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: P1364235

Luminaire Tested: **GSS-SB6A-735-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:	P1364235
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB6A-735-U-SLR
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 6SQUARE 170W 70CRI 3500K FIXTURE w/ 90° Spill Light Eliminator RIGHT OPTIC
Light Source:	(156) 3500K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	24783.3 lumens
Efficiency:	N/A
Efficacy:	145.8 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - U0 - G4

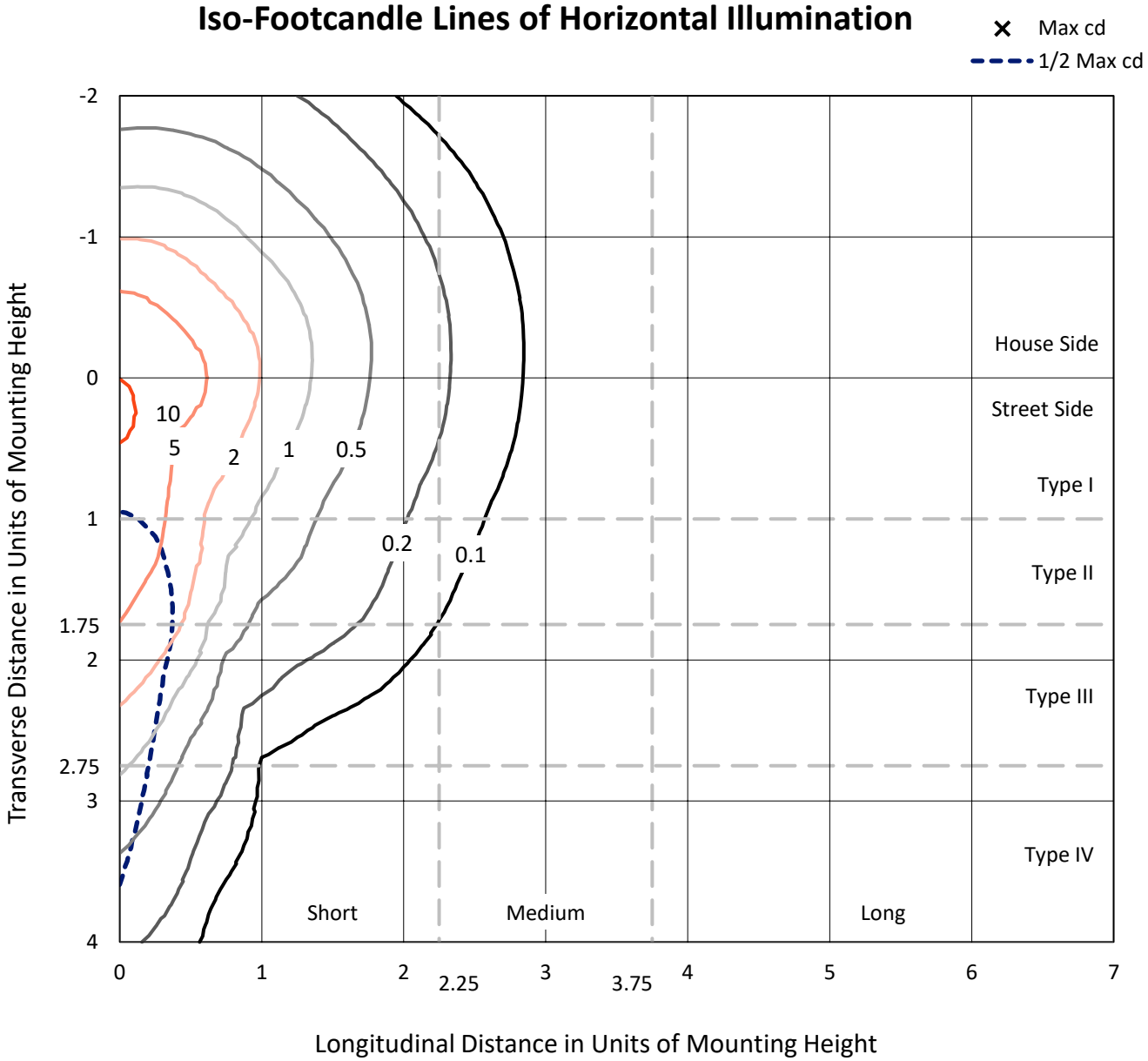
Input Watts (W):	170
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	12.0%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1364235
CATALOG NUMBER: GSS-SB6A-735-U-SLR

Iso-Footcandle Lines of Horizontal Illumination



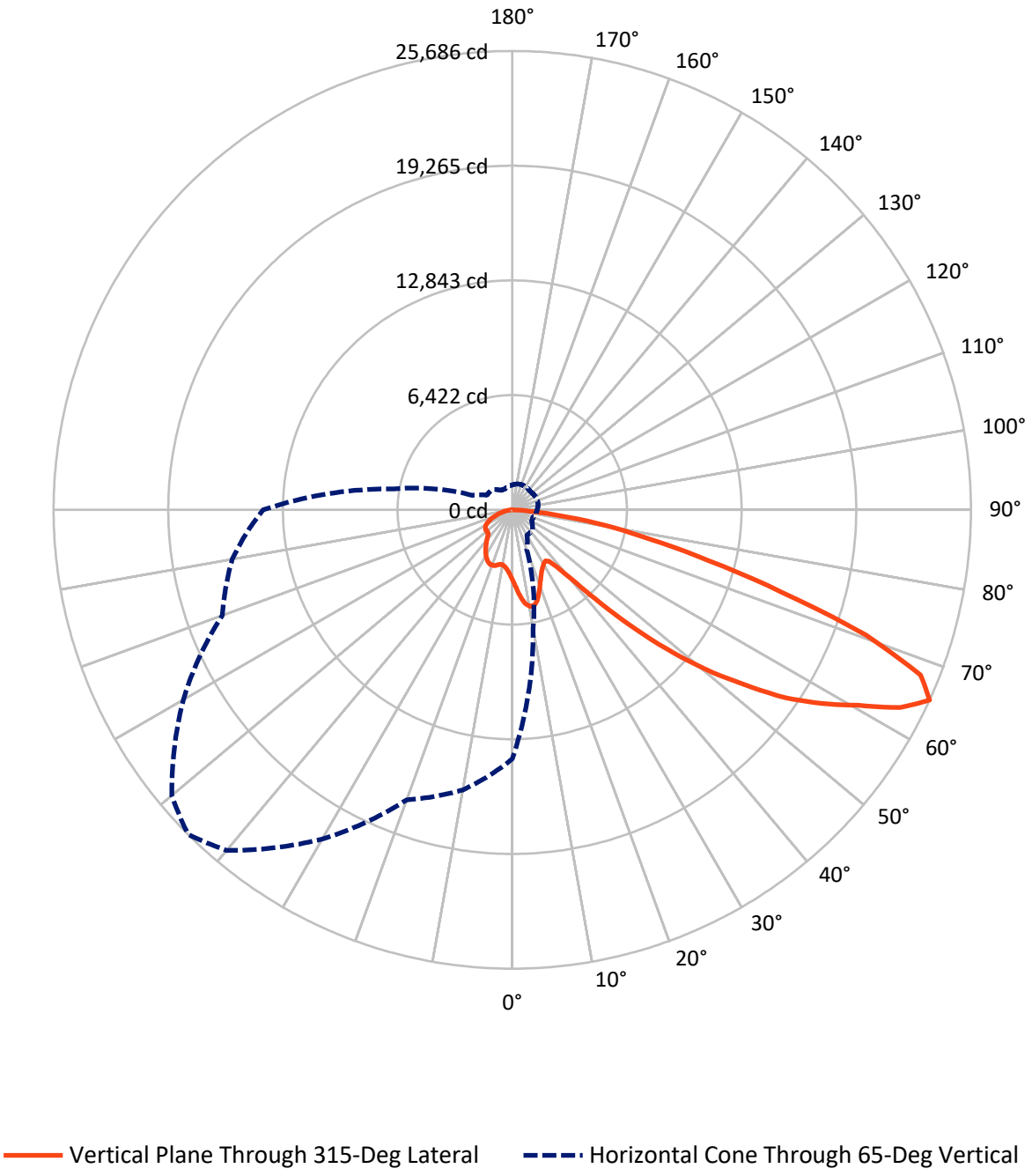
Based on 20 foot mounting height. Maximum calculated value = 11.8 fc
Type IV - Short - N/A

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

Scaled Data Report

REPORT NUMBER: P1364235
CATALOG NUMBER: GSS-SB6A-735-U-SLR

Luminous Intensity Polar Plot



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

Scaled Data Report

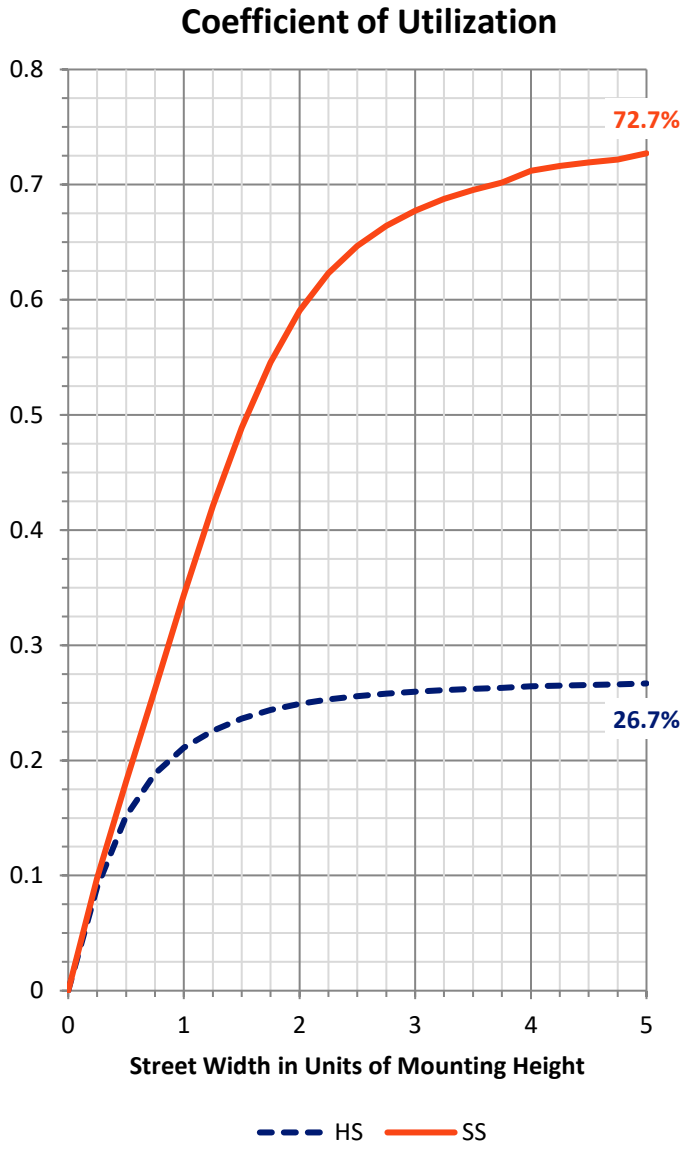
REPORT NUMBER: P1364235
CATALOG NUMBER: GSS-SB6A-735-U-SLR

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6667.2	0.0	6667.2
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	18116.0	0.0	18116.0
	% Fixture	73.1	0.0	73.1
Total	Lumens	24783.3	0.0	24783.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	390.2	1.6
10°-20°	1195.8	4.8
20°-30°	1850.6	7.5
30°-40°	2296.1	9.3
40°-50°	3357.6	13.5
50°-60°	5259.2	21.2
60°-70°	6240.4	25.2
70°-80°	3639.7	14.7
80°-90°	553.7	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°	24783.3	100.0
0°-180°	24783.3	100.0



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

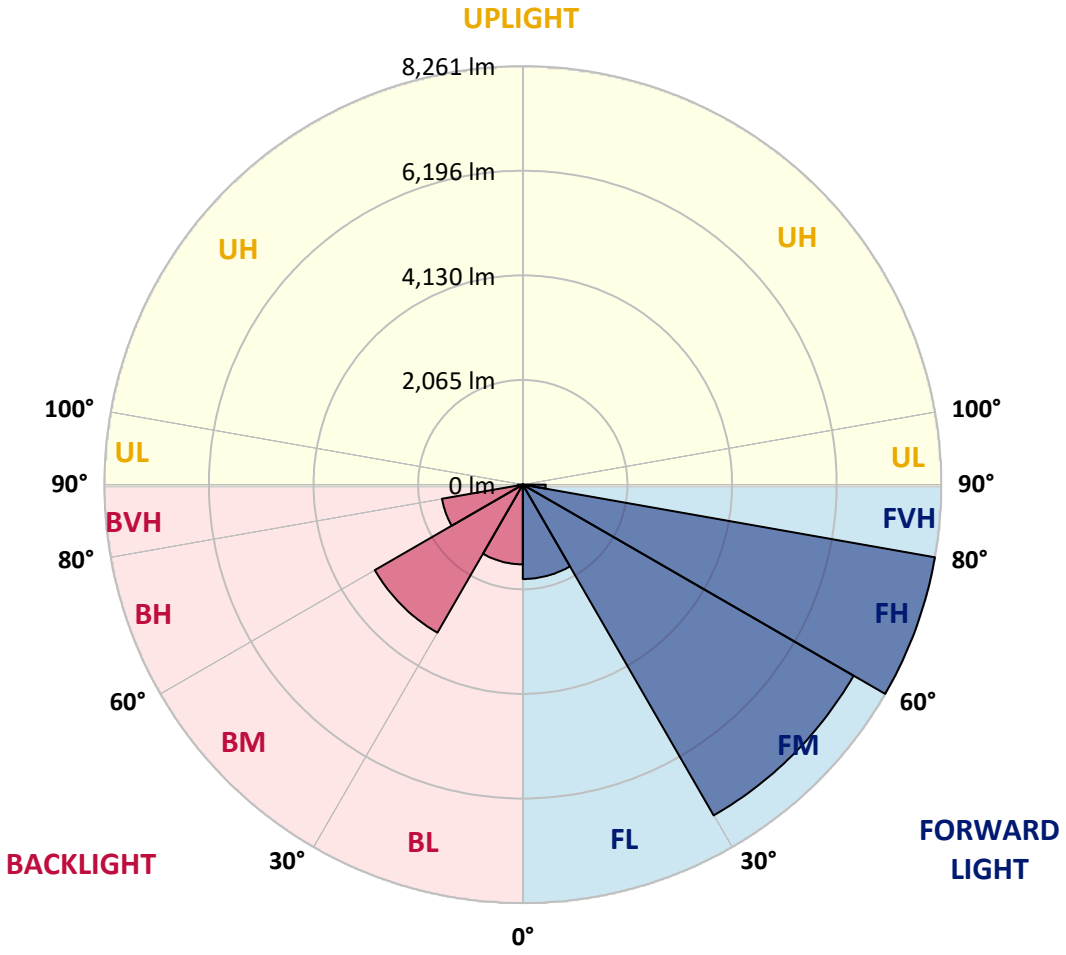
Scaled Data Report

REPORT NUMBER: P1364235
CATALOG NUMBER: GSS-SB6A-735-U-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1862.7	7.5			
FM	(30°-60°)	7539.6	30.4			
FH	(60°-80°)	8260.9	33.3			G4/12000
FVH	(80°-90°)	452.9	1.8			G3/500
BL	(0°-30°)	1573.9	6.4	B3/2500		
BM	(30°-60°)	3373.3	13.6	B3/5000		
BH	(60°-80°)	1619.2	6.5	B3/2500		G3/2500
BVH	(80°-90°)	100.9	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: P1364235
CATALOG NUMBER: GSS-SB6A-735-U-SLR

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	3951.7	3951.7	3951.7	3951.7	3951.7	3951.7	3951.7	3951.7	3951.7	3951.7	3951.7
2.5°	4269.9	4231.1	4193.0	4157.8	4122.7	4087.5	4051.7	4017.8	3983.3	3948.7	3918.4
5°	4560.9	4492.4	4424.5	4353.0	4282.1	4212.4	4142.7	4076.6	4011.1	3942.6	3883.9
7.5°	4854.8	4739.7	4624.5	4516.0	4407.5	4310.5	4213.6	4126.9	4039.6	3948.7	3877.8
10°	5039.7	4902.1	4763.9	4629.4	4494.2	4374.8	4254.8	4154.8	4054.8	3957.8	3882.0
12.5°	5133.6	4996.6	4859.7	4708.8	4557.8	4423.9	4289.9	4179.6	4069.9	3963.9	3889.9
15°	5179.1	5040.3	4902.1	4748.8	4595.4	4451.2	4306.3	4182.1	4057.8	3939.6	3874.2
17.5°	5191.2	5061.5	4932.4	4768.8	4605.1	4440.3	4276.0	4131.1	3986.9	3848.7	3792.9
20°	5230.6	5099.7	4968.8	4793.0	4617.2	4423.9	4230.5	4040.2	3849.9	3666.9	3631.7
22.5°	5273.0	5153.0	5033.6	4840.3	4647.5	4411.2	4174.8	3936.0	3697.2	3479.0	3445.6
25°	5339.7	5236.1	5132.4	4921.5	4710.6	4409.9	4109.3	3811.7	3514.1	3263.8	3260.8
27.5°	5436.7	5357.3	5277.9	5040.3	4803.3	4421.5	4039.6	3684.5	3328.7	3072.9	3088.1
30°	5573.0	5510.6	5448.8	5180.9	4912.4	4446.3	3980.8	3573.5	3166.8	2918.3	2934.7
32.5°	5739.7	5700.9	5662.1	5346.4	5030.6	4474.2	3918.4	3476.6	3035.3	2806.2	2806.2
35°	6021.6	5973.1	5924.6	5522.1	5120.3	4467.5	3815.4	3366.3	2916.5	2739.5	2702.0
37.5°	6379.1	6321.6	6264.0	5736.7	5209.4	4448.7	3688.1	3243.8	2800.2	2660.8	2589.2
40°	6906.5	6793.1	6679.2	5982.2	5285.1	4406.3	3527.5	3097.8	2668.0	2557.7	2468.0
42.5°	7645.9	7405.9	7165.3	6253.7	5340.9	4333.0	3324.4	2923.8	2522.6	2445.6	2334.7
45°	8564.1	8179.3	7794.4	6622.2	5450.0	4282.7	3115.3	2746.8	2378.9	2309.2	2198.9
47.5°	9443.0	8955.7	8468.4	7001.0	5533.6	4223.9	2914.1	2571.1	2229.2	2148.6	2045.6
50°	10461.2	9800.6	9139.9	7331.3	5522.7	4123.9	2724.4	2414.7	2104.4	1994.1	1892.2
52.5°	11767.3	10718.2	9668.4	7487.7	5306.4	3919.0	2532.3	2274.1	2017.1	1875.9	1766.8
55°	13328.0	11640.1	9952.1	7446.5	4940.9	3647.5	2352.9	2156.5	1958.9	1818.3	1689.8
57.5°	14919.0	12414.0	9909.7	7221.6	4533.6	3363.2	2192.9	2057.1	1921.3	1803.1	1645.5
60°	16113.0	12760.7	9407.8	6682.8	3957.8	3003.8	2049.8	1954.7	1859.5	1766.8	1609.2
62.5°	15619.1	11991.6	8364.1	5799.7	3235.3	2548.0	1860.7	1807.4	1754.6	1715.2	1564.9
65°	*13952.3*	*10343.0*	*6733.7*	*4549.3*	*2365.0*	*2002.5*	*1639.5*	*1628.0*	*1617.1*	*1606.2*	*1481.9*
67.5°	12388.6	8882.9	5377.3	3540.2	1703.1	1531.0	1358.9	1391.0	1423.1	1439.5	1354.6
70°	10891.5	7546.5	4201.4	2712.9	1224.3	1163.7	1103.1	1151.0	1198.9	1194.0	1152.8
72.5°	9349.0	6266.4	3183.2	2039.5	895.8	894.6	894.0	930.4	966.7	918.2	944.3
75°	7655.0	5003.3	2351.6	1511.6	671.6	667.3	663.7	706.7	750.3	769.7	786.7
77.5°	5091.2	3282.6	1474.0	977.0	480.0	483.7	486.1	533.4	580.6	636.4	639.4
80°	2988.0	1881.9	775.8	540.0	304.3	307.9	310.3	360.0	409.1	487.9	484.9
82.5°	1494.0	943.1	392.7	290.3	187.9	188.5	189.1	213.3	237.6	281.8	294.0
85°	339.4	224.3	109.1	92.1	75.8	79.4	83.6	99.4	115.2	139.4	146.7
87.5°	27.3	26.7	25.5	24.8	24.2	25.5	27.3	30.3	33.3	36.4	42.4
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: P1364235
CATALOG NUMBER: GSS-SB6A-735-U-SLR

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	3951.7	3951.7	3951.7	3951.7	3951.7	3951.7	3951.7	3951.7	3951.7	3951.7	3951.7
2.5°	3885.7	3853.6	3828.1	3803.2	3781.4	3759.0	3732.9	3706.3	3687.5	3668.1	3655.4
5°	3825.7	3768.7	3721.4	3674.1	3635.4	3595.4	3560.2	3524.4	3496.6	3468.1	3445.0
7.5°	3806.9	3736.6	3675.4	3613.5	3561.4	3509.3	3465.7	3421.4	3379.6	3338.4	3311.7
10°	3807.5	3733.5	3670.5	3607.5	3552.3	3497.2	3439.6	3382.0	3335.9	3289.9	3249.9
12.5°	3828.1	3766.9	3722.6	3679.0	3628.1	3577.2	3508.7	3439.6	3377.2	3315.3	3266.2
15°	3834.2	3794.2	3790.5	3786.9	3769.3	3751.7	3688.1	3624.4	3538.4	3451.7	3381.4
17.5°	3787.5	3782.0	3842.0	3902.0	3936.6	3971.1	3926.9	3882.0	3760.8	3639.6	3534.7
20°	3666.3	3700.2	3817.8	3934.8	4028.1	4121.4	4116.6	4112.4	3954.2	3795.4	3657.8
22.5°	3496.6	3546.9	3700.2	3853.6	3988.1	4122.7	4157.2	4191.1	4036.0	3880.2	3710.5
25°	3315.9	3371.1	3512.9	3654.8	3799.6	3944.5	4008.7	4073.0	3945.1	3817.2	3652.3
27.5°	3140.8	3194.1	3299.6	3405.0	3521.4	3637.8	3709.9	3782.0	3703.8	3625.7	3492.3
30°	2975.9	3017.1	3093.5	3169.9	3248.7	3327.5	3385.0	3442.6	3391.1	3339.6	3243.8
32.5°	2823.8	2841.4	2891.1	2940.8	2999.6	3057.7	3089.9	3121.4	3081.4	3041.4	2978.4
35°	2687.4	2672.9	2705.6	2738.3	2785.6	2833.5	2857.7	2882.0	2848.6	2815.3	2758.9
37.5°	2550.4	2510.4	2526.2	2540.7	2581.4	2621.4	2655.9	2691.1	2666.8	2642.6	2594.7
40°	2409.8	2351.6	2350.4	2348.6	2387.4	2425.6	2469.2	2512.3	2508.0	2503.2	2457.7
42.5°	2260.7	2186.8	2178.9	2171.0	2209.2	2247.4	2293.5	2339.5	2348.6	2357.7	2320.1
45°	2122.5	2047.4	2035.3	2023.1	2055.9	2089.8	2140.1	2191.0	2212.2	2233.5	2199.5
47.5°	1980.7	1915.3	1908.0	1900.1	1934.7	1969.8	2025.6	2081.9	2104.4	2127.4	2104.4
50°	1838.9	1784.9	1794.0	1803.1	1841.3	1878.9	1922.5	1966.8	2008.6	2049.8	2045.6
52.5°	1726.8	1686.2	1714.6	1742.5	1777.1	1812.2	1857.7	1903.1	1946.8	1991.0	1997.7
55°	1644.9	1600.1	1640.1	1680.1	1721.9	1763.7	1806.2	1848.6	1889.8	1930.4	1939.5
57.5°	1582.5	1520.1	1560.1	1600.1	1645.5	1691.0	1733.4	1775.9	1823.7	1871.6	1878.9
60°	1530.4	1451.6	1478.3	1504.3	1551.0	1597.1	1641.3	1684.9	1733.4	1781.9	1791.6
62.5°	1461.9	1358.9	1362.5	1364.9	1417.7	1469.8	1506.1	1542.5	1588.6	1635.2	1649.2
65°	*1371.0*	*1260.7*	*1248.6*	*1236.4*	*1286.1*	*1336.4*	*1364.9*	*1394.0*	*1434.0*	*1474.0*	*1488.0*
67.5°	1257.0	1158.9	1134.0	1109.2	1155.2	1201.3	1224.9	1248.6	1275.8	1303.1	1318.9
70°	1094.6	1036.4	1020.7	1004.9	1042.5	1080.1	1100.7	1121.3	1143.1	1164.9	1173.4
72.5°	931.0	918.2	906.7	895.8	924.3	952.8	970.4	987.9	1008.5	1029.1	1034.0
75°	779.4	772.8	764.3	756.4	778.2	800.0	813.4	827.3	848.5	869.7	878.8
77.5°	623.7	607.3	598.8	589.1	609.1	629.1	641.9	654.6	672.2	689.7	692.2
80°	465.5	445.5	438.8	431.5	446.1	460.6	465.5	469.7	484.3	498.2	498.2
82.5°	294.0	294.0	289.7	284.9	281.8	278.8	272.7	266.7	281.2	295.8	300.6
85°	147.9	148.5	141.8	134.6	126.1	116.4	114.6	112.1	111.5	110.3	114.6
87.5°	46.1	49.7	53.3	55.8	59.4	61.8	60.0	57.6	55.2	53.3	48.5
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: P1364235
CATALOG NUMBER: GSS-SB6A-735-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	3951.7	3951.7	3951.7	3951.7	3951.7	3951.7	3951.7	3951.7	3951.7	3951.7	3951.7
2.5°	3642.6	3636.6	3630.5	3625.7	3621.4	3618.4	3621.4	3625.7	3630.5	3636.6	3642.6
5°	3421.4	3411.7	3401.4	3394.7	3388.1	3382.0	3388.1	3394.7	3401.4	3411.7	3421.4
7.5°	3285.0	3269.3	3253.5	3242.0	3230.5	3224.4	3230.5	3242.0	3253.5	3269.3	3285.0
10°	3211.1	3188.7	3166.8	3154.7	3142.6	3133.5	3142.6	3154.7	3166.8	3188.7	3211.1
12.5°	3217.2	3189.3	3162.6	3144.4	3126.2	3115.3	3126.2	3144.4	3162.6	3189.3	3217.2
15°	3310.5	3271.7	3231.7	3209.3	3186.8	3169.9	3186.8	3209.3	3231.7	3271.7	3310.5
17.5°	3430.5	3373.5	3316.6	3296.5	3275.9	3266.9	3275.9	3296.5	3316.6	3373.5	3430.5
20°	3520.2	3443.8	3368.7	3338.4	3308.1	3297.2	3308.1	3338.4	3368.7	3443.8	3520.2
22.5°	3540.8	3451.1	3360.8	3332.3	3303.2	3291.1	3303.2	3332.3	3360.8	3451.1	3540.8
25°	3488.1	3393.5	3298.4	3269.3	3239.6	3230.5	3239.6	3269.3	3298.4	3393.5	3488.1
27.5°	3359.0	3275.3	3191.1	3160.2	3128.7	3109.3	3128.7	3160.2	3191.1	3275.3	3359.0
30°	3148.7	3086.2	3024.4	3005.0	2985.0	2975.9	2985.0	3005.0	3024.4	3086.2	3148.7
32.5°	2915.3	2876.5	2837.7	2825.0	2812.3	2806.2	2812.3	2825.0	2837.7	2876.5	2915.3
35°	2703.2	2675.3	2647.4	2637.1	2627.4	2618.3	2627.4	2637.1	2647.4	2675.3	2703.2
37.5°	2546.8	2514.1	2480.1	2462.0	2443.8	2430.4	2443.8	2462.0	2480.1	2514.1	2546.8
40°	2412.3	2365.0	2318.3	2293.5	2268.0	2254.7	2268.0	2293.5	2318.3	2365.0	2412.3
42.5°	2281.9	2227.4	2172.9	2134.7	2097.1	2072.8	2097.1	2134.7	2172.9	2227.4	2281.9
45°	2165.0	2103.8	2042.5	1997.1	1951.6	1921.3	1951.6	1997.1	2042.5	2103.8	2165.0
47.5°	2081.9	2029.2	1975.9	1935.9	1895.9	1866.8	1895.9	1935.9	1975.9	2029.2	2081.9
50°	2041.3	1999.5	1957.7	1920.1	1881.9	1854.7	1881.9	1920.1	1957.7	1999.5	2041.3
52.5°	2005.0	1974.7	1944.4	1911.6	1878.9	1854.7	1878.9	1911.6	1944.4	1974.7	2005.0
55°	1948.6	1926.8	1904.4	1880.1	1855.9	1836.5	1855.9	1880.1	1904.4	1926.8	1948.6
57.5°	1886.2	1863.1	1839.5	1821.3	1803.1	1794.0	1803.1	1821.3	1839.5	1863.1	1886.2
60°	1801.3	1783.1	1764.9	1748.0	1730.4	1715.2	1730.4	1748.0	1764.9	1783.1	1801.3
62.5°	1663.7	1655.2	1647.4	1628.0	1609.2	1588.0	1609.2	1628.0	1647.4	1655.2	1663.7
65°	*1501.9*	*1497.7*	*1494.0*	*1480.1*	*1466.7*	*1442.5*	*1466.7*	*1480.1*	*1494.0*	*1497.7*	*1501.9*
67.5°	1334.6	1326.7	1318.3	1303.7	1289.8	1284.9	1289.8	1303.7	1318.3	1326.7	1334.6
70°	1181.9	1169.8	1157.6	1124.9	1092.2	1054.6	1092.2	1124.9	1157.6	1169.8	1181.9
72.5°	1039.5	1020.7	1001.3	963.1	924.3	884.9	924.3	963.1	1001.3	1020.7	1039.5
75°	887.9	861.3	835.2	794.6	754.6	727.3	754.6	794.6	835.2	861.3	887.9
77.5°	695.8	672.8	649.7	625.5	601.2	587.9	601.2	625.5	649.7	672.8	695.8
80°	498.2	481.2	463.7	451.5	439.4	430.3	439.4	451.5	463.7	481.2	498.2
82.5°	306.1	298.2	290.9	277.6	263.7	254.6	263.7	277.6	290.9	298.2	306.1
85°	118.2	116.4	115.2	110.3	106.1	103.0	106.1	110.3	115.2	116.4	118.2
87.5°	43.6	40.0	36.4	33.9	31.5	30.3	31.5	33.9	36.4	40.0	43.6
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: P1364235
CATALOG NUMBER: GSS-SB6A-735-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	3951.7	3951.7	3951.7	3951.7	3951.7	3951.7	3951.7	3951.7	3951.7	3951.7	3951.7
2.5°	3655.4	3668.1	3687.5	3706.3	3732.9	3759.0	3781.4	3803.2	3828.1	3853.6	3885.7
5°	3445.0	3468.1	3496.6	3524.4	3560.2	3595.4	3635.4	3674.1	3721.4	3768.7	3825.7
7.5°	3311.7	3338.4	3379.6	3421.4	3465.7	3509.3	3561.4	3613.5	3675.4	3736.6	3806.9
10°	3249.9	3289.9	3335.9	3382.0	3439.6	3497.2	3552.3	3607.5	3670.5	3733.5	3807.5
12.5°	3266.2	3315.3	3377.2	3439.6	3508.7	3577.2	3628.1	3679.0	3722.6	3766.9	3828.1
15°	3381.4	3451.7	3538.4	3624.4	3688.1	3751.7	3769.3	3786.9	3790.5	3794.2	3834.2
17.5°	3534.7	3639.6	3760.8	3882.0	3926.9	3971.1	3936.6	3902.0	3842.0	3782.0	3787.5
20°	3657.8	3795.4	3954.2	4112.4	4116.6	4121.4	4028.1	3934.8	3817.8	3700.2	3666.3
22.5°	3710.5	3880.2	4036.0	4191.1	4157.2	4122.7	3988.1	3853.6	3700.2	3546.9	3496.6
25°	3652.3	3817.2	3945.1	4073.0	4008.7	3944.5	3799.6	3654.8	3512.9	3371.1	3315.9
27.5°	3492.3	3625.7	3703.8	3782.0	3709.9	3637.8	3521.4	3405.0	3299.6	3194.1	3140.8
30°	3243.8	3339.6	3391.1	3442.6	3385.0	3327.5	3248.7	3169.9	3093.5	3017.1	2975.9
32.5°	2978.4	3041.4	3081.4	3121.4	3089.9	3057.7	2999.6	2940.8	2891.1	2841.4	2823.8
35°	2758.9	2815.3	2848.6	2882.0	2857.7	2833.5	2785.6	2738.3	2705.6	2672.9	2687.4
37.5°	2594.7	2642.6	2666.8	2691.1	2655.9	2621.4	2581.4	2540.7	2526.2	2510.4	2550.4
40°	2457.7	2503.2	2508.0	2512.3	2469.2	2425.6	2387.4	2348.6	2350.4	2351.6	2409.8
42.5°	2320.1	2357.7	2348.6	2339.5	2293.5	2247.4	2209.2	2171.0	2178.9	2186.8	2260.7
45°	2199.5	2233.5	2212.2	2191.0	2140.1	2089.8	2055.9	2023.1	2035.3	2047.4	2122.5
47.5°	2104.4	2127.4	2104.4	2081.9	2025.6	1969.8	1934.7	1900.1	1908.0	1915.3	1980.7
50°	2045.6	2049.8	2008.6	1966.8	1922.5	1878.9	1841.3	1803.1	1794.0	1784.9	1838.9
52.5°	1997.7	1991.0	1946.8	1903.1	1857.7	1812.2	1777.1	1742.5	1714.6	1686.2	1726.8
55°	1939.5	1930.4	1889.8	1848.6	1806.2	1763.7	1721.9	1680.1	1640.1	1600.1	1644.9
57.5°	1878.9	1871.6	1823.7	1775.9	1733.4	1691.0	1645.5	1600.1	1560.1	1520.1	1582.5
60°	1791.6	1781.9	1733.4	1684.9	1641.3	1597.1	1551.0	1504.3	1478.3	1451.6	1530.4
62.5°	1649.2	1635.2	1588.6	1542.5	1506.1	1469.8	1417.7	1364.9	1362.5	1358.9	1461.9
65°	*1488.0*	*1474.0*	*1434.0*	*1394.0*	*1364.9*	*1336.4*	*1286.1*	*1236.4*	*1248.6*	*1260.7*	*1371.0*
67.5°	1318.9	1303.1	1275.8	1248.6	1224.9	1201.3	1155.2	1109.2	1134.0	1158.9	1257.0
70°	1173.4	1164.9	1143.1	1121.3	1100.7	1080.1	1042.5	1004.9	1020.7	1036.4	1094.6
72.5°	1034.0	1029.1	1008.5	987.9	970.4	952.8	924.3	895.8	906.7	918.2	931.0
75°	878.8	869.7	848.5	827.3	813.4	800.0	778.2	756.4	764.3	772.8	779.4
77.5°	692.2	689.7	672.2	654.6	641.9	629.1	609.1	589.1	598.8	607.3	623.7
80°	498.2	498.2	484.3	469.7	465.5	460.6	446.1	431.5	438.8	445.5	465.5
82.5°	300.6	295.8	281.2	266.7	272.7	278.8	281.8	284.9	289.7	294.0	294.0
85°	114.6	110.3	111.5	112.1	114.6	116.4	126.1	134.6	141.8	148.5	147.9
87.5°	48.5	53.3	55.2	57.6	60.0	61.8	59.4	55.8	53.3	49.7	46.1
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: P1364235
CATALOG NUMBER: GSS-SB6A-735-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	3951.7	3951.7	3951.7	3951.7	3951.7	3951.7	3951.7	3951.7	3951.7	3951.7	3951.7
2.5°	3918.4	3948.7	3983.3	4017.8	4051.7	4087.5	4122.7	4157.8	4193.0	4231.1	4269.9
5°	3883.9	3942.6	4011.1	4076.6	4142.7	4212.4	4282.1	4353.0	4424.5	4492.4	4560.9
7.5°	3877.8	3948.7	4039.6	4126.9	4213.6	4310.5	4407.5	4516.0	4624.5	4739.7	4854.8
10°	3882.0	3957.8	4054.8	4154.8	4254.8	4374.8	4494.2	4629.4	4763.9	4902.1	5039.7
12.5°	3889.9	3963.9	4069.9	4179.6	4289.9	4423.9	4557.8	4708.8	4859.7	4996.6	5133.6
15°	3874.2	3939.6	4057.8	4182.1	4306.3	4451.2	4595.4	4748.8	4902.1	5040.3	5179.1
17.5°	3792.9	3848.7	3986.9	4131.1	4276.0	4440.3	4605.1	4768.8	4932.4	5061.5	5191.2
20°	3631.7	3666.9	3849.9	4040.2	4230.5	4423.9	4617.2	4793.0	4968.8	5099.7	5230.6
22.5°	3445.6	3479.0	3697.2	3936.0	4174.8	4411.2	4647.5	4840.3	5033.6	5153.0	5273.0
25°	3260.8	3263.8	3514.1	3811.7	4109.3	4409.9	4710.6	4921.5	5132.4	5236.1	5339.7
27.5°	3088.1	3072.9	3328.7	3684.5	4039.6	4421.5	4803.3	5040.3	5277.9	5357.3	5436.7
30°	2934.7	2918.3	3166.8	3573.5	3980.8	4446.3	4912.4	5180.9	5448.8	5510.6	5573.0
32.5°	2806.2	2806.2	3035.3	3476.6	3918.4	4474.2	5030.6	5346.4	5662.1	5700.9	5739.7
35°	2702.0	2739.5	2916.5	3366.3	3815.4	4467.5	5120.3	5522.1	5924.6	5973.1	6021.6
37.5°	2589.2	2660.8	2800.2	3243.8	3688.1	4448.7	5209.4	5736.7	6264.0	6321.6	6379.1
40°	2468.0	2557.7	2668.0	3097.8	3527.5	4406.3	5285.1	5982.2	6679.2	6793.1	6906.5
42.5°	2334.7	2445.6	2522.6	2923.8	3324.4	4333.0	5340.9	6253.7	7165.3	7405.9	7645.9
45°	2198.9	2309.2	2378.9	2746.8	3115.3	4282.7	5450.0	6622.2	7794.4	8179.3	8564.1
47.5°	2045.6	2148.6	2229.2	2571.1	2914.1	4223.9	5533.6	7001.0	8468.4	8955.7	9443.0
50°	1892.2	1994.1	2104.4	2414.7	2724.4	4123.9	5522.7	7331.3	9139.9	9800.6	10461.2
52.5°	1766.8	1875.9	2017.1	2274.1	2532.3	3919.0	5306.4	7487.7	9668.4	10718.2	11767.3
55°	1689.8	1818.3	1958.9	2156.5	2352.9	3647.5	4940.9	7446.5	9952.1	11640.1	13328.0
57.5°	1645.5	1803.1	1921.3	2057.1	2192.9	3363.2	4533.6	7221.6	9909.7	12414.0	14919.0
60°	1609.2	1766.8	1859.5	1954.7	2049.8	3003.8	3957.8	6682.8	9407.8	12760.7	16113.0
62.5°	1564.9	1715.2	1754.6	1807.4	1860.7	2548.0	3235.3	5799.7	8364.1	11991.6	15619.1
65°	*1481.9*	*1606.2*	*1617.1*	*1628.0*	*1639.5*	*2002.5*	*2365.0*	*4549.3*	*6733.7*	*10343.0*	*13952.3*
67.5°	1354.6	1439.5	1423.1	1391.0	1358.9	1531.0	1703.1	3540.2	5377.3	8882.9	12388.6
70°	1152.8	1194.0	1198.9	1151.0	1103.1	1163.7	1224.3	2712.9	4201.4	7546.5	10891.5
72.5°	944.3	918.2	966.7	930.4	894.0	894.6	895.8	2039.5	3183.2	6266.4	9349.0
75°	786.7	769.7	750.3	706.7	663.7	667.3	671.6	1511.6	2351.6	5003.3	7655.0
77.5°	639.4	636.4	580.6	533.4	486.1	483.7	480.0	977.0	1474.0	3282.6	5091.2
80°	484.9	487.9	409.1	360.0	310.3	307.9	304.3	540.0	775.8	1881.9	2988.0
82.5°	294.0	281.8	237.6	213.3	189.1	188.5	187.9	290.3	392.7	943.1	1494.0
85°	146.7	139.4	115.2	99.4	83.6	79.4	75.8	92.1	109.1	224.3	339.4
87.5°	42.4	36.4	33.3	30.3	27.3	25.5	24.2	24.8	25.5	26.7	27.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

Scaled Data Report

REPORT NUMBER: P1364235
CATALOG NUMBER: GSS-SB6A-735-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	3951.7	3951.7	3951.7	3951.7	3951.7	3951.7	3951.7	3951.7	*3951.7*	3951.7	3951.7
2.5°	4285.1	4300.2	4316.6	4333.6	4343.3	4353.0	4363.3	4373.0	*4382.1*	4373.0	4363.3
5°	4629.4	4697.2	4743.3	4789.4	4824.5	4859.7	4879.7	4900.3	*4903.3*	4900.3	4879.7
7.5°	4936.0	5017.3	5087.6	5157.9	5202.7	5247.6	5273.6	5300.3	*5309.4*	5300.3	5273.6
10°	5134.8	5230.6	5298.5	5367.0	5408.8	5450.0	5470.6	5491.2	*5497.3*	5491.2	5470.6
12.5°	5225.1	5316.7	5369.4	5421.5	5448.2	5474.2	5483.9	5492.4	*5485.2*	5492.4	5483.9
15°	5233.0	5286.4	5308.8	5330.6	5317.9	5304.5	5285.8	5267.0	*5254.8*	5267.0	5285.8
17.5°	5210.0	5229.4	5188.8	5148.8	5076.0	5003.3	4948.8	4894.2	*4854.8*	4894.2	4948.8
20°	5200.3	5170.0	5062.1	4954.8	4818.5	4682.1	4590.6	4498.4	*4442.7*	4498.4	4590.6
22.5°	5187.6	5102.1	4920.9	4739.7	4553.0	4366.9	4261.5	4156.6	*4097.2*	4156.6	4261.5
25°	5193.0	5045.7	4800.9	4556.6	4337.2	4118.4	4003.9	3889.9	*3824.5*	3889.9	4003.9
27.5°	5212.4	4988.2	4685.1	4382.1	4144.5	3906.3	3797.2	3688.1	*3630.5*	3688.1	3797.2
30°	5275.4	4977.3	4614.8	4251.8	4003.3	3754.8	3648.1	3540.8	*3479.0*	3540.8	3648.1
32.5°	5363.9	4988.2	4582.1	4176.0	3922.6	3669.9	3567.5	3465.7	*3412.3*	3465.7	3567.5
35°	5545.8	5070.0	4619.7	4169.9	3934.8	3700.2	3625.1	3550.5	*3521.4*	3550.5	3625.1
37.5°	5823.4	5267.0	4803.3	4339.6	4179.6	4019.6	4019.6	4019.6	*4042.7*	4019.6	4019.6
40°	6282.2	5657.9	5219.1	4780.9	4771.2	4762.7	4864.5	4966.9	*5012.4*	4966.9	4864.5
42.5°	6985.8	6326.4	5972.5	5618.5	5830.6	6042.8	6337.3	6631.9	*6824.6*	6631.9	6337.3
45°	7921.7	7279.2	7031.9	6785.2	7257.4	7728.9	8249.6	8770.2	*9139.9*	8770.2	8249.6
47.5°	8902.3	8361.1	8219.9	8079.2	8864.1	9649.0	10412.1	11175.2	*11624.9*	11175.2	10412.1
50°	9975.1	9488.4	9461.1	9433.9	10479.4	11524.9	12509.8	13494.7	*14043.2*	13494.7	12509.8
52.5°	11233.4	10698.8	10720.6	10741.2	11983.1	13225.0	14416.0	15606.9	*16225.2*	15606.9	14416.0
55°	12658.3	11988.6	11984.9	11981.3	13408.0	14836.0	16299.1	17763.4	*18588.9*	17763.4	16299.1
57.5°	14291.7	13664.4	13515.3	13365.6	14857.8	16349.4	17965.3	19581.7	*20449.6*	19581.7	17965.3
60°	15767.6	15422.1	15183.3	14945.1	16477.3	18010.1	19679.3	21347.9	*22213.4*	21347.9	19679.3
62.5°	16236.7	16854.3	16836.7	16819.1	18473.2	20127.2	21863.1	23600.1	*24377.1*	23600.1	21863.1
65°	*14937.2*	*15922.1*	*16599.7*	*17276.7*	*19276.2*	*21275.1*	*23083.7*	*24892.3*	*25686.3*	*24892.3*	*23083.7*
67.5°	13256.5	14125.0	14679.6	15234.2	17487.0	19740.5	21792.7	23845.0	*24662.0*	23845.0	21792.7
70°	11852.8	12814.1	13210.4	13606.8	15520.9	17434.3	19058.0	20681.2	*21001.2*	20681.2	19058.0
72.5°	10492.1	11635.8	11803.7	11971.6	13364.4	14757.2	15622.1	16487.0	*15788.8*	16487.0	15622.1
75°	8944.7	10233.9	10346.0	10458.2	10892.1	11326.7	11546.7	11767.3	*11370.3*	11767.3	11546.7
77.5°	6207.6	7324.7	7576.2	7827.7	8116.8	8406.5	8391.4	8376.2	*7818.6*	8376.2	8391.4
80°	3861.4	4734.8	4767.5	4800.3	5017.3	5233.6	5454.9	5676.1	*5321.5*	5676.1	5454.9
82.5°	1973.4	2453.5	2527.4	2601.4	2734.1	2866.8	2928.7	2991.1	*2691.1*	2991.1	2928.7
85°	464.3	589.1	709.7	830.3	969.8	1109.2	1093.4	1077.6	*909.1*	1077.6	1093.4
87.5°	27.9	29.1	29.7	30.3	30.9	31.5	33.3	35.2	*36.4*	35.2	33.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0

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

Scaled Data Report

REPORT NUMBER: P1364235
CATALOG NUMBER: GSS-SB6A-735-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	3951.7	3951.7	3951.7	3951.7	3951.7	3951.7	3951.7
2.5°	4353.0	4343.3	4333.6	4316.6	4300.2	4285.1	4269.9
5°	4859.7	4824.5	4789.4	4743.3	4697.2	4629.4	4560.9
7.5°	5247.6	5202.7	5157.9	5087.6	5017.3	4936.0	4854.8
10°	5450.0	5408.8	5367.0	5298.5	5230.6	5134.8	5039.7
12.5°	5474.2	5448.2	5421.5	5369.4	5316.7	5225.1	5133.6
15°	5304.5	5317.9	5330.6	5308.8	5286.4	5233.0	5179.1
17.5°	5003.3	5076.0	5148.8	5188.8	5229.4	5210.0	5191.2
20°	4682.1	4818.5	4954.8	5062.1	5170.0	5200.3	5230.6
22.5°	4366.9	4553.0	4739.7	4920.9	5102.1	5187.6	5273.0
25°	4118.4	4337.2	4556.6	4800.9	5045.7	5193.0	5339.7
27.5°	3906.3	4144.5	4382.1	4685.1	4988.2	5212.4	5436.7
30°	3754.8	4003.3	4251.8	4614.8	4977.3	5275.4	5573.0
32.5°	3669.9	3922.6	4176.0	4582.1	4988.2	5363.9	5739.7
35°	3700.2	3934.8	4169.9	4619.7	5070.0	5545.8	6021.6
37.5°	4019.6	4179.6	4339.6	4803.3	5267.0	5823.4	6379.1
40°	4762.7	4771.2	4780.9	5219.1	5657.9	6282.2	6906.5
42.5°	6042.8	5830.6	5618.5	5972.5	6326.4	6985.8	7645.9
45°	7728.9	7257.4	6785.2	7031.9	7279.2	7921.7	8564.1
47.5°	9649.0	8864.1	8079.2	8219.9	8361.1	8902.3	9443.0
50°	11524.9	10479.4	9433.9	9461.1	9488.4	9975.1	10461.2
52.5°	13225.0	11983.1	10741.2	10720.6	10698.8	11233.4	11767.3
55°	14836.0	13408.0	11981.3	11984.9	11988.6	12658.3	13328.0
57.5°	16349.4	14857.8	13365.6	13515.3	13664.4	14291.7	14919.0
60°	18010.1	16477.3	14945.1	15183.3	15422.1	15767.6	16113.0
62.5°	20127.2	18473.2	16819.1	16836.7	16854.3	16236.7	15619.1
65°	*21275.1*	*19276.2*	*17276.7*	*16599.7*	*15922.1*	*14937.2*	*13952.3*
67.5°	19740.5	17487.0	15234.2	14679.6	14125.0	13256.5	12388.6
70°	17434.3	15520.9	13606.8	13210.4	12814.1	11852.8	10891.5
72.5°	14757.2	13364.4	11971.6	11803.7	11635.8	10492.1	9349.0
75°	11326.7	10892.1	10458.2	10346.0	10233.9	8944.7	7655.0
77.5°	8406.5	8116.8	7827.7	7576.2	7324.7	6207.6	5091.2
80°	5233.6	5017.3	4800.3	4767.5	4734.8	3861.4	2988.0
82.5°	2866.8	2734.1	2601.4	2527.4	2453.5	1973.4	1494.0
85°	1109.2	969.8	830.3	709.7	589.1	464.3	339.4
87.5°	31.5	30.9	30.3	29.7	29.1	27.9	27.3
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: SP1-2407-184-5

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-735-U-5WQ

Data in this report applies to families of products including GSS-SB1A-735-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

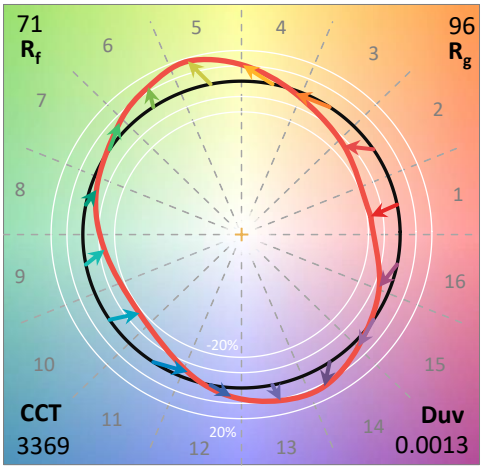
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-5
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-735-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K):	3369
CIE u':	0.2386
CIE v':	0.5156
Duv:	0.0013
CIE x:	0.4143
CIE y:	0.3980
CIE z:	0.1877
Peak Wavelength (nm):	590
Dominant Wavelength (nm):	580
Purity:	43.80166
Rf:	71.4
Rg:	96

CRI (Ra):	70.1
R1:	66.6
R2:	77.6
R3:	88.5
R4:	69.5
R5:	66.4
R6:	69.6
R7:	77.5
R8:	44.9
R9:	-40.2
R10:	49.1
R11:	66.3
R12:	45.7
R13:	68.0
R14:	93.4
R15:	57.6



Test Conditions

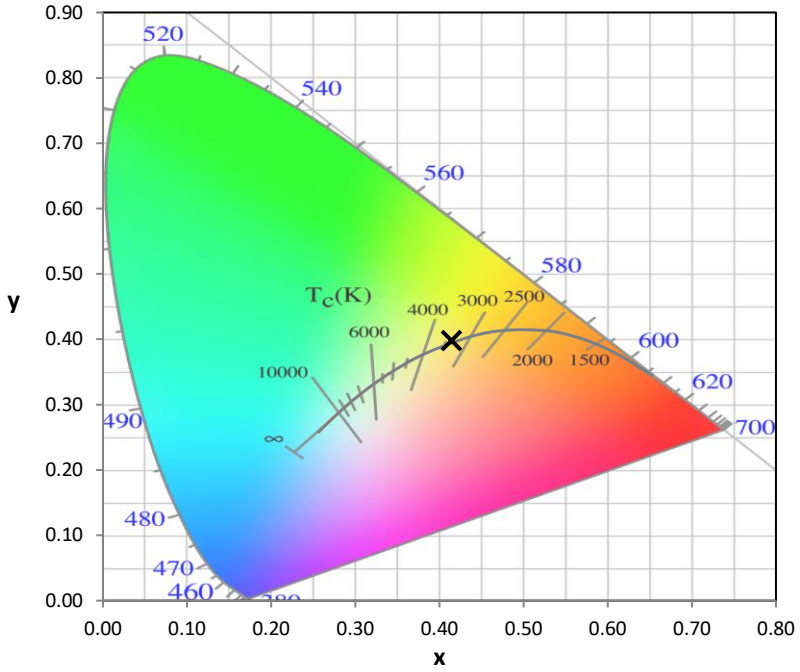
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-5

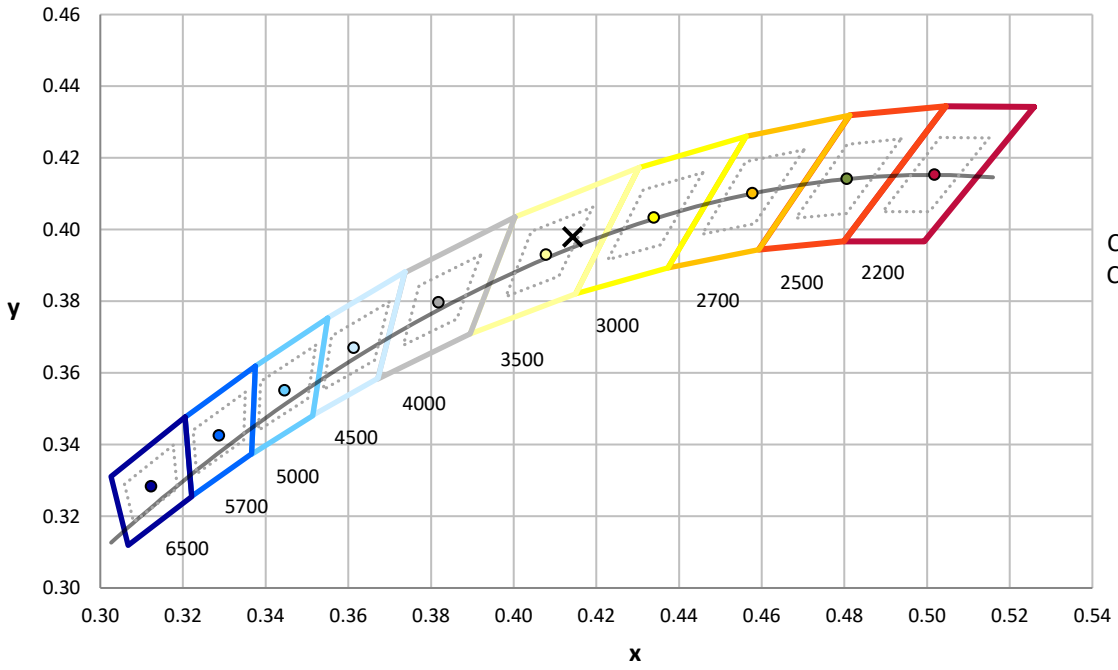
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-5

CIE 1931 Chromaticity Diagram



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

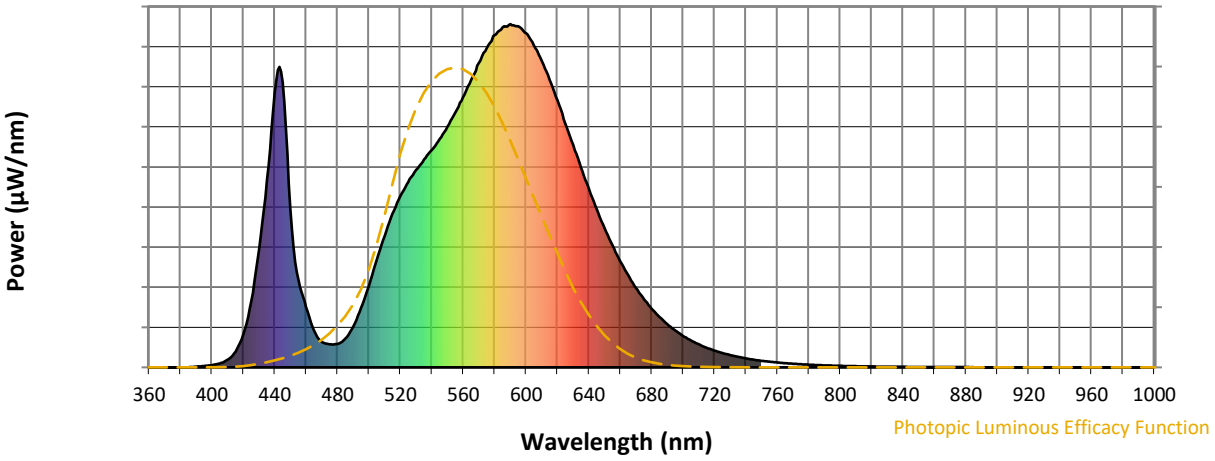


CCT = 3369K
CIE x = 0.4143
CIE y = 0.3980
Duv = 0.0013

Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-5

Photopic Flux vs. Wavelength

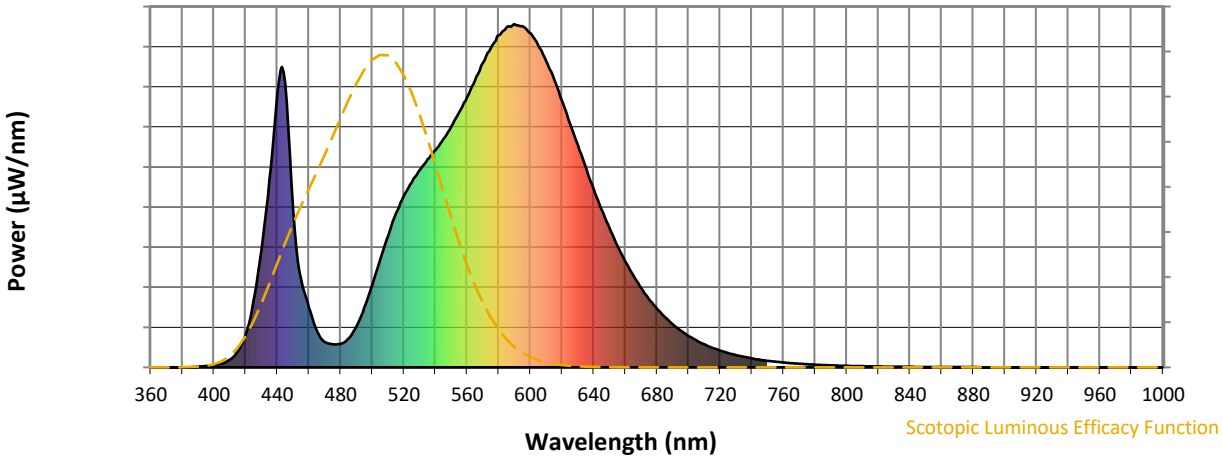


Photopic Lumens: NR

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-5

Scotopic Flux vs. Wavelength

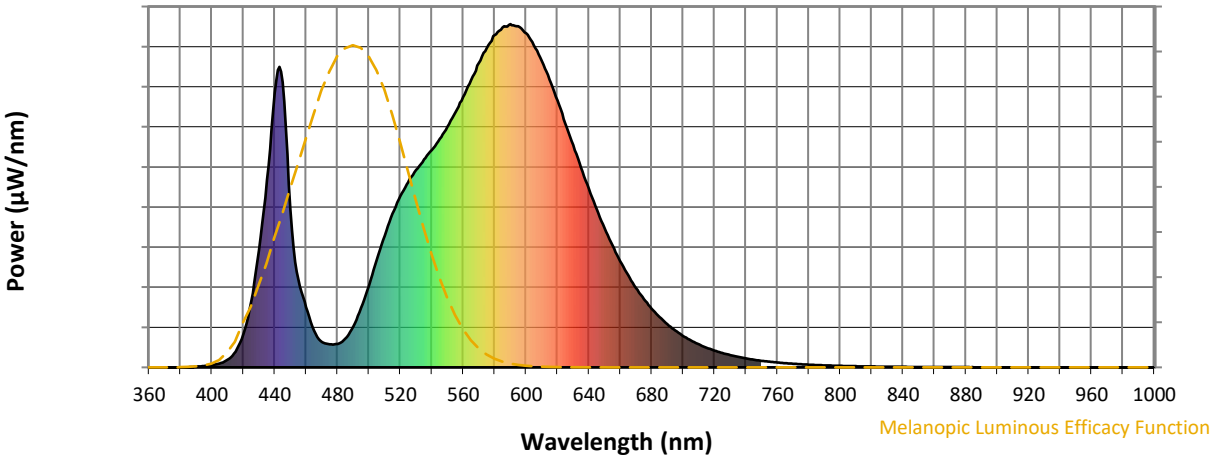


Scotopic Lumens: NR **S/P: 1.29**

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-5

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.36**

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

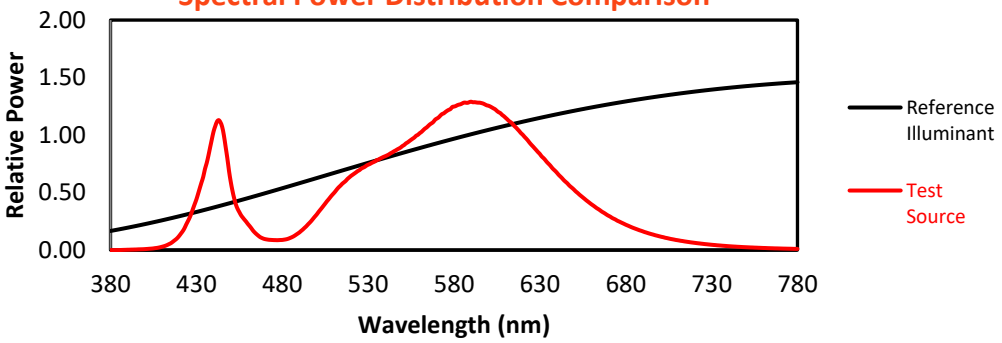
REPORT NUMBER: SP1-2407-184-5

TM-30-18

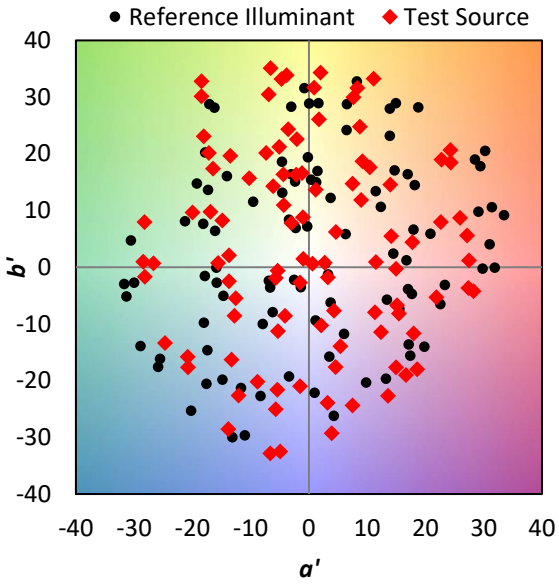
Summary

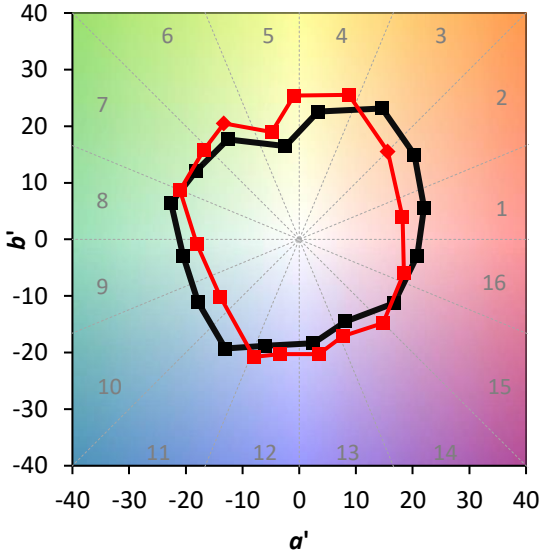
R_f = 71.4
R_g = 96
CIE R_a = 70.1
R_9 = -40.2

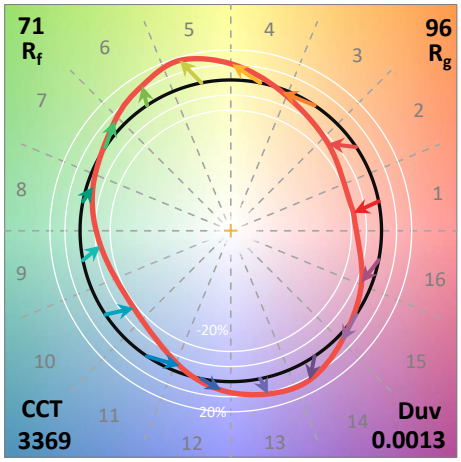
Spectral Power Distribution Comparison

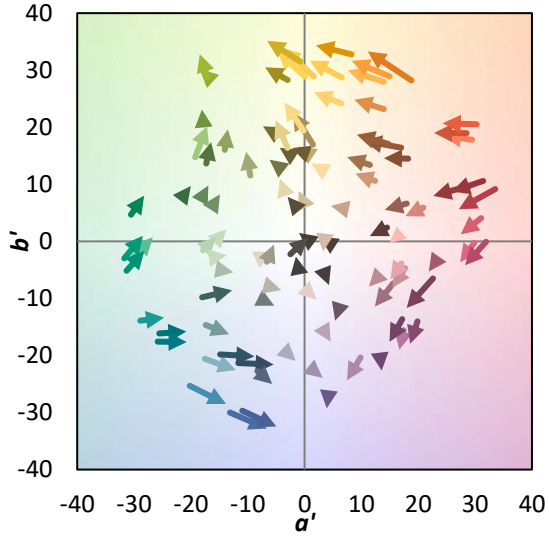


Color Vector Graphics







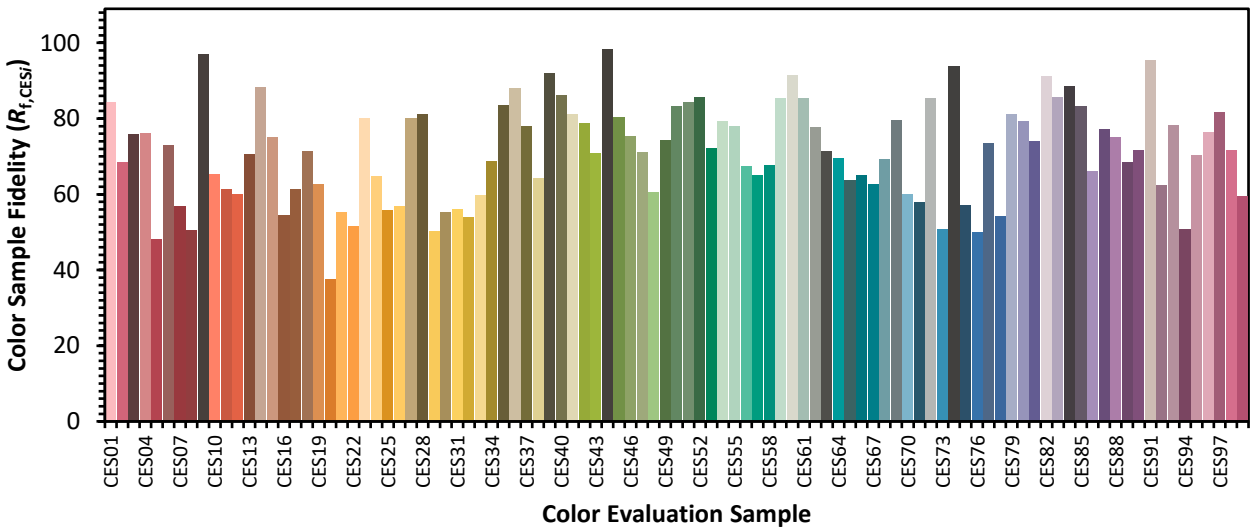


REPORT NUMBER: SP1-2407-184-5

TM-30-18

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

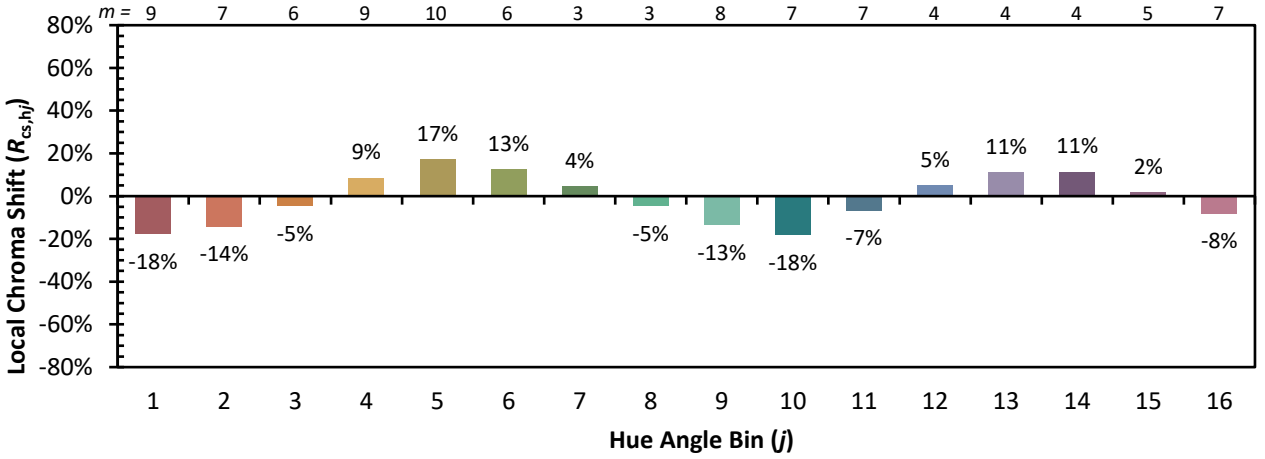
CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82 = 91
CES08 = 39	CES33 = 60	CES58 = 68	CES83 = 86
CES09 = 29	CES34 = 69	CES59 = 85	CES84 = 89
CES10 = 75	CES35 = 83	CES60 = 91	CES85 = 83
CES11 = 58	CES36 = 88	CES61 = 85	CES86 = 66
CES12 = 64	CES37 = 78	CES62 = 78	CES87 = 77
CES13 = 43	CES38 = 64	CES63 = 71	CES88 = 75
CES14 = 74	CES39 = 92	CES64 = 70	CES89 = 68
CES15 = 71	CES40 = 86	CES65 = 64	CES90 = 72
CES16 = 47	CES41 = 81	CES66 = 65	CES91 = 95
CES17 = 50	CES42 = 79	CES67 = 63	CES92 = 62
CES18 = 56	CES43 = 71	CES68 = 69	CES93 = 78
CES19 = 72	CES44 = 98	CES69 = 80	CES94 = 51
CES20 = 65	CES45 = 80	CES70 = 60	CES95 = 70
CES21 = 87	CES46 = 75	CES71 = 58	CES96 = 76
CES22 = 79	CES47 = 71	CES72 = 85	CES97 = 82
CES23 = 92	CES48 = 61	CES73 = 51	CES98 = 72
CES24 = 91	CES49 = 74	CES74 = 94	CES99 = 60
CES25 = 72	CES50 = 83	CES75 = 57	

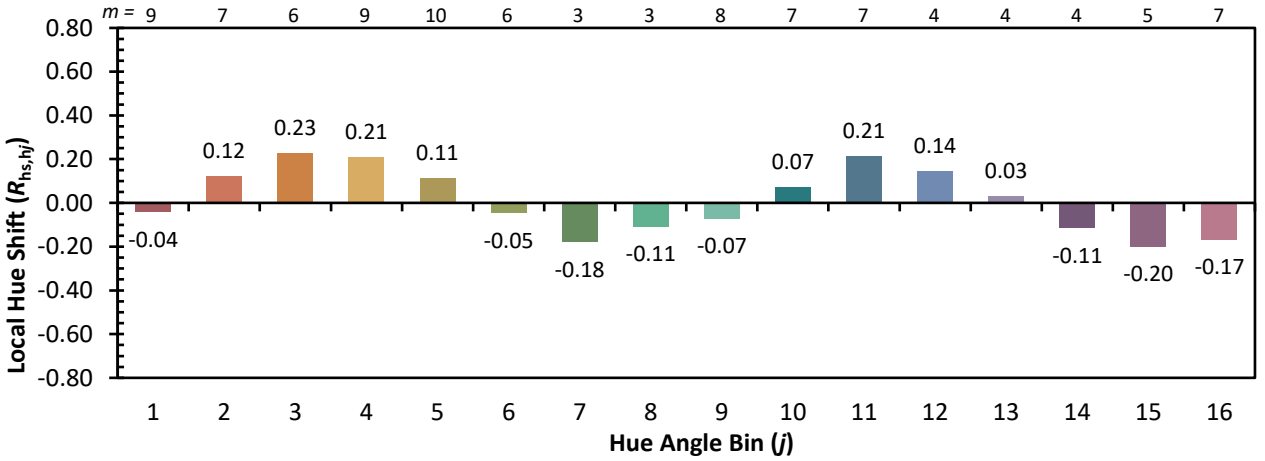


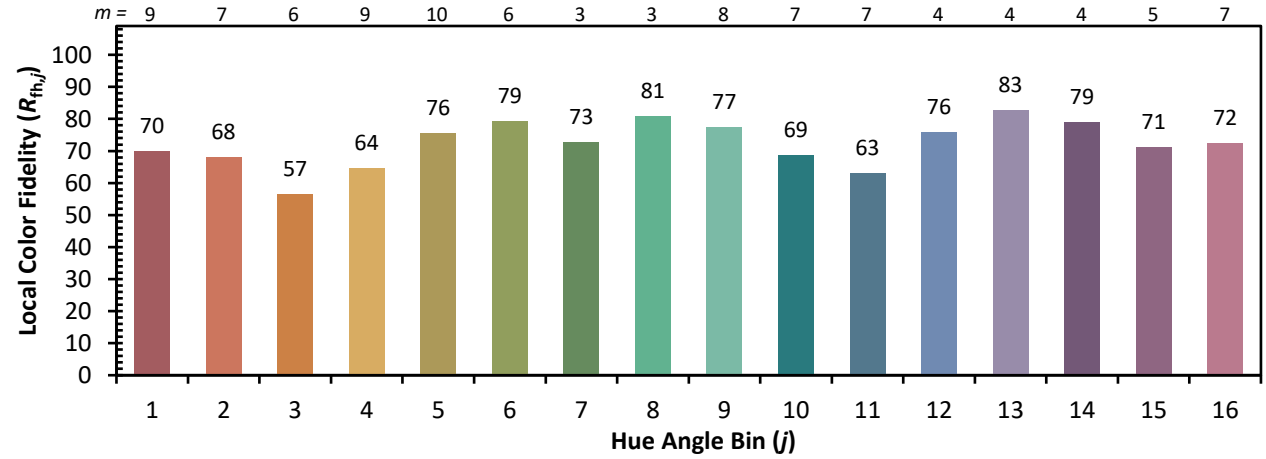
REPORT NUMBER: SP1-2407-184-5

TM-30-18

Color Rendition by Hue-Angle Bin



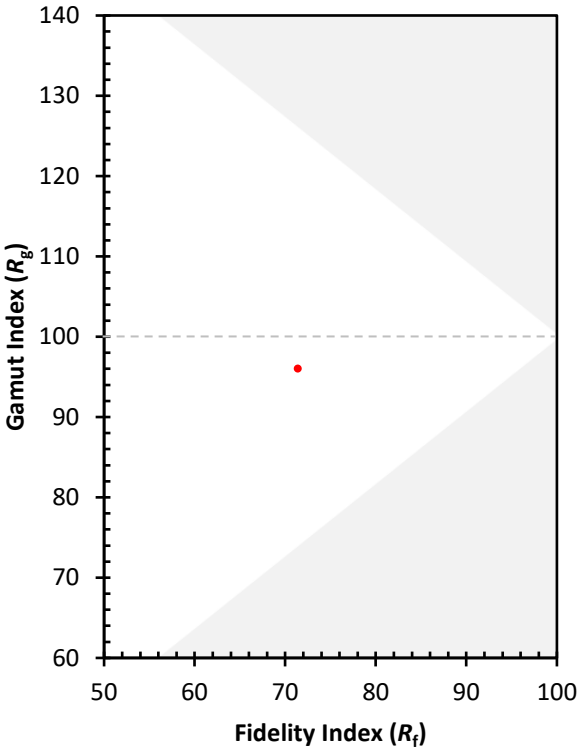


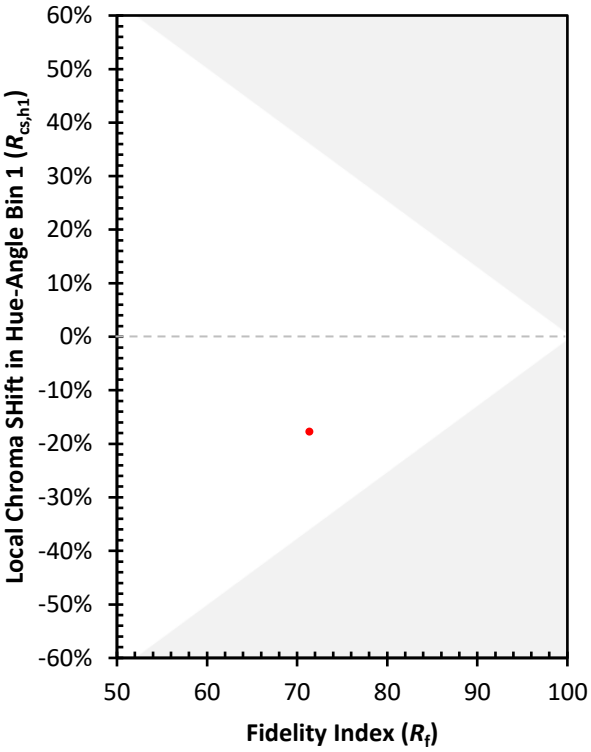


REPORT NUMBER: SP1-2407-184-5

TM-30-18

Measure Comparisons





(END OF REPORT)