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: P1202346

Luminaire Tested: GWC-SB1D-827-U-SLR-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1202346
	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-SB1D-827-U-SLR-HSS
Description:	GALLEON WALL LUMINAIRE
	(1) 80 CRI, 2700K, 900mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT ELIMINATOR RIGHT OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6789 lumens
Efficiency:	N/A
Efficacy:	85.3 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G2

Input Watts (W):	79.6
Input Voltage (V):	120.0
Input Current (Ain):	0.638
Voltage Rise (V):	NR
Power Factor:	0.997
Total Harmonic Distortion (THDi):	6.673
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

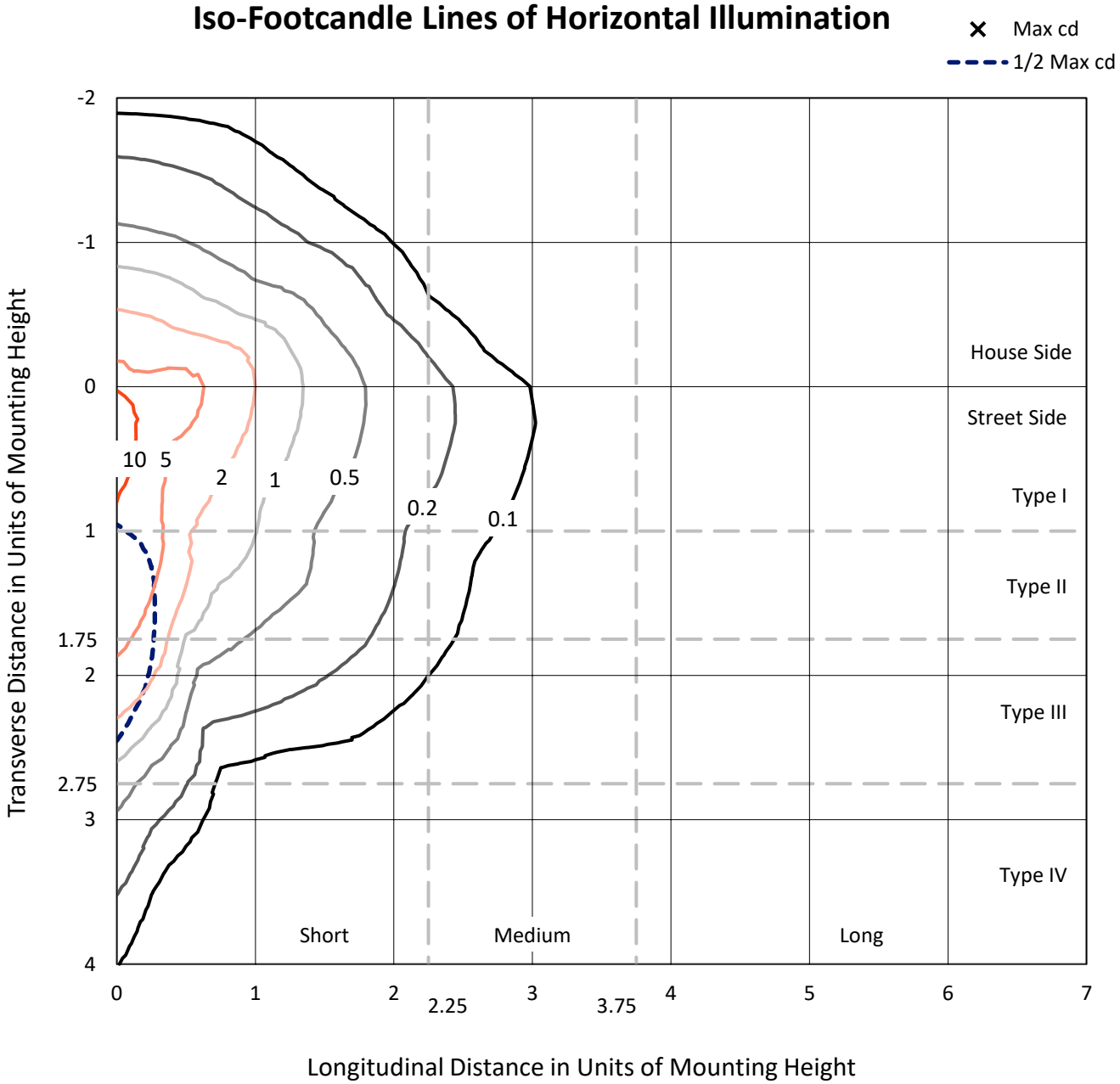


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Iso-Footcandle Lines of Horizontal Illumination



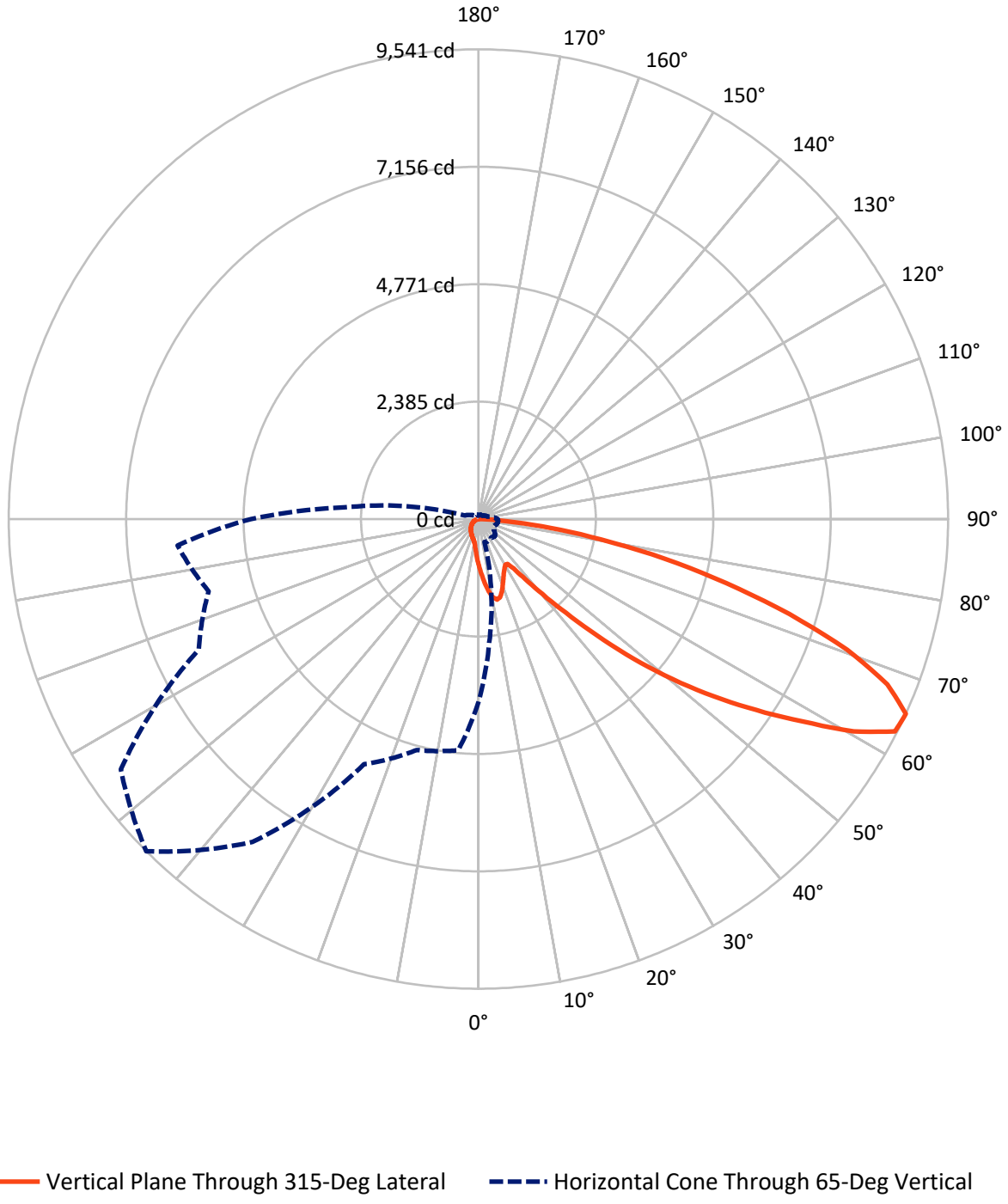
Based on 10 foot mounting height. Maximum calculated value = 13.1 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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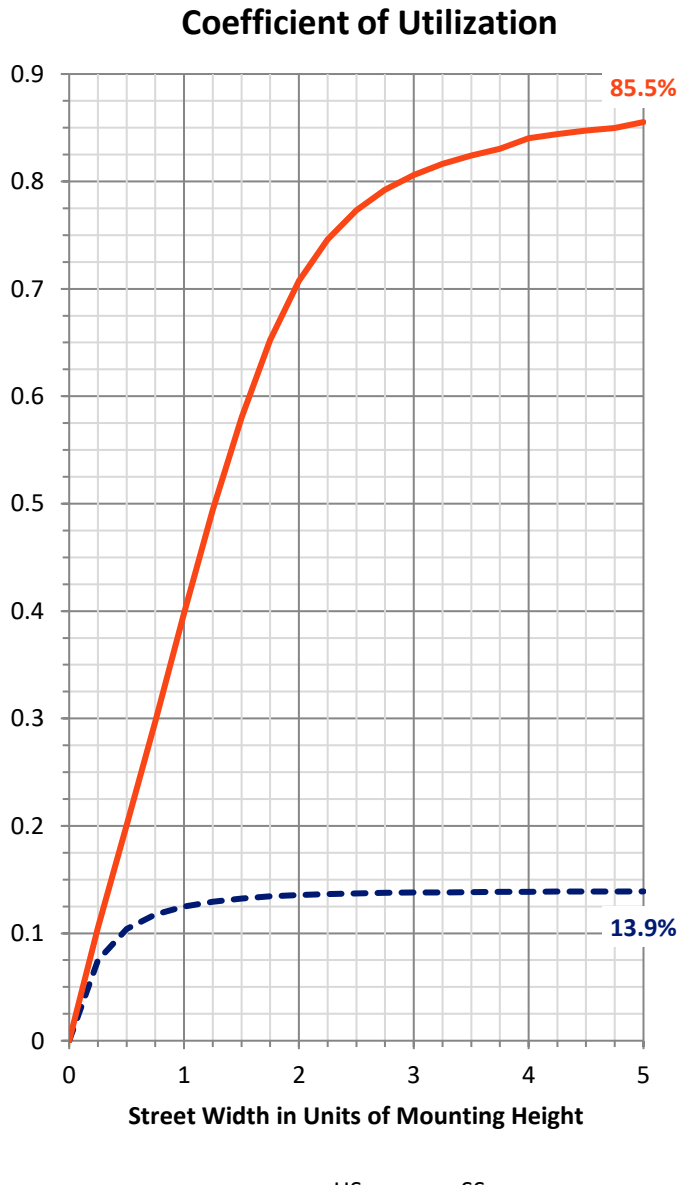
REPORT NUMBER: P1202346
CATALOG NUMBER: GWC-SB1D-827-U-SLR-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	950.8	0.0	950.8
	% Fixture	14.0	0.0	14.0
Street Side	Lumens	5838.3	0.0	5838.3
	% Fixture	86.0	0.0	86.0
Total	Lumens	6789.0	0.0	6789.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	92.6	1.4
10°-20°	277.4	4.1
20°-30°	408.7	6.0
30°-40°	525.1	7.7
40°-50°	849.3	12.5
50°-60°	1489.3	21.9
60°-70°	1863.5	27.4
70°-80°	1088.9	16.0
80°-90°	194.3	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°	6789.0	100.0
0°-180°	6789.0	100.0



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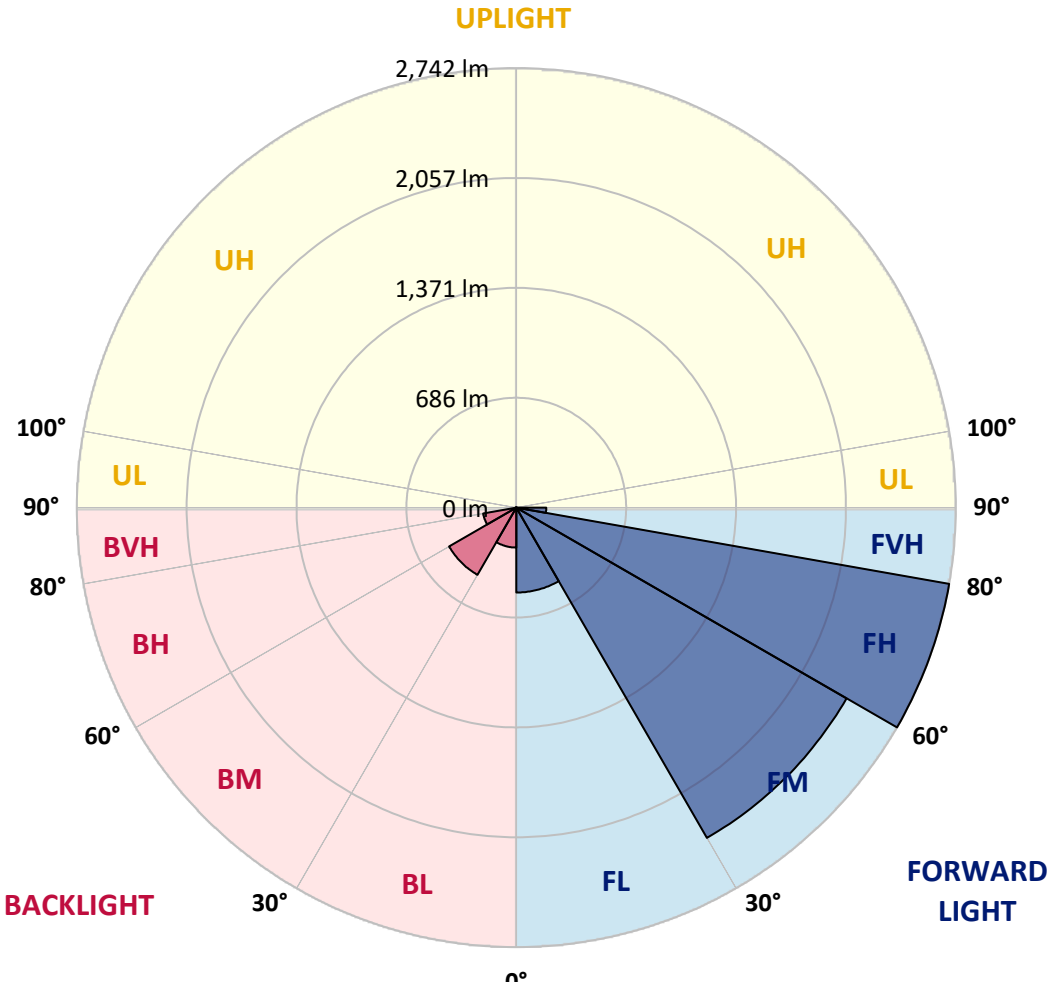
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	529.5	7.8			
FM	(30°-60°)	2379.5	35.0			
FH	(60°-80°)	2742.4	40.4			G2/5000
FVH	(80°-90°)	186.8	2.8			G2/225
BL	(0°-30°)	249.2	3.7	B1/500		
BM	(30°-60°)	484.1	7.1	B1/1000		
BH	(60°-80°)	209.9	3.1	B1/500		G1/500
BVH	(80°-90°)	7.5	0.1			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	940.1	940.1	940.1	940.1	940.1	940.1	940.1	940.1	940.1	940.1	940.1
2.5°	1062.1	1043.9	1033.1	1006.5	979.8	958.3	929.3	910.1	887.2	865.2	845.6
5°	1183.7	1154.3	1118.7	1070.1	1025.6	980.3	936.3	892.8	847.0	804.9	779.2
7.5°	1286.6	1244.1	1181.4	1116.8	1060.3	1005.5	954.1	896.6	840.9	775.0	739.9
10°	1365.2	1310.9	1228.6	1144.0	1079.0	1023.8	973.7	925.1	869.0	789.5	745.5
12.5°	1412.9	1354.9	1257.2	1158.0	1083.6	1021.9	983.1	961.6	939.6	860.6	809.1
15°	1448.0	1385.3	1277.3	1167.8	1072.9	997.1	968.6	990.1	1015.4	964.8	905.5
17.5°	1484.5	1418.5	1303.5	1172.0	1043.9	948.9	936.8	992.4	1050.9	1048.6	989.6
20°	1519.1	1453.6	1326.4	1169.2	997.1	890.5	901.2	972.3	1040.1	1068.7	1036.9
22.5°	1558.8	1489.6	1348.4	1158.5	936.3	835.8	869.4	940.5	999.9	1033.6	1023.8
25°	1607.5	1535.0	1379.2	1142.6	870.8	790.4	837.2	903.6	951.8	975.1	974.7
27.5°	1659.8	1589.2	1420.4	1134.2	818.0	758.1	800.7	859.6	902.6	919.0	919.0
30°	1724.8	1652.4	1469.0	1124.8	783.4	739.4	762.8	808.6	850.7	867.1	867.1
32.5°	1795.9	1722.5	1515.8	1102.3	762.3	725.4	725.9	754.9	793.2	812.8	815.7
35°	1884.8	1806.7	1565.8	1053.2	745.5	709.0	689.8	703.9	735.7	759.1	765.1
37.5°	2011.5	1917.1	1627.1	983.1	720.7	683.8	652.0	655.2	679.6	705.3	714.6
40°	2186.5	2065.3	1699.1	910.1	685.2	648.2	610.3	608.9	626.7	652.0	662.3
42.5°	2423.1	2261.3	1785.6	840.4	651.0	605.2	566.4	564.0	578.1	600.0	610.8
45°	2735.5	2512.0	1891.8	780.6	624.4	563.1	524.7	523.8	535.5	554.7	565.9
47.5°	3135.4	2860.4	1998.0	739.9	610.3	529.9	490.6	492.5	502.8	520.1	528.0
50°	3653.1	3314.5	2030.2	719.3	610.3	512.1	460.2	469.6	478.0	491.1	495.8
52.5°	4273.8	3750.4	1923.6	700.6	614.1	514.5	434.5	454.6	460.7	471.9	473.8
55°	4849.0	3964.2	1653.8	674.9	615.0	529.0	412.5	442.4	453.7	457.9	457.4
57.5°	5183.0	3890.7	1337.1	631.4	611.3	538.8	398.5	427.5	449.0	451.8	447.6
60°	5119.3	3633.0	984.5	598.2	583.7	535.0	394.3	404.6	438.7	442.9	437.3
62.5°	4629.2	3200.9	683.3	572.5	522.9	518.7	392.9	368.5	416.2	426.5	418.6
65°	*3721.0*	*2519.9*	*482.7*	*492.9*	*458.3*	*483.1*	*385.4*	*331.1*	*389.1*	*403.1*	*391.0*
67.5°	2699.5	1705.2	348.4	399.4	415.3	425.6	368.5	304.0	358.3	377.0	361.1
70°	1732.3	920.9	244.6	263.8	349.8	361.5	339.5	279.7	326.9	348.4	331.1
72.5°	1231.4	543.9	175.9	184.7	281.1	301.2	298.9	252.6	290.4	316.6	296.0
75°	849.8	299.8	118.8	131.9	203.9	244.6	230.6	217.0	246.0	272.7	252.6
77.5°	532.7	134.2	71.1	91.7	133.8	192.2	158.1	167.9	191.8	216.5	195.5
80°	296.5	51.9	39.8	60.8	73.0	139.8	87.5	108.0	141.2	159.0	142.2
82.5°	64.5	6.5	17.8	26.2	28.5	81.4	46.3	62.7	88.9	87.5	75.8
85°	0.0	0.0	3.3	3.7	1.9	35.1	16.8	20.6	29.0	27.1	20.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	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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Scaled Data Report

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CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°	185°
0°	940.1	940.1	940.1	940.1	940.1	940.1	940.1	940.1	940.1	940.1	940.1
2.5°	841.8	818.9	802.1	793.7	786.7	793.2	796.9	796.9	812.8	822.2	825.9
5°	762.8	721.6	690.3	669.3	656.6	660.8	665.5	670.7	690.8	704.3	713.2
7.5°	708.1	644.9	597.2	567.8	552.3	554.7	558.0	562.2	581.8	595.4	607.1
10°	697.8	607.1	539.7	500.9	482.2	478.9	477.0	475.6	487.3	497.6	507.0
12.5°	739.9	608.9	514.9	467.7	444.8	435.0	423.7	414.8	416.7	423.3	435.0
15°	815.2	632.8	507.0	450.4	421.9	405.5	392.4	381.6	379.3	381.6	383.5
17.5°	901.2	665.1	506.0	435.4	399.9	383.0	372.3	362.5	359.2	359.7	362.0
20°	958.3	690.8	503.2	418.6	378.8	363.9	354.5	344.7	341.4	342.3	342.8
22.5°	963.9	704.3	499.0	399.9	357.8	345.2	335.8	326.9	326.4	326.4	329.3
25°	933.5	704.3	490.1	383.0	337.7	326.4	318.0	307.3	309.1	310.1	313.8
27.5°	886.3	687.5	473.3	369.5	320.4	308.7	300.3	290.4	292.8	294.2	298.4
30°	839.5	666.0	453.2	354.0	304.0	290.4	284.4	275.9	276.9	278.7	283.4
32.5°	796.0	643.1	429.3	341.4	287.6	274.1	269.4	260.0	261.4	263.3	268.5
35°	753.0	617.8	401.3	326.4	272.7	259.1	255.4	244.6	245.5	248.3	254.0
37.5°	706.7	591.2	378.4	311.5	258.2	244.1	240.4	229.2	230.1	233.4	239.9
40°	658.0	565.0	355.9	295.6	242.7	228.7	225.4	213.3	214.2	217.9	225.0
42.5°	608.9	536.4	338.6	275.0	226.8	211.9	208.6	197.4	198.8	203.0	210.0
45°	563.6	502.3	327.4	252.1	211.9	195.0	191.8	181.5	184.3	188.9	196.0
47.5°	524.7	467.2	322.7	232.9	196.0	177.7	174.9	166.5	171.2	176.3	181.9
50°	491.5	433.5	316.6	213.3	181.0	162.8	160.0	154.3	160.4	165.6	170.7
52.5°	467.7	395.2	303.5	195.5	167.9	150.1	149.2	146.4	152.0	156.7	161.4
55°	447.1	355.4	282.5	180.1	156.2	139.4	140.3	138.9	143.6	147.3	151.5
57.5°	428.4	320.8	255.8	167.9	143.6	130.0	132.8	131.0	133.3	135.6	140.8
60°	406.0	285.8	224.0	154.3	128.6	120.7	123.9	118.8	118.3	119.3	120.7
62.5°	372.7	238.5	190.8	137.5	115.5	110.4	111.8	102.0	94.5	94.5	95.9
65°	*326.4*	*191.8*	*160.0*	*118.8*	*100.6*	*96.3*	*95.4*	*81.4*	*71.1*	*70.2*	*74.4*
67.5°	272.7	157.6	132.8	100.1	83.7	80.9	81.8	71.6	61.3	60.3	65.0
70°	222.2	130.5	107.1	80.0	64.5	67.3	71.6	61.3	51.4	50.0	54.3
72.5°	180.5	103.8	83.7	61.3	47.7	55.7	60.8	50.0	40.7	39.8	43.5
75°	139.4	76.2	59.9	41.6	34.6	43.0	47.7	36.5	29.0	27.6	30.9
77.5°	93.1	47.2	33.7	26.2	20.6	29.5	31.8	19.2	16.8	16.4	18.7
80°	56.6	22.0	14.5	12.6	7.0	10.8	12.6	8.0	8.9	9.4	11.2
82.5°	28.5	6.1	2.3	0.5	0.0	0.0	3.7	1.9	3.7	4.7	7.0
85°	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	2.3	4.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9
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°	940.1	940.1	940.1	940.1	940.1	940.1	940.1	940.1	940.1	940.1	940.1
2.5°	852.1	871.8	890.5	920.4	951.3	981.7	1012.6	1042.5	1053.2	1061.2	1079.0
5°	753.9	790.9	833.9	893.3	956.9	1022.4	1088.8	1149.6	1177.2	1195.9	1238.0
7.5°	652.4	700.6	762.3	851.7	951.3	1055.6	1159.9	1255.8	1300.2	1336.2	1400.3
10°	551.9	604.3	682.4	784.3	919.0	1068.7	1212.7	1344.6	1402.1	1447.5	1534.5
12.5°	463.5	512.6	594.4	707.1	868.5	1058.4	1243.1	1401.7	1469.5	1520.5	1615.9
15°	401.3	435.9	508.4	630.0	808.6	1025.2	1245.0	1428.8	1503.2	1556.5	1639.3
17.5°	366.7	378.4	425.6	551.4	742.2	981.7	1227.7	1438.2	1517.7	1567.2	1624.8
20°	348.0	349.8	362.9	449.5	657.1	941.0	1211.3	1447.5	1531.2	1572.8	1590.2
22.5°	333.0	333.0	336.3	367.6	547.2	892.4	1206.2	1463.9	1549.9	1575.7	1540.1
25°	319.4	319.4	320.4	328.8	433.5	818.0	1202.9	1489.1	1575.7	1582.7	1484.9
27.5°	305.4	305.9	305.9	310.5	349.4	717.0	1188.9	1521.9	1606.5	1592.0	1432.1
30°	291.4	292.3	292.3	295.6	309.1	598.6	1161.3	1561.2	1646.7	1604.2	1379.7
32.5°	277.3	278.3	278.3	281.1	290.9	478.0	1126.7	1597.2	1687.4	1609.3	1331.0
35°	262.8	264.2	263.3	267.1	277.3	380.2	1082.7	1633.2	1731.4	1625.7	1307.2
37.5°	248.3	249.3	248.8	252.6	264.2	328.3	1031.7	1660.3	1791.3	1662.2	1335.7
40°	233.8	233.4	233.4	237.6	250.2	313.4	967.7	1703.3	1877.3	1726.2	1460.1
42.5°	218.9	218.9	217.9	222.6	238.1	302.1	906.4	1780.5	2002.7	1828.2	1680.9
45°	205.3	204.8	203.0	207.2	226.4	282.5	884.9	1924.5	2187.9	1993.3	1947.9
47.5°	192.2	191.8	187.1	190.8	212.3	264.7	965.3	2160.3	2444.6	2236.0	2198.1
50°	180.5	181.0	172.1	175.4	198.3	251.2	1139.8	2466.1	2785.6	2562.9	2435.3
52.5°	169.8	169.8	158.1	160.0	181.0	239.0	1305.8	2797.7	3235.5	3018.9	2711.7
55°	159.0	158.1	145.0	145.9	163.7	221.7	1330.6	3121.4	3849.1	3705.0	3089.6
57.5°	146.9	145.0	132.8	132.8	147.8	209.1	1153.3	3370.2	4610.5	4713.4	3634.4
60°	131.9	130.5	122.5	120.2	135.2	220.3	813.8	3399.2	5101.6	6054.3	4677.8
62.5°	112.7	114.6	110.4	107.1	123.0	228.7	482.2	3165.8	4982.8	6480.8	5927.5
65°	*88.9*	*96.3*	*95.4*	*93.1*	*135.2*	*192.7*	*284.8*	*2717.8*	*4618.5*	*6136.6*	*5672.6*
67.5°	75.8	80.9	79.5	79.5	141.7	146.4	179.1	2123.3	4117.1	5728.3	5067.0
70°	64.5	69.7	64.5	64.5	107.1	88.9	123.9	1482.6	3576.0	5276.5	4669.4
72.5°	53.3	58.5	52.8	49.1	85.6	66.4	90.7	926.5	3062.4	4806.0	4397.2
75°	40.7	46.8	42.6	37.9	56.6	49.6	68.8	538.3	2537.2	4111.9	4009.5
77.5°	25.7	33.7	31.8	26.7	41.6	36.0	49.6	320.4	1957.8	3213.0	3448.8
80°	15.9	17.3	17.8	16.8	23.9	24.3	33.7	182.4	1339.9	2239.3	2694.4
82.5°	10.3	10.3	8.0	8.9	11.7	14.0	19.2	68.8	787.6	1363.3	1875.4
85°	7.5	6.5	4.2	4.2	5.6	7.0	7.5	21.0	319.4	538.3	733.3
87.5°	3.7	3.3	1.4	1.9	2.8	2.3	1.9	0.9	80.4	172.1	120.7
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: P1202346
CATALOG NUMBER: GWC-SB1D-827-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	295°	305°	315°	325°	335°	345°	355°	360°
0°	940.1	940.1	*940.1*	940.1	940.1	940.1	940.1	940.1
2.5°	1088.3	1102.8	*1103.8*	1103.8	1091.1	1090.7	1064.9	1062.1
5°	1281.5	1290.8	*1293.2*	1288.5	1263.2	1244.5	1194.5	1183.7
7.5°	1458.3	1477.0	*1477.0*	1465.7	1424.6	1386.2	1313.7	1286.6
10°	1599.5	1621.0	*1616.3*	1593.4	1541.5	1488.7	1400.7	1365.2
12.5°	1668.3	1690.2	*1678.1*	1651.9	1601.4	1545.7	1453.1	1412.9
15°	1666.9	1660.8	*1648.1*	1644.9	1620.5	1578.5	1491.9	1448.0
17.5°	1607.5	1556.0	*1546.2*	1578.9	1609.8	1599.5	1525.6	1484.5
20°	1513.4	1423.7	*1414.8*	1477.4	1565.4	1610.3	1556.9	1519.1
22.5°	1414.3	1317.5	*1296.9*	1366.1	1498.5	1613.5	1596.7	1558.8
25°	1320.3	1223.0	*1202.4*	1267.0	1424.1	1607.9	1639.7	1607.5
27.5°	1241.7	1147.7	*1128.5*	1193.1	1352.6	1592.0	1682.8	1659.8
30°	1180.9	1093.9	*1079.9*	1142.1	1290.8	1572.4	1737.5	1724.8
32.5°	1145.4	1081.8	*1086.9*	1137.9	1257.6	1550.9	1789.9	1795.9
35°	1180.5	1183.3	*1228.2*	1249.2	1288.5	1547.6	1860.9	1884.8
37.5°	1354.9	1452.2	*1545.3*	1527.9	1439.6	1585.5	1967.1	2011.5
40°	1651.9	1851.6	*2002.7*	1936.7	1714.1	1701.5	2120.0	2186.5
42.5°	2014.8	2353.4	*2602.2*	2425.4	2068.1	1904.4	2338.5	2423.1
45°	2397.9	2972.2	*3364.1*	2996.5	2445.6	2188.8	2669.1	2735.5
47.5°	2801.5	3724.2	*4231.2*	3629.8	2795.4	2512.4	3120.0	3135.4
50°	3243.0	4548.8	*5115.1*	4262.5	3133.1	2883.3	3670.9	3653.1
52.5°	3663.4	5396.7	*5980.4*	4898.1	3429.6	3343.5	4310.2	4273.8
55°	4064.7	6244.1	*6850.7*	5508.9	3709.3	3951.5	5069.8	4849.0
57.5°	4530.1	7006.0	*7747.8*	6122.5	4100.2	4741.0	5919.1	5183.0
60°	5218.0	7871.7	*8762.2*	6963.5	4843.9	5570.7	6223.6	5119.3
62.5°	6096.4	8667.7	*9499.7*	7787.5	5590.8	5726.9	5775.1	4629.2
65°	*6267.1*	*8869.3*	*9541.4*	*8007.8*	*5494.4*	*4857.9*	*4714.8*	*3721.0*
67.5°	5814.3	8505.0	*8959.6*	7597.6	4860.2	3754.2	3538.1	2699.5
70°	5306.4	7810.4	*7945.6*	6900.3	4274.7	2761.2	2389.4	1732.3
72.5°	4785.9	6883.9	*6604.3*	5992.5	3757.0	2010.6	1723.4	1231.4
75°	4167.6	5665.6	*5202.1*	4979.0	3110.6	1578.0	1246.9	849.8
77.5°	3337.4	3988.0	*3864.1*	3859.4	2337.5	1152.9	832.0	532.7
80°	2354.4	2588.2	*2525.1*	2906.7	1568.2	836.2	500.9	296.5
82.5°	1139.8	1431.1	*1469.0*	1730.9	762.8	492.0	115.5	64.5
85°	446.2	690.3	*582.3*	657.1	214.2	137.0	2.8	0.0
87.5°	50.0	80.0	*73.4*	58.0	26.2	5.6	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)