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: P1203004

Luminaire Tested: GWC-SB2B-735-U-SLL-HSS

Issue Date: 10/30/2025

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Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1203004
	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-SB2B-735-U-SLL-HSS
Description:	GALLEON WALL LUMINAIRE
	(2) 70 CRI, 3500K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT ELIMINATOF
	LEFT OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	8592 lumens
Efficiency:	N/A
Efficacy:	116.3 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G3

Input Watts (W):	73.9
Input Voltage (V):	120.0
Input Current (Ain):	0.627
Voltage Rise (V):	NR
Power Factor:	0.988
Total Harmonic Distortion (THDi):	13.593
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

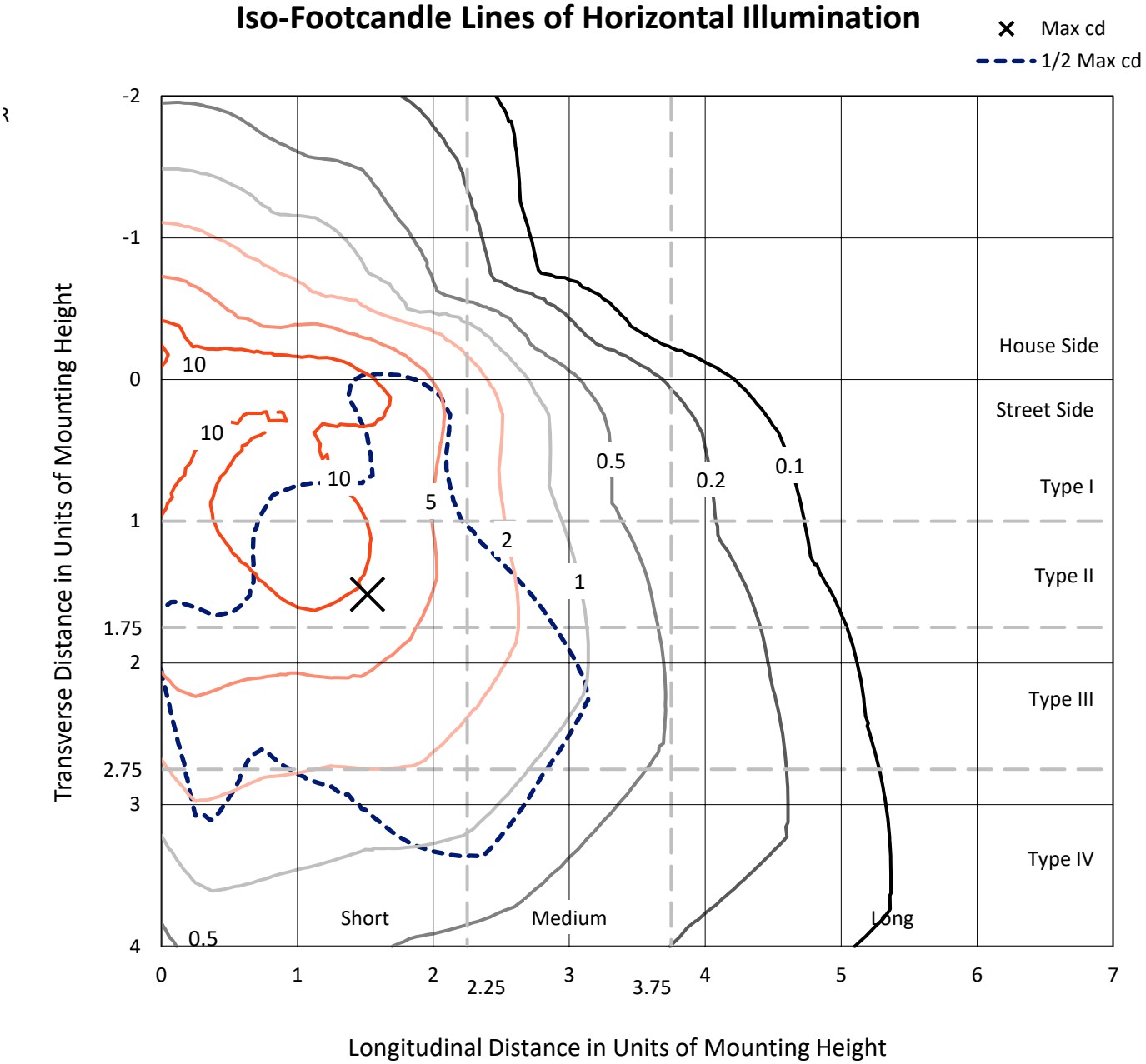


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Iso-Footcandle Lines of Horizontal Illumination



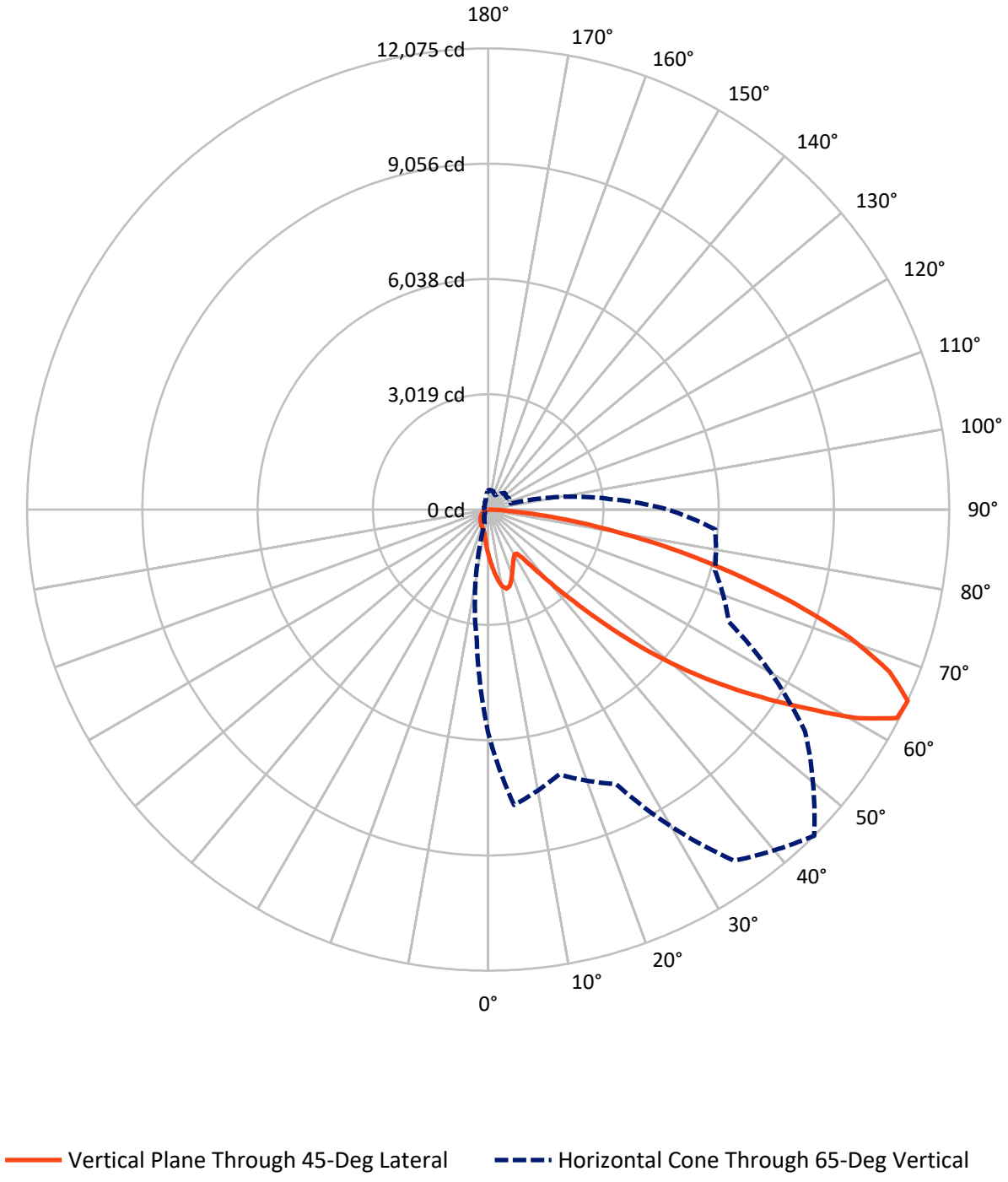
Based on 10 foot mounting height. Maximum calculated value = 19.5 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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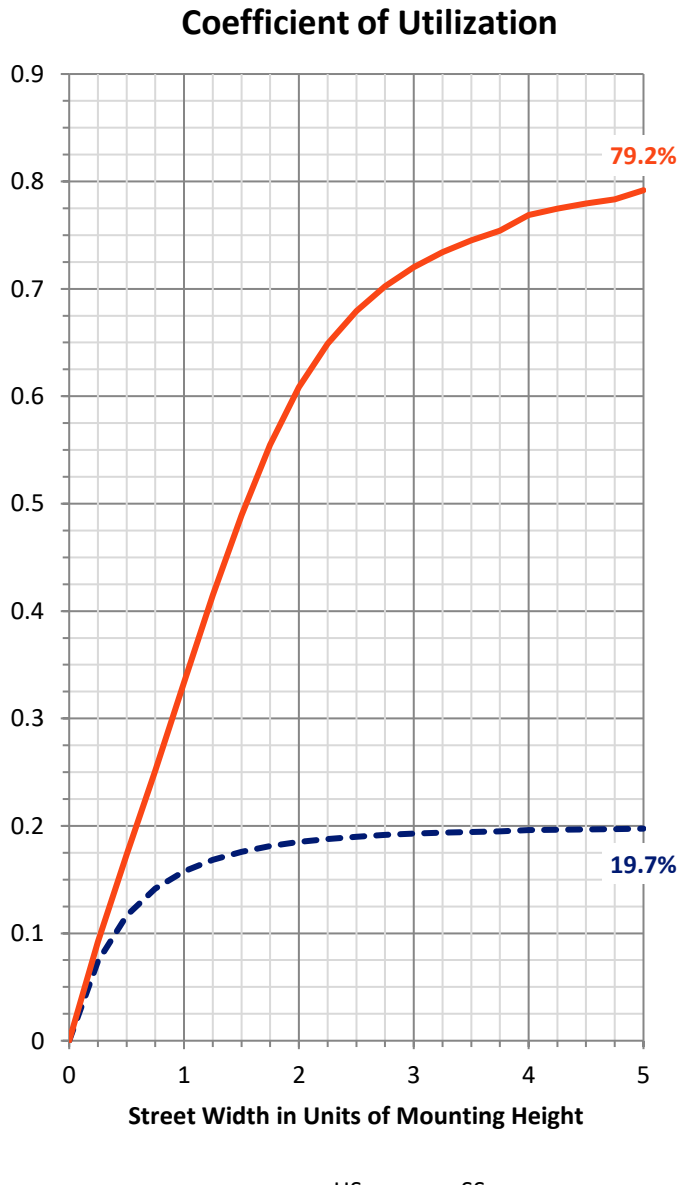
REPORT NUMBER: P1203004
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1707.8	0.0	1707.8
	% Fixture	19.9	0.0	19.9
Street Side	Lumens	6884.2	0.0	6884.2
	% Fixture	80.1	0.0	80.1
Total	Lumens	8592.0	0.0	8592.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	117.1	1.4
10°-20°	351.1	4.1
20°-30°	517.3	6.0
30°-40°	664.6	7.7
40°-50°	1074.8	12.5
50°-60°	1884.8	21.9
60°-70°	2358.4	27.4
70°-80°	1378.1	16.0
80°-90°	245.9	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°	8592.0	100.0
0°-180°	8592.0	100.0



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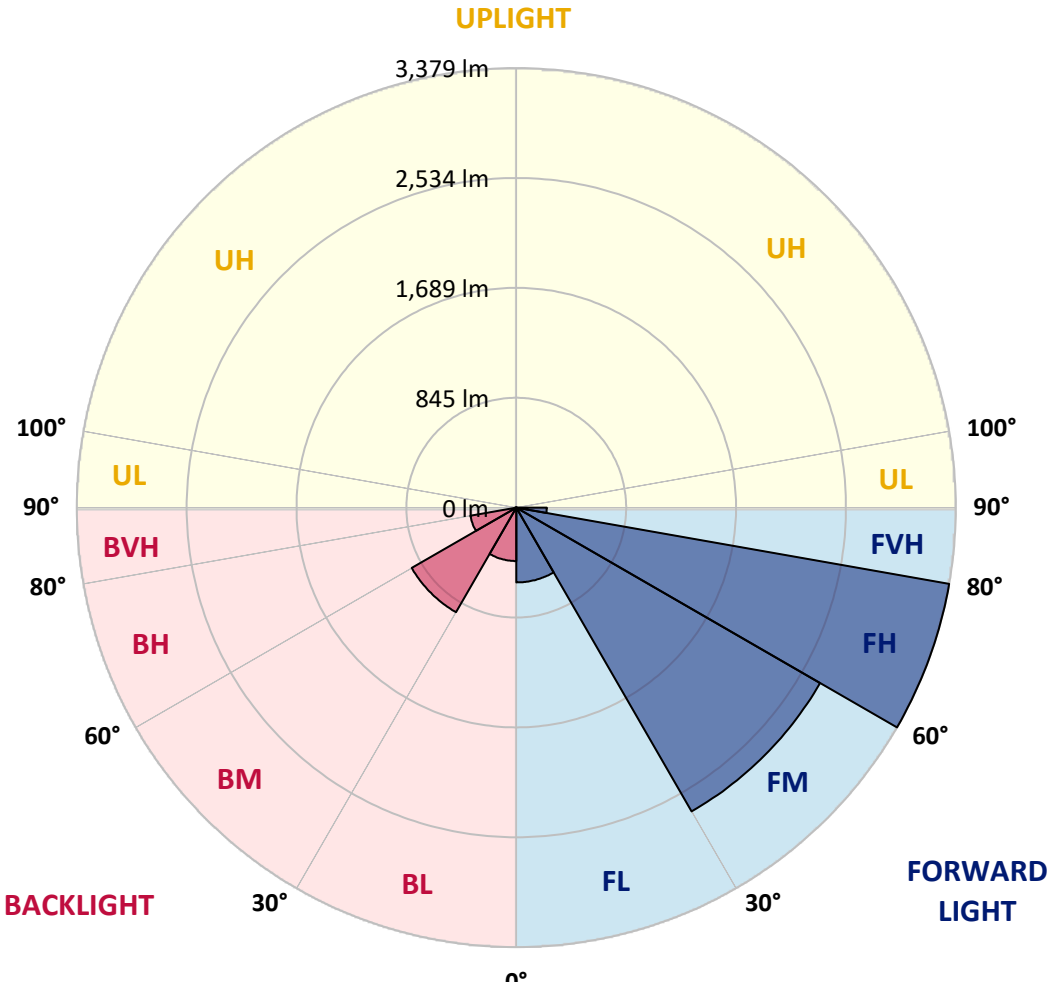
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	574.9	6.7			
FM	(30°-60°)	2696.3	31.4			
FH	(60°-80°)	3378.6	39.3			G2/5000
FVH	(80°-90°)	234.4	2.7			G3/500
BL	(0°-30°)	410.6	4.8	B1/500		
BM	(30°-60°)	927.8	10.8	B1/1000		
BH	(60°-80°)	357.8	4.2	B1/500		G1/500
BVH	(80°-90°)	11.5	0.1			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G3
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	1189.7	1189.7	1189.7	1189.7	1189.7	1189.7	1189.7	1189.7	1189.7	1189.7	1189.7
2.5°	1333.0	1343.0	1365.5	1377.3	1395.7	1396.9	1396.9	1380.9	1380.3	1347.8	1344.2
5°	1489.8	1513.5	1566.8	1621.8	1633.6	1636.6	1630.7	1598.7	1575.0	1511.7	1498.1
7.5°	1645.5	1691.1	1772.1	1845.5	1869.2	1869.2	1855.0	1802.9	1754.4	1662.6	1628.3
10°	1774.5	1831.9	1942.0	2024.3	2051.5	2045.6	2016.6	1950.9	1884.0	1772.7	1727.8
12.5°	1859.7	1924.3	2045.0	2111.3	2139.1	2123.7	2090.6	2026.7	1956.2	1839.0	1788.1
15°	1902.4	1969.8	2074.6	2109.5	2101.8	2085.9	2081.7	2050.9	1997.7	1888.2	1832.5
17.5°	1920.7	1983.5	2056.3	2034.4	1969.2	1956.8	1998.3	2037.3	2024.3	1930.8	1878.7
20°	1937.9	1990.6	2012.5	1915.4	1801.7	1790.5	1869.8	1981.1	2037.9	1970.4	1922.5
22.5°	1961.6	1994.1	1949.1	1789.9	1667.4	1641.3	1728.9	1896.4	2042.1	2020.7	1972.8
25°	1994.1	2003.0	1879.3	1670.9	1547.8	1521.8	1603.5	1802.3	2034.9	2075.2	2034.4
27.5°	2033.2	2014.8	1812.4	1571.5	1452.5	1428.3	1509.9	1711.8	2014.8	2129.7	2100.6
30°	2084.1	2030.2	1746.1	1494.5	1384.5	1366.7	1445.4	1633.6	1990.0	2198.9	2182.9
32.5°	2135.6	2036.7	1684.5	1449.6	1369.1	1375.6	1440.1	1591.6	1962.7	2265.2	2272.9
35°	2191.2	2057.4	1654.4	1494.0	1497.5	1554.3	1581.0	1630.7	1958.6	2355.2	2385.4
37.5°	2267.0	2103.6	1690.5	1714.7	1837.8	1955.6	1933.7	1821.9	2006.5	2489.5	2545.8
40°	2375.9	2184.7	1847.9	2090.6	2343.3	2534.5	2451.1	2169.3	2153.3	2683.1	2767.1
42.5°	2534.5	2313.7	2127.3	2549.9	2978.4	3293.3	3069.6	2617.4	2410.2	2959.5	3066.6
45°	2768.9	2522.7	2465.3	3034.7	3761.5	4257.5	3792.3	3095.0	2770.1	3378.0	3462.0
47.5°	3093.9	2829.9	2781.9	3545.5	4713.3	5354.9	4593.7	3537.8	3179.7	3948.6	3968.1
50°	3525.4	3243.6	3082.0	4104.2	5756.8	6473.6	5394.6	3965.1	3649.1	4645.8	4623.3
52.5°	4094.8	3820.7	3431.8	4636.3	6829.9	7568.6	6199.0	4340.4	4231.5	5454.9	5408.8
55°	4871.3	4689.0	3910.1	5144.2	7902.4	8670.1	6972.0	4694.4	5001.0	6416.2	6136.8
57.5°	5834.9	5965.2	4599.6	5733.1	8866.6	9805.4	7748.6	5189.2	6000.1	7491.1	6559.4
60°	6456.4	7662.1	5920.2	6603.8	9962.3	11089.2	8812.8	6130.3	7050.1	7876.4	6478.9
62.5°	6306.1	8201.9	7501.7	7715.4	10969.7	12022.7	9855.7	7075.6	7247.8	7308.8	5858.6
65°	5845.0	7766.3	7179.1	7931.4	11224.8	12075.3	10134.5	6953.6	6148.1	5966.9	4709.1
67.5°	5210.5	7249.6	6412.6	7358.5	10763.7	11339.0	9615.4	6151.0	4751.2	4477.7	3416.4
70°	4525.7	6677.8	5909.5	6715.7	9884.7	10055.8	8732.9	5410.0	3494.6	3024.0	2192.4
72.5°	3875.8	6082.4	5565.0	6056.9	8712.2	8358.2	7584.0	4754.7	2544.6	2181.1	1558.5
75°	3211.1	5204.0	5074.4	5274.4	7170.3	6583.7	6301.4	3936.7	1997.1	1578.0	1075.5
77.5°	2477.7	4066.3	4364.7	4223.8	5047.1	4890.3	4884.4	2958.3	1459.0	1053.0	674.2
80°	1695.8	2834.0	3409.9	2979.6	3275.6	3195.7	3678.7	1984.6	1058.3	633.9	375.3
82.5°	996.8	1725.4	2373.5	1442.5	1811.2	1859.2	2190.6	965.4	622.7	146.2	81.7
85°	404.3	681.3	928.1	564.7	873.6	736.9	831.6	271.1	173.4	3.6	0.0
87.5°	101.8	217.8	152.7	63.3	101.2	92.9	73.4	33.1	7.1	0.0	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°	1189.7	1189.7	1189.7	1189.7	1189.7	1189.7	1189.7	1189.7	1189.7	1189.7	1189.7
2.5°	1321.1	1307.5	1273.8	1240.0	1212.8	1176.1	1151.8	1122.8	1095.0	1070.2	1065.4
5°	1460.8	1415.8	1354.3	1298.0	1240.6	1185.0	1129.9	1071.9	1018.7	986.1	965.4
7.5°	1574.5	1495.1	1413.5	1341.8	1272.6	1207.5	1134.7	1064.2	980.8	936.4	896.1
10°	1659.1	1554.9	1447.8	1365.5	1295.7	1232.3	1170.8	1099.7	999.1	943.5	883.1
12.5°	1714.7	1591.0	1465.5	1371.4	1293.3	1244.2	1216.9	1189.1	1089.1	1024.0	936.4
15°	1753.2	1616.5	1478.0	1357.8	1261.9	1225.8	1253.1	1285.0	1221.1	1145.9	1031.7
17.5°	1795.2	1649.6	1483.3	1321.1	1201.0	1185.6	1256.0	1330.0	1327.0	1252.5	1140.6
20°	1839.6	1678.6	1479.7	1261.9	1127.0	1140.6	1230.6	1316.4	1352.5	1312.2	1212.8
22.5°	1885.2	1706.4	1466.1	1185.0	1057.7	1100.3	1190.3	1265.5	1308.1	1295.7	1219.9
25°	1942.6	1745.5	1446.0	1102.1	1000.3	1059.5	1143.5	1204.5	1234.1	1233.5	1181.4
27.5°	2011.3	1797.6	1435.4	1035.2	959.5	1013.3	1087.9	1142.4	1163.1	1163.1	1121.6
30°	2091.2	1859.2	1423.5	991.4	935.8	965.4	1023.4	1076.7	1097.4	1097.4	1062.5
32.5°	2180.0	1918.3	1395.1	964.8	918.0	918.6	955.3	1003.9	1028.7	1032.3	1007.4
35°	2286.5	1981.7	1333.0	943.5	897.3	873.1	890.8	931.1	960.7	968.3	953.0
37.5°	2426.2	2059.2	1244.2	912.1	865.4	825.1	829.3	860.0	892.6	904.4	894.4
40°	2613.8	2150.4	1151.8	867.1	820.4	772.4	770.7	793.1	825.1	838.1	832.8
42.5°	2861.8	2259.9	1063.6	823.9	765.9	716.8	713.8	731.6	759.4	773.0	770.7
45°	3179.1	2394.2	987.9	790.2	712.6	664.1	662.9	677.7	702.0	716.2	713.2
47.5°	3620.1	2528.6	936.4	772.4	670.6	620.9	623.3	636.3	658.2	668.3	664.1
50°	4194.8	2569.4	910.3	772.4	648.1	582.4	594.3	604.9	621.5	627.4	622.1
52.5°	4746.4	2434.5	886.7	777.2	651.1	549.9	575.3	583.0	597.2	599.6	591.9
55°	5016.9	2093.0	854.1	778.3	669.4	522.1	559.9	574.1	579.5	578.9	565.9
57.5°	4924.0	1692.2	799.1	773.6	681.9	504.3	541.0	568.2	571.8	566.4	542.2
60°	4597.9	1245.9	757.0	738.7	677.1	499.0	512.0	555.2	560.5	553.4	513.8
62.5°	4051.0	864.8	724.5	661.7	656.4	497.2	466.4	526.8	539.8	529.7	471.7
65°	*3189.2*	*610.8*	*623.9*	*580.1*	*611.4*	*487.7*	*419.1*	*492.5*	*510.2*	*494.8*	*413.1*
67.5°	2158.1	441.0	505.5	525.6	538.6	466.4	384.7	453.4	477.1	456.9	345.1
70°	1165.4	309.6	333.8	442.7	457.5	429.7	354.0	413.7	441.0	419.1	281.2
72.5°	688.4	222.6	233.8	355.7	381.2	378.2	319.6	367.6	400.7	374.7	228.5
75°	379.4	150.3	166.9	258.1	309.6	291.8	274.6	311.3	345.1	319.6	176.4
77.5°	169.9	90.0	116.0	169.3	243.3	200.1	212.5	242.7	274.0	247.4	117.8
80°	65.7	50.3	76.9	92.3	177.0	110.7	136.7	178.8	201.2	179.9	71.6
82.5°	8.3	22.5	33.1	36.1	103.0	58.6	79.3	112.5	110.7	95.9	36.1
85°	0.0	4.1	4.7	2.4	44.4	21.3	26.0	36.7	34.3	26.0	3.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	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):

	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°	285°
0°	1189.7	1189.7	1189.7	1189.7	1189.7	1189.7	1189.7	1189.7	1189.7	1189.7	1189.7
2.5°	1036.4	1015.1	1004.5	995.6	1003.9	1008.6	1008.6	1028.7	1040.6	1045.3	1078.4
5°	913.3	873.6	847.0	831.0	836.4	842.3	848.8	874.2	891.4	902.6	954.1
7.5°	816.2	755.9	718.6	699.0	702.0	706.1	711.5	736.3	753.5	768.3	825.7
10°	768.3	683.1	633.9	610.2	606.1	603.7	602.0	616.8	629.8	641.6	698.4
12.5°	770.7	651.7	591.9	562.9	550.5	536.3	525.0	527.4	535.7	550.5	586.6
15°	800.8	641.6	570.0	533.9	513.2	496.6	483.0	480.0	483.0	485.4	507.8
17.5°	841.7	640.4	551.1	506.1	484.8	471.2	458.7	454.6	455.2	458.1	464.0
20°	874.2	636.9	529.7	479.4	460.5	448.7	436.2	432.1	433.3	433.9	440.4
22.5°	891.4	631.6	506.1	452.8	436.8	425.0	413.7	413.1	413.1	416.7	421.4
25°	891.4	620.3	484.8	427.4	413.1	402.5	388.9	391.2	392.4	397.2	404.3
27.5°	870.1	599.0	467.6	405.5	390.7	380.0	367.6	370.5	372.3	377.6	386.5
30°	842.9	573.6	448.1	384.7	367.6	359.9	349.2	350.4	352.8	358.7	368.8
32.5°	813.9	543.4	432.1	364.0	346.9	340.9	329.1	330.9	333.2	339.8	351.0
35°	781.9	507.8	413.1	345.1	327.9	323.2	309.6	310.7	314.3	321.4	332.6
37.5°	748.2	478.8	394.2	326.7	309.0	304.2	290.0	291.2	295.4	303.6	314.3
40°	715.0	450.4	374.1	307.2	289.4	285.3	269.9	271.1	275.8	284.7	295.9
42.5°	678.9	428.5	348.0	287.1	268.1	264.0	249.8	251.6	256.9	265.8	277.0
45°	635.7	414.3	319.0	268.1	246.8	242.7	229.7	233.2	239.1	248.0	259.8
47.5°	591.3	408.4	294.8	248.0	224.9	221.4	210.7	216.6	223.1	230.2	243.3
50°	548.7	400.7	269.9	229.1	206.0	202.4	195.3	203.0	209.5	216.0	228.5
52.5°	500.2	384.1	247.4	212.5	190.0	188.8	185.3	192.4	198.3	204.2	214.9
55°	449.8	357.5	227.9	197.7	176.4	177.6	175.8	181.7	186.4	191.8	201.2
57.5°	406.0	323.8	212.5	181.7	164.5	168.1	165.7	168.7	171.7	178.2	185.9
60°	361.7	283.5	195.3	162.8	152.7	156.9	150.3	149.8	150.9	152.7	166.9
62.5°	301.9	241.5	174.0	146.2	139.7	141.5	129.0	119.6	119.6	121.3	142.6
65°	*242.7*	*202.4*	*150.3*	*127.3*	*121.9*	*120.7*	*103.0*	*90.0*	*88.8*	*94.1*	*112.5*
67.5°	199.5	168.1	126.7	105.9	102.4	103.6	90.6	77.5	76.4	82.3	95.9
70°	165.1	135.5	101.2	81.7	85.2	90.6	77.5	65.1	63.3	68.7	81.7
72.5°	131.4	105.9	77.5	60.4	70.4	76.9	63.3	51.5	50.3	55.0	67.5
75°	96.5	75.8	52.7	43.8	54.5	60.4	46.2	36.7	34.9	39.1	51.5
77.5°	59.8	42.6	33.1	26.0	37.3	40.2	24.3	21.3	20.7	23.7	32.6
80°	27.8	18.3	16.0	8.9	13.6	16.0	10.1	11.2	11.8	14.2	20.1
82.5°	7.7	3.0	0.6	0.0	0.0	4.7	2.4	4.7	5.9	8.9	13.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	3.0	5.3	9.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	4.7
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: P1203004
CATALOG NUMBER: GWC-SB2B-735-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	295°	305°	315°	325°	335°	345°	355°	360°
0°	1189.7	1189.7	1189.7	1189.7	1189.7	1189.7	1189.7	1189.7
2.5°	1103.3	1127.0	1164.9	1203.9	1242.4	1281.5	1319.3	1333.0
5°	1000.9	1055.4	1130.5	1211.0	1293.9	1377.9	1454.9	1489.8
7.5°	886.7	964.8	1077.8	1203.9	1335.9	1467.9	1589.2	1645.5
10°	764.7	863.6	992.6	1163.1	1352.5	1534.8	1701.7	1774.5
12.5°	648.7	752.3	895.0	1099.2	1339.5	1573.3	1773.9	1859.7
15°	551.6	643.4	797.3	1023.4	1297.4	1575.6	1808.3	1902.4
17.5°	478.8	538.6	697.8	939.3	1242.4	1553.7	1820.1	1920.7
20°	442.7	459.3	568.8	831.6	1190.9	1533.0	1831.9	1937.9
22.5°	421.4	425.6	465.2	692.5	1129.3	1526.5	1852.6	1961.6
25°	404.3	405.5	416.1	548.7	1035.2	1522.4	1884.6	1994.1
27.5°	387.1	387.1	393.0	442.1	907.4	1504.6	1926.0	2033.2
30°	369.9	369.9	374.1	391.2	757.6	1469.7	1975.8	2084.1
32.5°	352.2	352.2	355.7	368.2	604.9	1425.9	2021.3	2135.6
35°	334.4	333.2	338.0	351.0	481.2	1370.2	2066.9	2191.2
37.5°	315.5	314.9	319.6	334.4	415.5	1305.7	2101.2	2267.0
40°	295.4	295.4	300.7	316.7	396.6	1224.6	2155.7	2375.9
42.5°	277.0	275.8	281.7	301.3	382.4	1147.1	2253.4	2534.5
45°	259.3	256.9	262.2	286.5	357.5	1119.9	2435.7	2768.9
47.5°	242.7	236.8	241.5	268.7	335.0	1221.7	2734.0	3093.9
50°	229.1	217.8	222.0	251.0	317.8	1442.5	3121.1	3525.4
52.5°	214.9	200.1	202.4	229.1	302.5	1652.6	3540.7	4094.8
55°	200.1	183.5	184.7	207.2	280.6	1684.0	3950.3	4871.3
57.5°	183.5	168.1	168.1	187.0	264.6	1459.6	4265.2	5834.9
60°	165.1	155.1	152.1	171.1	278.8	1029.9	4301.9	6456.4
62.5°	145.0	139.7	135.5	155.7	289.4	610.2	4006.6	6306.1
65°	*121.9*	*120.7*	*117.8*	*171.1*	*243.9*	*360.5*	*3439.5*	*5845.0*
67.5°	102.4	100.6	100.6	179.3	185.3	226.7	2687.2	5210.5
70°	88.2	81.7	81.7	135.5	112.5	156.9	1876.3	4525.7
72.5°	74.0	66.9	62.1	108.3	84.0	114.8	1172.6	3875.8
75°	59.2	53.9	47.9	71.6	62.7	87.0	681.3	3211.1
77.5°	42.6	40.2	33.7	52.7	45.6	62.7	405.5	2477.7
80°	21.9	22.5	21.3	30.2	30.8	42.6	230.8	1695.8
82.5°	13.0	10.1	11.2	14.8	17.8	24.3	87.0	996.8
85°	8.3	5.3	5.3	7.1	8.9	9.5	26.6	404.3
87.5°	4.1	1.8	2.4	3.6	3.0	2.4	1.2	101.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0


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SS

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(END OF REPORT)