078.0	5684.9	5376.6	5067.6	4926.1	4784.6	*4709.9*	4784.6	4926.1
30°	6843.9	6457.0	5986.8	5515.8	5193.4	4871.1	4732.7	4593.5	*4513.3*	4593.5	4732.7
32.5°	6958.7	6471.2	5944.3	5417.5	5088.9	4761.0	4628.1	4496.0	*4426.8*	4496.0	4628.1
35°	7194.5	6577.3	5993.1	5409.7	5104.6	4800.3	4702.8	4606.1	*4568.3*	4606.1	4702.8
37.5°	7554.7	6832.9	6231.3	5629.8	5422.3	5214.7	5214.7	5214.7	*5244.6*	5214.7	5214.7
40°	8149.9	7340.0	6770.7	6202.3	6189.7	6178.7	6310.8	6443.6	*6502.6*	6443.6	6310.8
42.5°	9062.8	8207.3	7748.1	7288.9	7564.1	7839.3	8221.4	8603.6	*8853.6*	8603.6	8221.4
45°	10276.8	9443.3	9122.5	8802.5	9415.0	10026.8	10702.2	11377.6	*11857.2*	11377.6	10702.2
47.5°	11549.0	10846.9	10663.7	10481.2	11499.5	12517.7	13507.7	14497.6	*15081.0*	14497.6	13507.7
50°	12940.8	12309.4	12274.0	12238.6	13594.9	14951.3	16229.0	17506.7	*18218.3*	17506.7	16229.0
52.5°	14573.1	13879.6	13907.9	13934.6	15545.7	17156.8	18701.9	20247.0	*21049.0*	20247.0	18701.9
55°	16421.7	15552.8	15548.1	15543.4	17394.3	19246.8	21144.9	23044.6	*24115.5*	23044.6	21144.9
57.5°	18540.7	17726.9	17533.5	17339.3	19275.1	21210.2	23306.4	25403.4	*26529.4*	25403.4	23306.4
60°	20455.3	20007.1	19697.3	19388.3	21376.1	23364.6	25530.0	27694.7	*28817.5*	27694.7	25530.0
62.5°	21063.9	21865.1	21842.3	21819.5	23965.3	26111.1	28363.0	30616.5	*31624.6*	30616.5	28363.0
65°	*19378.1*	*20655.8*	*21534.9*	*22413.2*	*25007.1*	*27600.3*	*29946.6*	*32292.9*	*33322.9*	*32292.9*	*29946.6*
67.5°	17197.7	18324.5	19043.9	19763.4	22686.0	25609.4	28271.8	30934.2	*31994.1*	30934.2	28271.8
70°	15376.7	16623.7	17138.0	17652.2	20135.3	22617.6	24724.1	26829.8	*27244.9*	26829.8	24724.1
72.5°	13611.5	15095.2	15313.0	15530.8	17337.7	19144.6	20266.6	21388.6	*20482.8*	21388.6	20266.6
75°	11604.1	13276.5	13422.0	13567.4	14130.4	14694.2	14979.6	15265.8	*14750.8*	15265.8	14979.6
77.5°	8053.2	9502.3	9828.6	10154.9	10530.0	10905.8	10886.2	10866.5	*10143.1*	10866.5	10886.2
80°	5009.4	6142.5	6185.0	6227.4	6508.9	6789.6	7076.6	7363.6	*6903.6*	7363.6	7076.6
82.5°	2560.2	3182.9	3278.8	3374.8	3547.0	3719.1	3799.4	3880.3	*3491.1*	3880.3	3799.4
85°	602.3	764.3	920.7	1077.2	1258.1	1438.9	1418.5	1398.0	*1179.4*	1398.0	1418.5
87.5°	36.2	37.7	38.5	39.3	40.1	40.9	43.2	45.6	*47.2*	45.6	43.2
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: P1364134
CATALOG NUMBER: GSS-SB4D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	5126.6	5126.6	5126.6	5126.6	5126.6	5126.6	5126.6
2.5°	5647.1	5634.5	5622.0	5600.0	5578.7	5559.1	5539.4
5°	6304.5	6258.9	6213.3	6153.5	6093.7	6005.7	5916.8
7.5°	6807.7	6749.5	6691.3	6600.1	6508.9	6403.5	6298.2
10°	7070.3	7016.8	6962.6	6873.7	6785.7	6661.4	6538.0
12.5°	7101.8	7068.0	7033.4	6965.7	6897.3	6778.6	6659.9
15°	6881.6	6898.9	6915.4	6887.1	6858.0	6788.8	6718.8
17.5°	6490.8	6585.2	6679.5	6731.4	6784.1	6758.9	6734.6
20°	6074.1	6251.0	6427.9	6567.1	6707.0	6746.4	6785.7
22.5°	5665.2	5906.6	6148.8	6383.9	6619.0	6729.9	6840.7
25°	5342.8	5626.7	5911.3	6228.2	6545.9	6736.9	6927.2
27.5°	5067.6	5376.6	5684.9	6078.0	6471.2	6762.1	7053.0
30°	4871.1	5193.4	5515.8	5986.8	6457.0	6843.9	7229.9
32.5°	4761.0	5088.9	5417.5	5944.3	6471.2	6958.7	7446.2
35°	4800.3	5104.6	5409.7	5993.1	6577.3	7194.5	7811.8
37.5°	5214.7	5422.3	5629.8	6231.3	6832.9	7554.7	8275.7
40°	6178.7	6189.7	6202.3	6770.7	7340.0	8149.9	8959.8
42.5°	7839.3	7564.1	7288.9	7748.1	8207.3	9062.8	9919.0
45°	10026.8	9415.0	8802.5	9122.5	9443.3	10276.8	11110.3
47.5°	12517.7	11499.5	10481.2	10663.7	10846.9	11549.0	12250.4
50°	14951.3	13594.9	12238.6	12274.0	12309.4	12940.8	13571.4
52.5°	17156.8	15545.7	13934.6	13907.9	13879.6	14573.1	15265.8
55°	19246.8	17394.3	15543.4	15548.1	15552.8	16421.7	17290.5
57.5°	21210.2	19275.1	17339.3	17533.5	17726.9	18540.7	19354.5
60°	23364.6	21376.1	19388.3	19697.3	20007.1	20455.3	20903.5
62.5°	26111.1	23965.3	21819.5	21842.3	21865.1	21063.9	20262.7
65°	*27600.3*	*25007.1*	*22413.2*	*21534.9*	*20655.8*	*19378.1*	*18100.4*
67.5°	25609.4	22686.0	19763.4	19043.9	18324.5	17197.7	16071.8
70°	22617.6	20135.3	17652.2	17138.0	16623.7	15376.7	14129.6
72.5°	19144.6	17337.7	15530.8	15313.0	15095.2	13611.5	12128.5
75°	14694.2	14130.4	13567.4	13422.0	13276.5	11604.1	9930.8
77.5°	10905.8	10530.0	10154.9	9828.6	9502.3	8053.2	6604.8
80°	6789.6	6508.9	6227.4	6185.0	6142.5	5009.4	3876.4
82.5°	3719.1	3547.0	3374.8	3278.8	3182.9	2560.2	1938.2
85°	1438.9	1258.1	1077.2	920.7	764.3	602.3	440.3
87.5°	40.9	40.1	39.3	38.5	37.7	36.2	35.4
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: SP1-2407-184-1

Test Date: 10/09/2024

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

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

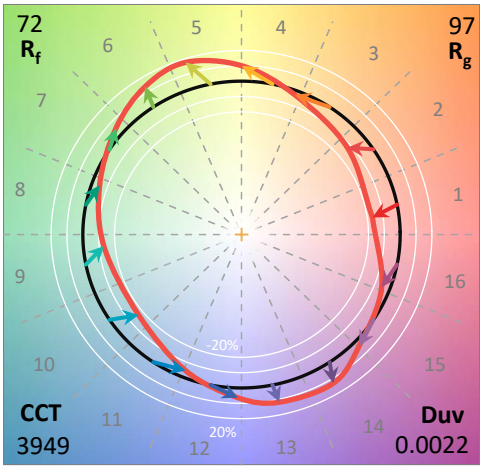
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Version: v7.04

Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-1
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	10/15/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGraw-Edison
Catalog Number:	**GSS-SB1A-740-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 4000K CCT 26 LEDS

Spectral Parameters

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



Test Conditions

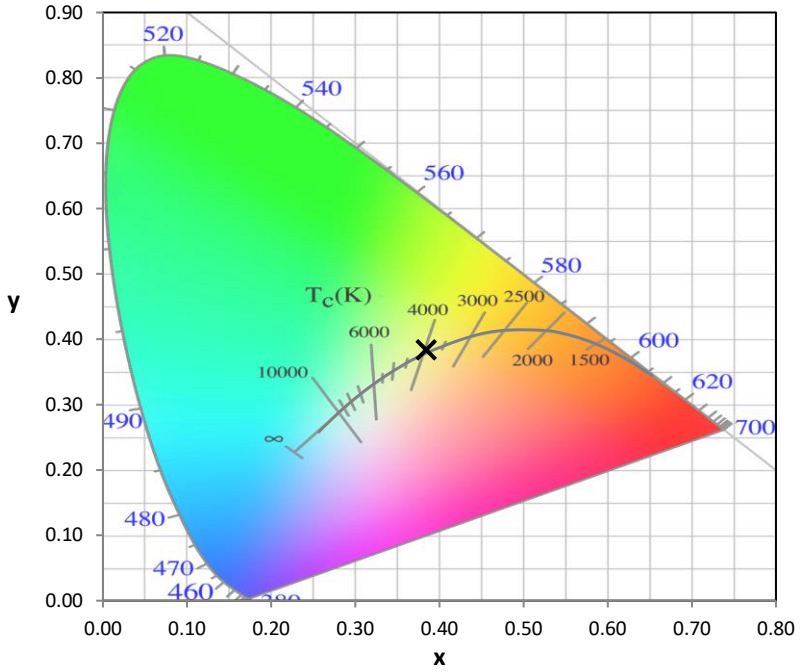
Stabilization Time:	34M
Operation Time:	1H 34M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-1

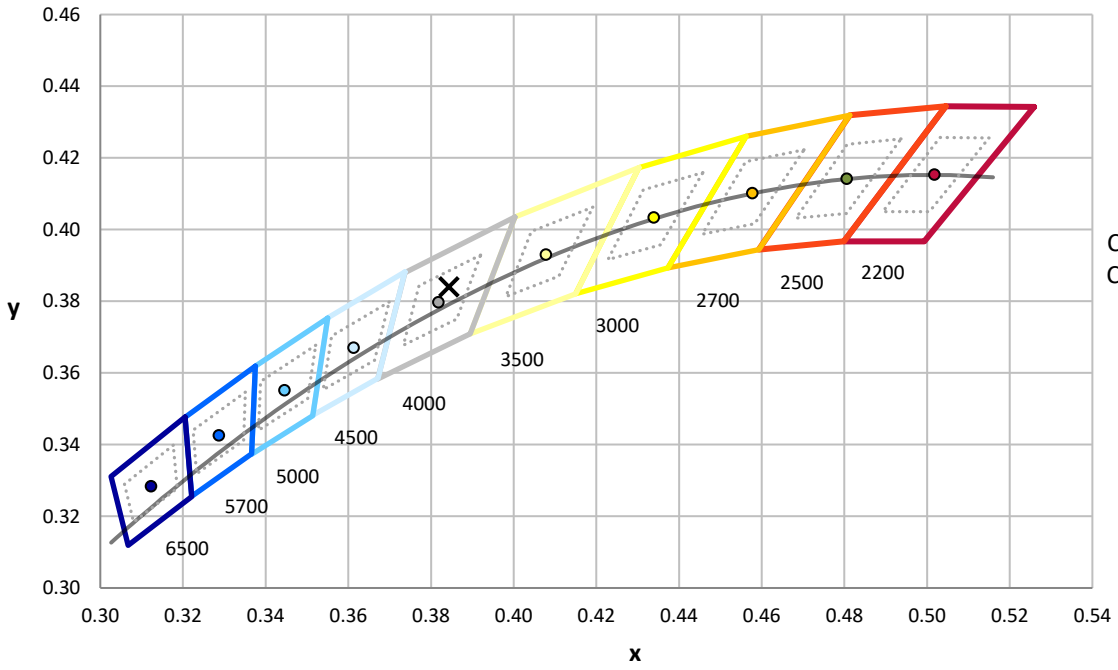
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-1

CIE 1931 Chromaticity Diagram



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

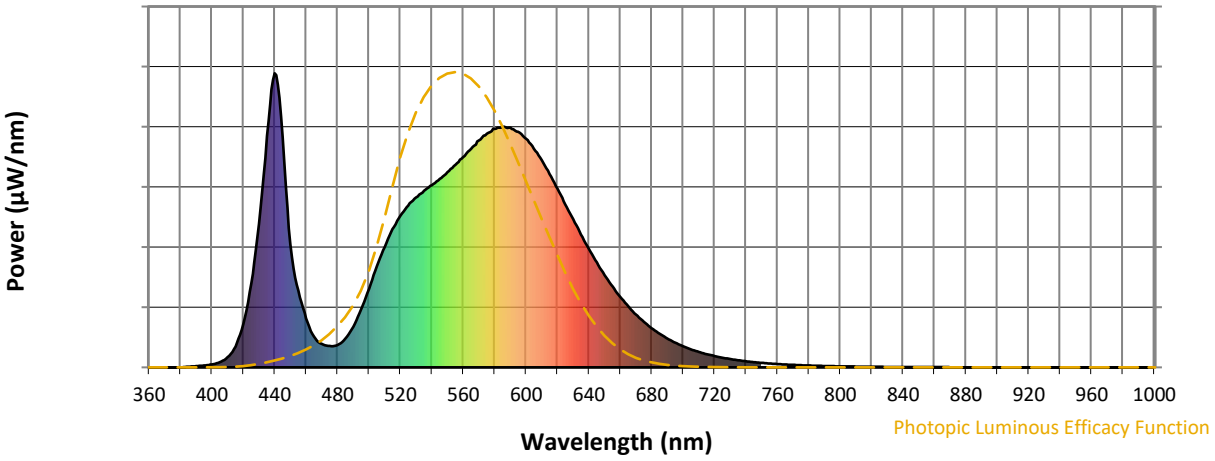


CCT = 3949K
CIE x = 0.3844
CIE y = 0.3840
Duv = 0.0022

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

Photopic Flux vs. Wavelength

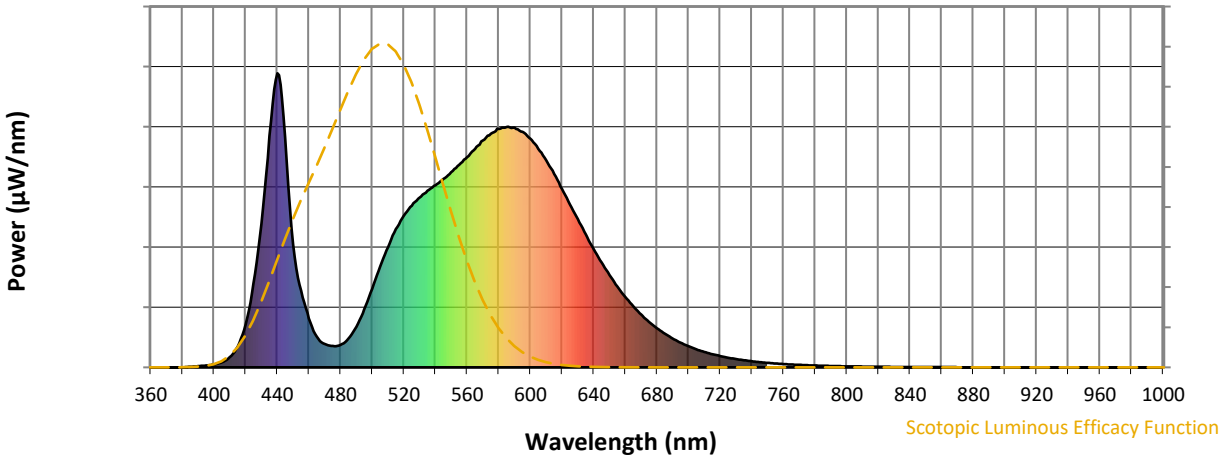


Photopic Lumens: NR

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-1

Scotopic Flux vs. Wavelength

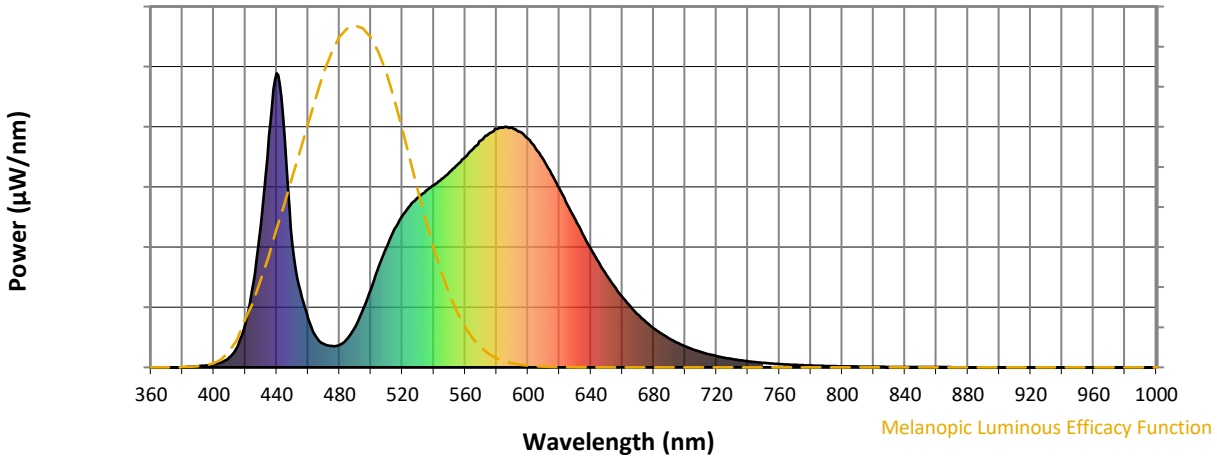


Scotopic Lumens: NR **S/P: 1.47**

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-1

Melanopic Flux vs. Wavelength



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

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

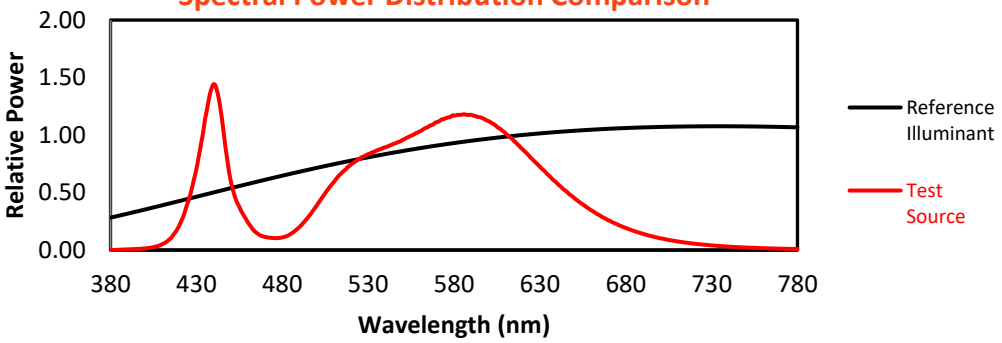
REPORT NUMBER: SP1-2407-184-1

TM-30-18

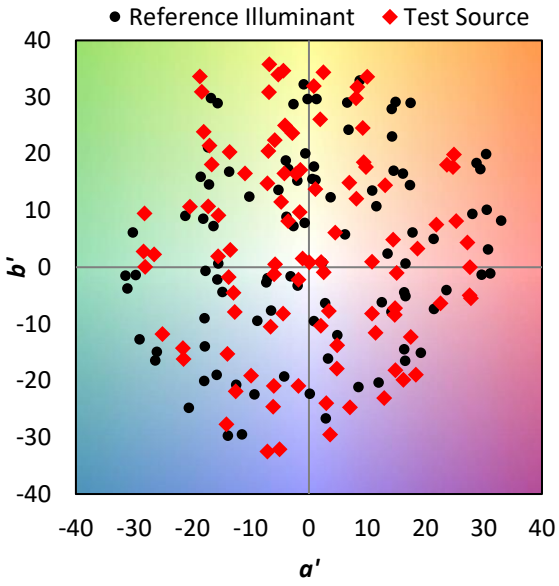
Summary

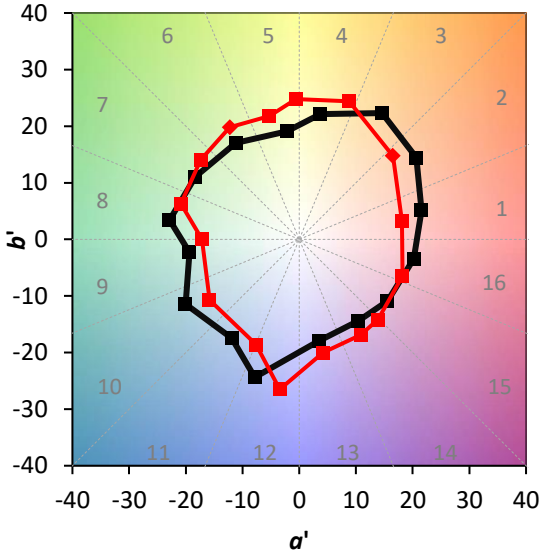
R_f = 71.8
R_g = 96.5
CIE R_a = 70.7
R_9 = -36.7

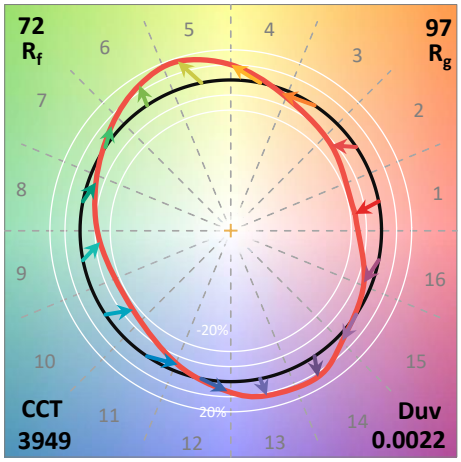
Spectral Power Distribution Comparison

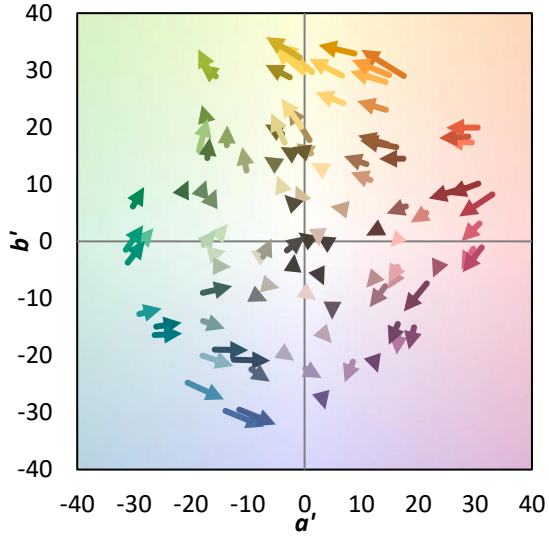


Color Vector Graphics







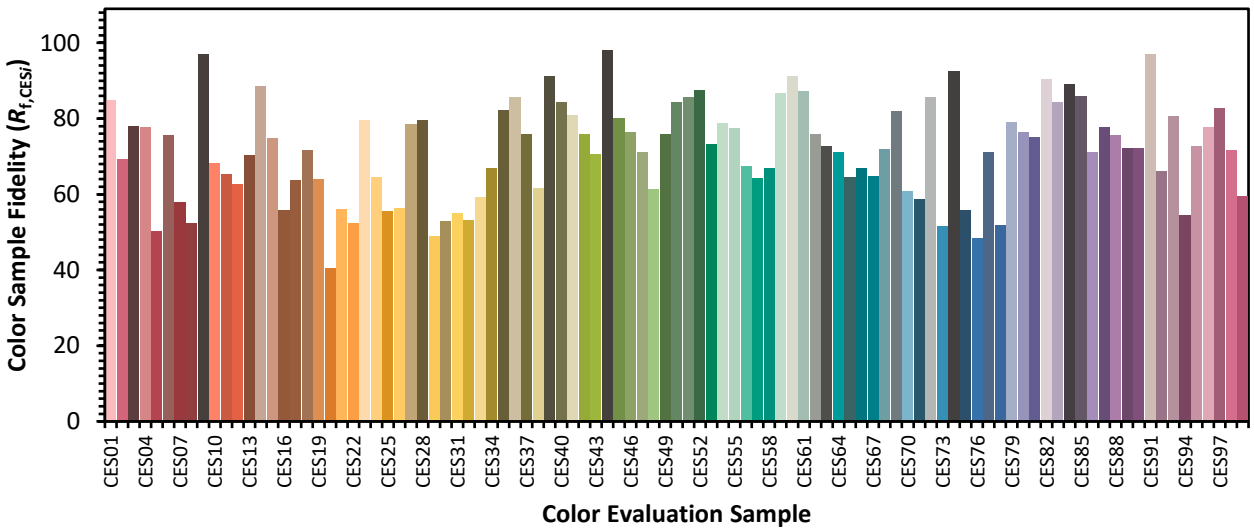


REPORT NUMBER: SP1-2407-184-1

TM-30-18

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

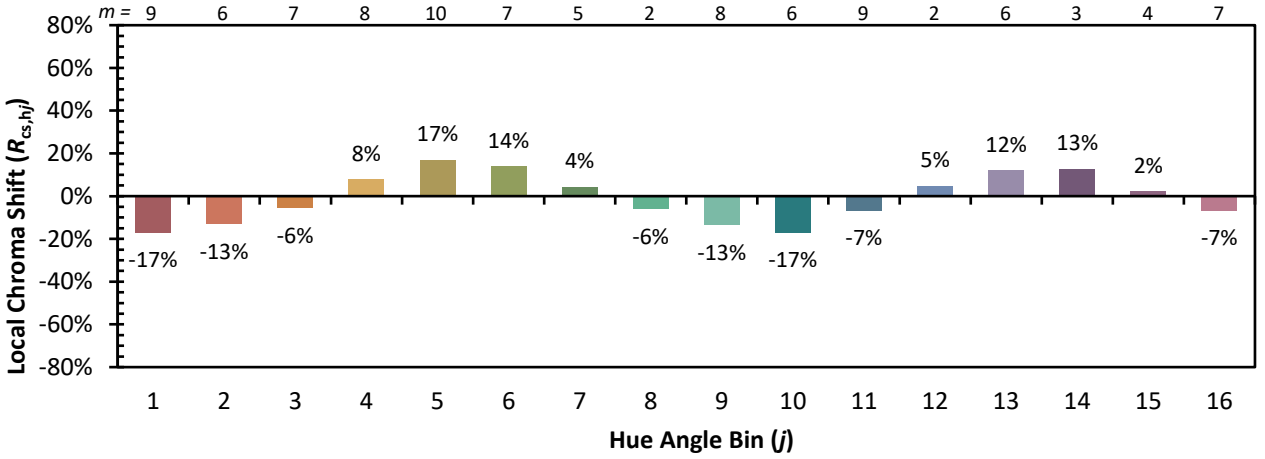
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CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57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

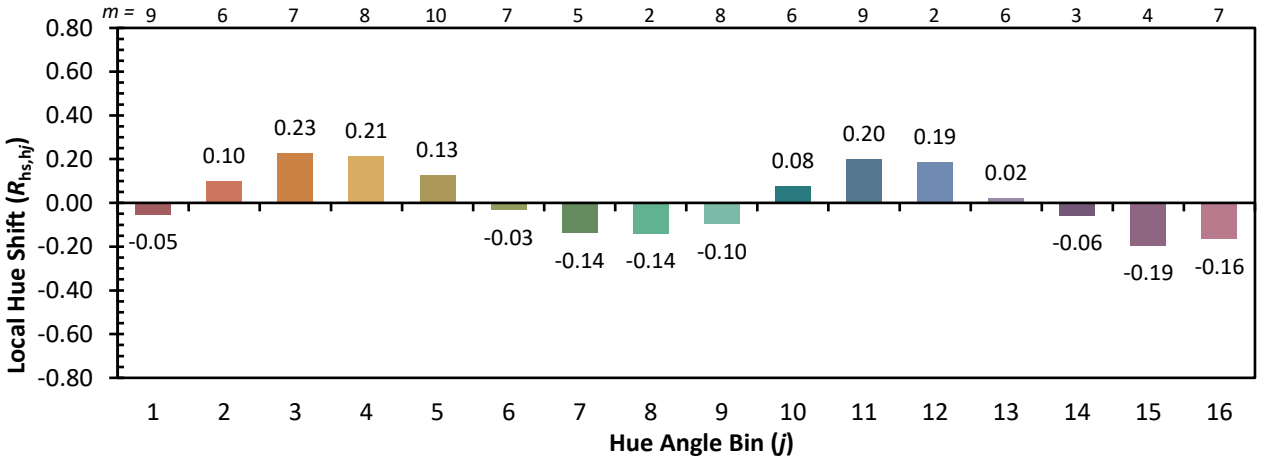


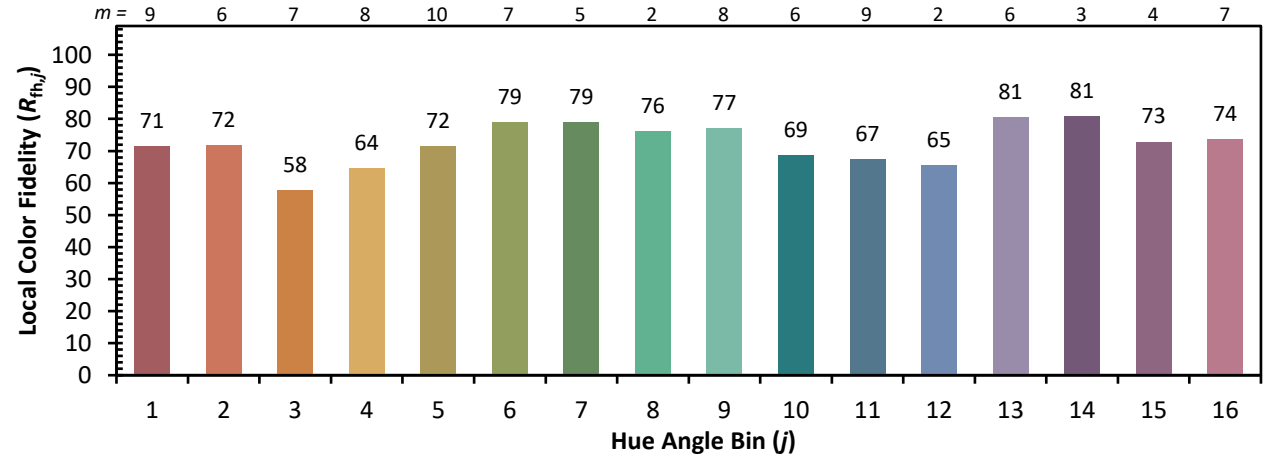
REPORT NUMBER: SP1-2407-184-1

TM-30-18

Color Rendition by Hue-Angle Bin



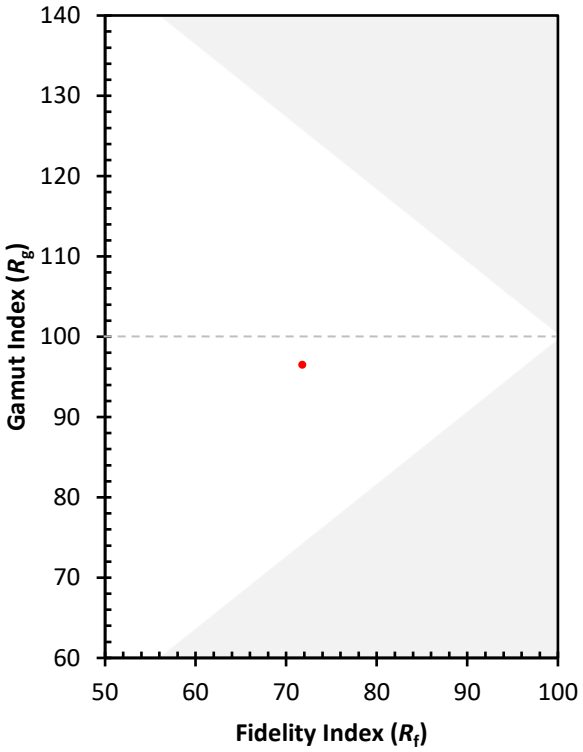


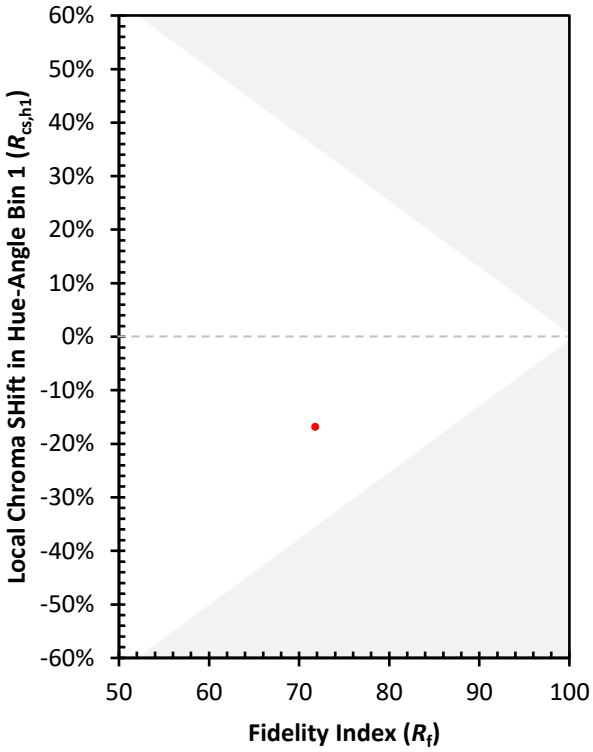


REPORT NUMBER: SP1-2407-184-1

TM-30-18

Measure Comparisons





(END OF REPORT)