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

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Scaled data based on original data using

LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P1203754

Luminaire Tested: GWC-SB2D-735-U-SLR-HSS

Issue Date: 10/30/2025

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1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1203754
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-9)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB2D-735-U-SLR-HSS
Description:	GALLEON WALL LUMINAIRE
	(2) 70 CRI, 3500K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT ELIMINATOF
	RIGHT OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	15528 lumens
Efficiency:	N/A
Efficacy:	105.2 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B2 - U0 - G3

Input Watts (W):	147.6
Input Voltage (V):	120.0
Input Current (Ain):	1.234
Voltage Rise (V):	NR
Power Factor:	0.999
Total Harmonic Distortion (THDi):	3.108
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

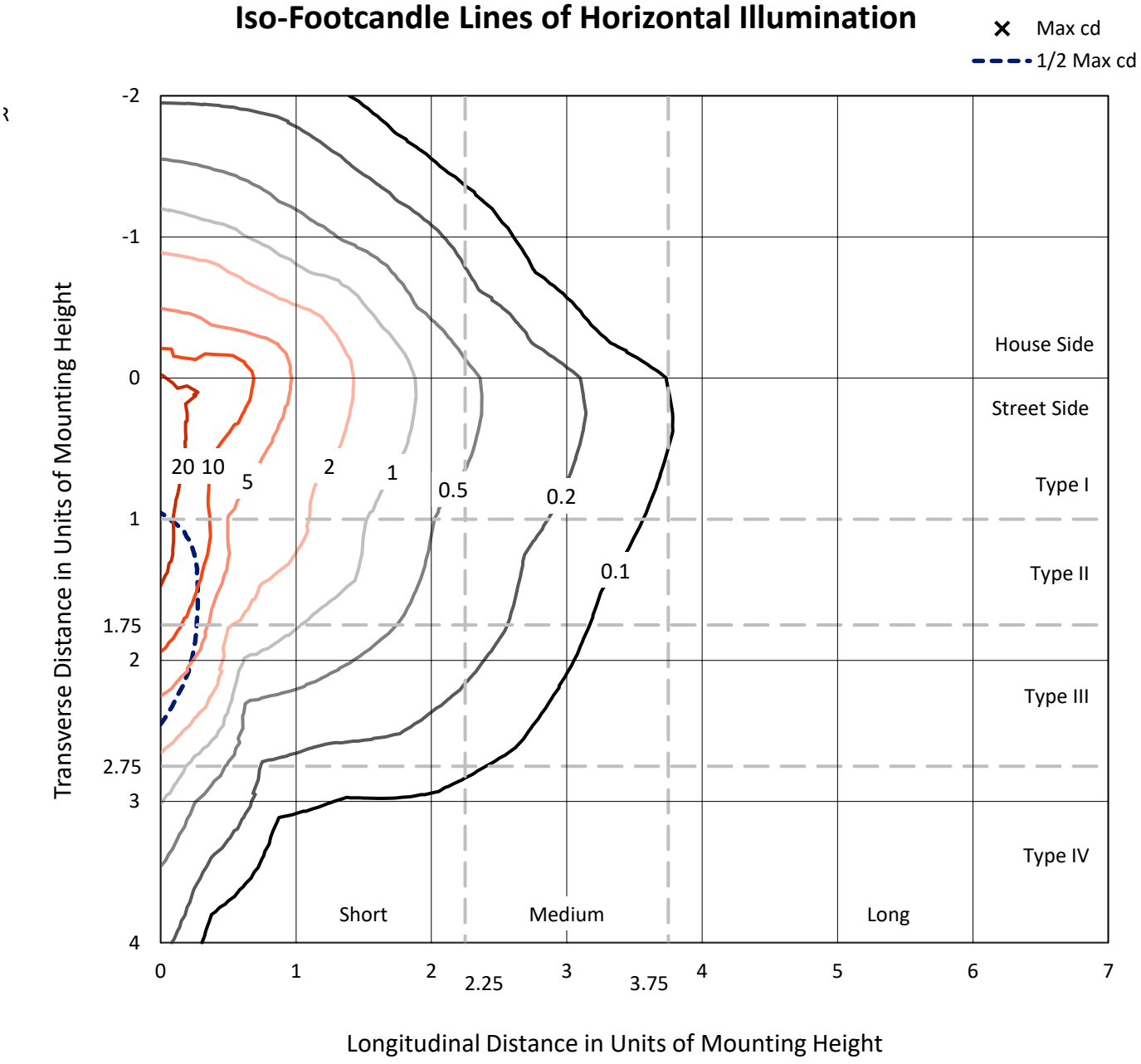


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Iso-Footcandle Lines of Horizontal Illumination



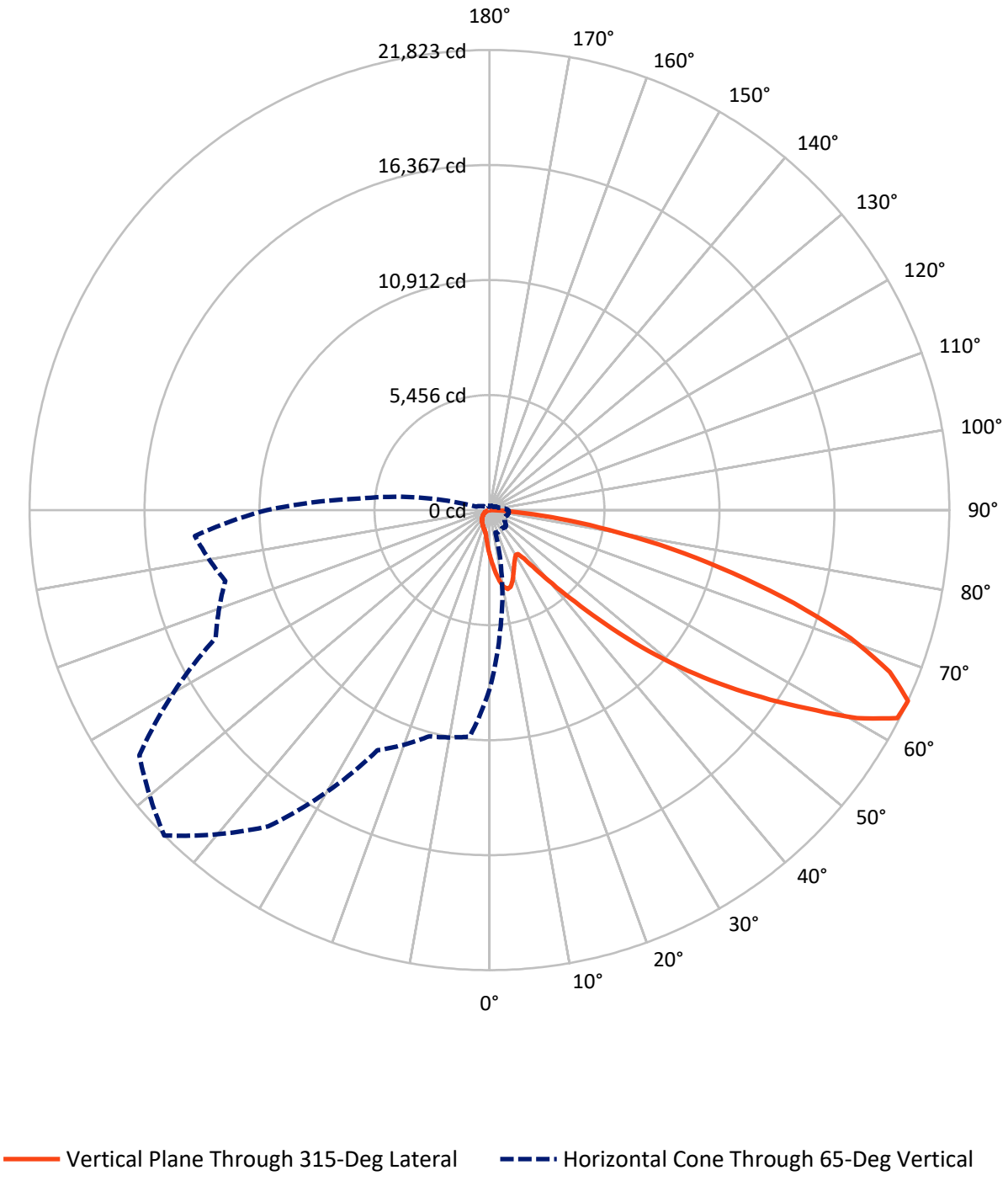
Based on 10 foot mounting height. Maximum calculated value = 30 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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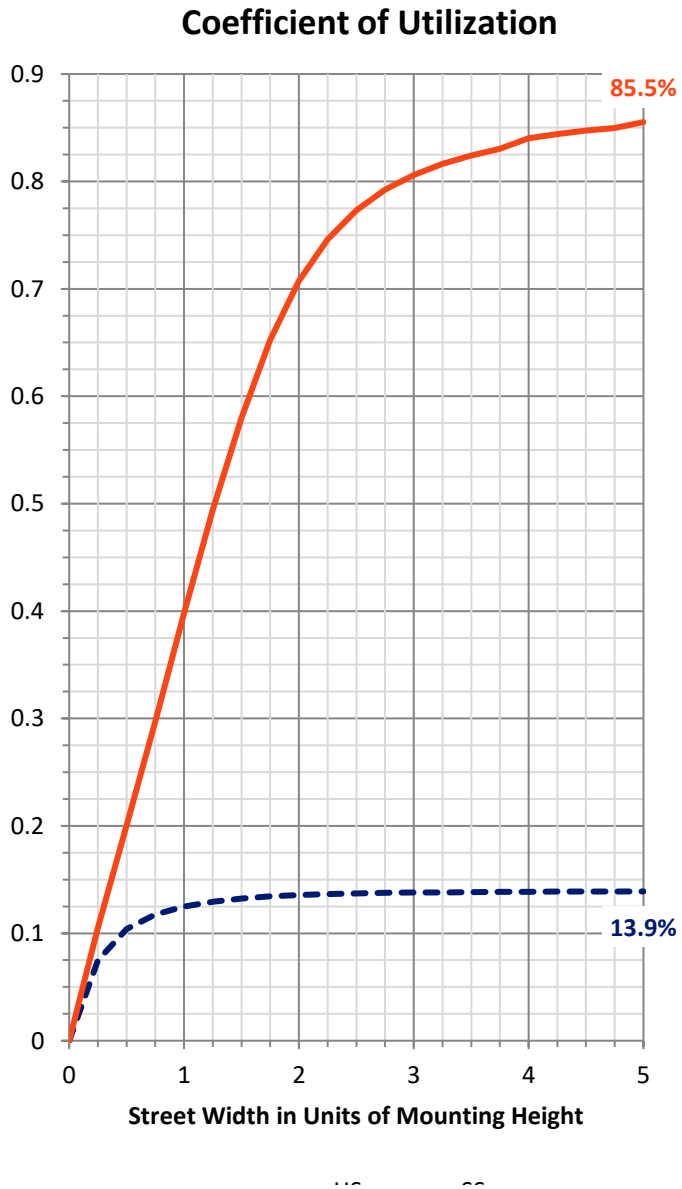
REPORT NUMBER: P1203754
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2174.6	0.0	2174.6
	% Fixture	14.0	0.0	14.0
Street Side	Lumens	13353.4	0.0	13353.4
	% Fixture	86.0	0.0	86.0
Total	Lumens	15528.0	0.0	15528.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	211.7	1.4
10°-20°	634.6	4.1
20°-30°	934.9	6.0
30°-40°	1201.0	7.7
40°-50°	1942.4	12.5
50°-60°	3406.3	21.9
60°-70°	4262.2	27.4
70°-80°	2490.6	16.0
80°-90°	444.4	2.9
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°	15528.0	100.0
0°-180°	15528.0	100.0



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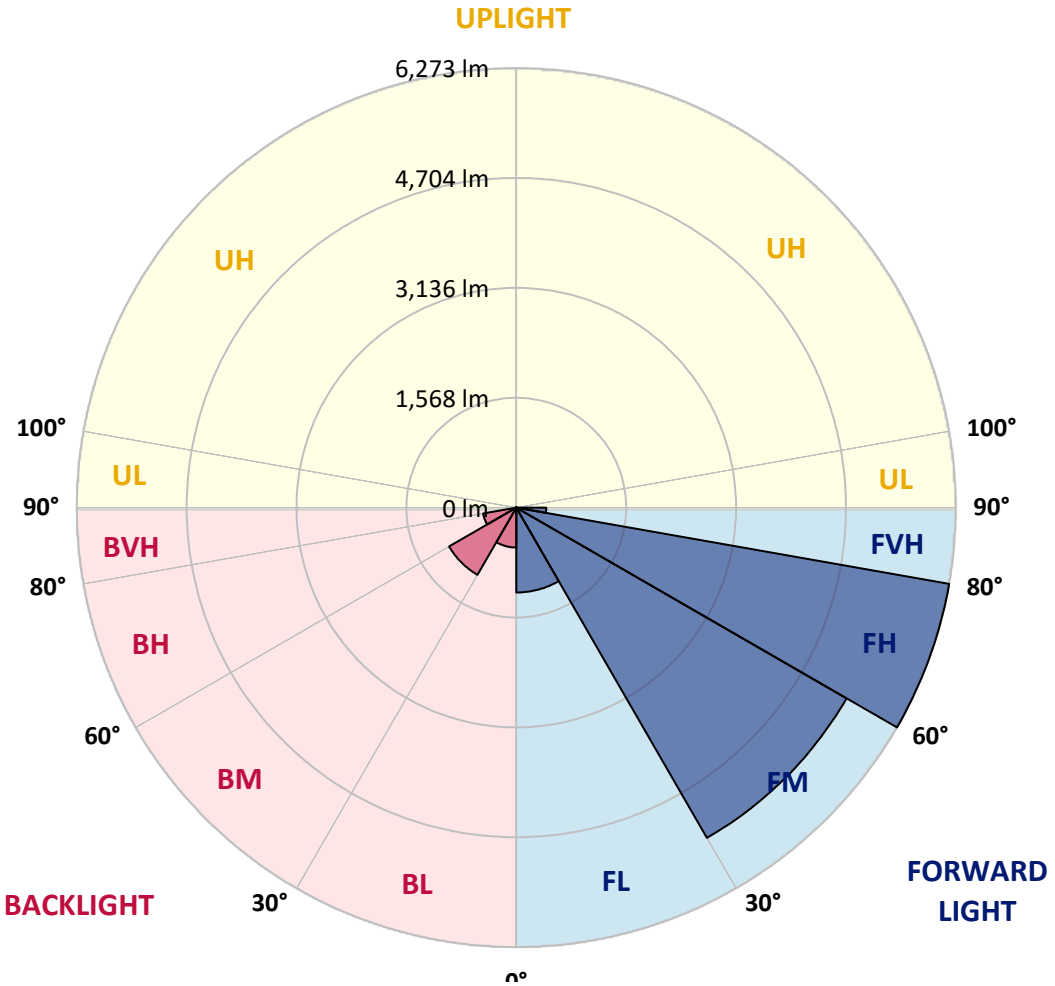
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1211.1	7.8			
FM	(30°-60°)	5442.4	35.0			
FH	(60°-80°)	6272.6	40.4			G3/7500
FVH	(80°-90°)	427.3	2.8			G3/500
BL	(0°-30°)	570.0	3.7	B2/1000		
BM	(30°-60°)	1107.4	7.1	B2/2500		
BH	(60°-80°)	480.2	3.1	B1/500		G1/500
BVH	(80°-90°)	17.1	0.1			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	2150.1	2150.1	2150.1	2150.1	2150.1	2150.1	2150.1	2150.1	2150.1	2150.1	2150.1
2.5°	2429.3	2387.6	2363.0	2302.0	2241.1	2191.9	2125.5	2081.7	2029.3	1979.0	1934.0
5°	2707.5	2640.1	2558.8	2447.5	2345.9	2242.1	2141.6	2042.1	1937.3	1841.0	1782.1
7.5°	2942.8	2845.4	2702.1	2554.5	2425.0	2299.9	2182.2	2050.6	1923.4	1772.5	1692.3
10°	3122.5	2998.4	2810.1	2616.5	2467.8	2341.6	2227.2	2115.9	1987.5	1805.7	1705.1
12.5°	3231.6	3099.0	2875.4	2648.6	2478.5	2337.3	2248.5	2199.3	2149.1	1968.3	1850.6
15°	3311.8	3168.5	2921.4	2671.1	2453.9	2280.6	2215.4	2264.6	2322.4	2206.8	2071.0
17.5°	3395.3	3244.5	2981.3	2680.7	2387.6	2170.5	2142.6	2269.9	2403.7	2398.3	2263.5
20°	3474.4	3324.7	3033.7	2674.3	2280.6	2036.7	2061.3	2223.9	2379.1	2444.3	2371.6
22.5°	3565.4	3407.0	3084.0	2649.7	2141.6	1911.6	1988.6	2151.2	2287.1	2364.1	2341.6
25°	3676.6	3510.8	3154.6	2613.3	1991.8	1807.8	1914.8	2066.7	2176.9	2230.4	2229.3
27.5°	3796.4	3634.9	3248.7	2594.1	1870.9	1734.0	1831.4	1966.1	2064.6	2102.0	2102.0
30°	3945.1	3779.3	3360.0	2572.7	1791.8	1691.2	1744.7	1849.5	1945.8	1983.3	1983.3
32.5°	4107.7	3939.8	3467.0	2521.3	1743.6	1659.1	1660.2	1726.5	1814.2	1859.2	1865.6
35°	4311.0	4132.3	3581.4	2409.0	1705.1	1621.7	1577.8	1609.9	1682.7	1736.2	1750.1
37.5°	4600.9	4384.8	3721.5	2248.5	1648.4	1563.9	1491.2	1498.7	1554.3	1613.1	1634.5
40°	5000.9	4723.9	3886.3	2081.7	1567.1	1482.6	1396.0	1392.8	1433.4	1491.2	1514.7
42.5°	5542.2	5172.1	4084.2	1922.3	1489.0	1384.2	1295.4	1290.1	1322.2	1372.4	1397.1
45°	6256.8	5745.4	4327.0	1785.4	1428.1	1287.9	1200.2	1198.1	1224.8	1268.7	1294.4
47.5°	7171.4	6542.4	4569.8	1692.3	1396.0	1212.0	1122.1	1126.4	1149.9	1189.5	1207.7
50°	8355.6	7581.1	4643.6	1645.2	1396.0	1171.3	1052.6	1074.0	1093.3	1123.2	1133.9
52.5°	9775.1	8578.1	4399.7	1602.4	1404.5	1176.7	993.8	1039.8	1053.7	1079.3	1083.6
55°	11090.8	9066.9	3782.5	1543.6	1406.7	1209.8	943.5	1012.0	1037.6	1047.3	1046.2
57.5°	11854.6	8899.0	3058.3	1444.1	1398.1	1232.3	911.4	977.7	1026.9	1033.3	1023.7
60°	11709.1	8309.6	2251.8	1368.2	1335.0	1223.8	901.8	925.3	1003.4	1013.0	1000.2
62.5°	10588.1	7321.1	1562.9	1309.3	1195.9	1186.3	898.6	842.9	952.0	975.6	957.4
65°	*8510.7*	*5763.6*	*1103.9*	*1127.5*	*1048.3*	*1105.0*	*881.4*	*757.4*	*890.0*	*922.1*	*894.3*
67.5°	6174.4	3900.2	796.9	913.5	949.9	973.4	842.9	695.3	819.4	862.2	825.8
70°	3962.2	2106.3	559.5	603.3	800.1	826.9	776.6	639.7	747.7	796.9	757.4
72.5°	2816.6	1244.1	402.2	422.5	642.9	688.9	683.5	577.6	664.3	724.2	677.1
75°	1943.7	685.7	271.7	301.7	466.4	559.5	527.4	496.3	562.7	623.6	577.6
77.5°	1218.4	307.0	162.6	209.7	305.9	439.7	361.6	384.0	438.6	495.3	447.1
80°	678.2	118.7	90.9	139.1	166.9	319.8	200.0	247.1	323.1	363.7	325.2
82.5°	147.6	15.0	40.6	59.9	65.3	186.1	105.9	143.3	203.2	200.0	173.3
85°	0.0	0.0	7.5	8.6	4.3	80.2	38.5	47.1	66.3	62.0	47.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°	185°
0°	2150.1	2150.1	2150.1	2150.1	2150.1	2150.1	2150.1	2150.1	2150.1	2150.1	2150.1
2.5°	1925.5	1873.1	1834.6	1815.3	1799.3	1814.2	1822.8	1822.8	1859.2	1880.6	1889.1
5°	1744.7	1650.6	1578.9	1530.8	1501.9	1511.5	1522.2	1534.0	1580.0	1611.0	1631.3
7.5°	1619.6	1475.1	1366.0	1298.6	1263.3	1268.7	1276.2	1285.8	1330.7	1361.7	1388.5
10°	1596.0	1388.5	1234.5	1145.7	1102.9	1095.4	1091.1	1087.9	1114.6	1138.2	1159.6
12.5°	1692.3	1392.8	1177.8	1069.7	1017.3	994.8	969.2	948.8	953.1	968.1	994.8
15°	1864.5	1447.3	1159.6	1030.1	964.9	927.4	897.5	872.9	867.5	872.9	877.2
17.5°	2061.3	1521.1	1157.4	995.9	914.6	876.1	851.5	829.0	821.5	822.6	828.0
20°	2191.9	1580.0	1151.0	957.4	866.5	832.2	810.8	788.4	780.9	783.0	784.1
22.5°	2204.7	1611.0	1141.4	914.6	818.3	789.5	768.1	747.7	746.7	746.7	753.1
25°	2135.2	1611.0	1121.1	876.1	772.3	746.7	727.4	702.8	707.1	709.2	717.8
27.5°	2027.1	1572.5	1082.6	845.1	732.8	706.0	686.8	664.3	669.6	672.9	682.5
30°	1920.1	1523.3	1036.6	809.8	695.3	664.3	650.4	631.1	633.3	637.6	648.2
32.5°	1820.7	1470.9	982.0	780.9	657.9	626.9	616.2	594.8	598.0	602.3	614.0
35°	1722.2	1413.1	917.8	746.7	623.6	592.6	584.1	559.5	561.6	568.0	580.9
37.5°	1616.3	1352.1	865.4	712.4	590.5	558.4	549.8	524.2	526.3	533.8	548.8
40°	1505.1	1292.2	814.1	676.1	555.2	523.1	515.6	487.8	489.9	498.5	514.5
42.5°	1392.8	1227.0	774.5	629.0	518.8	484.6	477.1	451.4	454.6	464.3	480.3
45°	1289.0	1148.9	748.8	576.6	484.6	446.1	438.6	415.1	421.5	432.2	448.2
47.5°	1200.2	1068.6	738.1	532.7	448.2	406.5	400.1	380.8	391.5	403.3	416.1
50°	1124.3	991.6	724.2	487.8	414.0	372.3	365.8	353.0	366.9	378.7	390.4
52.5°	1069.7	903.9	694.2	447.1	384.0	343.4	341.2	334.8	347.7	358.4	369.1
55°	1022.6	813.0	646.1	411.8	357.3	318.8	320.9	317.7	328.4	337.0	346.6
57.5°	979.9	733.8	585.1	384.0	328.4	297.4	303.8	299.5	304.9	310.2	322.0
60°	928.5	653.6	512.4	353.0	294.2	276.0	283.5	271.7	270.6	272.8	276.0
62.5°	852.6	545.6	436.4	314.5	264.2	252.5	255.7	233.2	216.1	216.1	219.3
65°	*746.7*	*438.6*	*365.8*	*271.7*	*230.0*	*220.4*	*218.2*	*186.1*	*162.6*	*160.5*	*170.1*
67.5°	623.6	360.5	303.8	228.9	191.5	185.1	187.2	163.7	140.1	138.0	148.7
70°	508.1	298.5	245.0	182.9	147.6	154.0	163.7	140.1	117.7	114.5	124.1
72.5°	412.9	237.5	191.5	140.1	109.1	127.3	139.1	114.5	93.1	90.9	99.5
75°	318.8	174.4	136.9	95.2	79.2	98.4	109.1	83.4	66.3	63.1	70.6
77.5°	212.9	108.0	77.0	59.9	47.1	67.4	72.7	43.9	38.5	37.4	42.8
80°	129.4	50.3	33.2	28.9	16.0	24.6	28.9	18.2	20.3	21.4	25.7
82.5°	65.3	13.9	5.3	1.1	0.0	0.0	8.6	4.3	8.6	10.7	16.0
85°	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	5.3	9.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3
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):

	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°	285°
0°	2150.1	2150.1	2150.1	2150.1	2150.1	2150.1	2150.1	2150.1	2150.1	2150.1	2150.1
2.5°	1949.0	1994.0	2036.7	2105.2	2175.8	2245.3	2315.9	2384.4	2409.0	2427.2	2467.8
5°	1724.4	1808.9	1907.3	2043.2	2188.6	2338.4	2490.3	2629.4	2692.5	2735.3	2831.5
7.5°	1492.3	1602.4	1743.6	1948.0	2175.8	2414.4	2652.9	2872.2	2973.8	3056.2	3202.7
10°	1262.3	1382.1	1560.7	1793.9	2102.0	2444.3	2773.8	3075.4	3207.0	3310.8	3509.7
12.5°	1060.1	1172.4	1359.6	1617.4	1986.5	2420.8	2843.3	3205.9	3361.1	3477.6	3695.9
15°	917.8	997.0	1162.8	1440.9	1849.5	2344.8	2847.6	3268.0	3438.1	3560.0	3749.4
17.5°	838.7	865.4	973.4	1261.2	1697.6	2245.3	2808.0	3289.4	3471.2	3584.6	3716.2
20°	795.9	800.1	830.1	1028.0	1503.0	2152.3	2770.6	3310.8	3502.3	3597.5	3637.0
22.5°	761.6	761.6	769.1	840.8	1251.6	2041.0	2758.8	3348.2	3545.0	3603.9	3522.6
25°	730.6	730.6	732.8	752.0	991.6	1870.9	2751.3	3406.0	3603.9	3619.9	3396.4
27.5°	698.5	699.6	699.6	710.3	799.1	1639.9	2719.2	3480.9	3674.5	3641.3	3275.5
30°	666.4	668.6	668.6	676.1	707.1	1369.2	2656.1	3570.7	3766.5	3669.1	3155.7
32.5°	634.3	636.5	636.5	642.9	665.4	1093.3	2576.9	3653.1	3859.5	3680.9	3044.4
35°	601.2	604.4	602.3	610.8	634.3	869.7	2476.4	3735.5	3960.1	3718.3	2989.9
37.5°	568.0	570.2	569.1	577.6	604.4	750.9	2359.8	3797.5	4097.0	3801.8	3055.1
40°	534.9	533.8	533.8	543.4	572.3	716.7	2213.2	3895.9	4293.8	3948.3	3339.7
42.5°	500.6	500.6	498.5	509.2	544.5	691.0	2073.1	4072.4	4580.5	4181.5	3844.6
45°	469.6	468.5	464.3	473.9	517.7	646.1	2023.9	4401.9	5004.1	4559.1	4455.4
47.5°	439.7	438.6	427.9	436.4	485.7	605.5	2207.9	4941.0	5591.4	5114.3	5027.7
50°	412.9	414.0	393.7	401.1	453.6	574.4	2606.9	5640.6	6371.2	5862.0	5570.0
52.5°	388.3	388.3	361.6	365.8	414.0	546.6	2986.6	6399.0	7400.3	6905.0	6202.2
55°	363.7	361.6	331.6	333.8	374.4	507.0	3043.3	7139.3	8803.8	8474.3	7066.6
57.5°	335.9	331.6	303.8	303.8	338.0	478.2	2637.9	7708.4	10545.3	10780.6	8312.8
60°	301.7	298.5	280.3	274.9	309.1	503.8	1861.3	7774.7	11668.5	13847.5	10699.3
62.5°	257.8	262.1	252.5	245.0	281.3	523.1	1102.9	7240.9	11396.8	14823.1	13557.6
65°	*203.2*	*220.4*	*218.2*	*212.9*	*309.1*	*440.7*	*651.5*	*6216.1*	*10563.5*	*14035.8*	*12974.6*
67.5°	173.3	185.1	181.9	181.9	324.1	334.8	409.7	4856.5	9416.7	13101.9	11589.3
70°	147.6	159.4	147.6	147.6	245.0	203.2	283.5	3391.0	8179.1	12068.5	10680.1
72.5°	121.9	133.7	120.9	112.3	195.8	151.9	207.5	2119.1	7004.5	10992.4	10057.5
75°	93.1	107.0	97.3	86.6	129.4	113.4	157.2	1231.2	5803.2	9405.0	9170.7
77.5°	58.8	77.0	72.7	61.0	95.2	82.4	113.4	732.8	4477.8	7349.0	7888.1
80°	36.4	39.6	40.6	38.5	54.6	55.6	77.0	417.2	3064.7	5121.8	6162.6
82.5°	23.5	23.5	18.2	20.3	26.7	32.1	43.9	157.2	1801.4	3118.2	4289.6
85°	17.1	15.0	9.6	9.6	12.8	16.0	17.1	48.1	730.6	1231.2	1677.3
87.5°	8.6	7.5	3.2	4.3	6.4	5.3	4.3	2.1	184.0	393.7	276.0
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: P1203754
CATALOG NUMBER: GWC-SB2D-735-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	295°	305°	315°	325°	335°	345°	355°	360°
0°	2150.1	2150.1	*2150.1*	2150.1	2150.1	2150.1	2150.1	2150.1
2.5°	2489.2	2522.4	*2524.5*	2524.5	2495.6	2494.6	2435.7	2429.3
5°	2931.0	2952.4	*2957.8*	2947.1	2889.3	2846.5	2732.1	2707.5
7.5°	3335.4	3378.2	*3378.2*	3352.5	3258.4	3170.6	3004.8	2942.8
10°	3658.4	3707.6	*3696.9*	3644.5	3525.8	3404.9	3203.8	3122.5
12.5°	3815.7	3866.0	*3838.1*	3778.2	3662.7	3535.4	3323.6	3231.6
15°	3812.5	3798.6	*3769.7*	3762.2	3706.6	3610.3	3412.4	3311.8
17.5°	3676.6	3558.9	*3536.5*	3611.4	3682.0	3658.4	3489.4	3395.3
20°	3461.6	3256.2	*3235.9*	3379.2	3580.3	3683.0	3561.1	3474.4
22.5°	3234.8	3013.4	*2966.3*	3124.6	3427.4	3690.5	3652.0	3565.4
25°	3019.8	2797.3	*2750.2*	2897.9	3257.3	3677.7	3750.4	3676.6
27.5°	2840.1	2625.1	*2581.2*	2728.8	3093.6	3641.3	3848.8	3796.4
30°	2701.0	2502.1	*2470.0*	2612.2	2952.4	3596.4	3974.0	3945.1
32.5°	2619.7	2474.3	*2486.0*	2602.6	2876.5	3547.2	4093.8	4107.7
35°	2700.0	2706.4	*2809.1*	2857.2	2947.1	3539.7	4256.4	4311.0
37.5°	3099.0	3321.5	*3534.3*	3494.8	3292.6	3626.3	4499.2	4600.9
40°	3778.2	4235.0	*4580.5*	4429.7	3920.5	3891.6	4849.0	5000.9
42.5°	4608.3	5382.8	*5951.9*	5547.6	4730.3	4355.9	5348.6	5542.2
45°	5484.4	6798.1	*7694.5*	6853.7	5593.6	5006.3	6104.9	6256.8
47.5°	6407.6	8518.2	*9677.7*	8302.1	6393.7	5746.5	7136.1	7171.4
50°	7417.4	10404.1	*11699.5*	9749.4	7166.0	6594.8	8396.2	8355.6
52.5°	8379.1	12343.5	*13678.5*	11203.1	7844.2	7647.4	9858.5	9775.1
55°	9296.9	14281.8	*15669.2*	12600.2	8483.9	9038.0	11595.7	11090.8
57.5°	10361.3	16024.4	*17720.9*	14003.7	9378.2	10843.7	13538.3	11854.6
60°	11934.8	18004.4	*20041.1*	15927.0	11079.1	12741.4	14234.7	11709.1
62.5°	13943.8	19825.1	*21728.1*	17811.9	12787.4	13098.7	13208.9	10588.1
65°	*14334.2*	*20286.1*	*21823.3*	*18315.7*	*12567.0*	*11111.2*	*10783.8*	*8510.7*
67.5°	13298.7	19452.8	*20492.6*	17377.6	11116.5	8586.6	8092.4	6174.4
70°	12137.0	17864.3	*18173.4*	15782.6	9777.2	6315.6	5465.2	3962.2
72.5°	10946.4	15745.2	*15105.5*	13706.3	8593.0	4598.7	3941.9	2816.6
75°	9532.2	12958.6	*11898.5*	11388.2	7114.7	3609.2	2851.9	1943.7
77.5°	7633.5	9121.5	*8838.0*	8827.3	5346.4	2636.9	1903.0	1218.4
80°	5385.0	5919.8	*5775.4*	6648.3	3586.8	1912.7	1145.7	678.2
82.5°	2606.9	3273.3	*3360.0*	3959.0	1744.7	1125.3	264.2	147.6
85°	1020.5	1578.9	*1331.8*	1503.0	489.9	313.4	6.4	0.0
87.5°	114.5	182.9	*167.9*	132.6	59.9	12.8	0.0	0.0
90°	0.0	0.0	*0.0*	0.0	0.0	0.0	0.0	0.0


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(END OF REPORT)