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: P1203092

Luminaire Tested: GWC-SB2B-827-U-SLL-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1203092
	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-827-U-SLL-HSS
Description:	GALLEON WALL LUMINAIRE
	(2) 80 CRI, 2700K, 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:	7472 lumens
Efficiency:	N/A
Efficacy:	101.1 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G2

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

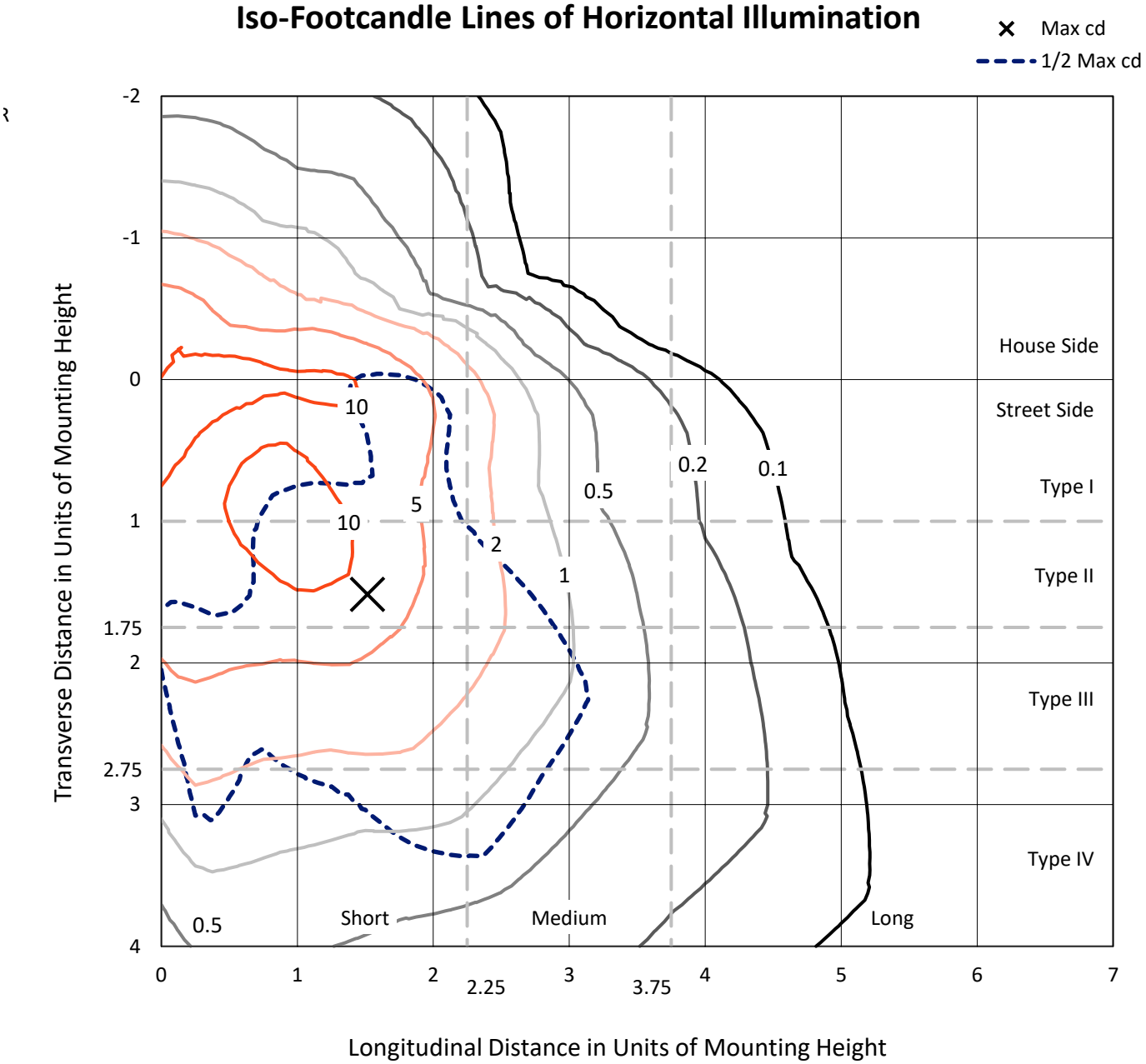


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Iso-Footcandle Lines of Horizontal Illumination



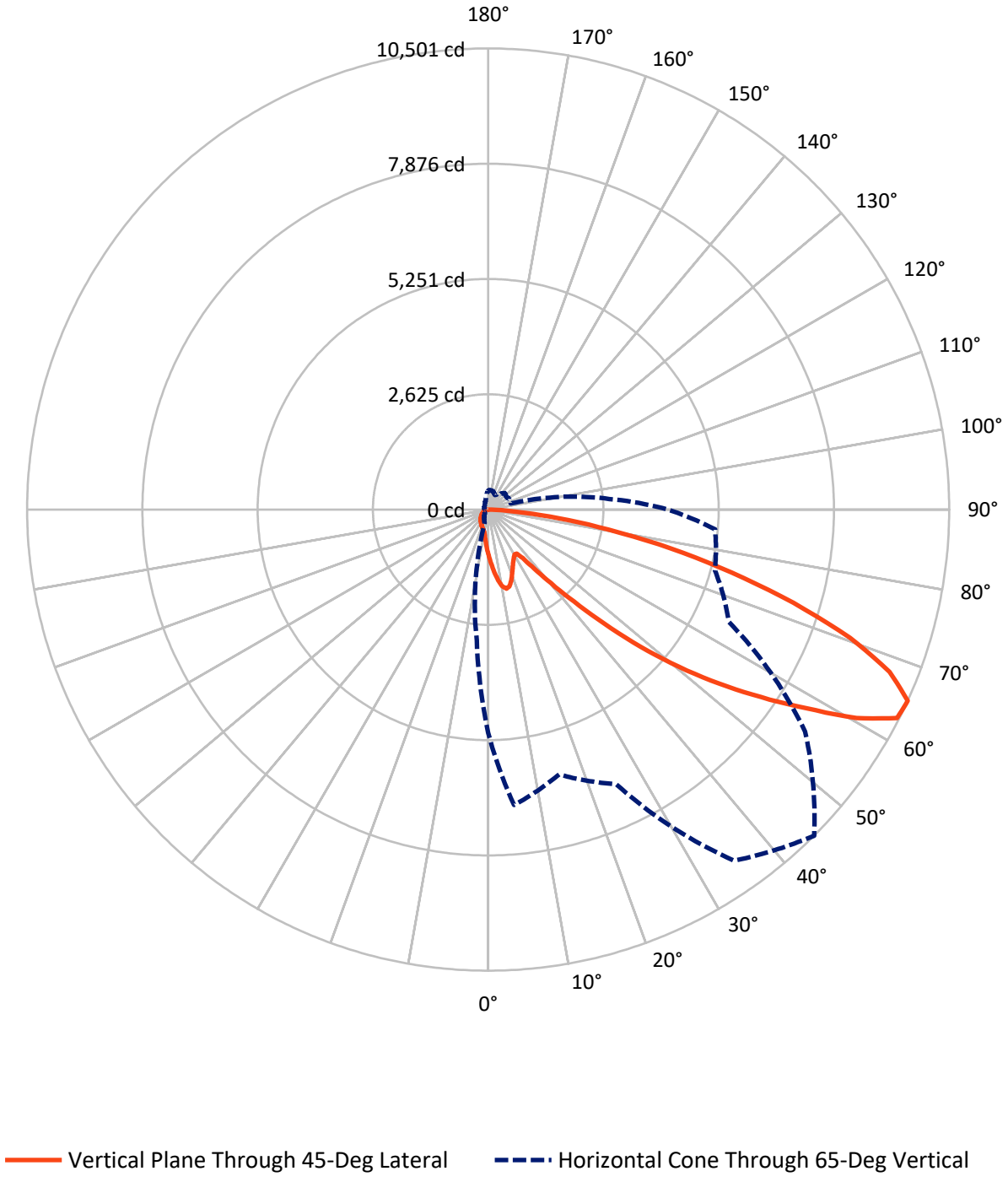
Based on 10 foot mounting height. Maximum calculated value = 17 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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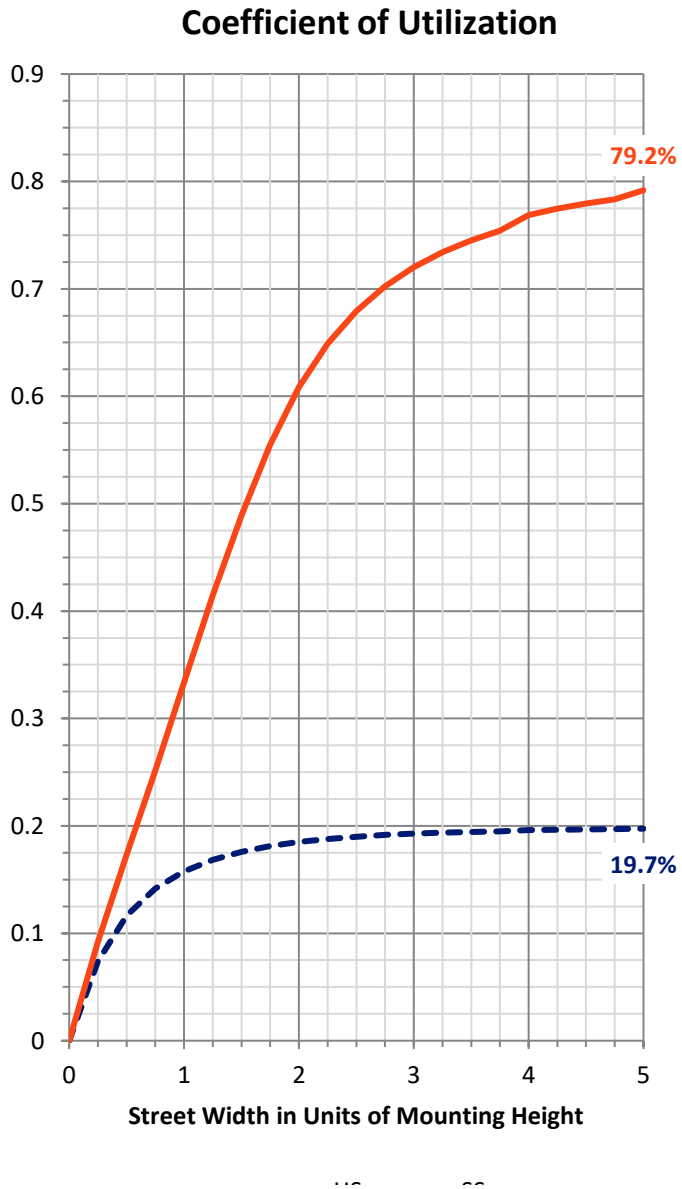
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1485.2	0.0	1485.2
	% Fixture	19.9	0.0	19.9
Street Side	Lumens	5986.8	0.0	5986.8
	% Fixture	80.1	0.0	80.1
Total	Lumens	7472.0	0.0	7472.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	101.9	1.4
10°-20°	305.4	4.1
20°-30°	449.9	6.0
30°-40°	577.9	7.7
40°-50°	934.7	12.5
50°-60°	1639.1	21.9
60°-70°	2050.9	27.4
70°-80°	1198.5	16.0
80°-90°	213.8	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°	7472.0	100.0
0°-180°	7472.0	100.0



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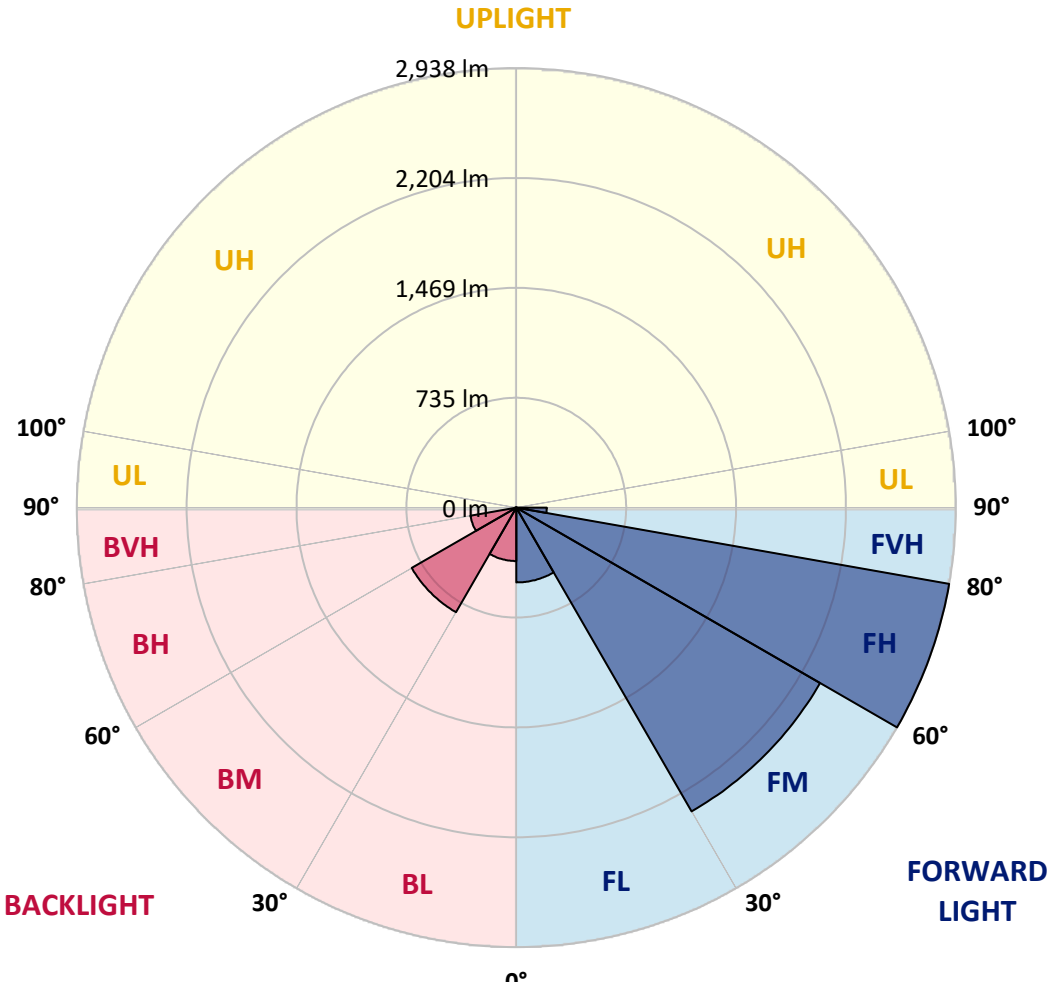
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	500.0	6.7			
FM	(30°-60°)	2344.8	31.4			
FH	(60°-80°)	2938.2	39.3			G2/5000
FVH	(80°-90°)	203.8	2.7			G2/225
BL	(0°-30°)	357.1	4.8	B1/500		
BM	(30°-60°)	806.9	10.8	B1/1000		
BH	(60°-80°)	311.2	4.2	B1/500		G1/500
BVH	(80°-90°)	10.0	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-G2
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	1034.6	1034.6	1034.6	1034.6	1034.6	*1034.6*	1034.6	1034.6	1034.6	1034.6	1034.6
2.5°	1159.2	1168.0	1187.5	1197.8	1213.8	*1214.8*	1214.8	1200.9	1200.4	1172.1	1169.0
5°	1295.6	1316.2	1362.5	1410.4	1420.7	*1423.3*	1418.1	1390.3	1369.7	1314.7	1302.8
7.5°	1431.0	1470.6	1541.1	1605.0	1625.6	*1625.6*	1613.2	1567.9	1525.7	1445.9	1416.1
10°	1543.2	1593.1	1688.9	1760.4	1784.1	*1779.0*	1753.7	1696.6	1638.4	1541.7	1502.5
12.5°	1617.3	1673.4	1778.4	1836.1	1860.3	*1846.9*	1818.1	1762.5	1701.2	1599.3	1555.0
15°	1654.4	1713.1	1804.2	1834.5	1827.9	*1814.0*	1810.4	1783.6	1737.3	1642.0	1593.6
17.5°	1670.3	1724.9	1788.2	1769.2	1712.5	*1701.7*	1737.8	1771.7	1760.4	1679.1	1633.8
20°	1685.3	1731.1	1750.1	1665.7	1566.9	*1557.1*	1626.1	1722.8	1772.3	1713.6	1671.9
22.5°	1705.9	1734.2	1695.0	1556.6	1450.0	*1427.4*	1503.6	1649.2	1775.9	1757.3	1715.6
25°	1734.2	1741.9	1634.3	1453.1	1346.1	*1323.4*	1394.4	1567.4	1769.7	1804.7	1769.2
27.5°	1768.1	1752.2	1576.1	1366.6	1263.2	*1242.1*	1313.1	1488.6	1752.2	1852.0	1826.8
30°	1812.4	1765.6	1518.5	1299.7	1204.0	*1188.5*	1257.0	1420.7	1730.6	1912.3	1898.4
32.5°	1857.2	1771.2	1465.0	1260.6	1190.6	*1196.3*	1252.4	1384.1	1706.9	1969.9	1976.6
35°	1905.6	1789.2	1438.7	1299.2	1302.3	*1351.7*	1374.9	1418.1	1703.3	2048.2	2074.4
37.5°	1971.5	1829.4	1470.1	1491.2	1598.3	*1700.7*	1681.7	1584.4	1745.0	2165.0	2213.9
40°	2066.2	1899.9	1607.0	1818.1	2037.9	*2204.1*	2131.5	1886.5	1872.6	2333.3	2406.4
42.5°	2204.1	2012.1	1850.0	2217.5	2590.2	*2864.0*	2669.5	2276.2	2096.0	2573.7	2666.9
45°	2408.0	2193.8	2143.9	2639.1	3271.2	*3702.5*	3298.0	2691.6	2409.0	2937.6	3010.7
47.5°	2690.6	2461.0	2419.3	3083.3	4098.9	*4656.9*	3994.9	3076.6	2765.2	3433.8	3450.8
50°	3065.8	2820.8	2680.3	3569.2	5006.4	*5629.7*	4691.4	3448.3	3173.4	4040.2	4020.7
52.5°	3561.0	3322.7	2984.5	4032.0	5939.6	*6582.0*	5390.9	3774.6	3679.9	4743.9	4703.7
55°	4236.3	4077.8	3400.4	4473.6	6872.3	*7540.0*	6063.2	4082.4	4349.1	5579.8	5336.9
57.5°	5074.3	5187.6	4000.1	4985.8	7710.8	*8527.2*	6738.5	4512.7	5217.9	6514.6	5704.4
60°	5614.8	6663.3	5148.5	5743.0	8663.6	*9643.7*	7664.0	5331.2	6131.1	6849.7	5634.4
62.5°	5484.1	7132.8	6523.8	6709.7	9539.7	*10455.5*	8571.0	6153.2	6303.0	6356.0	5094.9
65°	*5083.1*	*6753.9*	*6243.3*	*6897.6*	*9761.6*	*10501.3*	*8813.4*	*6047.2*	*5346.6*	*5189.1*	*4095.3*
67.5°	4531.3	6304.6	5576.7	6399.3	9360.6	*9860.9*	8362.0	5349.2	4131.8	3894.0	2971.1
70°	3935.7	5807.3	5139.2	5840.3	8596.2	*8745.0*	7594.5	4704.7	3039.0	2629.8	1906.6
72.5°	3370.5	5289.5	4839.6	5267.4	7576.5	*7268.7*	6595.4	4134.9	2212.9	1896.8	1355.3
75°	2792.5	4525.6	4412.9	4586.9	6235.6	*5725.5*	5480.0	3423.6	1736.7	1372.3	935.3
77.5°	2154.7	3536.3	3795.7	3673.2	4389.2	*4252.8*	4247.7	2572.7	1268.8	915.7	586.3
80°	1474.7	2464.6	2965.4	2591.2	2848.6	*2779.1*	3199.1	1725.9	920.4	551.3	326.3
82.5°	866.8	1500.5	2064.1	1254.4	1575.1	*1616.8*	1905.1	839.5	541.5	127.1	71.0
85°	351.6	592.5	807.1	491.1	759.8	*640.9*	723.2	235.8	150.8	3.1	0.0
87.5°	88.5	189.4	132.8	55.1	88.0	*80.8*	63.8	28.8	6.2	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):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°	185°
0°	1034.6	1034.6	1034.6	1034.6	1034.6	1034.6	1034.6	1034.6	1034.6	1034.6	1034.6
2.5°	1148.9	1137.1	1107.7	1078.4	1054.7	1022.8	1001.7	976.5	952.3	930.7	926.5
5°	1270.4	1231.3	1177.7	1128.8	1078.9	1030.5	982.6	932.2	885.9	857.6	839.5
7.5°	1369.2	1300.2	1229.2	1166.9	1106.7	1050.1	986.8	925.5	852.9	814.3	779.3
10°	1442.8	1352.2	1259.1	1187.5	1126.8	1071.7	1018.2	956.4	868.9	820.5	768.0
12.5°	1491.2	1383.6	1274.5	1192.7	1124.7	1082.0	1058.3	1034.1	947.1	890.5	814.3
15°	1524.7	1405.8	1285.3	1180.8	1097.4	1066.0	1089.7	1117.5	1061.9	996.5	897.2
17.5°	1561.2	1434.6	1289.9	1148.9	1044.4	1031.0	1092.3	1156.6	1154.1	1089.2	991.9
20°	1599.8	1459.8	1286.9	1097.4	980.1	991.9	1070.2	1144.8	1176.2	1141.2	1054.7
22.5°	1639.5	1484.0	1275.0	1030.5	919.8	956.9	1035.1	1100.5	1137.6	1126.8	1060.9
25°	1689.4	1518.0	1257.5	958.5	869.9	921.4	994.5	1047.5	1073.2	1072.7	1027.4
27.5°	1749.1	1563.3	1248.3	900.3	834.4	881.2	946.1	993.5	1011.5	1011.5	975.4
30°	1818.6	1616.8	1238.0	862.2	813.8	839.5	890.0	936.3	954.3	954.3	924.0
32.5°	1895.8	1668.3	1213.2	839.0	798.4	798.9	830.8	873.0	894.6	897.7	876.1
35°	1988.5	1723.4	1159.2	820.5	780.3	759.2	774.7	809.7	835.4	842.1	828.7
37.5°	2109.9	1790.8	1082.0	793.2	752.6	717.6	721.2	747.9	776.2	786.5	777.8
40°	2273.1	1870.1	1001.7	754.1	713.4	671.7	670.2	689.8	717.6	728.9	724.2
42.5°	2488.8	1965.3	925.0	716.5	666.1	623.4	620.8	636.2	660.4	672.3	670.2
45°	2764.7	2082.1	859.1	687.2	619.8	577.5	576.5	589.4	610.5	622.8	620.3
47.5°	3148.2	2199.0	814.3	671.7	583.2	540.0	542.0	553.3	572.4	581.1	577.5
50°	3648.0	2234.5	791.7	671.7	563.6	506.5	516.8	526.1	540.5	545.6	541.0
52.5°	4127.7	2117.1	771.1	675.9	566.2	478.2	500.3	507.0	519.4	521.4	514.7
55°	4363.0	1820.1	742.8	676.9	582.2	454.0	486.9	499.3	503.9	503.4	492.1
57.5°	4282.1	1471.6	694.9	672.8	593.0	438.6	470.5	494.2	497.2	492.6	471.5
60°	3998.5	1083.5	658.4	642.4	588.9	433.9	445.3	482.8	487.5	481.3	446.8
62.5°	3522.9	752.0	630.0	575.5	570.8	432.4	405.6	458.1	469.4	460.7	410.2
65°	*2773.4*	*531.2*	*542.5*	*504.4*	*531.7*	*424.1*	*364.4*	*428.3*	*443.7*	*430.3*	*359.3*
67.5°	1876.8	383.5	439.6	457.1	468.4	405.6	334.6	394.3	414.9	397.4	300.1
70°	1013.5	269.2	290.3	385.0	397.9	373.7	307.8	359.8	383.5	364.4	244.5
72.5°	598.6	193.5	203.3	309.4	331.5	328.9	278.0	319.7	348.5	325.8	198.7
75°	330.0	130.7	145.2	224.4	269.2	253.8	238.8	270.8	300.1	278.0	153.4
77.5°	147.7	78.2	100.9	147.2	211.6	174.0	184.8	211.0	238.3	215.2	102.4
80°	57.1	43.8	66.9	80.3	153.9	96.3	118.9	155.5	175.0	156.5	62.3
82.5°	7.2	19.6	28.8	31.4	89.6	51.0	69.0	97.8	96.3	83.4	31.4
85°	0.0	3.6	4.1	2.1	38.6	18.5	22.6	31.9	29.9	22.6	2.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	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°	1034.6	1034.6	1034.6	1034.6	1034.6	1034.6	1034.6	1034.6	1034.6	1034.6	1034.6
2.5°	901.3	882.8	873.5	865.8	873.0	877.1	877.1	894.6	904.9	909.0	937.9
5°	794.2	759.8	736.6	722.7	727.3	732.5	738.1	760.3	775.2	785.0	829.8
7.5°	709.8	657.3	624.9	607.9	610.5	614.1	618.7	640.3	655.3	668.1	718.1
10°	668.1	594.0	551.3	530.7	527.1	525.0	523.5	536.4	547.7	558.0	607.4
12.5°	670.2	566.7	514.7	489.5	478.7	466.4	456.6	458.6	465.8	478.7	510.1
15°	696.4	558.0	495.7	464.3	446.3	431.9	420.0	417.5	420.0	422.1	441.6
17.5°	732.0	557.0	479.2	440.1	421.6	409.7	398.9	395.3	395.8	398.4	403.6
20°	760.3	553.9	460.7	416.9	400.5	390.2	379.4	375.8	376.8	377.3	383.0
22.5°	775.2	549.2	440.1	393.8	379.9	369.6	359.8	359.3	359.3	362.4	366.5
25°	775.2	539.5	421.6	371.6	359.3	350.0	338.2	340.2	341.3	345.4	351.6
27.5°	756.7	520.9	406.6	352.6	339.7	330.5	319.7	322.2	323.8	328.4	336.1
30°	733.0	498.8	389.7	334.6	319.7	313.0	303.7	304.7	306.8	311.9	320.7
32.5°	707.8	472.5	375.8	316.6	301.6	296.5	286.2	287.7	289.8	295.5	305.2
35°	680.0	441.6	359.3	300.1	285.2	281.0	269.2	270.2	273.3	279.5	289.3
37.5°	650.6	416.4	342.8	284.1	268.7	264.6	252.2	253.3	256.9	264.1	273.3
40°	621.8	391.7	325.3	267.2	251.7	248.1	234.7	235.8	239.9	247.6	257.4
42.5°	590.4	372.7	302.7	249.7	233.2	229.6	217.2	218.8	223.4	231.1	240.9
45°	552.8	360.3	277.4	233.2	214.6	211.0	199.7	202.8	208.0	215.7	226.0
47.5°	514.2	355.2	256.3	215.7	195.6	192.5	183.2	188.4	194.1	200.2	211.6
50°	477.2	348.5	234.7	199.2	179.1	176.0	169.9	176.6	182.2	187.9	198.7
52.5°	435.0	334.1	215.2	184.8	165.2	164.2	161.1	167.3	172.4	177.6	186.9
55°	391.2	310.9	198.2	171.9	153.4	154.4	152.9	158.0	162.1	166.8	175.0
57.5°	353.1	281.6	184.8	158.0	143.1	146.2	144.1	146.7	149.3	154.9	161.6
60°	314.5	246.6	169.9	141.6	132.8	136.4	130.7	130.2	131.3	132.8	145.2
62.5°	262.5	210.0	151.3	127.1	121.5	123.0	112.2	104.0	104.0	105.5	124.1
65°	*211.0*	*176.0*	*130.7*	*110.7*	*106.0*	*105.0*	*89.6*	*78.2*	*77.2*	*81.8*	*97.8*
67.5°	173.5	146.2	110.2	92.1	89.1	90.1	78.8	67.4	66.4	71.5	83.4
70°	143.6	117.9	88.0	71.0	74.1	78.8	67.4	56.6	55.1	59.7	71.0
72.5°	114.3	92.1	67.4	52.5	61.3	66.9	55.1	44.8	43.8	47.9	58.7
75°	83.9	65.9	45.8	38.1	47.4	52.5	40.1	31.9	30.4	34.0	44.8
77.5°	52.0	37.1	28.8	22.6	32.4	35.0	21.1	18.5	18.0	20.6	28.3
80°	24.2	16.0	13.9	7.7	11.8	13.9	8.8	9.8	10.3	12.4	17.5
82.5°	6.7	2.6	0.5	0.0	0.0	4.1	2.1	4.1	5.1	7.7	11.3
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.6	4.6	8.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	4.1
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: P1203092
CATALOG NUMBER: GWC-SB2B-827-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	295°	305°	315°	325°	335°	345°	355°	360°
0°	1034.6	1034.6	1034.6	1034.6	1034.6	1034.6	1034.6	1034.6
2.5°	959.5	980.1	1013.0	1047.0	1080.4	1114.4	1147.4	1159.2
5°	870.4	917.8	983.2	1053.2	1125.2	1198.3	1265.2	1295.6
7.5°	771.1	839.0	937.3	1047.0	1161.8	1276.6	1382.1	1431.0
10°	665.0	751.0	863.2	1011.5	1176.2	1334.7	1479.9	1543.2
12.5°	564.2	654.2	778.3	955.9	1164.9	1368.2	1542.7	1617.3
15°	479.7	559.5	693.4	890.0	1128.3	1370.2	1572.5	1654.4
17.5°	416.4	468.4	606.9	816.9	1080.4	1351.2	1582.8	1670.3
20°	385.0	399.4	494.7	723.2	1035.7	1333.2	1593.1	1685.3
22.5°	366.5	370.1	404.6	602.2	982.1	1327.5	1611.1	1705.9
25°	351.6	352.6	361.9	477.2	900.3	1323.9	1638.9	1734.2
27.5°	336.6	336.6	341.8	384.5	789.1	1308.5	1675.0	1768.1
30°	321.7	321.7	325.3	340.2	658.9	1278.1	1718.2	1812.4
32.5°	306.3	306.3	309.4	320.2	526.1	1240.0	1757.8	1857.2
35°	290.8	289.8	293.9	305.2	418.5	1191.6	1797.5	1905.6
37.5°	274.4	273.8	278.0	290.8	361.3	1135.5	1827.3	1971.5
40°	256.9	256.9	261.5	275.4	344.9	1065.0	1874.7	2066.2
42.5°	240.9	239.9	245.0	262.0	332.5	997.6	1959.6	2204.1
45°	225.5	223.4	228.0	249.1	310.9	973.9	2118.2	2408.0
47.5°	211.0	205.9	210.0	233.7	291.3	1062.4	2377.6	2690.6
50°	199.2	189.4	193.0	218.3	276.4	1254.4	2714.2	3065.8
52.5°	186.9	174.0	176.0	199.2	263.0	1437.2	3079.2	3561.0
55°	174.0	159.6	160.6	180.2	244.0	1464.4	3435.4	4236.3
57.5°	159.6	146.2	146.2	162.7	230.1	1269.4	3709.2	5074.3
60°	143.6	134.9	132.3	148.8	242.4	895.7	3741.2	5614.8
62.5°	126.1	121.5	117.9	135.4	251.7	530.7	3484.3	5484.1
65°	*106.0*	*105.0*	*102.4*	*148.8*	*212.1*	*313.5*	*2991.2*	*5083.1*
67.5°	89.1	87.5	87.5	156.0	161.1	197.1	2336.9	4531.3
70°	76.7	71.0	71.0	117.9	97.8	136.4	1631.7	3935.7
72.5°	64.3	58.2	54.0	94.2	73.1	99.9	1019.7	3370.5
75°	51.5	46.8	41.7	62.3	54.6	75.7	592.5	2792.5
77.5°	37.1	35.0	29.3	45.8	39.6	54.6	352.6	2154.7
80°	19.0	19.6	18.5	26.3	26.8	37.1	200.7	1474.7
82.5°	11.3	8.8	9.8	12.9	15.4	21.1	75.7	866.8
85°	7.2	4.6	4.6	6.2	7.7	8.2	23.2	351.6
87.5°	3.6	1.5	2.1	3.1	2.6	2.1	1.0	88.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0


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(END OF REPORT)