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: P1364212

Luminaire Tested: **GSS-SB6B-730-U-SLR**

Issue Date: 02/18/2026

Report Generated By 670245763

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

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P1364212
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB6B-730-U-SLR
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 6SQUARE 219W 70CRI 3000K FIXTURE w/ 90° Spill Light Eliminator RIGHT OPTIC
Light Source:	(156) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	31223.3 lumens
Efficiency:	N/A
Efficacy:	142.6 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - U0 - G4

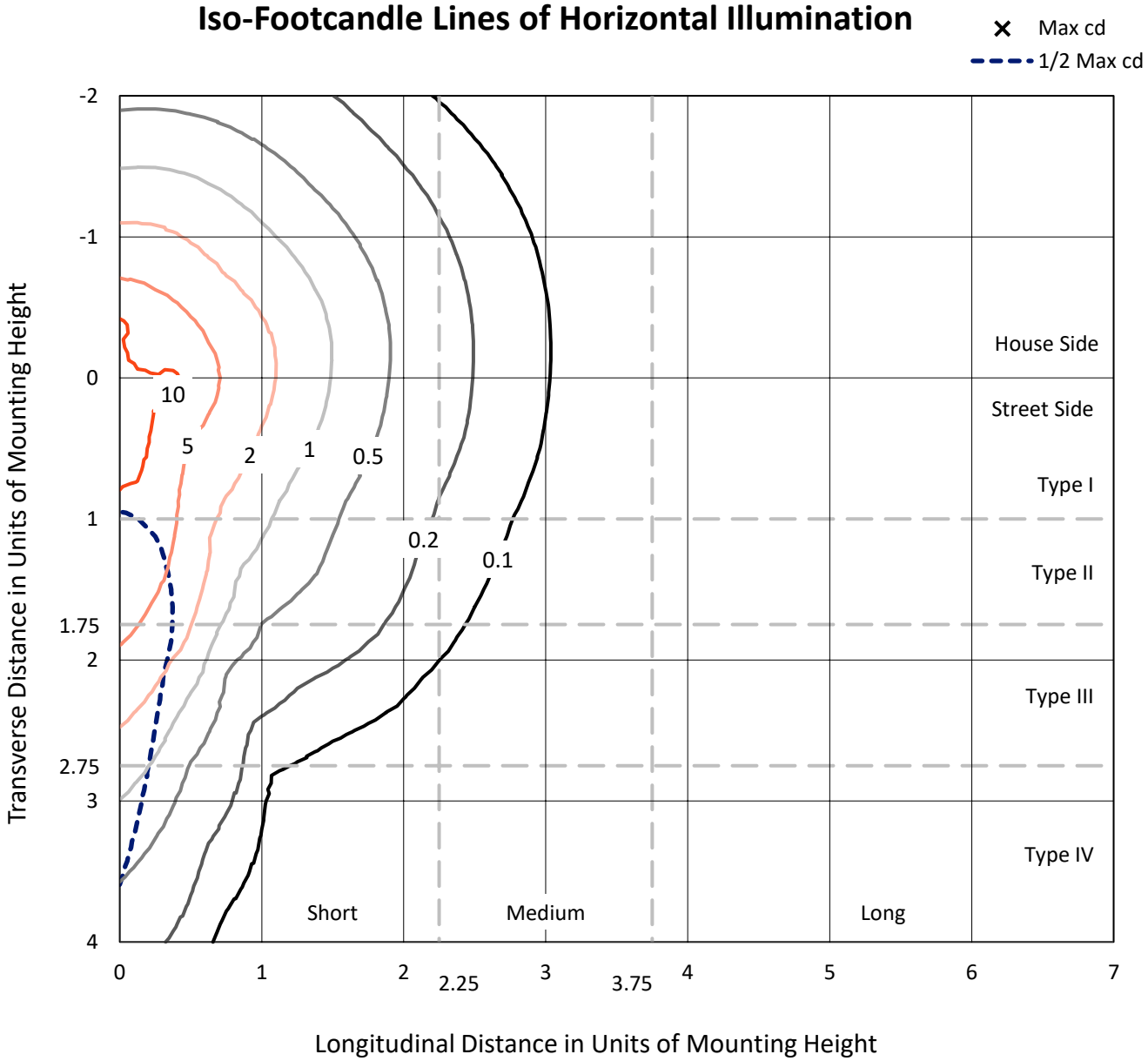
Input Watts (W):	219
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	8.7%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1364212
CATALOG NUMBER: GSS-SB6B-730-U-SLR

Iso-Footcandle Lines of Horizontal Illumination



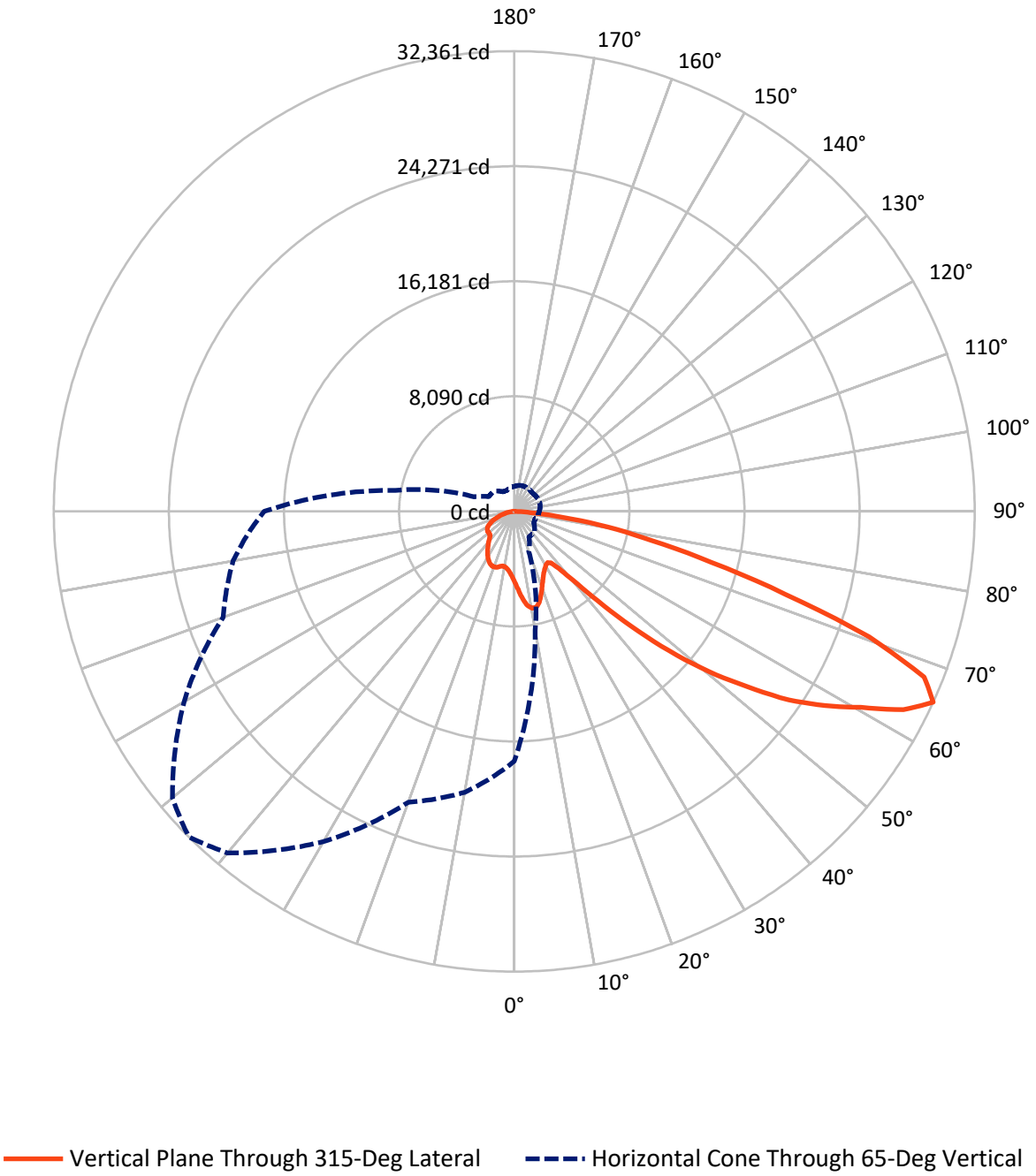
Based on 20 foot mounting height. Maximum calculated value = 14.8 fc
Type IV - Short - N/A

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

Scaled Data Report

REPORT NUMBER: P1364212
CATALOG NUMBER: GSS-SB6B-730-U-SLR

Luminous Intensity Polar Plot



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

Scaled Data Report

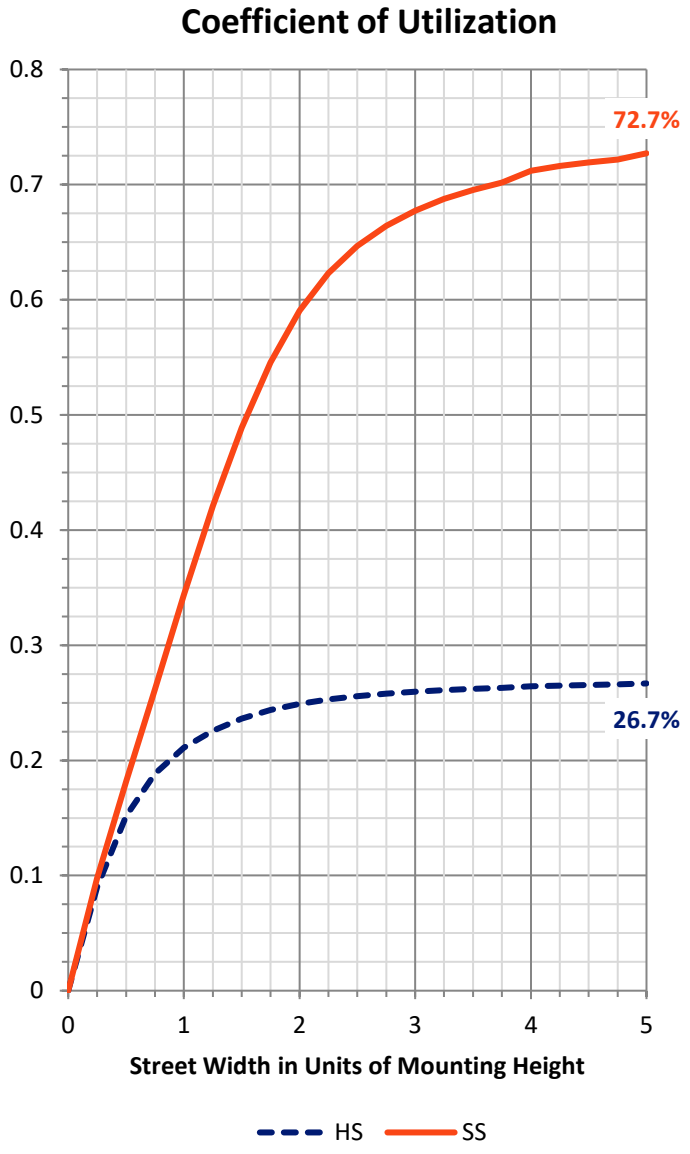
REPORT NUMBER: P1364212
CATALOG NUMBER: GSS-SB6B-730-U-SLR

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	8399.7	0.0	8399.7
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	22823.5	0.0	22823.5
	% Fixture	73.1	0.0	73.1
Total	Lumens	31223.3	0.0	31223.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	491.6	1.6
10°-20°	1506.5	4.8
20°-30°	2331.5	7.5
30°-40°	2892.7	9.3
40°-50°	4230.0	13.5
50°-60°	6625.8	21.2
60°-70°	7862.0	25.2
70°-80°	4585.5	14.7
80°-90°	697.6	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°	31223.3	100.0
0°-180°	31223.3	100.0



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

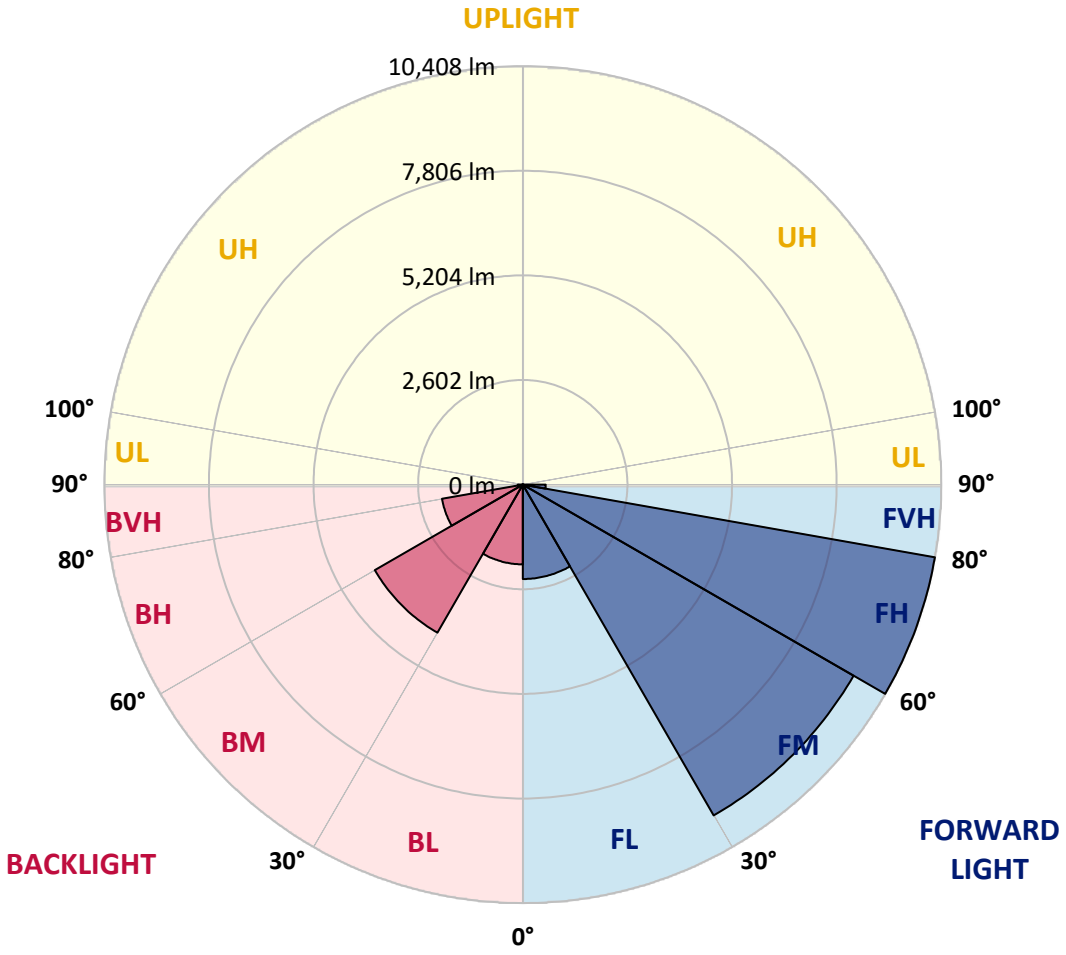
Scaled Data Report

REPORT NUMBER: P1364212
CATALOG NUMBER: GSS-SB6B-730-U-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2346.7	7.5			
FM	(30°-60°)	9498.8	30.4			
FH	(60°-80°)	10407.5	33.3			G4/12000
FVH	(80°-90°)	570.5	1.8			G4/750
BL	(0°-30°)	1982.9	6.4	B3/2500		
BM	(30°-60°)	4249.8	13.6	B3/5000		
BH	(60°-80°)	2039.9	6.5	B3/2500		G3/2500
BVH	(80°-90°)	127.1	0.4			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G4
Type IV Short



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

Scaled Data Report

REPORT NUMBER: P1364212
CATALOG NUMBER: GSS-SB6B-730-U-SLR

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	4978.6	4978.6	4978.6	4978.6	4978.6	4978.6	4978.6	4978.6	4978.6	4978.6	4978.6
2.5°	5379.5	5330.6	5282.5	5238.2	5193.9	5149.7	5104.6	5061.8	5018.3	4974.8	4936.6
5°	5746.0	5659.7	5574.2	5484.1	5394.8	5307.0	5219.1	5135.9	5053.4	4967.2	4893.1
7.5°	6116.4	5971.3	5826.2	5689.5	5552.8	5430.7	5308.5	5199.3	5089.3	4974.8	4885.4
10°	6349.3	6175.9	6001.8	5832.3	5662.0	5511.6	5360.4	5234.4	5108.4	4986.2	4890.8
12.5°	6467.6	6295.0	6122.5	5932.3	5742.2	5573.4	5404.7	5265.7	5127.5	4993.9	4900.7
15°	6524.9	6350.0	6175.9	5982.7	5789.5	5607.8	5425.3	5268.8	5112.2	4963.3	4880.9
17.5°	6540.1	6376.7	6214.1	6007.9	5801.8	5594.1	5387.1	5204.6	5022.9	4848.8	4778.5
20°	6589.8	6424.8	6259.9	6038.5	5817.0	5573.4	5329.9	5090.1	4850.3	4619.7	4575.4
22.5°	6643.2	6492.0	6341.6	6098.0	5855.2	5557.4	5259.6	4958.8	4657.9	4383.0	4341.0
25°	6727.2	6596.7	6466.1	6200.4	5934.6	5555.9	5177.1	4802.2	4427.3	4111.9	4108.1
27.5°	6849.4	6749.4	6649.3	6350.0	6051.5	5570.4	5089.3	4641.9	4193.6	3871.4	3890.5
30°	7021.2	6942.6	6864.7	6527.2	6188.9	5601.7	5015.3	4502.1	3989.8	3676.7	3697.3
32.5°	7231.2	7182.3	7133.5	6735.6	6337.8	5636.8	4936.6	4380.0	3824.1	3535.4	3535.4
35°	7586.3	7525.2	7464.1	6957.1	6450.8	5628.4	4806.8	4241.0	3674.4	3451.4	3404.1
37.5°	8036.8	7964.2	7891.7	7227.4	6563.1	5604.8	4646.4	4086.7	3527.8	3352.2	3262.1
40°	8701.1	8558.3	8414.8	7536.6	6658.5	5551.3	4444.1	3902.7	3361.3	3222.4	3109.3
42.5°	9632.7	9330.3	9027.2	7878.7	6728.8	5458.9	4188.3	3683.6	3178.1	3081.1	2941.3
45°	10789.5	10304.6	9819.8	8343.0	6866.2	5395.5	3924.9	3460.6	2997.1	2909.3	2770.3
47.5°	11896.7	11282.8	10668.9	8820.2	6971.6	5321.5	3671.3	3239.1	2808.5	2706.9	2577.1
50°	13179.6	12347.3	11514.9	9236.4	6957.8	5195.5	3432.3	3042.1	2651.2	2512.2	2383.9
52.5°	14825.1	13503.3	12180.8	9433.4	6685.2	4937.4	3190.3	2865.0	2541.2	2363.3	2225.9
55°	16791.3	14664.7	12538.2	9381.5	6224.8	4595.3	2964.3	2716.9	2467.9	2290.8	2128.9
57.5°	18795.8	15639.9	12484.7	9098.2	5711.7	4237.2	2762.7	2591.6	2420.6	2271.7	2073.1
60°	20300.0	16076.6	11852.4	8419.3	4986.2	3784.4	2582.5	2462.6	2342.7	2225.9	2027.3
62.5°	19677.7	15107.6	10537.5	7306.8	4076.0	3210.1	2344.2	2277.0	2210.6	2161.0	1971.6
65°	*17577.8*	*13030.7*	*8483.5*	*5731.5*	*2979.5*	*2522.9*	*2065.5*	*2051.0*	*2037.3*	*2023.5*	*1867.0*
67.5°	15607.8	11191.2	6774.6	4460.1	2145.7	1928.8	1712.0	1752.4	1792.9	1813.5	1706.6
70°	13721.7	9507.5	5293.2	3417.8	1542.5	1466.1	1389.7	1450.1	1510.4	1504.3	1452.3
72.5°	11778.4	7894.8	4010.4	2569.5	1128.6	1127.1	1126.3	1172.1	1217.9	1156.8	1189.7
75°	9644.1	6303.4	2962.7	1904.4	846.1	840.7	836.1	890.3	945.3	969.8	991.1
77.5°	6414.2	4135.6	1857.1	1230.9	604.8	609.3	612.4	672.0	731.5	801.8	805.6
80°	3764.5	2370.9	977.4	680.4	383.3	387.9	391.0	453.6	515.4	614.7	610.9
82.5°	1882.2	1188.1	494.8	365.8	236.7	237.5	238.2	268.8	299.3	355.1	370.3
85°	427.6	282.5	137.4	116.1	95.4	100.0	105.4	125.2	145.1	175.6	184.8
87.5°	34.4	33.6	32.1	31.3	30.5	32.1	34.4	38.2	42.0	45.8	53.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

Scaled Data Report

REPORT NUMBER: P1364212
CATALOG NUMBER: GSS-SB6B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	4978.6	4978.6	4978.6	4978.6	4978.6	4978.6	4978.6	4978.6	4978.6	4978.6	4978.6
2.5°	4895.4	4854.9	4822.8	4791.5	4764.0	4735.8	4703.0	4669.4	4645.7	4621.2	4605.2
5°	4819.8	4748.0	4688.4	4628.9	4580.0	4529.6	4485.3	4440.3	4405.2	4369.3	4340.2
7.5°	4796.1	4707.5	4630.4	4552.5	4486.9	4421.2	4366.2	4310.5	4257.8	4205.9	4172.3
10°	4796.9	4703.7	4624.3	4544.9	4475.4	4405.9	4333.4	4260.8	4202.8	4144.8	4094.4
12.5°	4822.8	4745.7	4690.0	4635.0	4570.9	4506.7	4420.4	4333.4	4254.7	4176.8	4115.0
15°	4830.5	4780.1	4775.5	4770.9	4748.8	4726.6	4646.4	4566.3	4457.8	4348.6	4260.1
17.5°	4771.7	4764.8	4840.4	4916.0	4959.5	5003.0	4947.3	4890.8	4738.1	4585.4	4453.3
20°	4619.0	4661.7	4809.9	4957.2	5074.8	5192.4	5186.3	5181.0	4981.7	4781.6	4608.3
22.5°	4405.2	4468.5	4661.7	4854.9	5024.4	5193.9	5237.5	5280.2	5084.7	4888.5	4674.7
25°	4177.6	4247.1	4425.8	4604.4	4786.9	4969.4	5050.4	5131.3	4970.2	4809.1	4601.4
27.5°	3956.9	4024.1	4157.0	4289.8	4436.5	4583.1	4673.9	4764.8	4666.3	4567.8	4399.8
30°	3749.2	3801.2	3897.4	3993.6	4092.8	4192.1	4264.7	4337.2	4272.3	4207.4	4086.7
32.5°	3557.6	3579.7	3642.3	3704.9	3779.0	3852.3	3892.8	3932.5	3882.1	3831.7	3752.3
35°	3385.8	3367.4	3408.7	3449.9	3509.5	3569.8	3600.3	3630.9	3588.9	3546.9	3475.9
37.5°	3213.2	3162.8	3182.6	3201.0	3252.1	3302.5	3346.1	3390.3	3359.8	3329.3	3268.9
40°	3036.0	2962.7	2961.2	2958.9	3007.8	3055.9	3110.9	3165.1	3159.7	3153.6	3096.4
42.5°	2848.2	2755.0	2745.1	2735.2	2783.3	2831.4	2889.4	2947.5	2958.9	2970.4	2923.0
45°	2674.1	2579.4	2564.1	2548.9	2590.1	2632.9	2696.2	2760.4	2787.1	2813.8	2771.1
47.5°	2495.4	2412.9	2403.8	2393.9	2437.4	2481.7	2551.9	2622.9	2651.2	2680.2	2651.2
50°	2316.7	2248.8	2260.2	2271.7	2319.8	2367.1	2422.1	2477.9	2530.5	2582.5	2577.1
52.5°	2175.5	2124.3	2160.2	2195.3	2238.8	2283.1	2340.4	2397.7	2452.7	2508.4	2516.8
55°	2072.4	2015.9	2066.3	2116.7	2169.4	2222.0	2275.5	2328.9	2380.9	2432.0	2443.5
57.5°	1993.7	1915.1	1965.5	2015.9	2073.1	2130.4	2183.9	2237.3	2297.6	2358.0	2367.1
60°	1928.1	1828.8	1862.4	1895.2	1954.0	2012.1	2067.8	2122.8	2183.9	2245.0	2257.2
62.5°	1841.8	1712.0	1716.6	1719.6	1786.0	1851.7	1897.5	1943.3	2001.4	2060.2	2077.7
65°	*1727.2*	*1588.3*	*1573.0*	*1557.7*	*1620.3*	*1683.7*	*1719.6*	*1756.3*	*1806.7*	*1857.1*	*1874.6*
67.5°	1583.7	1460.0	1428.7	1397.4	1455.4	1513.4	1543.2	1573.0	1607.4	1641.7	1661.6
70°	1379.0	1305.7	1285.9	1266.0	1313.4	1360.7	1386.7	1412.6	1440.1	1467.6	1478.3
72.5°	1172.9	1156.8	1142.3	1128.6	1164.5	1200.4	1222.5	1244.7	1270.6	1296.6	1302.7
75°	982.0	973.6	962.9	953.0	980.4	1007.9	1024.7	1042.3	1069.0	1095.8	1107.2
77.5°	785.7	765.1	754.4	742.2	767.4	792.6	808.6	824.7	846.8	869.0	872.0
80°	586.4	561.2	552.8	543.7	562.0	580.3	586.4	591.8	610.1	627.7	627.7
82.5°	370.3	370.3	365.0	358.9	355.1	351.3	343.6	336.0	354.3	372.6	378.7
85°	186.3	187.1	178.7	169.5	158.8	146.6	144.3	141.3	140.5	139.0	144.3
87.5°	58.0	62.6	67.2	70.3	74.8	77.9	75.6	72.5	69.5	67.2	61.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

Scaled Data Report

REPORT NUMBER: P1364212
CATALOG NUMBER: GSS-SB6B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	4978.6	4978.6	4978.6	4978.6	4978.6	4978.6	4978.6	4978.6	4978.6	4978.6	4978.6
2.5°	4589.2	4581.5	4573.9	4567.8	4562.5	4558.6	4562.5	4567.8	4573.9	4581.5	4589.2
5°	4310.5	4298.2	4285.3	4276.9	4268.5	4260.8	4268.5	4276.9	4285.3	4298.2	4310.5
7.5°	4138.7	4118.8	4099.0	4084.4	4069.9	4062.3	4069.9	4084.4	4099.0	4118.8	4138.7
10°	4045.5	4017.2	3989.8	3974.5	3959.2	3947.8	3959.2	3974.5	3989.8	4017.2	4045.5
12.5°	4053.1	4018.0	3984.4	3961.5	3938.6	3924.9	3938.6	3961.5	3984.4	4018.0	4053.1
15°	4170.7	4121.9	4071.5	4043.2	4015.0	3993.6	4015.0	4043.2	4071.5	4121.9	4170.7
17.5°	4321.9	4250.1	4178.4	4153.2	4127.2	4115.8	4127.2	4153.2	4178.4	4250.1	4321.9
20°	4434.9	4338.7	4244.0	4205.9	4167.7	4153.9	4167.7	4205.9	4244.0	4338.7	4434.9
22.5°	4460.9	4347.9	4234.1	4198.2	4161.6	4146.3	4161.6	4198.2	4234.1	4347.9	4460.9
25°	4394.5	4275.3	4155.5	4118.8	4081.4	4069.9	4081.4	4118.8	4155.5	4275.3	4394.5
27.5°	4231.8	4126.4	4020.3	3981.4	3941.7	3917.2	3941.7	3981.4	4020.3	4126.4	4231.8
30°	3966.9	3888.2	3810.3	3785.9	3760.7	3749.2	3760.7	3785.9	3810.3	3888.2	3966.9
32.5°	3672.9	3624.0	3575.1	3559.1	3543.1	3535.4	3543.1	3559.1	3575.1	3624.0	3672.9
35°	3405.6	3370.5	3335.4	3322.4	3310.2	3298.7	3310.2	3322.4	3335.4	3370.5	3405.6
37.5°	3208.6	3167.4	3124.6	3101.7	3078.8	3062.0	3078.8	3101.7	3124.6	3167.4	3208.6
40°	3039.1	2979.5	2920.7	2889.4	2857.4	2840.6	2857.4	2889.4	2920.7	2979.5	3039.1
42.5°	2874.9	2806.2	2737.5	2689.4	2642.0	2611.5	2642.0	2689.4	2737.5	2806.2	2874.9
45°	2727.5	2650.4	2573.3	2516.0	2458.8	2420.6	2458.8	2516.0	2573.3	2650.4	2727.5
47.5°	2622.9	2556.5	2489.3	2438.9	2388.5	2351.9	2388.5	2438.9	2489.3	2556.5	2622.9
50°	2571.8	2519.1	2466.4	2419.1	2370.9	2336.6	2370.9	2419.1	2466.4	2519.1	2571.8
52.5°	2526.0	2487.8	2449.6	2408.4	2367.1	2336.6	2367.1	2408.4	2449.6	2487.8	2526.0
55°	2454.9	2427.5	2399.2	2368.7	2338.1	2313.7	2338.1	2368.7	2399.2	2427.5	2454.9
57.5°	2376.3	2347.3	2317.5	2294.6	2271.7	2260.2	2271.7	2294.6	2317.5	2347.3	2376.3
60°	2269.4	2246.5	2223.6	2202.2	2180.0	2161.0	2180.0	2202.2	2223.6	2246.5	2269.4
62.5°	2096.1	2085.4	2075.4	2051.0	2027.3	2000.6	2027.3	2051.0	2075.4	2085.4	2096.1
65°	*1892.2*	*1886.8*	*1882.2*	*1864.7*	*1847.9*	*1817.3*	*1847.9*	*1864.7*	*1882.2*	*1886.8*	*1892.2*
67.5°	1681.4	1671.5	1660.8	1642.5	1624.9	1618.8	1624.9	1642.5	1660.8	1671.5	1681.4
70°	1489.0	1473.7	1458.5	1417.2	1376.0	1328.6	1376.0	1417.2	1458.5	1473.7	1489.0
72.5°	1309.6	1285.9	1261.5	1213.3	1164.5	1114.8	1164.5	1213.3	1261.5	1285.9	1309.6
75°	1118.7	1085.1	1052.2	1001.1	950.7	916.3	950.7	1001.1	1052.2	1085.1	1118.7
77.5°	876.6	847.6	818.6	788.0	757.5	740.7	757.5	788.0	818.6	847.6	876.6
80°	627.7	606.3	584.1	568.9	553.6	542.1	553.6	568.9	584.1	606.3	627.7
82.5°	385.6	375.7	366.5	349.7	332.2	320.7	332.2	349.7	366.5	375.7	385.6
85°	148.9	146.6	145.1	139.0	133.6	129.8	133.6	139.0	145.1	146.6	148.9
87.5°	55.0	50.4	45.8	42.8	39.7	38.2	39.7	42.8	45.8	50.4	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

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

Scaled Data Report

REPORT NUMBER: P1364212
CATALOG NUMBER: GSS-SB6B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	4978.6	4978.6	4978.6	4978.6	4978.6	4978.6	4978.6	4978.6	4978.6	4978.6	4978.6
2.5°	4605.2	4621.2	4645.7	4669.4	4703.0	4735.8	4764.0	4791.5	4822.8	4854.9	4895.4
5°	4340.2	4369.3	4405.2	4440.3	4485.3	4529.6	4580.0	4628.9	4688.4	4748.0	4819.8
7.5°	4172.3	4205.9	4257.8	4310.5	4366.2	4421.2	4486.9	4552.5	4630.4	4707.5	4796.1
10°	4094.4	4144.8	4202.8	4260.8	4333.4	4405.9	4475.4	4544.9	4624.3	4703.7	4796.9
12.5°	4115.0	4176.8	4254.7	4333.4	4420.4	4506.7	4570.9	4635.0	4690.0	4745.7	4822.8
15°	4260.1	4348.6	4457.8	4566.3	4646.4	4726.6	4748.8	4770.9	4775.5	4780.1	4830.5
17.5°	4453.3	4585.4	4738.1	4890.8	4947.3	5003.0	4959.5	4916.0	4840.4	4764.8	4771.7
20°	4608.3	4781.6	4981.7	5181.0	5186.3	5192.4	5074.8	4957.2	4809.9	4661.7	4619.0
22.5°	4674.7	4888.5	5084.7	5280.2	5237.5	5193.9	5024.4	4854.9	4661.7	4468.5	4405.2
25°	4601.4	4809.1	4970.2	5131.3	5050.4	4969.4	4786.9	4604.4	4425.8	4247.1	4177.6
27.5°	4399.8	4567.8	4666.3	4764.8	4673.9	4583.1	4436.5	4289.8	4157.0	4024.1	3956.9
30°	4086.7	4207.4	4272.3	4337.2	4264.7	4192.1	4092.8	3993.6	3897.4	3801.2	3749.2
32.5°	3752.3	3831.7	3882.1	3932.5	3892.8	3852.3	3779.0	3704.9	3642.3	3579.7	3557.6
35°	3475.9	3546.9	3588.9	3630.9	3600.3	3569.8	3509.5	3449.9	3408.7	3367.4	3385.8
37.5°	3268.9	3329.3	3359.8	3390.3	3346.1	3302.5	3252.1	3201.0	3182.6	3162.8	3213.2
40°	3096.4	3153.6	3159.7	3165.1	3110.9	3055.9	3007.8	2958.9	2961.2	2962.7	3036.0
42.5°	2923.0	2970.4	2958.9	2947.5	2889.4	2831.4	2783.3	2735.2	2745.1	2755.0	2848.2
45°	2771.1	2813.8	2787.1	2760.4	2696.2	2632.9	2590.1	2548.9	2564.1	2579.4	2674.1
47.5°	2651.2	2680.2	2651.2	2622.9	2551.9	2481.7	2437.4	2393.9	2403.8	2412.9	2495.4
50°	2577.1	2582.5	2530.5	2477.9	2422.1	2367.1	2319.8	2271.7	2260.2	2248.8	2316.7
52.5°	2516.8	2508.4	2452.7	2397.7	2340.4	2283.1	2238.8	2195.3	2160.2	2124.3	2175.5
55°	2443.5	2432.0	2380.9	2328.9	2275.5	2222.0	2169.4	2116.7	2066.3	2015.9	2072.4
57.5°	2367.1	2358.0	2297.6	2237.3	2183.9	2130.4	2073.1	2015.9	1965.5	1915.1	1993.7
60°	2257.2	2245.0	2183.9	2122.8	2067.8	2012.1	1954.0	1895.2	1862.4	1828.8	1928.1
62.5°	2077.7	2060.2	2001.4	1943.3	1897.5	1851.7	1786.0	1719.6	1716.6	1712.0	1841.8
65°	*1874.6*	*1857.1*	*1806.7*	*1756.3*	*1719.6*	*1683.7*	*1620.3*	*1557.7*	*1573.0*	*1588.3*	*1727.2*
67.5°	1661.6	1641.7	1607.4	1573.0	1543.2	1513.4	1455.4	1397.4	1428.7	1460.0	1583.7
70°	1478.3	1467.6	1440.1	1412.6	1386.7	1360.7	1313.4	1266.0	1285.9	1305.7	1379.0
72.5°	1302.7	1296.6	1270.6	1244.7	1222.5	1200.4	1164.5	1128.6	1142.3	1156.8	1172.9
75°	1107.2	1095.8	1069.0	1042.3	1024.7	1007.9	980.4	953.0	962.9	973.6	982.0
77.5°	872.0	869.0	846.8	824.7	808.6	792.6	767.4	742.2	754.4	765.1	785.7
80°	627.7	627.7	610.1	591.8	586.4	580.3	562.0	543.7	552.8	561.2	586.4
82.5°	378.7	372.6	354.3	336.0	343.6	351.3	355.1	358.9	365.0	370.3	370.3
85°	144.3	139.0	140.5	141.3	144.3	146.6	158.8	169.5	178.7	187.1	186.3
87.5°	61.1	67.2	69.5	72.5	75.6	77.9	74.8	70.3	67.2	62.6	58.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

Scaled Data Report

REPORT NUMBER: P1364212
CATALOG NUMBER: GSS-SB6B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	4978.6	4978.6	4978.6	4978.6	4978.6	4978.6	4978.6	4978.6	4978.6	4978.6	4978.6
2.5°	4936.6	4974.8	5018.3	5061.8	5104.6	5149.7	5193.9	5238.2	5282.5	5330.6	5379.5
5°	4893.1	4967.2	5053.4	5135.9	5219.1	5307.0	5394.8	5484.1	5574.2	5659.7	5746.0
7.5°	4885.4	4974.8	5089.3	5199.3	5308.5	5430.7	5552.8	5689.5	5826.2	5971.3	6116.4
10°	4890.8	4986.2	5108.4	5234.4	5360.4	5511.6	5662.0	5832.3	6001.8	6175.9	6349.3
12.5°	4900.7	4993.9	5127.5	5265.7	5404.7	5573.4	5742.2	5932.3	6122.5	6295.0	6467.6
15°	4880.9	4963.3	5112.2	5268.8	5425.3	5607.8	5789.5	5982.7	6175.9	6350.0	6524.9
17.5°	4778.5	4848.8	5022.9	5204.6	5387.1	5594.1	5801.8	6007.9	6214.1	6376.7	6540.1
20°	4575.4	4619.7	4850.3	5090.1	5329.9	5573.4	5817.0	6038.5	6259.9	6424.8	6589.8
22.5°	4341.0	4383.0	4657.9	4958.8	5259.6	5557.4	5855.2	6098.0	6341.6	6492.0	6643.2
25°	4108.1	4111.9	4427.3	4802.2	5177.1	5555.9	5934.6	6200.4	6466.1	6596.7	6727.2
27.5°	3890.5	3871.4	4193.6	4641.9	5089.3	5570.4	6051.5	6350.0	6649.3	6749.4	6849.4
30°	3697.3	3676.7	3989.8	4502.1	5015.3	5601.7	6188.9	6527.2	6864.7	6942.6	7021.2
32.5°	3535.4	3535.4	3824.1	4380.0	4936.6	5636.8	6337.8	6735.6	7133.5	7182.3	7231.2
35°	3404.1	3451.4	3674.4	4241.0	4806.8	5628.4	6450.8	6957.1	7464.1	7525.2	7586.3
37.5°	3262.1	3352.2	3527.8	4086.7	4646.4	5604.8	6563.1	7227.4	7891.7	7964.2	8036.8
40°	3109.3	3222.4	3361.3	3902.7	4444.1	5551.3	6658.5	7536.6	8414.8	8558.3	8701.1
42.5°	2941.3	3081.1	3178.1	3683.6	4188.3	5458.9	6728.8	7878.7	9027.2	9330.3	9632.7
45°	2770.3	2909.3	2997.1	3460.6	3924.9	5395.5	6866.2	8343.0	9819.8	10304.6	10789.5
47.5°	2577.1	2706.9	2808.5	3239.1	3671.3	5321.5	6971.6	8820.2	10668.9	11282.8	11896.7
50°	2383.9	2512.2	2651.2	3042.1	3432.3	5195.5	6957.8	9236.4	11514.9	12347.3	13179.6
52.5°	2225.9	2363.3	2541.2	2865.0	3190.3	4937.4	6685.2	9433.4	12180.8	13503.3	14825.1
55°	2128.9	2290.8	2467.9	2716.9	2964.3	4595.3	6224.8	9381.5	12538.2	14664.7	16791.3
57.5°	2073.1	2271.7	2420.6	2591.6	2762.7	4237.2	5711.7	9098.2	12484.7	15639.9	18795.8
60°	2027.3	2225.9	2342.7	2462.6	2582.5	3784.4	4986.2	8419.3	11852.4	16076.6	20300.0
62.5°	1971.6	2161.0	2210.6	2277.0	2344.2	3210.1	4076.0	7306.8	10537.5	15107.6	19677.7
65°	*1867.0*	*2023.5*	*2037.3*	*2051.0*	*2065.5*	*2522.9*	*2979.5*	*5731.5*	*8483.5*	*13030.7*	*17577.8*
67.5°	1706.6	1813.5	1792.9	1752.4	1712.0	1928.8	2145.7	4460.1	6774.6	11191.2	15607.8
70°	1452.3	1504.3	1510.4	1450.1	1389.7	1466.1	1542.5	3417.8	5293.2	9507.5	13721.7
72.5°	1189.7	1156.8	1217.9	1172.1	1126.3	1127.1	1128.6	2569.5	4010.4	7894.8	11778.4
75°	991.1	969.8	945.3	890.3	836.1	840.7	846.1	1904.4	2962.7	6303.4	9644.1
77.5°	805.6	801.8	731.5	672.0	612.4	609.3	604.8	1230.9	1857.1	4135.6	6414.2
80°	610.9	614.7	515.4	453.6	391.0	387.9	383.3	680.4	977.4	2370.9	3764.5
82.5°	370.3	355.1	299.3	268.8	238.2	237.5	236.7	365.8	494.8	1188.1	1882.2
85°	184.8	175.6	145.1	125.2	105.4	100.0	95.4	116.1	137.4	282.5	427.6
87.5°	53.5	45.8	42.0	38.2	34.4	32.1	30.5	31.3	32.1	33.6	34.4
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: P1364212
CATALOG NUMBER: GSS-SB6B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	4978.6	4978.6	4978.6	4978.6	4978.6	4978.6	4978.6	4978.6	*4978.6*	4978.6	4978.6
2.5°	5398.6	5417.7	5438.3	5459.7	5471.9	5484.1	5497.1	5509.3	*5520.8*	5509.3	5497.1
5°	5832.3	5917.8	5975.9	6033.9	6078.2	6122.5	6147.7	6173.6	*6177.4*	6173.6	6147.7
7.5°	6218.7	6321.0	6409.6	6498.2	6554.7	6611.2	6644.0	6677.6	*6689.0*	6677.6	6644.0
10°	6469.1	6589.8	6675.3	6761.6	6814.3	6866.2	6892.2	6918.1	*6925.8*	6918.1	6892.2
12.5°	6582.9	6698.2	6764.6	6830.3	6863.9	6896.7	6909.0	6919.7	*6910.5*	6919.7	6909.0
15°	6592.8	6660.0	6688.3	6715.8	6699.7	6682.9	6659.3	6635.6	*6620.3*	6635.6	6659.3
17.5°	6563.8	6588.3	6537.1	6486.7	6395.1	6303.4	6234.7	6166.0	*6116.4*	6166.0	6234.7
20°	6551.6	6513.4	6377.5	6242.3	6070.5	5898.7	5783.4	5667.4	*5597.1*	5667.4	5783.4
22.5°	6535.6	6427.9	6199.6	5971.3	5736.1	5501.7	5368.8	5236.7	*5161.9*	5236.7	5368.8
25°	6542.4	6356.9	6048.4	5740.7	5464.3	5188.6	5044.3	4900.7	*4818.3*	4900.7	5044.3
27.5°	6566.9	6284.3	5902.6	5520.8	5221.4	4921.3	4783.9	4646.4	*4573.9*	4646.4	4783.9
30°	6646.3	6270.6	5814.0	5356.6	5043.5	4730.4	4596.0	4460.9	*4383.0*	4460.9	4596.0
32.5°	6757.8	6284.3	5772.7	5261.1	4942.0	4623.5	4494.5	4366.2	*4299.0*	4366.2	4494.5
35°	6986.8	6387.4	5820.1	5253.5	4957.2	4661.7	4567.0	4473.1	*4436.5*	4473.1	4567.0
37.5°	7336.6	6635.6	6051.5	5467.3	5265.7	5064.1	5064.1	5064.1	*5093.1*	5064.1	5064.1
40°	7914.6	7128.1	6575.3	6023.2	6011.0	6000.3	6128.6	6257.6	*6314.9*	6257.6	6128.6
42.5°	8801.1	7970.4	7524.4	7078.5	7345.7	7613.0	7984.1	8355.2	*8598.0*	8355.2	7984.1
45°	9980.1	9170.7	8859.2	8548.4	9143.2	9737.3	10393.2	11049.1	*11514.9*	11049.1	10393.2
47.5°	11215.6	10533.7	10355.8	10178.7	11167.5	12156.4	13117.7	14079.1	*14645.7*	14079.1	13117.7
50°	12567.2	11954.0	11919.6	11885.3	13202.5	14519.7	15760.5	17001.3	*17692.4*	17001.3	15760.5
52.5°	14152.4	13478.9	13506.4	13532.3	15096.9	16661.5	18162.0	19662.4	*20441.3*	19662.4	18162.0
55°	15947.6	15103.8	15099.2	15094.7	16892.1	18691.2	20534.5	22379.3	*23419.3*	22379.3	20534.5
57.5°	18005.5	17215.1	17027.3	16838.7	18718.6	20597.8	22633.6	24670.1	*25763.5*	24670.1	22633.6
60°	19864.8	19429.6	19128.7	18828.6	20759.0	22690.1	24793.0	26895.2	*27985.6*	26895.2	24793.0
62.5°	20455.8	21233.9	21211.8	21189.6	23273.5	25357.3	27544.2	29732.7	*30711.6*	29732.7	27544.2
65°	*18818.7*	*20059.5*	*20913.2*	*21766.1*	*24285.2*	*26803.5*	*29082.1*	*31360.6*	*32361.0*	*31360.6*	*29082.1*
67.5°	16701.2	17795.5	18494.2	19192.8	22031.1	24870.1	27455.6	30041.2	*31070.5*	30041.2	27455.6
70°	14932.8	16143.8	16643.2	17142.6	19554.0	21964.7	24010.3	26055.2	*26458.4*	26055.2	24010.3
72.5°	13218.5	14659.4	14870.9	15082.4	16837.2	18591.9	19681.5	20771.2	*19891.5*	20771.2	19681.5
75°	11269.1	12893.2	13034.5	13175.7	13722.5	14270.0	14547.2	14825.1	*14325.0*	14825.1	14547.2
77.5°	7820.7	9228.0	9544.9	9861.8	10226.0	10591.0	10571.9	10552.8	*9850.3*	10552.8	10571.9
80°	4864.8	5965.2	6006.4	6047.6	6321.0	6593.6	6872.3	7151.0	*6704.3*	7151.0	6872.3
82.5°	2486.2	3091.0	3184.2	3277.3	3444.6	3611.8	3689.7	3768.3	*3390.3*	3768.3	3689.7
85°	584.9	742.2	894.2	1046.1	1221.7	1397.4	1377.5	1357.7	*1145.4*	1357.7	1377.5
87.5°	35.1	36.7	37.4	38.2	38.9	39.7	42.0	44.3	*45.8*	44.3	42.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0

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

Scaled Data Report

REPORT NUMBER: P1364212
CATALOG NUMBER: GSS-SB6B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	4978.6	4978.6	4978.6	4978.6	4978.6	4978.6	4978.6
2.5°	5484.1	5471.9	5459.7	5438.3	5417.7	5398.6	5379.5
5°	6122.5	6078.2	6033.9	5975.9	5917.8	5832.3	5746.0
7.5°	6611.2	6554.7	6498.2	6409.6	6321.0	6218.7	6116.4
10°	6866.2	6814.3	6761.6	6675.3	6589.8	6469.1	6349.3
12.5°	6896.7	6863.9	6830.3	6764.6	6698.2	6582.9	6467.6
15°	6682.9	6699.7	6715.8	6688.3	6660.0	6592.8	6524.9
17.5°	6303.4	6395.1	6486.7	6537.1	6588.3	6563.8	6540.1
20°	5898.7	6070.5	6242.3	6377.5	6513.4	6551.6	6589.8
22.5°	5501.7	5736.1	5971.3	6199.6	6427.9	6535.6	6643.2
25°	5188.6	5464.3	5740.7	6048.4	6356.9	6542.4	6727.2
27.5°	4921.3	5221.4	5520.8	5902.6	6284.3	6566.9	6849.4
30°	4730.4	5043.5	5356.6	5814.0	6270.6	6646.3	7021.2
32.5°	4623.5	4942.0	5261.1	5772.7	6284.3	6757.8	7231.2
35°	4661.7	4957.2	5253.5	5820.1	6387.4	6986.8	7586.3
37.5°	5064.1	5265.7	5467.3	6051.5	6635.6	7336.6	8036.8
40°	6000.3	6011.0	6023.2	6575.3	7128.1	7914.6	8701.1
42.5°	7613.0	7345.7	7078.5	7524.4	7970.4	8801.1	9632.7
45°	9737.3	9143.2	8548.4	8859.2	9170.7	9980.1	10789.5
47.5°	12156.4	11167.5	10178.7	10355.8	10533.7	11215.6	11896.7
50°	14519.7	13202.5	11885.3	11919.6	11954.0	12567.2	13179.6
52.5°	16661.5	15096.9	13532.3	13506.4	13478.9	14152.4	14825.1
55°	18691.2	16892.1	15094.7	15099.2	15103.8	15947.6	16791.3
57.5°	20597.8	18718.6	16838.7	17027.3	17215.1	18005.5	18795.8
60°	22690.1	20759.0	18828.6	19128.7	19429.6	19864.8	20300.0
62.5°	25357.3	23273.5	21189.6	21211.8	21233.9	20455.8	19677.7
65°	*26803.5*	*24285.2*	*21766.1*	*20913.2*	*20059.5*	*18818.7*	*17577.8*
67.5°	24870.1	22031.1	19192.8	18494.2	17795.5	16701.2	15607.8
70°	21964.7	19554.0	17142.6	16643.2	16143.8	14932.8	13721.7
72.5°	18591.9	16837.2	15082.4	14870.9	14659.4	13218.5	11778.4
75°	14270.0	13722.5	13175.7	13034.5	12893.2	11269.1	9644.1
77.5°	10591.0	10226.0	9861.8	9544.9	9228.0	7820.7	6414.2
80°	6593.6	6321.0	6047.6	6006.4	5965.2	4864.8	3764.5
82.5°	3611.8	3444.6	3277.3	3184.2	3091.0	2486.2	1882.2
85°	1397.4	1221.7	1046.1	894.2	742.2	584.9	427.6
87.5°	39.7	38.9	38.2	37.4	36.7	35.1	34.4
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

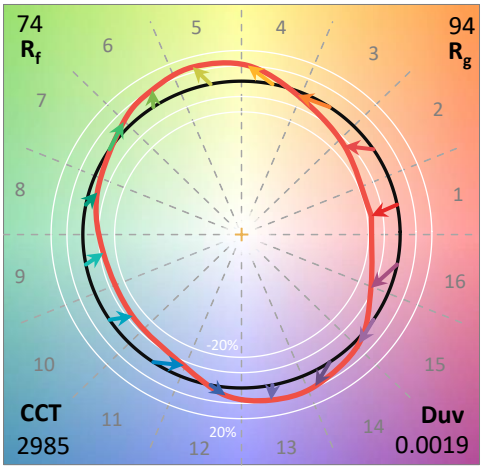
Test Information

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



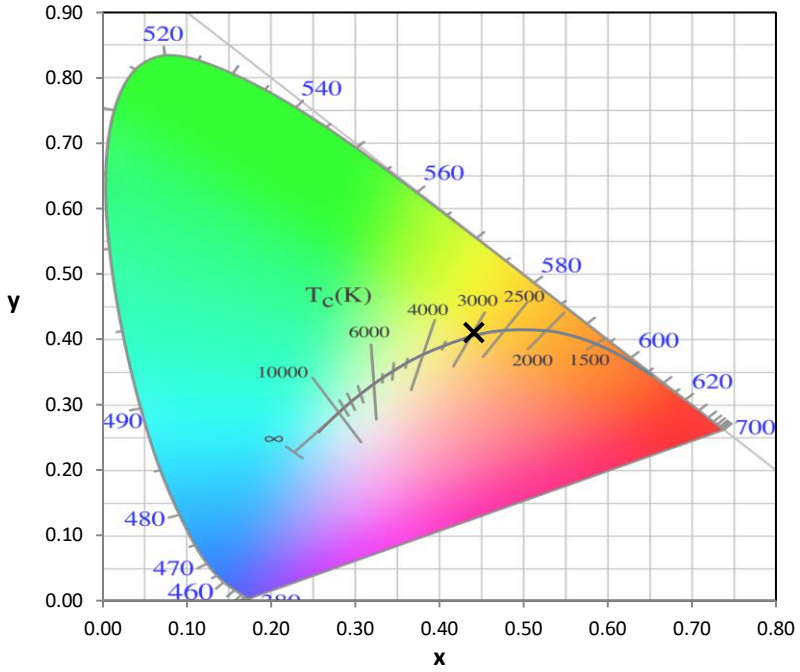
Test Conditions

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

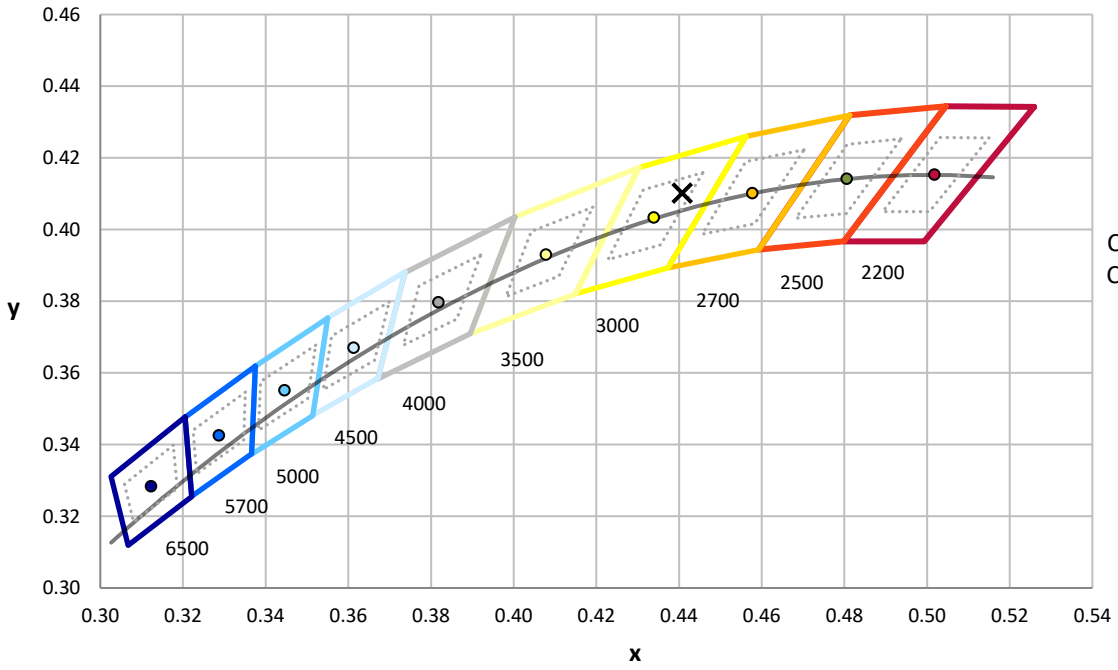
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-4

CIE 1931 Chromaticity Diagram



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

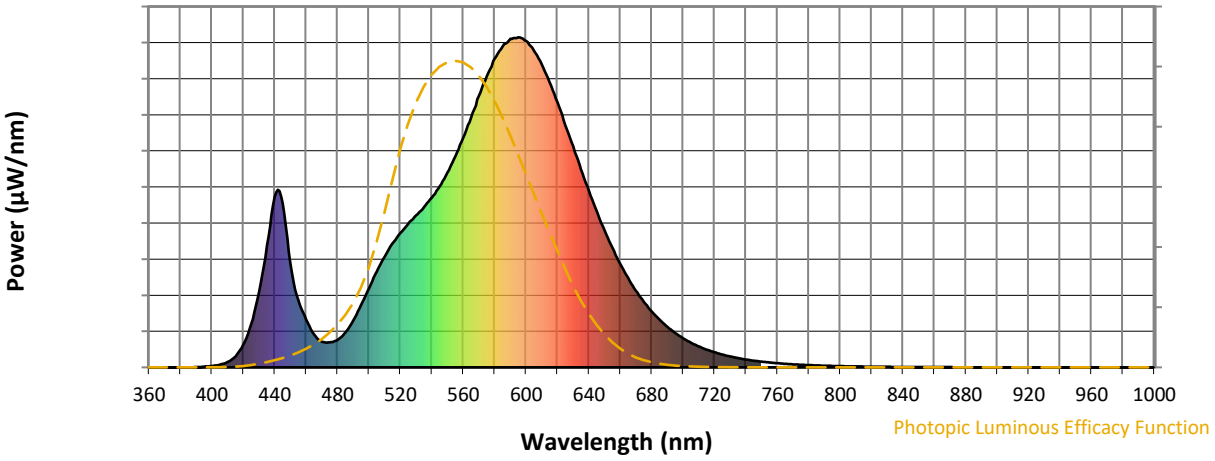


CCT = 2985K
CIE x = 0.4408
CIE y = 0.4101
Duv = 0.0019

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

Photopic Flux vs. Wavelength

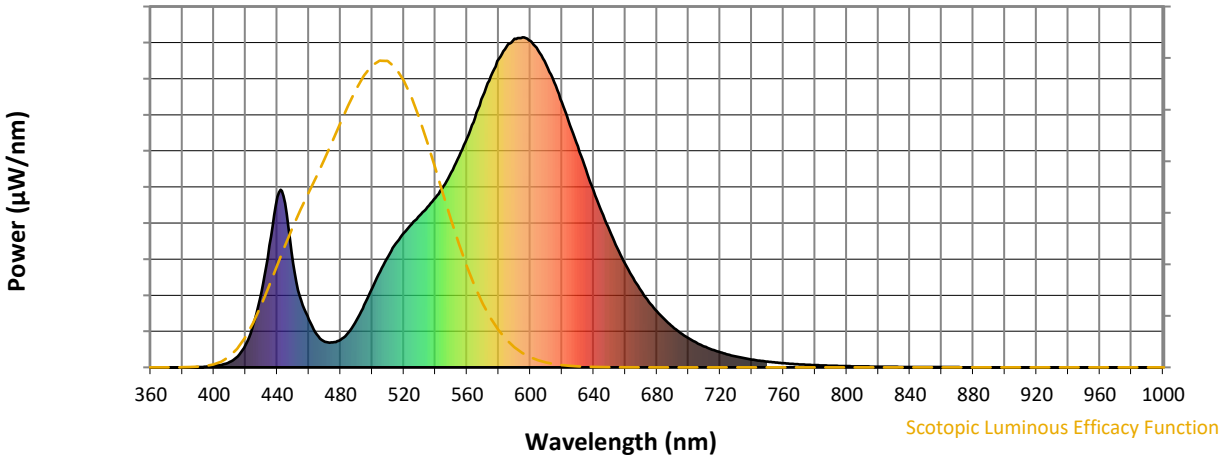


Photopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-4

Scotopic Flux vs. Wavelength

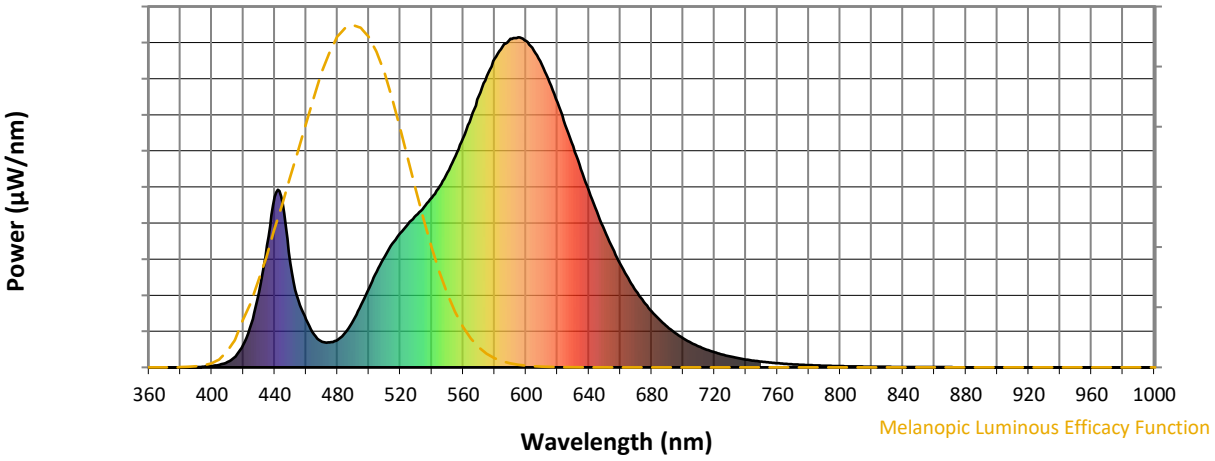


Scotopic Lumens: NR **S/P: 1.19**

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			

REPORT NUMBER: SP1-2407-184-4

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			

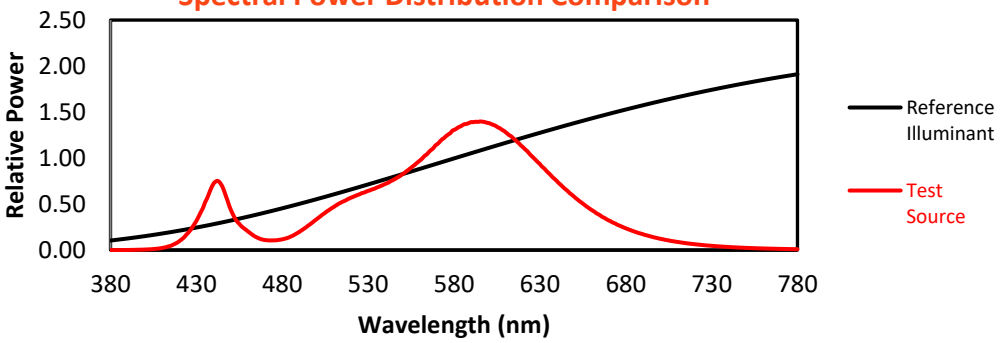
REPORT NUMBER: SP1-2407-184-4

TM-30-18

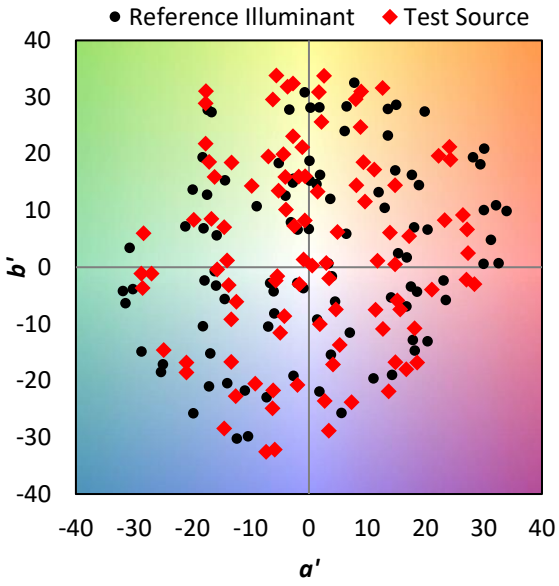
Summary

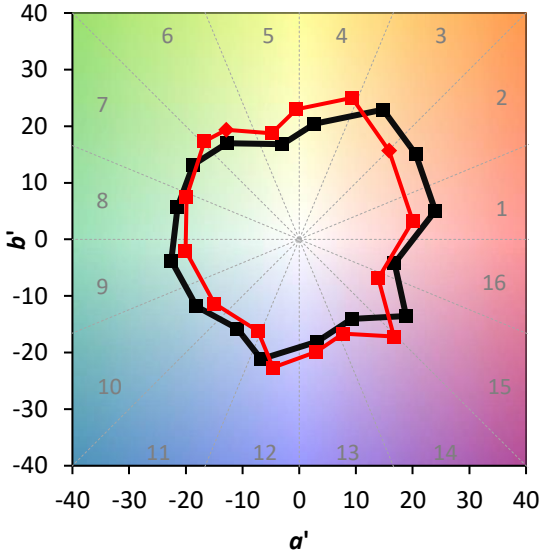
R_f = 73.8
R_g = 94.4
CIE R_a = 70.8
R_9 = -43.2

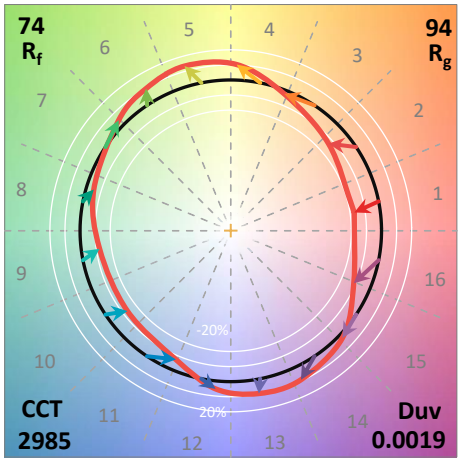
Spectral Power Distribution Comparison

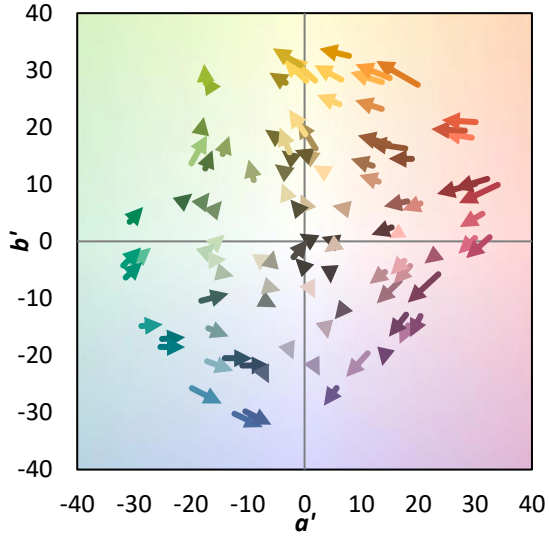


Color Vector Graphics







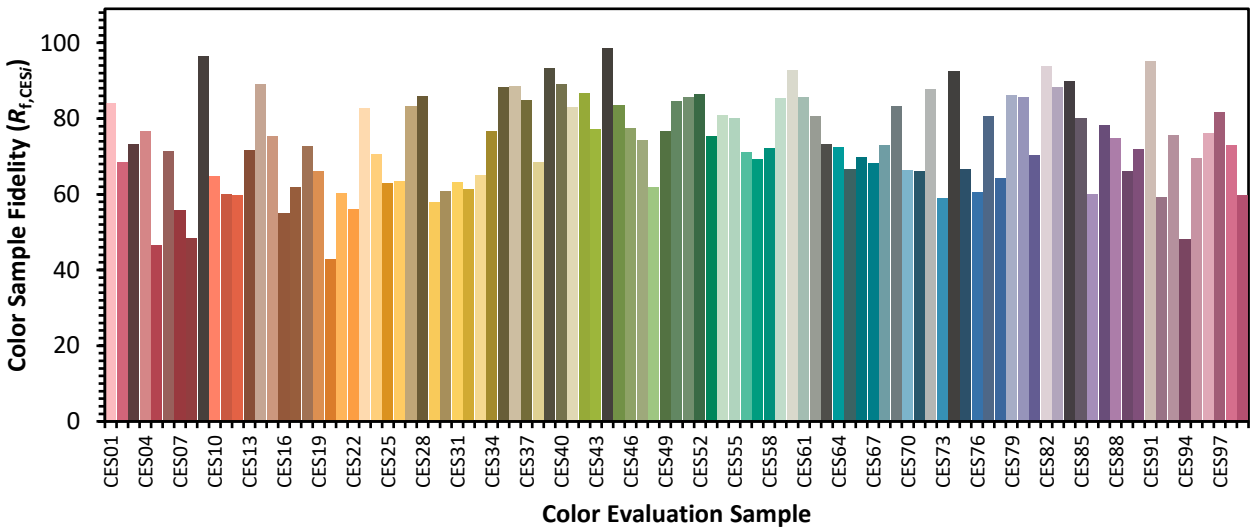


REPORT NUMBER: SP1-2407-184-4

TM-30-18

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

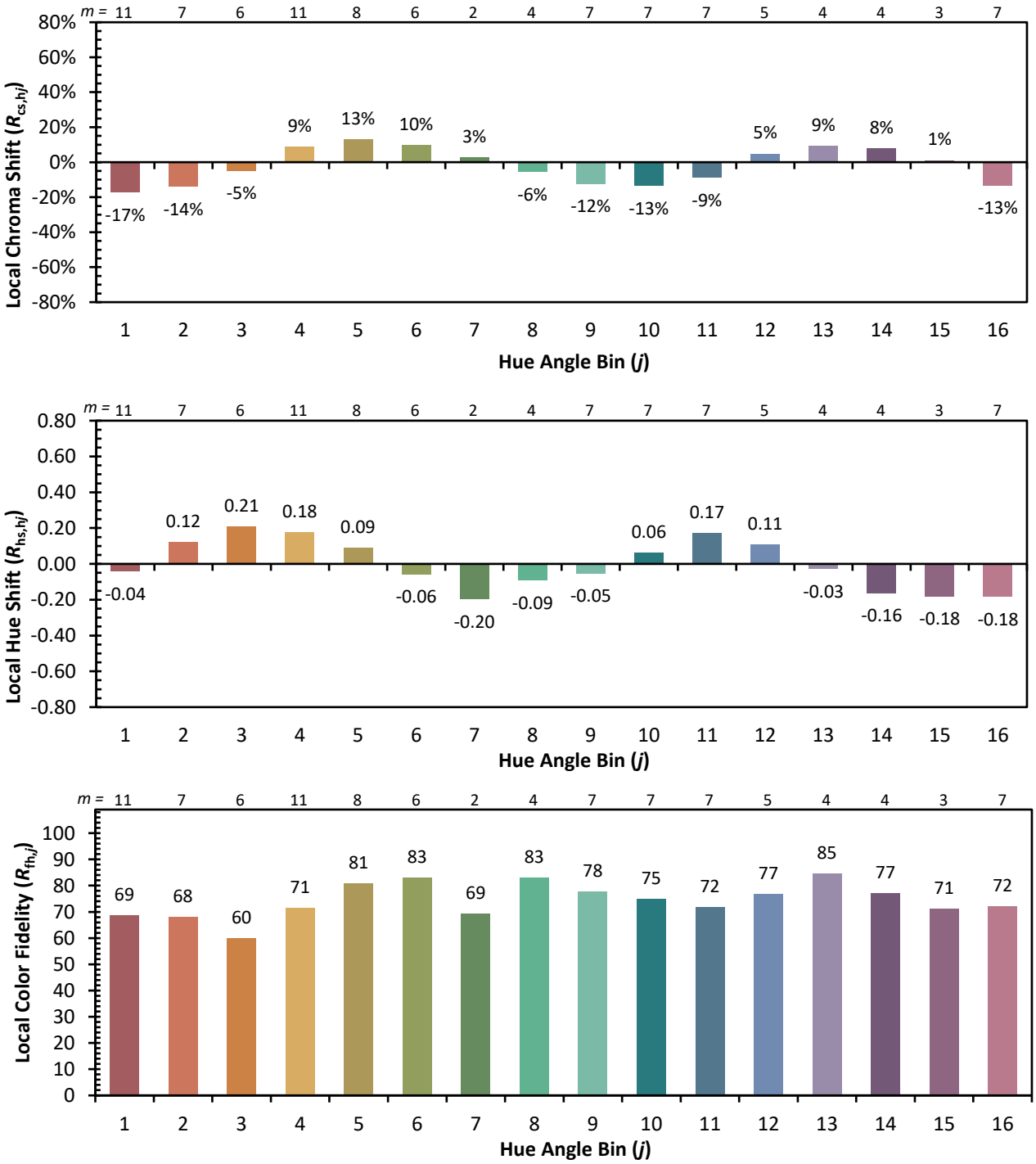
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 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	



REPORT NUMBER: SP1-2407-184-4

TM-30-18

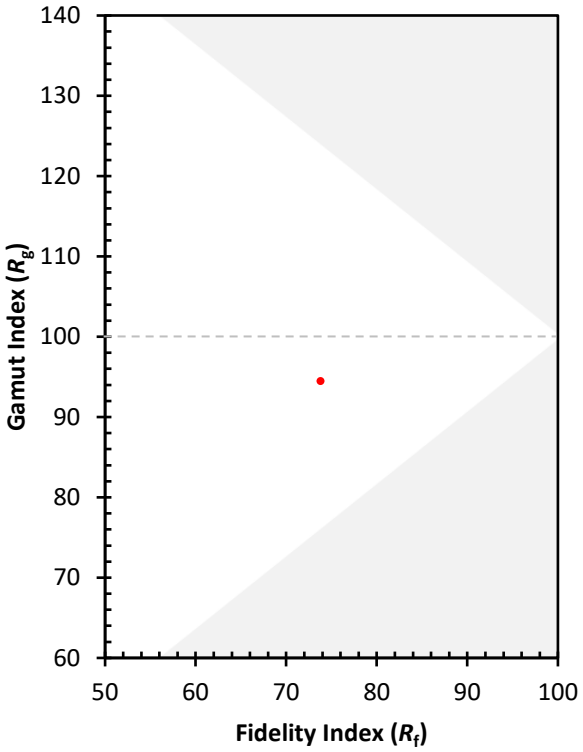
Color Rendition by Hue-Angle Bin

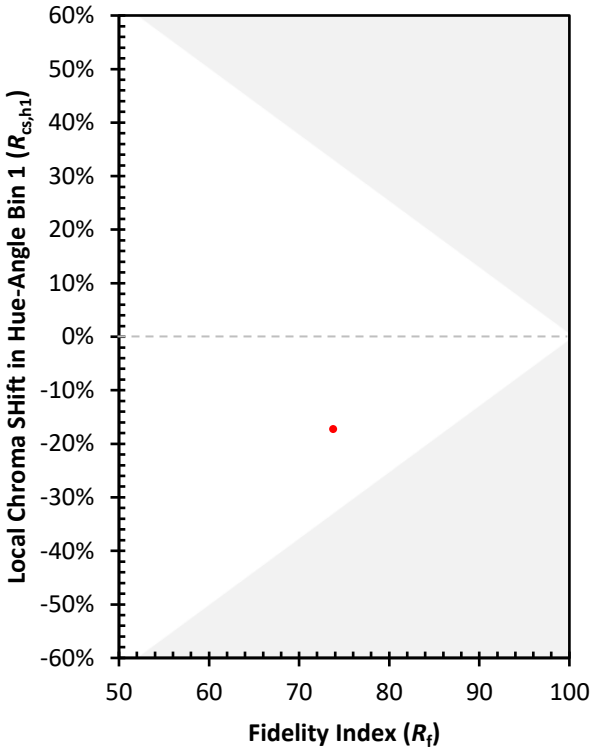


REPORT NUMBER: SP1-2407-184-4

TM-30-18

Measure Comparisons





(END OF REPORT)