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: P1364202

Luminaire Tested: **GSS-SB3D-730-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:	P1364202
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB3D-730-U-SLR
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 3SQUARE 219W 70CRI 3000K FIXTURE w/ 90° Spill Light Eliminator RIGHT OPTIC
Light Source:	(78) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	27140.1 lumens
Efficiency:	N/A
Efficacy:	123.9 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - U0 - G4

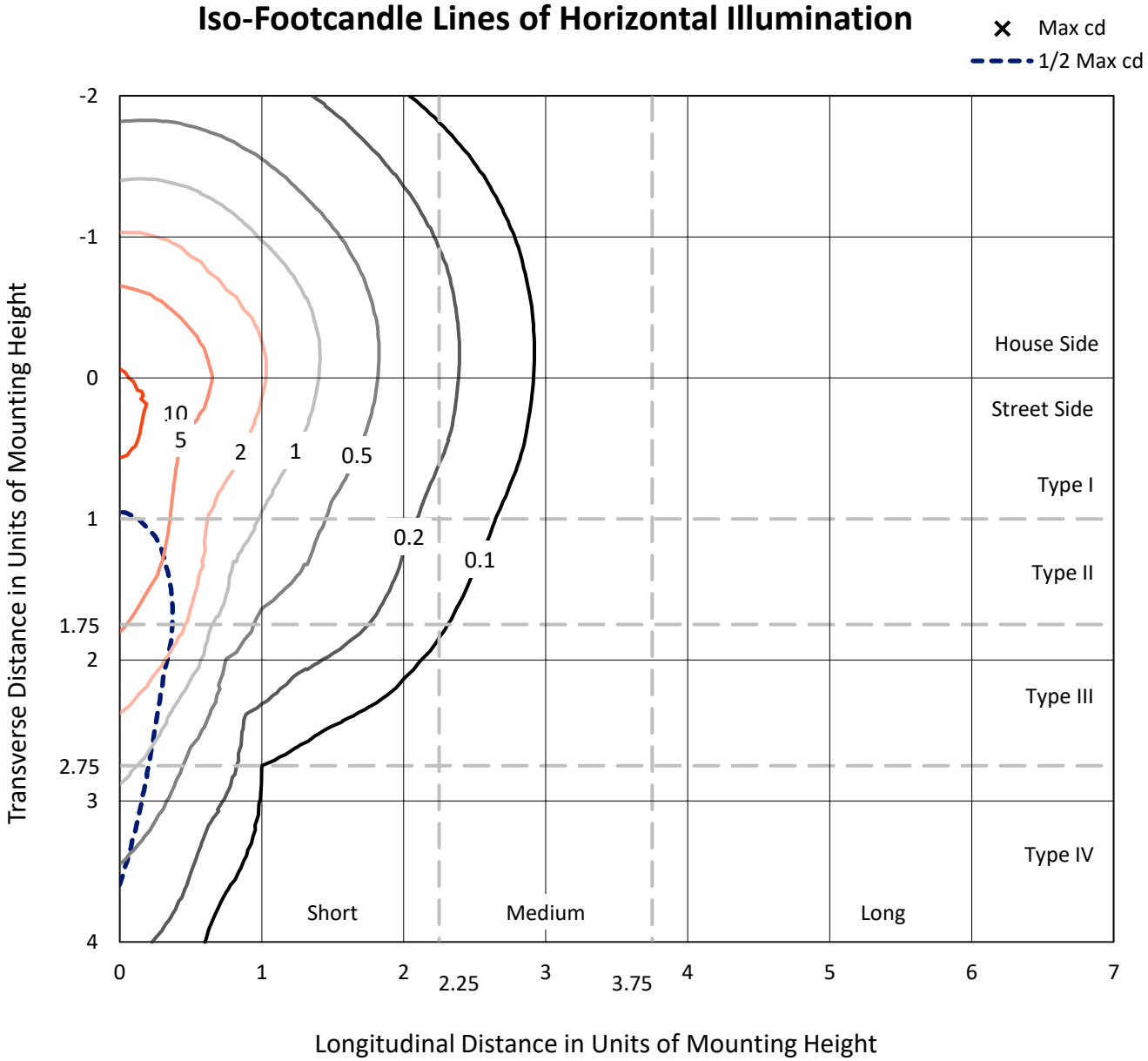
Input Watts (W):	219
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	2.5%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination



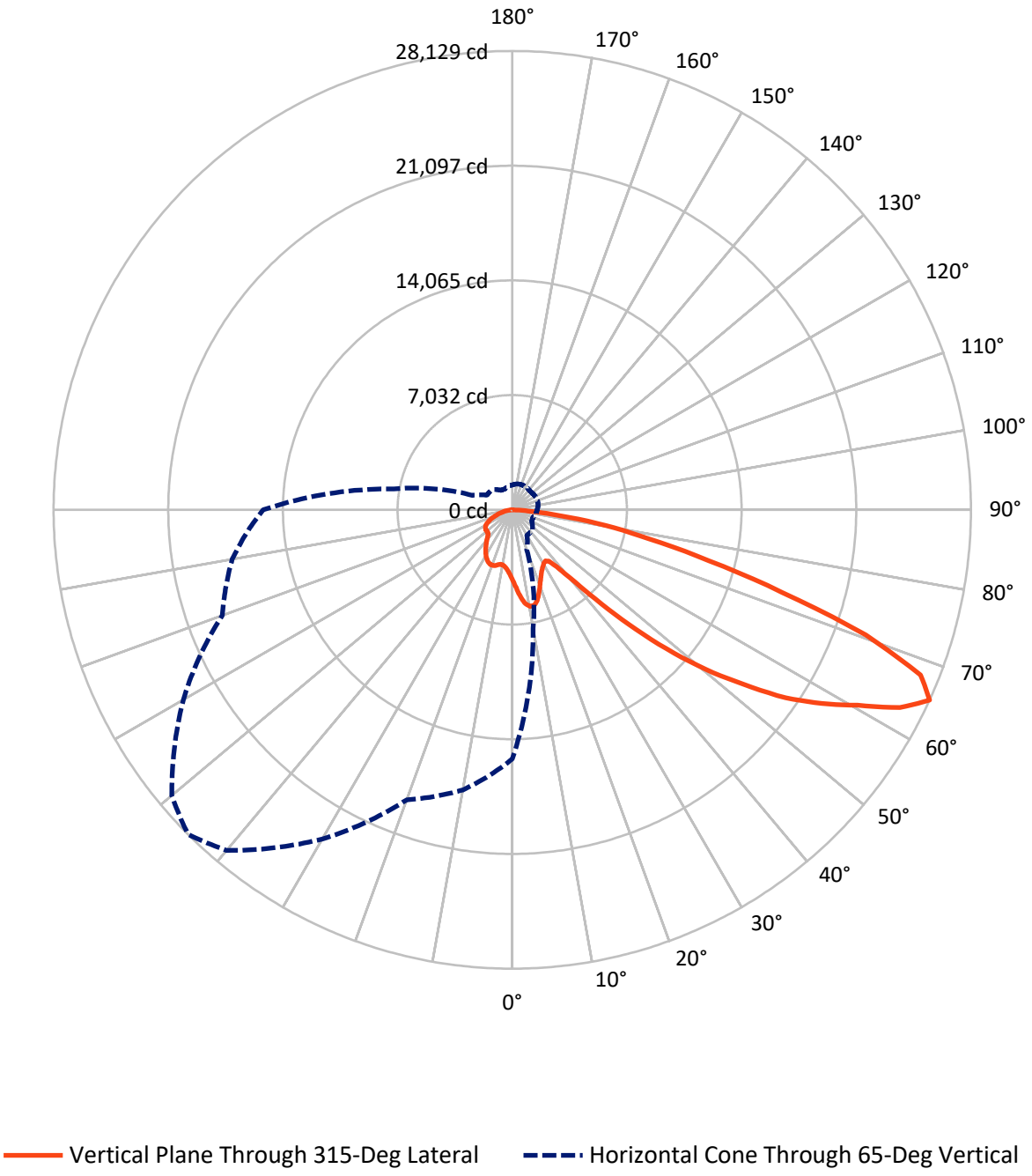
Based on 20 foot mounting height. Maximum calculated value = 12.9 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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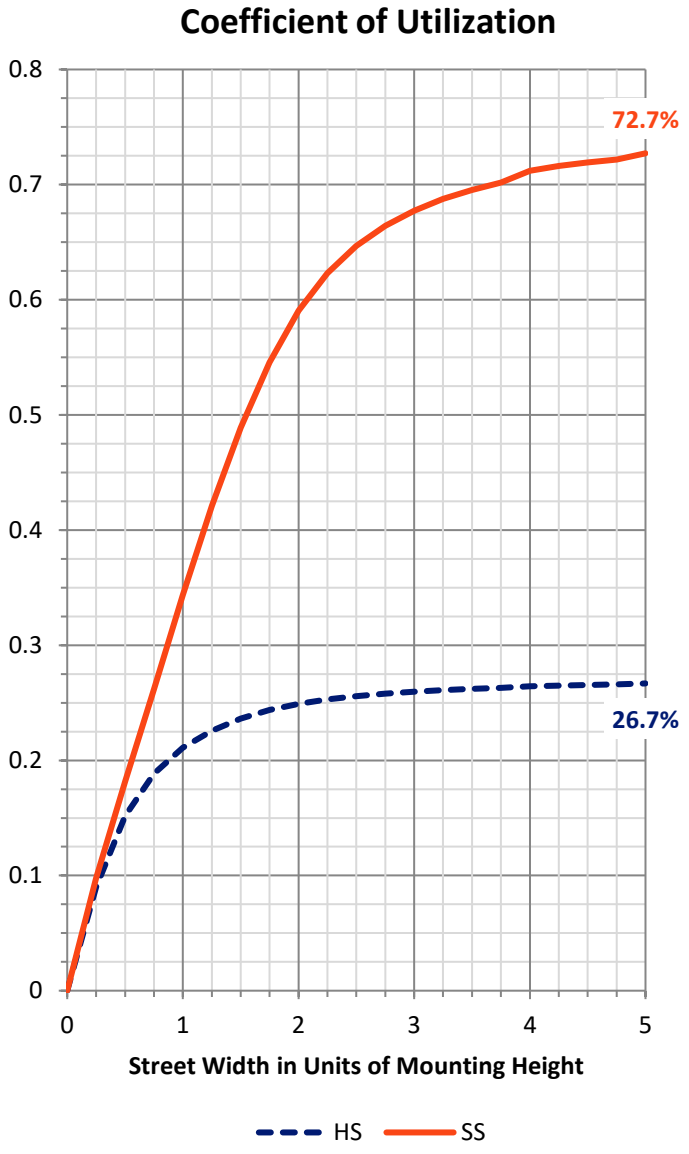
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7301.3	0.0	7301.3
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	19838.8	0.0	19838.8
	% Fixture	73.1	0.0	73.1
Total	Lumens	27140.1	0.0	27140.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	427.3	1.6
10°-20°	1309.5	4.8
20°-30°	2026.6	7.5
30°-40°	2514.4	9.3
40°-50°	3676.9	13.5
50°-60°	5759.3	21.2
60°-70°	6833.8	25.2
70°-80°	3985.8	14.7
80°-90°	606.4	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°	27140.1	100.0
0°-180°	27140.1	100.0



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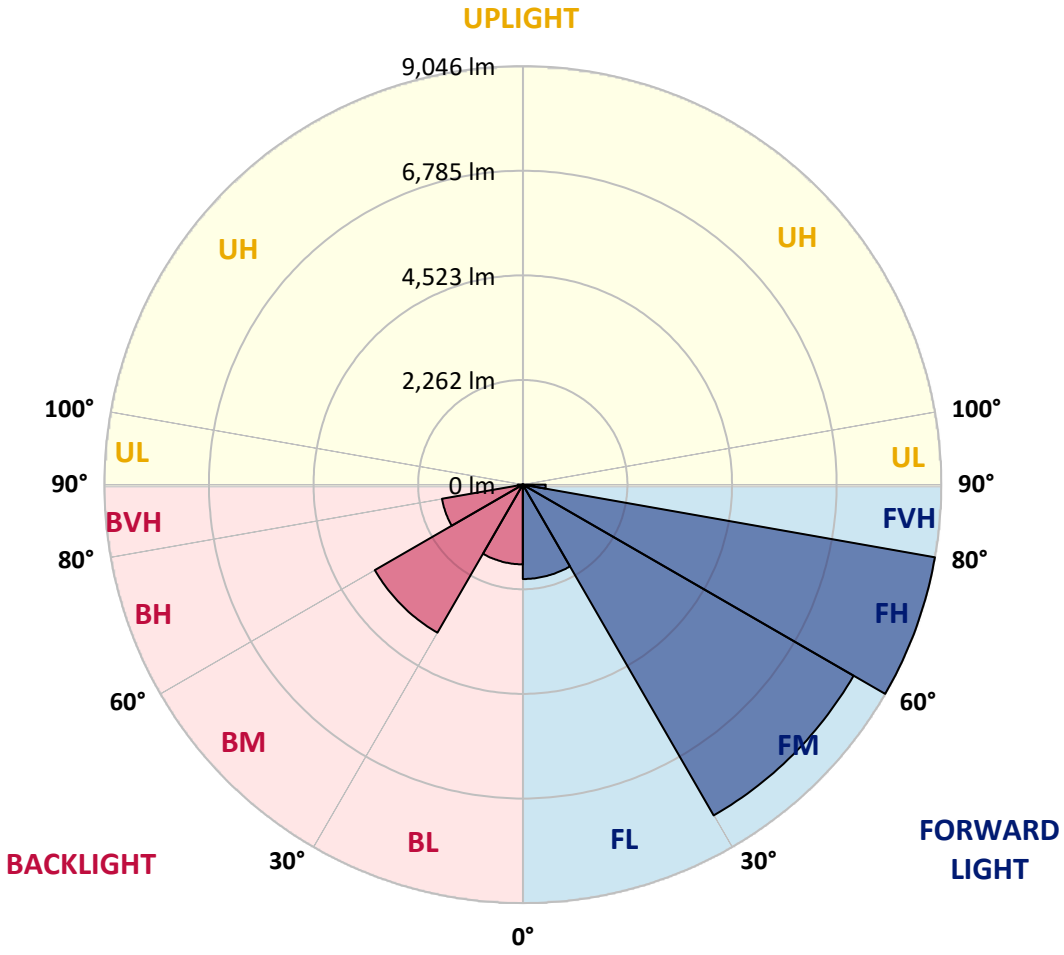
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2039.8	7.5			
FM	(30°-60°)	8256.6	30.4			
FH	(60°-80°)	9046.5	33.3			G4/12000
FVH	(80°-90°)	495.9	1.8			G3/500
BL	(0°-30°)	1723.6	6.4	B3/2500		
BM	(30°-60°)	3694.1	13.6	B3/5000		
BH	(60°-80°)	1773.2	6.5	B3/2500		G3/2500
BVH	(80°-90°)	110.4	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°	4327.5	4327.5	4327.5	4327.5	4327.5	4327.5	4327.5	4327.5	4327.5	4327.5	4327.5
2.5°	4676.0	4633.5	4591.7	4553.2	4514.7	4476.2	4437.0	4399.9	4362.0	4324.2	4291.0
5°	4994.6	4919.6	4845.2	4766.9	4689.3	4612.9	4536.6	4464.3	4392.6	4317.6	4253.2
7.5°	5316.5	5190.4	5064.3	4945.5	4826.7	4720.5	4614.3	4519.3	4423.8	4324.2	4246.6
10°	5518.9	5368.3	5216.9	5069.6	4921.6	4790.8	4659.4	4549.9	4440.4	4334.2	4251.2
12.5°	5621.8	5471.8	5321.8	5156.5	4991.3	4844.6	4697.9	4577.1	4457.0	4340.8	4259.8
15°	5671.6	5519.6	5368.3	5200.3	5032.4	4874.4	4715.8	4579.7	4443.7	4314.3	4242.6
17.5°	5684.9	5542.8	5401.4	5222.2	5043.0	4862.5	4682.6	4524.0	4366.0	4214.7	4153.6
20°	5728.0	5584.6	5441.3	5248.8	5056.3	4844.6	4632.8	4424.4	4216.0	4015.6	3977.1
22.5°	5774.5	5643.0	5512.3	5300.6	5089.5	4830.6	4571.8	4310.3	4048.8	3809.8	3773.3
25°	5847.5	5734.0	5620.5	5389.5	5158.5	4829.3	4500.1	4174.2	3848.3	3574.2	3570.9
27.5°	5953.7	5866.7	5779.8	5519.6	5260.1	4841.9	4423.8	4034.8	3645.2	3365.1	3381.7
30°	6103.0	6034.6	5966.9	5673.6	5379.5	4869.1	4359.4	3913.4	3468.0	3195.9	3213.8
32.5°	6285.5	6243.1	6200.6	5854.8	5509.0	4899.7	4291.0	3807.2	3324.0	3073.1	3073.1
35°	6594.2	6541.1	6488.0	6047.3	5607.2	4892.4	4178.2	3686.4	3193.9	3000.1	2958.9
37.5°	6985.8	6922.7	6859.7	6282.2	5704.8	4871.8	4038.8	3552.3	3066.4	2913.8	2835.5
40°	7563.2	7439.1	7314.3	6551.0	5787.7	4825.3	3862.9	3392.3	2921.7	2800.9	2702.7
42.5°	8373.0	8110.1	7846.6	6848.4	5848.8	4745.0	3640.6	3201.8	2762.5	2678.2	2556.7
45°	9378.5	8957.1	8535.6	7251.9	5968.3	4689.9	3411.6	3008.0	2605.1	2528.8	2408.0
47.5°	10340.9	9807.3	9273.7	7666.8	6059.9	4625.5	3191.2	2815.6	2441.2	2352.9	2240.1
50°	11456.0	10732.5	10009.1	8028.5	6047.9	4516.0	2983.5	2644.3	2304.5	2183.7	2072.2
52.5°	12886.4	11737.4	10587.8	8199.7	5811.0	4291.7	2773.1	2490.3	2208.9	2054.2	1934.8
55°	14595.5	12747.0	10898.5	8154.6	5410.7	3994.3	2576.6	2361.6	2145.2	1991.2	1850.5
57.5°	16337.8	13594.6	10852.0	7908.4	4964.7	3683.0	2401.4	2252.7	2104.0	1974.6	1802.0
60°	17645.3	13974.2	10302.4	7318.3	4334.2	3289.5	2244.7	2140.5	2036.3	1934.8	1762.2
62.5°	17104.4	13131.9	9159.5	6351.2	3543.0	2790.3	2037.7	1979.2	1921.5	1878.4	1713.8
65°	*15279.1*	*11326.6*	*7374.1*	*4982.0*	*2589.9*	*2193.0*	*1795.4*	*1782.8*	*1770.8*	*1758.9*	*1622.8*
67.5°	13566.7	9727.7	5888.6	3876.9	1865.1	1676.6	1488.1	1523.3	1558.4	1576.4	1483.4
70°	11927.3	8264.1	4601.0	2970.9	1340.7	1274.4	1208.0	1260.4	1312.9	1307.6	1262.4
72.5°	10238.1	6862.3	3485.9	2233.5	981.0	979.7	979.0	1018.8	1058.7	1005.6	1034.1
75°	8382.9	5479.1	2575.3	1655.3	735.4	730.8	726.8	773.9	821.7	842.9	861.5
77.5°	5575.3	3594.8	1614.2	1069.9	525.7	529.7	532.3	584.1	635.9	696.9	700.2
80°	3272.2	2060.9	849.6	591.4	333.2	337.2	339.8	394.3	448.0	534.3	531.0
82.5°	1636.1	1032.8	430.1	317.9	205.8	206.4	207.1	233.6	260.2	308.6	321.9
85°	371.7	245.6	119.5	100.9	83.0	86.9	91.6	108.9	126.1	152.7	160.6
87.5°	29.9	29.2	27.9	27.2	26.5	27.9	29.9	33.2	36.5	39.8	46.5
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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	4327.5	4327.5	4327.5	4327.5	4327.5	4327.5	4327.5	4327.5	4327.5	4327.5	4327.5
2.5°	4255.2	4220.0	4192.1	4164.9	4141.0	4116.5	4087.9	4058.7	4038.1	4016.9	4003.0
5°	4189.5	4127.1	4075.3	4023.5	3981.1	3937.3	3898.8	3859.6	3829.1	3797.9	3772.7
7.5°	4168.9	4091.9	4024.9	3957.2	3900.1	3843.0	3795.2	3746.8	3701.0	3655.8	3626.6
10°	4169.6	4088.6	4019.6	3950.5	3890.1	3829.7	3766.7	3703.6	3653.2	3602.7	3558.9
12.5°	4192.1	4125.1	4076.6	4028.9	3973.1	3917.3	3842.3	3766.7	3698.3	3630.6	3576.9
15°	4198.8	4155.0	4151.0	4147.0	4127.7	4108.5	4038.8	3969.1	3874.9	3780.0	3703.0
17.5°	4147.7	4141.7	4207.4	4273.1	4310.9	4348.8	4300.3	4251.2	4118.5	3985.7	3870.9
20°	4014.9	4052.1	4180.8	4308.9	4411.2	4513.4	4508.1	4503.4	4330.2	4156.3	4005.6
22.5°	3829.1	3884.2	4052.1	4220.0	4367.4	4514.7	4552.5	4589.7	4419.8	4249.2	4063.4
25°	3631.3	3691.7	3847.0	4002.3	4160.9	4319.6	4389.9	4460.3	4320.2	4180.2	3999.6
27.5°	3439.5	3497.9	3613.4	3728.8	3856.3	3983.7	4062.7	4141.7	4056.1	3970.4	3824.4
30°	3258.9	3304.1	3387.7	3471.3	3557.6	3643.9	3706.9	3770.0	3713.6	3657.2	3552.3
32.5°	3092.3	3111.6	3166.0	3220.4	3284.8	3348.5	3383.7	3418.2	3374.4	3330.6	3261.6
35°	2943.0	2927.1	2962.9	2998.7	3050.5	3102.9	3129.5	3156.0	3119.5	3083.0	3021.3
37.5°	2793.0	2749.2	2766.4	2782.4	2826.8	2870.6	2908.5	2947.0	2920.4	2893.9	2841.4
40°	2639.0	2575.3	2574.0	2572.0	2614.4	2656.3	2704.0	2751.2	2746.5	2741.2	2691.4
42.5°	2475.7	2394.7	2386.1	2377.5	2419.3	2461.1	2511.6	2562.0	2572.0	2581.9	2540.8
45°	2324.4	2242.1	2228.8	2215.5	2251.4	2288.5	2343.6	2399.4	2422.6	2445.9	2408.7
47.5°	2169.1	2097.4	2089.4	2080.8	2118.6	2157.1	2218.2	2279.9	2304.5	2329.7	2304.5
50°	2013.8	1954.7	1964.6	1974.6	2016.4	2057.6	2105.4	2153.8	2199.6	2244.7	2240.1
52.5°	1891.0	1846.5	1877.7	1908.2	1946.1	1984.6	2034.3	2084.1	2131.9	2180.4	2187.7
55°	1801.4	1752.3	1796.1	1839.9	1885.7	1931.5	1977.9	2024.4	2069.5	2114.0	2123.9
57.5°	1733.0	1664.6	1708.4	1752.3	1802.0	1851.8	1898.3	1944.7	1997.2	2049.6	2057.6
60°	1675.9	1589.6	1618.8	1647.4	1698.5	1748.9	1797.4	1845.2	1898.3	1951.4	1962.0
62.5°	1600.9	1488.1	1492.1	1494.7	1552.5	1609.5	1649.4	1689.2	1739.6	1790.7	1806.0
65°	*1501.4*	*1380.6*	*1367.3*	*1354.0*	*1408.4*	*1463.5*	*1494.7*	*1526.6*	*1570.4*	*1614.2*	*1629.5*
67.5°	1376.6	1269.1	1241.8	1214.6	1265.1	1315.5	1341.4	1367.3	1397.2	1427.0	1444.3
70°	1198.7	1135.0	1117.7	1100.5	1141.6	1182.8	1205.3	1227.9	1251.8	1275.7	1285.0
72.5°	1019.5	1005.6	992.9	981.0	1012.2	1043.4	1062.6	1081.9	1104.4	1127.0	1132.3
75°	853.6	846.3	837.0	828.3	852.2	876.1	890.7	906.0	929.2	952.5	962.4
77.5°	683.0	665.1	655.8	645.1	667.1	689.0	702.9	716.8	736.1	755.3	758.0
80°	509.7	487.8	480.5	472.6	488.5	504.4	509.7	514.4	530.3	545.6	545.6
82.5°	321.9	321.9	317.3	312.0	308.6	305.3	298.7	292.0	308.0	323.9	329.2
85°	162.0	162.6	155.3	147.3	138.1	127.4	125.4	122.8	122.1	120.8	125.4
87.5°	50.4	54.4	58.4	61.1	65.0	67.7	65.7	63.1	60.4	58.4	53.1
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):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	4327.5	4327.5	4327.5	4327.5	4327.5	4327.5	4327.5	4327.5	4327.5	4327.5	4327.5
2.5°	3989.0	3982.4	3975.8	3970.4	3965.8	3962.5	3965.8	3970.4	3975.8	3982.4	3989.0
5°	3746.8	3736.1	3724.9	3717.6	3710.3	3703.6	3710.3	3717.6	3724.9	3736.1	3746.8
7.5°	3597.4	3580.2	3562.9	3550.3	3537.7	3531.1	3537.7	3550.3	3562.9	3580.2	3597.4
10°	3516.5	3491.9	3468.0	3454.7	3441.4	3431.5	3441.4	3454.7	3468.0	3491.9	3516.5
12.5°	3523.1	3492.6	3463.4	3443.4	3423.5	3411.6	3423.5	3443.4	3463.4	3492.6	3523.1
15°	3625.3	3582.8	3539.0	3514.5	3489.9	3471.3	3489.9	3514.5	3539.0	3582.8	3625.3
17.5°	3756.7	3694.3	3631.9	3610.0	3587.5	3577.5	3587.5	3610.0	3631.9	3694.3	3756.7
20°	3855.0	3771.3	3689.0	3655.8	3622.6	3610.7	3622.6	3655.8	3689.0	3771.3	3855.0
22.5°	3877.5	3779.3	3680.4	3649.2	3617.3	3604.1	3617.3	3649.2	3680.4	3779.3	3877.5
25°	3819.8	3716.2	3612.0	3580.2	3547.6	3537.7	3547.6	3580.2	3612.0	3716.2	3819.8
27.5°	3678.4	3586.8	3494.5	3460.7	3426.2	3404.9	3426.2	3460.7	3494.5	3586.8	3678.4
30°	3448.1	3379.7	3312.0	3290.8	3268.9	3258.9	3268.9	3290.8	3312.0	3379.7	3448.1
32.5°	3192.5	3150.1	3107.6	3093.7	3079.7	3073.1	3079.7	3093.7	3107.6	3150.1	3192.5
35°	2960.2	2929.7	2899.2	2887.9	2877.3	2867.3	2877.3	2887.9	2899.2	2929.7	2960.2
37.5°	2789.0	2753.2	2716.0	2696.1	2676.2	2661.6	2676.2	2696.1	2716.0	2753.2	2789.0
40°	2641.7	2589.9	2538.8	2511.6	2483.7	2469.1	2483.7	2511.6	2538.8	2589.9	2641.7
42.5°	2499.0	2439.2	2379.5	2337.7	2296.5	2270.0	2296.5	2337.7	2379.5	2439.2	2499.0
45°	2370.9	2303.8	2236.8	2187.0	2137.2	2104.0	2137.2	2187.0	2236.8	2303.8	2370.9
47.5°	2279.9	2222.2	2163.8	2120.0	2076.2	2044.3	2076.2	2120.0	2163.8	2222.2	2279.9
50°	2235.4	2189.7	2143.9	2102.7	2060.9	2031.0	2060.9	2102.7	2143.9	2189.7	2235.4
52.5°	2195.6	2162.4	2129.3	2093.4	2057.6	2031.0	2057.6	2093.4	2129.3	2162.4	2195.6
55°	2133.9	2110.0	2085.4	2058.9	2032.3	2011.1	2032.3	2058.9	2085.4	2110.0	2133.9
57.5°	2065.5	2040.3	2014.4	1994.5	1974.6	1964.6	1974.6	1994.5	2014.4	2040.3	2065.5
60°	1972.6	1952.7	1932.8	1914.2	1895.0	1878.4	1895.0	1914.2	1932.8	1952.7	1972.6
62.5°	1821.9	1812.7	1804.0	1782.8	1762.2	1739.0	1762.2	1782.8	1804.0	1812.7	1821.9
65°	*1644.7*	*1640.1*	*1636.1*	*1620.8*	*1606.2*	*1579.7*	*1606.2*	*1620.8*	*1636.1*	*1640.1*	*1644.7*
67.5°	1461.5	1452.9	1443.6	1427.7	1412.4	1407.1	1412.4	1427.7	1443.6	1452.9	1461.5
70°	1294.3	1281.0	1267.7	1231.9	1196.0	1154.9	1196.0	1231.9	1267.7	1281.0	1294.3
72.5°	1138.3	1117.7	1096.5	1054.7	1012.2	969.0	1012.2	1054.7	1096.5	1117.7	1138.3
75°	972.4	943.2	914.6	870.2	826.3	796.5	826.3	870.2	914.6	943.2	972.4
77.5°	762.0	736.7	711.5	685.0	658.4	643.8	658.4	685.0	711.5	736.7	762.0
80°	545.6	527.0	507.8	494.5	481.2	471.2	481.2	494.5	507.8	527.0	545.6
82.5°	335.2	326.6	318.6	304.0	288.7	278.8	288.7	304.0	318.6	326.6	335.2
85°	129.4	127.4	126.1	120.8	116.2	112.8	116.2	120.8	126.1	127.4	129.4
87.5°	47.8	43.8	39.8	37.2	34.5	33.2	34.5	37.2	39.8	43.8	47.8
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: P1364202
CATALOG NUMBER: GSS-SB3D-730-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	4327.5	4327.5	4327.5	4327.5	4327.5	4327.5	4327.5	4327.5	4327.5	4327.5	4327.5
2.5°	4003.0	4016.9	4038.1	4058.7	4087.9	4116.5	4141.0	4164.9	4192.1	4220.0	4255.2
5°	3772.7	3797.9	3829.1	3859.6	3898.8	3937.3	3981.1	4023.5	4075.3	4127.1	4189.5
7.5°	3626.6	3655.8	3701.0	3746.8	3795.2	3843.0	3900.1	3957.2	4024.9	4091.9	4168.9
10°	3558.9	3602.7	3653.2	3703.6	3766.7	3829.7	3890.1	3950.5	4019.6	4088.6	4169.6
12.5°	3576.9	3630.6	3698.3	3766.7	3842.3	3917.3	3973.1	4028.9	4076.6	4125.1	4192.1
15°	3703.0	3780.0	3874.9	3969.1	4038.8	4108.5	4127.7	4147.0	4151.0	4155.0	4198.8
17.5°	3870.9	3985.7	4118.5	4251.2	4300.3	4348.8	4310.9	4273.1	4207.4	4141.7	4147.7
20°	4005.6	4156.3	4330.2	4503.4	4508.1	4513.4	4411.2	4308.9	4180.8	4052.1	4014.9
22.5°	4063.4	4249.2	4419.8	4589.7	4552.5	4514.7	4367.4	4220.0	4052.1	3884.2	3829.1
25°	3999.6	4180.2	4320.2	4460.3	4389.9	4319.6	4160.9	4002.3	3847.0	3691.7	3631.3
27.5°	3824.4	3970.4	4056.1	4141.7	4062.7	3983.7	3856.3	3728.8	3613.4	3497.9	3439.5
30°	3552.3	3657.2	3713.6	3770.0	3706.9	3643.9	3557.6	3471.3	3387.7	3304.1	3258.9
32.5°	3261.6	3330.6	3374.4	3418.2	3383.7	3348.5	3284.8	3220.4	3166.0	3111.6	3092.3
35°	3021.3	3083.0	3119.5	3156.0	3129.5	3102.9	3050.5	2998.7	2962.9	2927.1	2943.0
37.5°	2841.4	2893.9	2920.4	2947.0	2908.5	2870.6	2826.8	2782.4	2766.4	2749.2	2793.0
40°	2691.4	2741.2	2746.5	2751.2	2704.0	2656.3	2614.4	2572.0	2574.0	2575.3	2639.0
42.5°	2540.8	2581.9	2572.0	2562.0	2511.6	2461.1	2419.3	2377.5	2386.1	2394.7	2475.7
45°	2408.7	2445.9	2422.6	2399.4	2343.6	2288.5	2251.4	2215.5	2228.8	2242.1	2324.4
47.5°	2304.5	2329.7	2304.5	2279.9	2218.2	2157.1	2118.6	2080.8	2089.4	2097.4	2169.1
50°	2240.1	2244.7	2199.6	2153.8	2105.4	2057.6	2016.4	1974.6	1964.6	1954.7	2013.8
52.5°	2187.7	2180.4	2131.9	2084.1	2034.3	1984.6	1946.1	1908.2	1877.7	1846.5	1891.0
55°	2123.9	2114.0	2069.5	2024.4	1977.9	1931.5	1885.7	1839.9	1796.1	1752.3	1801.4
57.5°	2057.6	2049.6	1997.2	1944.7	1898.3	1851.8	1802.0	1752.3	1708.4	1664.6	1733.0
60°	1962.0	1951.4	1898.3	1845.2	1797.4	1748.9	1698.5	1647.4	1618.8	1589.6	1675.9
62.5°	1806.0	1790.7	1739.6	1689.2	1649.4	1609.5	1552.5	1494.7	1492.1	1488.1	1600.9
65°	*1629.5*	*1614.2*	*1570.4*	*1526.6*	*1494.7*	*1463.5*	*1408.4*	*1354.0*	*1367.3*	*1380.6*	*1501.4*
67.5°	1444.3	1427.0	1397.2	1367.3	1341.4	1315.5	1265.1	1214.6	1241.8	1269.1	1376.6
70°	1285.0	1275.7	1251.8	1227.9	1205.3	1182.8	1141.6	1100.5	1117.7	1135.0	1198.7
72.5°	1132.3	1127.0	1104.4	1081.9	1062.6	1043.4	1012.2	981.0	992.9	1005.6	1019.5
75°	962.4	952.5	929.2	906.0	890.7	876.1	852.2	828.3	837.0	846.3	853.6
77.5°	758.0	755.3	736.1	716.8	702.9	689.0	667.1	645.1	655.8	665.1	683.0
80°	545.6	545.6	530.3	514.4	509.7	504.4	488.5	472.6	480.5	487.8	509.7
82.5°	329.2	323.9	308.0	292.0	298.7	305.3	308.6	312.0	317.3	321.9	321.9
85°	125.4	120.8	122.1	122.8	125.4	127.4	138.1	147.3	155.3	162.6	162.0
87.5°	53.1	58.4	60.4	63.1	65.7	67.7	65.0	61.1	58.4	54.4	50.4
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: P1364202
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CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	4327.5	4327.5	4327.5	4327.5	4327.5	4327.5	4327.5	4327.5	4327.5	4327.5	4327.5
2.5°	4291.0	4324.2	4362.0	4399.9	4437.0	4476.2	4514.7	4553.2	4591.7	4633.5	4676.0
5°	4253.2	4317.6	4392.6	4464.3	4536.6	4612.9	4689.3	4766.9	4845.2	4919.6	4994.6
7.5°	4246.6	4324.2	4423.8	4519.3	4614.3	4720.5	4826.7	4945.5	5064.3	5190.4	5316.5
10°	4251.2	4334.2	4440.4	4549.9	4659.4	4790.8	4921.6	5069.6	5216.9	5368.3	5518.9
12.5°	4259.8	4340.8	4457.0	4577.1	4697.9	4844.6	4991.3	5156.5	5321.8	5471.8	5621.8
15°	4242.6	4314.3	4443.7	4579.7	4715.8	4874.4	5032.4	5200.3	5368.3	5519.6	5671.6
17.5°	4153.6	4214.7	4366.0	4524.0	4682.6	4862.5	5043.0	5222.2	5401.4	5542.8	5684.9
20°	3977.1	4015.6	4216.0	4424.4	4632.8	4844.6	5056.3	5248.8	5441.3	5584.6	5728.0
22.5°	3773.3	3809.8	4048.8	4310.3	4571.8	4830.6	5089.5	5300.6	5512.3	5643.0	5774.5
25°	3570.9	3574.2	3848.3	4174.2	4500.1	4829.3	5158.5	5389.5	5620.5	5734.0	5847.5
27.5°	3381.7	3365.1	3645.2	4034.8	4423.8	4841.9	5260.1	5519.6	5779.8	5866.7	5953.7
30°	3213.8	3195.9	3468.0	3913.4	4359.4	4869.1	5379.5	5673.6	5966.9	6034.6	6103.0
32.5°	3073.1	3073.1	3324.0	3807.2	4291.0	4899.7	5509.0	5854.8	6200.6	6243.1	6285.5
35°	2958.9	3000.1	3193.9	3686.4	4178.2	4892.4	5607.2	6047.3	6488.0	6541.1	6594.2
37.5°	2835.5	2913.8	3066.4	3552.3	4038.8	4871.8	5704.8	6282.2	6859.7	6922.7	6985.8
40°	2702.7	2800.9	2921.7	3392.3	3862.9	4825.3	5787.7	6551.0	7314.3	7439.1	7563.2
42.5°	2556.7	2678.2	2762.5	3201.8	3640.6	4745.0	5848.8	6848.4	7846.6	8110.1	8373.0
45°	2408.0	2528.8	2605.1	3008.0	3411.6	4689.9	5968.3	7251.9	8535.6	8957.1	9378.5
47.5°	2240.1	2352.9	2441.2	2815.6	3191.2	4625.5	6059.9	7666.8	9273.7	9807.3	10340.9
50°	2072.2	2183.7	2304.5	2644.3	2983.5	4516.0	6047.9	8028.5	10009.1	10732.5	11456.0
52.5°	1934.8	2054.2	2208.9	2490.3	2773.1	4291.7	5811.0	8199.7	10587.8	11737.4	12886.4
55°	1850.5	1991.2	2145.2	2361.6	2576.6	3994.3	5410.7	8154.6	10898.5	12747.0	14595.5
57.5°	1802.0	1974.6	2104.0	2252.7	2401.4	3683.0	4964.7	7908.4	10852.0	13594.6	16337.8
60°	1762.2	1934.8	2036.3	2140.5	2244.7	3289.5	4334.2	7318.3	10302.4	13974.2	17645.3
62.5°	1713.8	1878.4	1921.5	1979.2	2037.7	2790.3	3543.0	6351.2	9159.5	13131.9	17104.4
65°	*1622.8*	*1758.9*	*1770.8*	*1782.8*	*1795.4*	*2193.0*	*2589.9*	*4982.0*	*7374.1*	*11326.6*	*15279.1*
67.5°	1483.4	1576.4	1558.4	1523.3	1488.1	1676.6	1865.1	3876.9	5888.6	9727.7	13566.7
70°	1262.4	1307.6	1312.9	1260.4	1208.0	1274.4	1340.7	2970.9	4601.0	8264.1	11927.3
72.5°	1034.1	1005.6	1058.7	1018.8	979.0	979.7	981.0	2233.5	3485.9	6862.3	10238.1
75°	861.5	842.9	821.7	773.9	726.8	730.8	735.4	1655.3	2575.3	5479.1	8382.9
77.5°	700.2	696.9	635.9	584.1	532.3	529.7	525.7	1069.9	1614.2	3594.8	5575.3
80°	531.0	534.3	448.0	394.3	339.8	337.2	333.2	591.4	849.6	2060.9	3272.2
82.5°	321.9	308.6	260.2	233.6	207.1	206.4	205.8	317.9	430.1	1032.8	1636.1
85°	160.6	152.7	126.1	108.9	91.6	86.9	83.0	100.9	119.5	245.6	371.7
87.5°	46.5	39.8	36.5	33.2	29.9	27.9	26.5	27.2	27.9	29.2	29.9
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: P1364202
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CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	4327.5	4327.5	4327.5	4327.5	4327.5	4327.5	4327.5	4327.5	*4327.5*	4327.5	4327.5
2.5°	4692.6	4709.2	4727.1	4745.7	4756.3	4766.9	4778.2	4788.8	*4798.8*	4788.8	4778.2
5°	5069.6	5143.9	5194.4	5244.8	5283.3	5321.8	5343.7	5366.3	*5369.6*	5366.3	5343.7
7.5°	5405.4	5494.4	5571.4	5648.4	5697.5	5746.6	5775.1	5804.3	*5814.3*	5804.3	5775.1
10°	5623.1	5728.0	5802.3	5877.3	5923.1	5968.3	5990.8	6013.4	*6020.0*	6013.4	5990.8
12.5°	5722.0	5822.3	5880.0	5937.1	5966.3	5994.8	6005.4	6014.7	*6006.8*	6014.7	6005.4
15°	5730.7	5789.1	5813.6	5837.5	5823.6	5809.0	5788.4	5767.8	*5754.6*	5767.8	5788.4
17.5°	5705.4	5726.7	5682.2	5638.4	5558.8	5479.1	5419.4	5359.6	*5316.5*	5359.6	5419.4
20°	5694.8	5661.6	5543.5	5426.0	5276.7	5127.3	5027.1	4926.2	*4865.2*	4926.2	5027.1
22.5°	5680.9	5587.3	5388.8	5190.4	4986.0	4782.2	4666.7	4551.9	*4486.8*	4551.9	4666.7
25°	5686.9	5525.6	5257.4	4989.9	4749.7	4510.1	4384.6	4259.8	*4188.1*	4259.8	4384.6
27.5°	5708.1	5462.5	5130.6	4798.8	4538.6	4277.8	4158.3	4038.8	*3975.8*	4038.8	4158.3
30°	5777.1	5450.6	5053.7	4656.1	4383.9	4111.8	3995.0	3877.5	*3809.8*	3877.5	3995.0
32.5°	5874.0	5462.5	5017.8	4573.1	4295.7	4018.9	3906.7	3795.2	*3736.8*	3795.2	3906.7
35°	6073.1	5552.1	5059.0	4566.5	4308.9	4052.1	3969.8	3888.1	*3856.3*	3888.1	3969.8
37.5°	6377.1	5767.8	5260.1	4752.3	4577.1	4401.9	4401.9	4401.9	*4427.1*	4401.9	4401.9
40°	6879.6	6195.9	5715.4	5235.5	5224.9	5215.6	5327.1	5439.3	*5489.1*	5439.3	5327.1
42.5°	7650.2	6928.0	6540.4	6152.8	6385.1	6617.4	6940.0	7262.6	*7473.6*	7262.6	6940.0
45°	8675.0	7971.4	7700.6	7430.5	7947.5	8463.9	9034.1	9604.2	*10009.1*	9604.2	9034.1
47.5°	9748.9	9156.2	9001.5	8847.5	9707.1	10566.6	11402.2	12237.9	*12730.4*	12237.9	11402.2
50°	10923.7	10390.7	10360.9	10331.0	11475.9	12620.9	13699.4	14778.0	*15378.7*	14778.0	13699.4
52.5°	12301.6	11716.2	11740.1	11762.7	13122.6	14482.6	15786.9	17091.1	*17768.1*	17091.1	15786.9
55°	13862.0	13128.6	13124.6	13120.7	14683.1	16246.8	17849.1	19452.7	*20356.7*	19452.7	17849.1
57.5°	15650.8	14963.8	14800.6	14636.6	16270.7	17904.2	19673.7	21443.8	*22394.3*	21443.8	19673.7
60°	17267.0	16888.7	16627.1	16366.3	18044.2	19722.8	21550.7	23378.0	*24325.8*	23378.0	21550.7
62.5°	17780.7	18457.1	18437.8	18418.6	20229.9	22041.2	23942.1	25844.4	*26695.3*	25844.4	23942.1
65°	*16357.7*	*17436.2*	*18178.3*	*18919.7*	*21109.3*	*23298.3*	*25278.9*	*27259.5*	*28129.0*	*27259.5*	*25278.9*
67.5°	14517.1	15468.3	16075.6	16682.9	19150.0	21617.7	23865.1	26112.5	*27007.2*	26112.5	23865.1
70°	12979.9	14032.6	14466.7	14900.8	16996.8	19092.2	20870.4	22647.9	*22998.3*	22647.9	20870.4
72.5°	11489.9	12742.3	12926.2	13110.0	14635.3	16160.5	17107.7	18054.8	*17290.2*	18054.8	17107.7
75°	9795.4	11207.1	11329.9	11452.7	11927.9	12403.8	12644.8	12886.4	*12451.6*	12886.4	12644.8
77.5°	6797.9	8021.2	8296.6	8572.1	8888.7	9206.0	9189.4	9172.8	*8562.1*	9172.8	9189.4
80°	4228.6	5185.1	5220.9	5256.8	5494.4	5731.3	5973.6	6215.8	*5827.6*	6215.8	5973.6
82.5°	2161.1	2686.8	2767.8	2848.7	2994.1	3139.5	3207.2	3275.5	*2947.0*	3275.5	3207.2
85°	508.4	645.1	777.2	909.3	1062.0	1214.6	1197.4	1180.1	*995.6*	1180.1	1197.4
87.5°	30.5	31.9	32.5	33.2	33.9	34.5	36.5	38.5	*39.8*	38.5	36.5
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: P1364202
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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	4327.5	4327.5	4327.5	4327.5	4327.5	4327.5	4327.5
2.5°	4766.9	4756.3	4745.7	4727.1	4709.2	4692.6	4676.0
5°	5321.8	5283.3	5244.8	5194.4	5143.9	5069.6	4994.6
7.5°	5746.6	5697.5	5648.4	5571.4	5494.4	5405.4	5316.5
10°	5968.3	5923.1	5877.3	5802.3	5728.0	5623.1	5518.9
12.5°	5994.8	5966.3	5937.1	5880.0	5822.3	5722.0	5621.8
15°	5809.0	5823.6	5837.5	5813.6	5789.1	5730.7	5671.6
17.5°	5479.1	5558.8	5638.4	5682.2	5726.7	5705.4	5684.9
20°	5127.3	5276.7	5426.0	5543.5	5661.6	5694.8	5728.0
22.5°	4782.2	4986.0	5190.4	5388.8	5587.3	5680.9	5774.5
25°	4510.1	4749.7	4989.9	5257.4	5525.6	5686.9	5847.5
27.5°	4277.8	4538.6	4798.8	5130.6	5462.5	5708.1	5953.7
30°	4111.8	4383.9	4656.1	5053.7	5450.6	5777.1	6103.0
32.5°	4018.9	4295.7	4573.1	5017.8	5462.5	5874.0	6285.5
35°	4052.1	4308.9	4566.5	5059.0	5552.1	6073.1	6594.2
37.5°	4401.9	4577.1	4752.3	5260.1	5767.8	6377.1	6985.8
40°	5215.6	5224.9	5235.5	5715.4	6195.9	6879.6	7563.2
42.5°	6617.4	6385.1	6152.8	6540.4	6928.0	7650.2	8373.0
45°	8463.9	7947.5	7430.5	7700.6	7971.4	8675.0	9378.5
47.5°	10566.6	9707.1	8847.5	9001.5	9156.2	9748.9	10340.9
50°	12620.9	11475.9	10331.0	10360.9	10390.7	10923.7	11456.0
52.5°	14482.6	13122.6	11762.7	11740.1	11716.2	12301.6	12886.4
55°	16246.8	14683.1	13120.7	13124.6	13128.6	13862.0	14595.5
57.5°	17904.2	16270.7	14636.6	14800.6	14963.8	15650.8	16337.8
60°	19722.8	18044.2	16366.3	16627.1	16888.7	17267.0	17645.3
62.5°	22041.2	20229.9	18418.6	18437.8	18457.1	17780.7	17104.4
65°	*23298.3*	*21109.3*	*18919.7*	*18178.3*	*17436.2*	*16357.7*	*15279.1*
67.5°	21617.7	19150.0	16682.9	16075.6	15468.3	14517.1	13566.7
70°	19092.2	16996.8	14900.8	14466.7	14032.6	12979.9	11927.3
72.5°	16160.5	14635.3	13110.0	12926.2	12742.3	11489.9	10238.1
75°	12403.8	11927.9	11452.7	11329.9	11207.1	9795.4	8382.9
77.5°	9206.0	8888.7	8572.1	8296.6	8021.2	6797.9	5575.3
80°	5731.3	5494.4	5256.8	5220.9	5185.1	4228.6	3272.2
82.5°	3139.5	2994.1	2848.7	2767.8	2686.8	2161.1	1636.1
85°	1214.6	1062.0	909.3	777.2	645.1	508.4	371.7
87.5°	34.5	33.9	33.2	32.5	31.9	30.5	29.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-4

Test Date: 10/10/2024

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

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

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

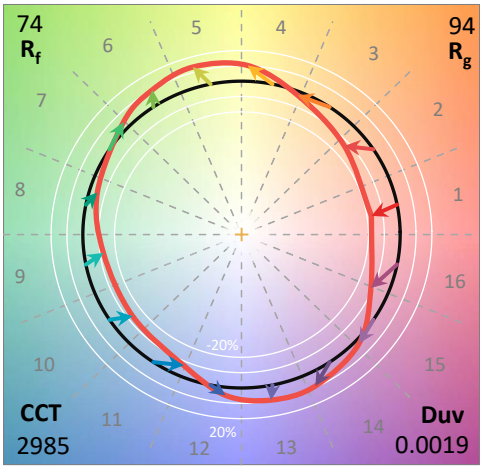
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-4
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	10/15/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGraw-Edison
Catalog Number:	**GSS-SB1A-730-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3000K CCT 26 LEDS

Spectral Parameters

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

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



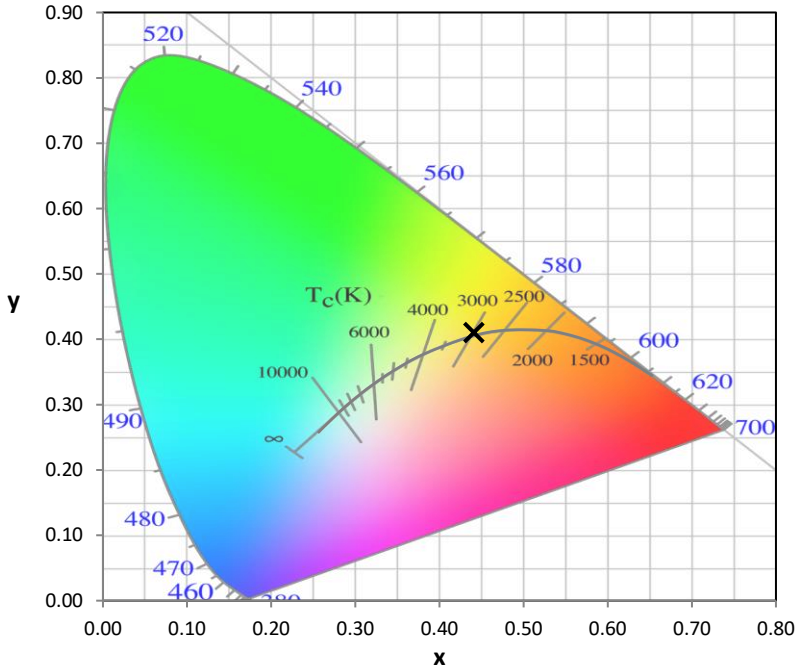
Test Conditions

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

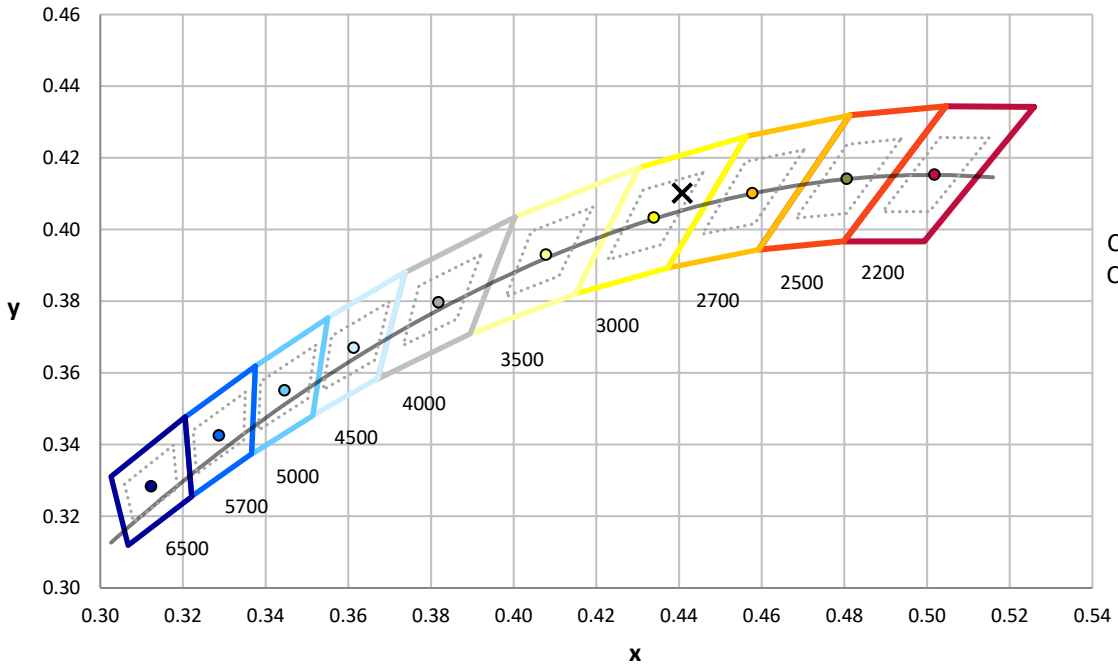
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



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

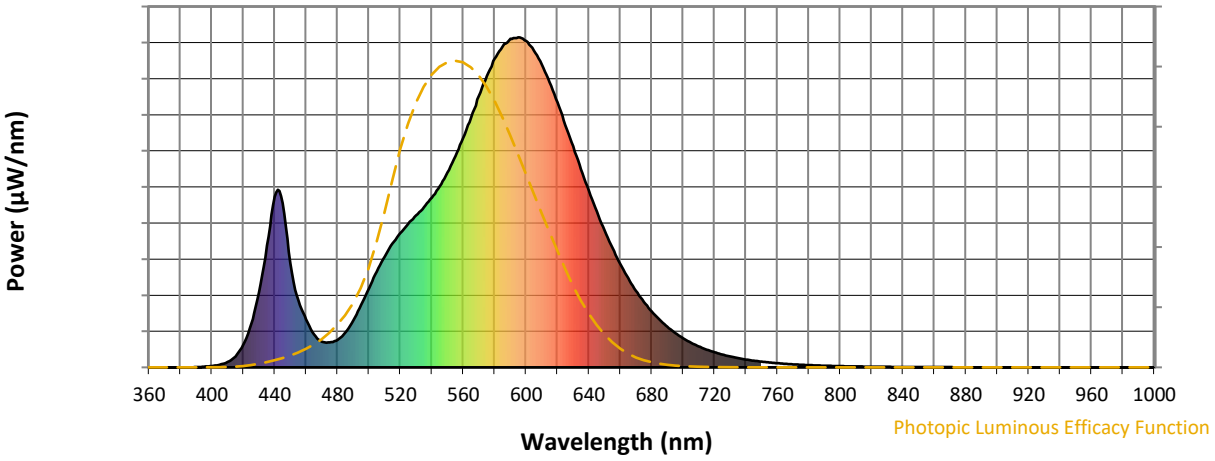


CCT = 2985K
CIE x = 0.4408
CIE y = 0.4101
Duv = 0.0019

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

Photopic Flux vs. Wavelength

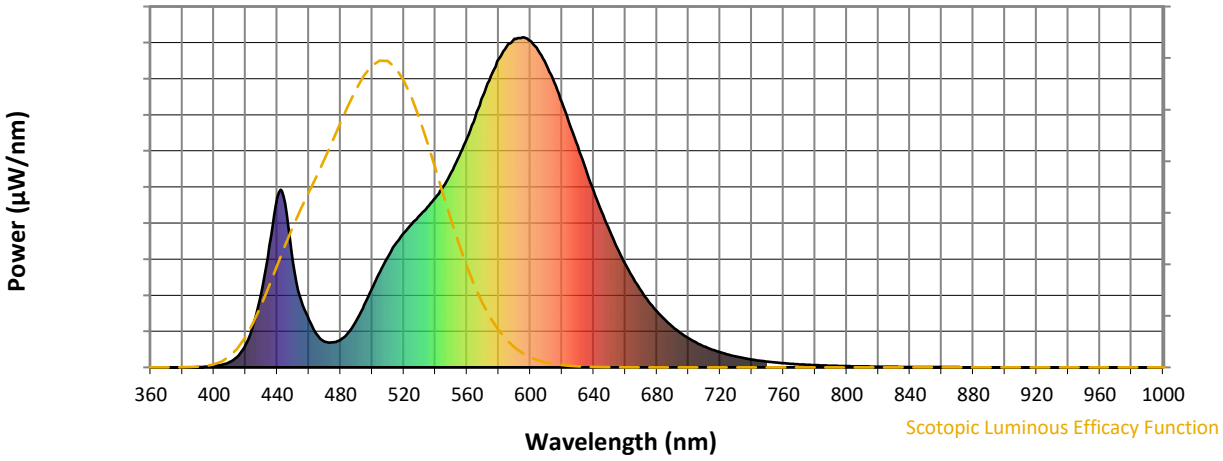


Photopic Lumens: NR

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

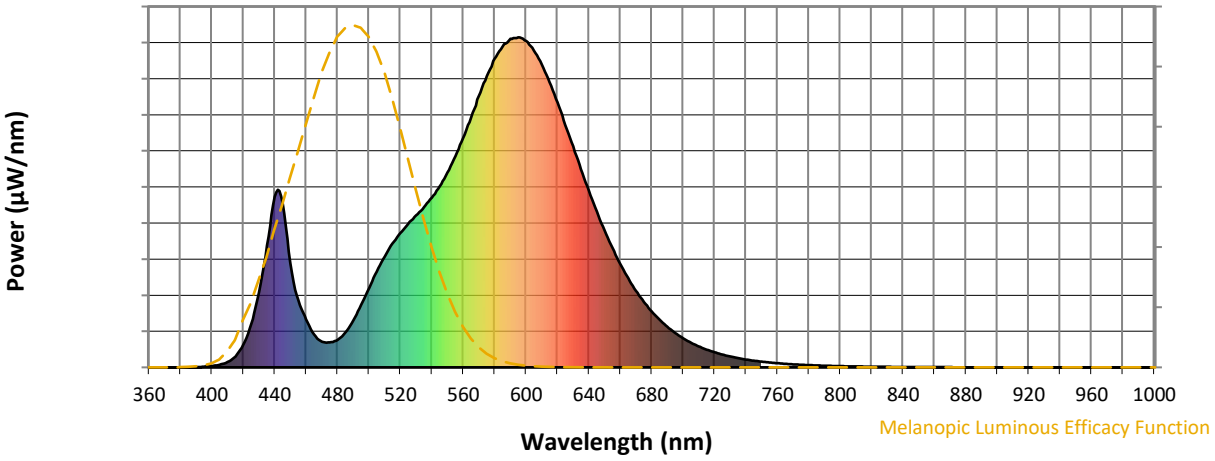


Scotopic Lumens: NR **S/P: 1.19**

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



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

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

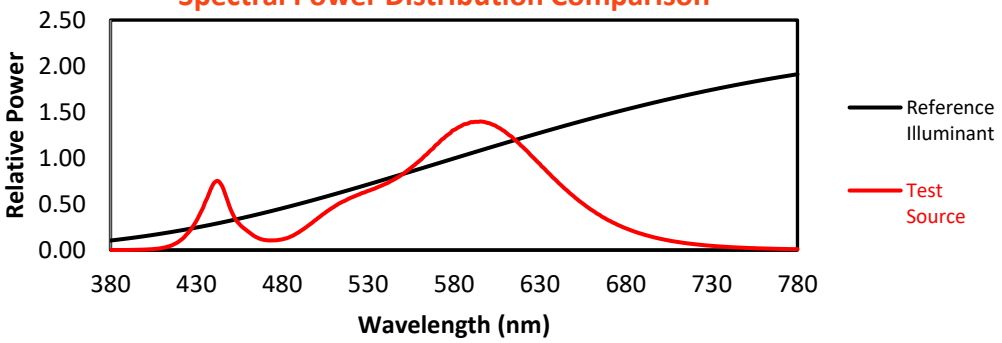
REPORT NUMBER: SP1-2407-184-4

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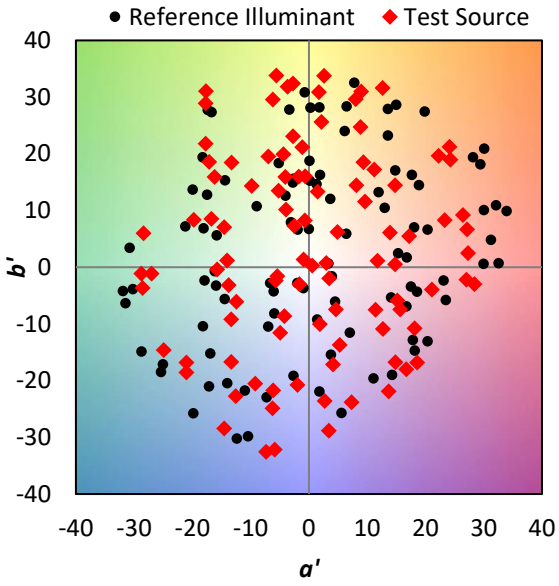
Summary

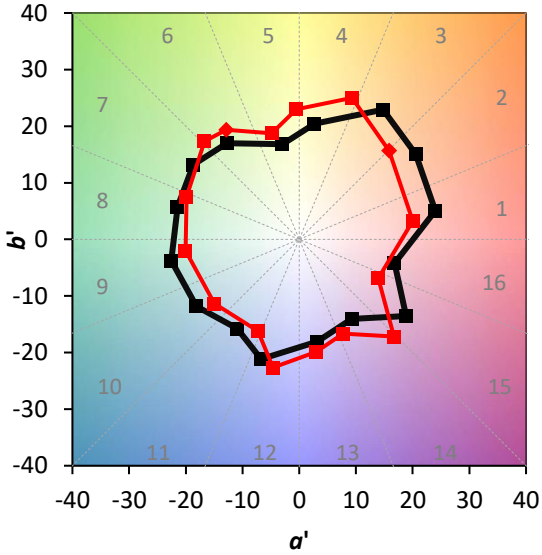
R_f = 73.8
R_g = 94.4
CIE R_a = 70.8
R_9 = -43.2

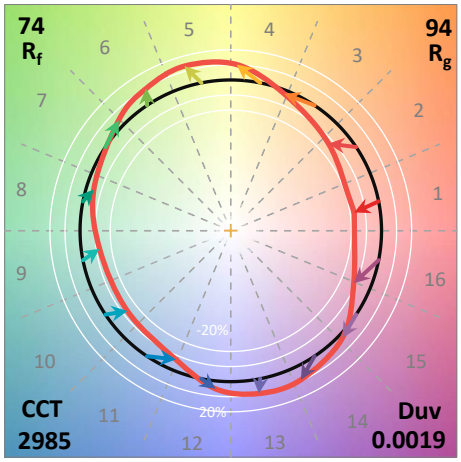
Spectral Power Distribution Comparison

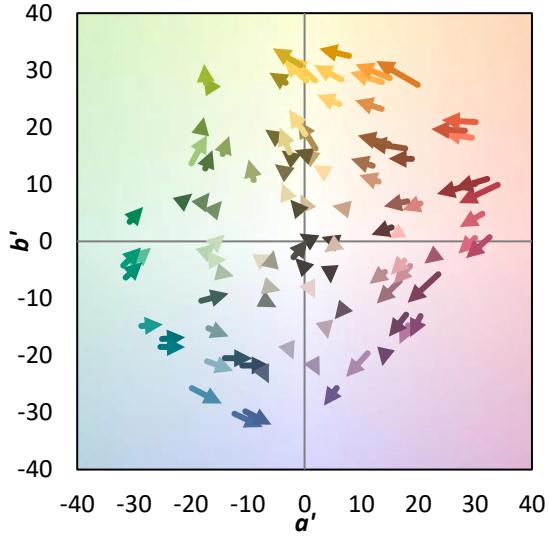


Color Vector Graphics







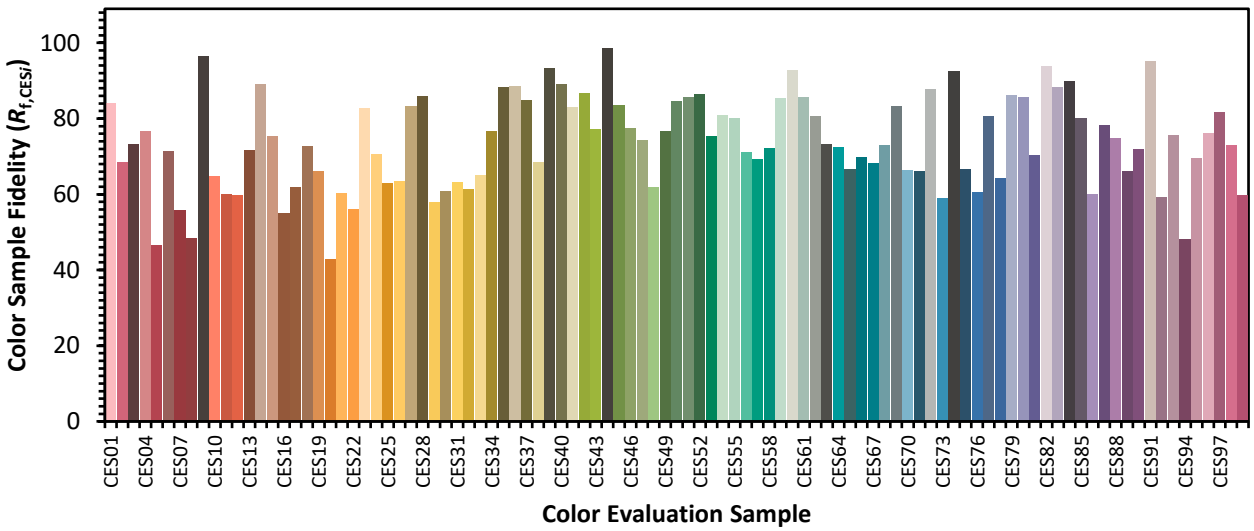


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Individual Sample Fidelity Index ($R_{f,i}$)

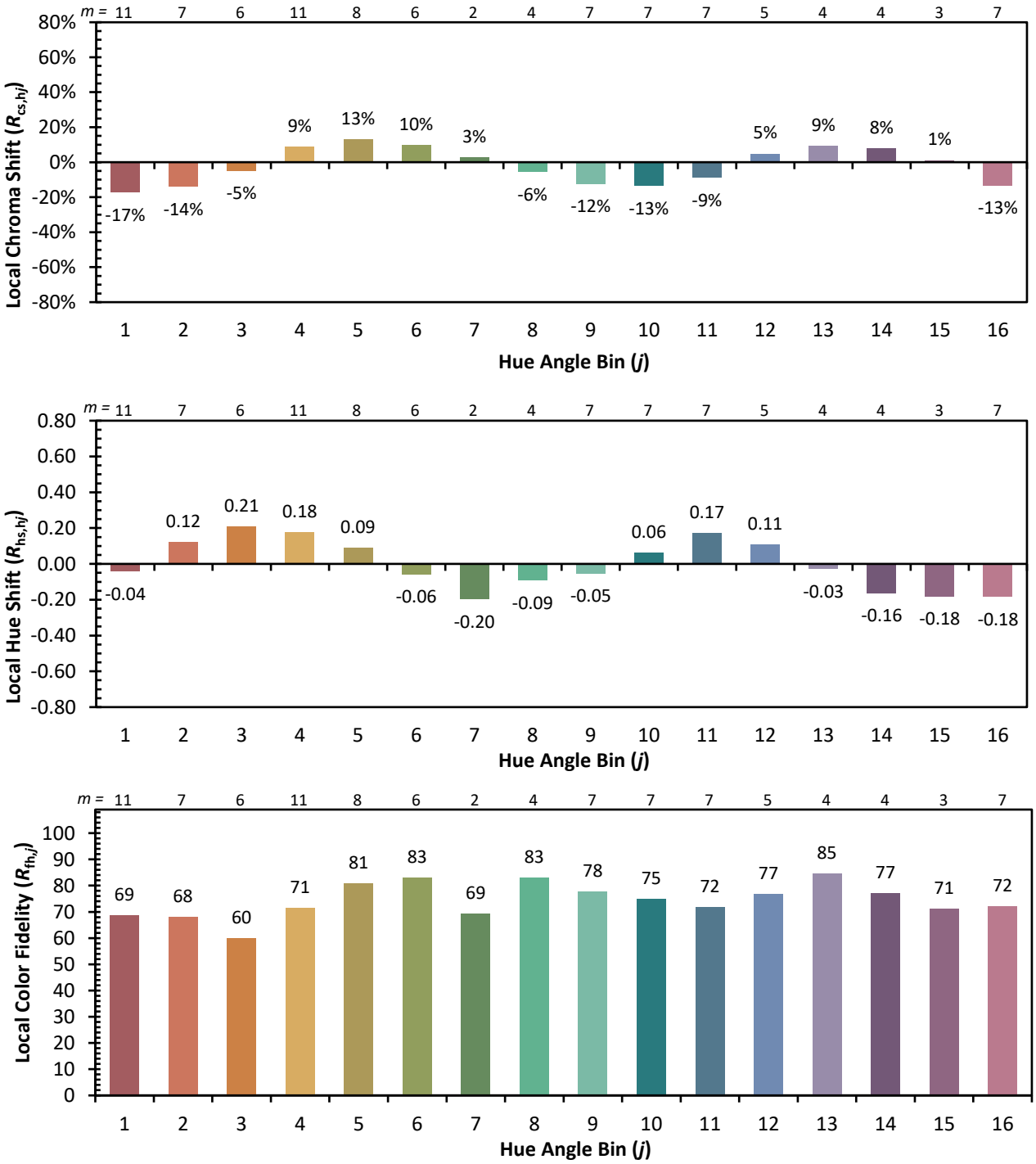
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CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57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



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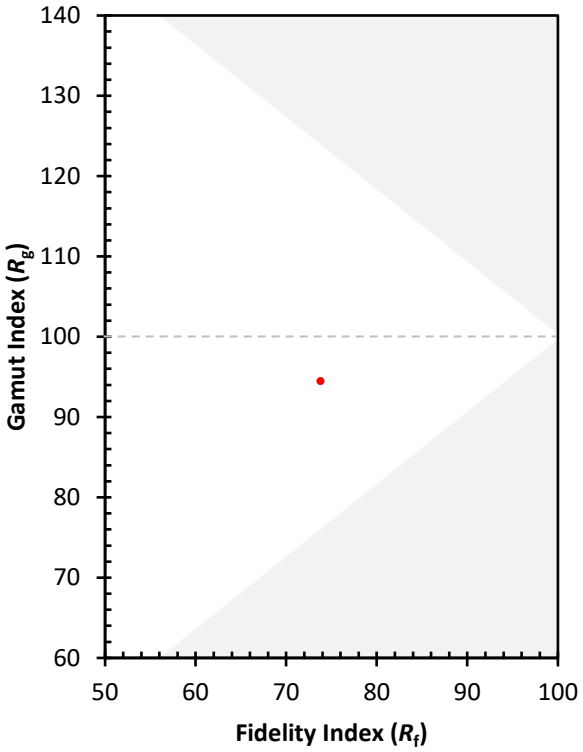
Color Rendition by Hue-Angle Bin

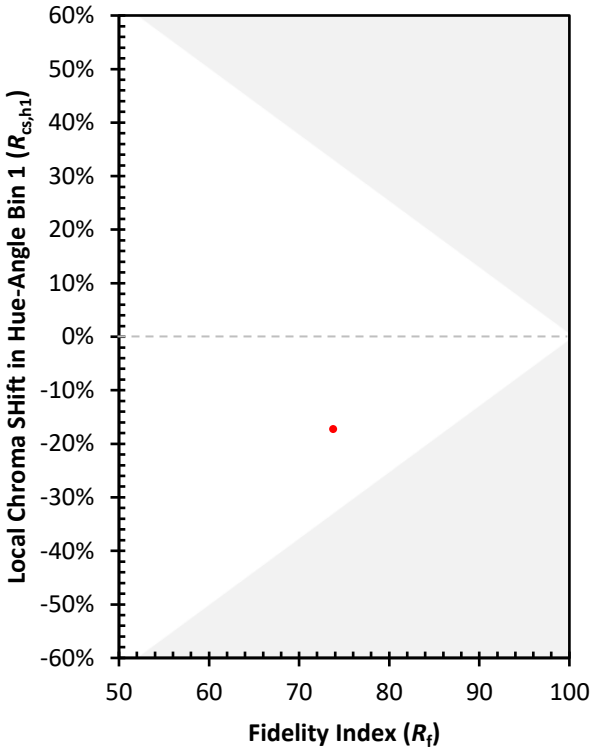


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Measure Comparisons





(END OF REPORT)