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: P1202258

Luminaire Tested: GWC-SB1D-735-U-SLR-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1202258
	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-735-U-SLR-HSS
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 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:	7808 lumens
Efficiency:	N/A
Efficacy:	98.1 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

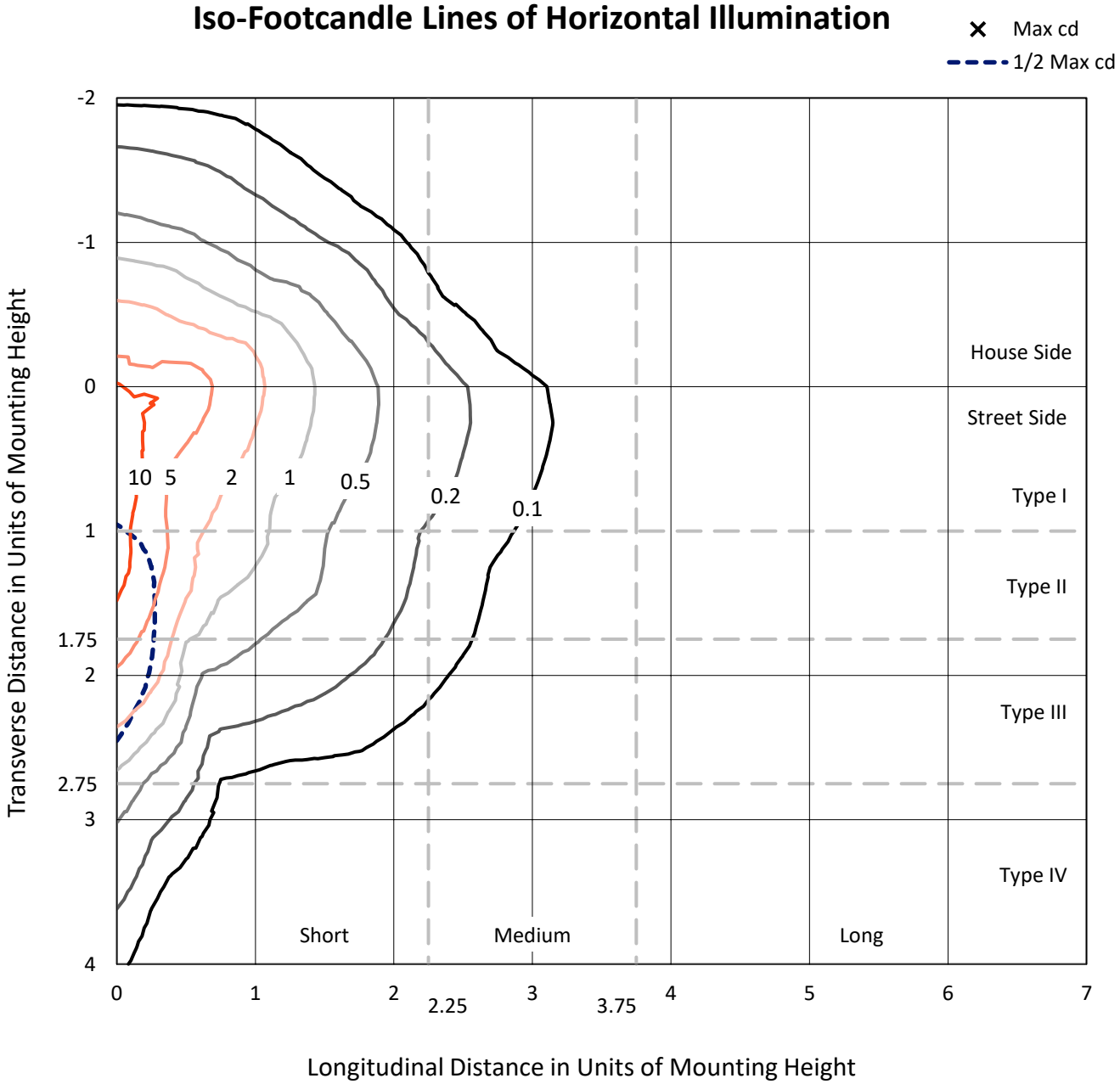


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Iso-Footcandle Lines of Horizontal Illumination



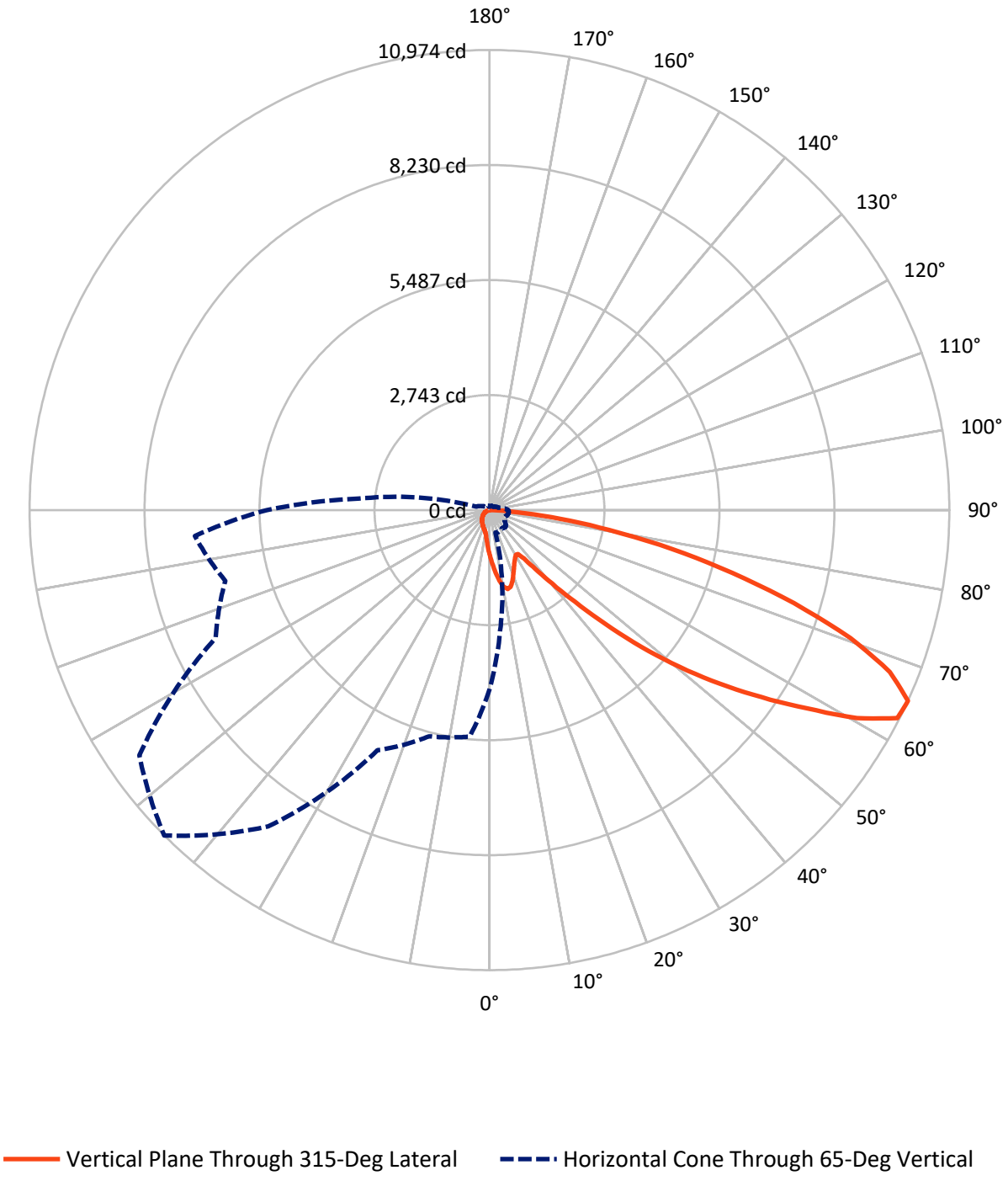
Based on 10 foot mounting height. Maximum calculated value = 15.1 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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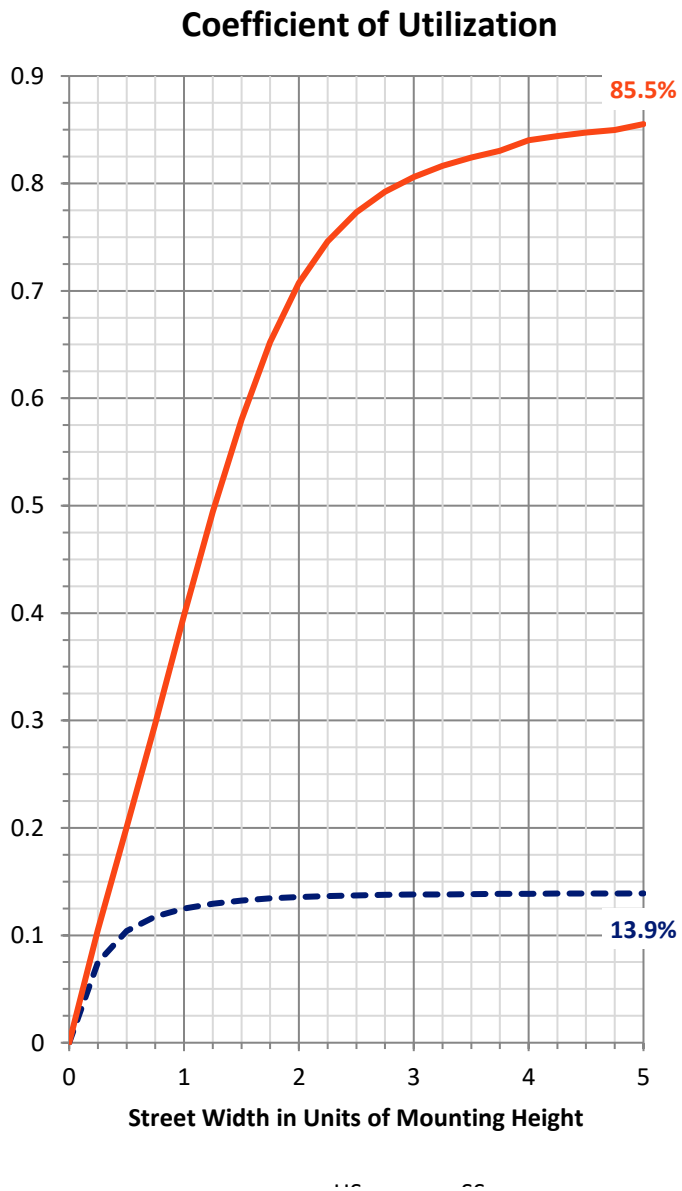
REPORT NUMBER: P1202258
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1093.5	0.0	1093.5
	% Fixture	14.0	0.0	14.0
Street Side	Lumens	6714.5	0.0	6714.5
	% Fixture	86.0	0.0	86.0
Total	Lumens	7808.0	0.0	7808.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	106.4	1.4
10°-20°	319.1	4.1
20°-30°	470.1	6.0
30°-40°	603.9	7.7
40°-50°	976.7	12.5
50°-60°	1712.8	21.9
60°-70°	2143.2	27.4
70°-80°	1252.4	16.0
80°-90°	223.4	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°	7808.0	100.0
0°-180°	7808.0	100.0



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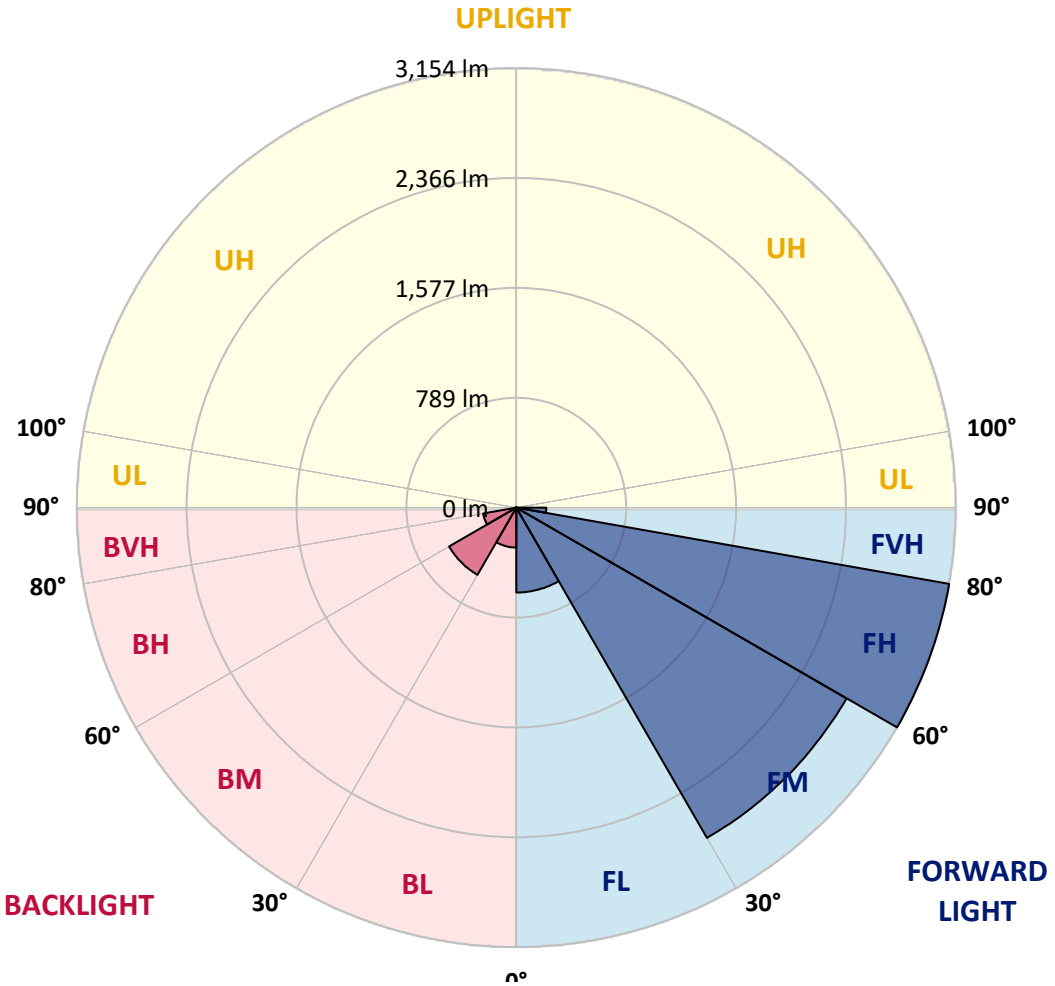
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	609.0	7.8			
FM	(30°-60°)	2736.6	35.0			
FH	(60°-80°)	3154.1	40.4			G2/5000
FVH	(80°-90°)	214.9	2.8			G2/225
BL	(0°-30°)	286.6	3.7	B1/500		
BM	(30°-60°)	556.8	7.1	B1/1000		
BH	(60°-80°)	241.4	3.1	B1/500		G1/500
BVH	(80°-90°)	8.6	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°	1081.2	1081.2	1081.2	1081.2	1081.2	1081.2	1081.2	1081.2	1081.2	1081.2	1081.2
2.5°	1221.5	1200.6	1188.2	1157.5	1126.9	1102.1	1068.8	1046.7	1020.4	995.1	972.5
5°	1361.4	1327.5	1286.6	1230.7	1179.6	1127.4	1076.9	1026.8	974.1	925.7	896.1
7.5°	1479.7	1430.8	1358.7	1284.5	1219.4	1156.5	1097.3	1031.1	967.1	891.3	850.9
10°	1570.1	1507.7	1413.0	1315.7	1240.9	1177.4	1119.9	1063.9	999.4	908.0	857.4
12.5°	1625.0	1558.3	1445.8	1331.8	1246.3	1175.3	1130.6	1105.9	1080.6	989.7	930.5
15°	1665.3	1593.2	1469.0	1343.1	1233.9	1146.8	1114.0	1138.7	1167.8	1109.7	1041.4
17.5°	1707.3	1631.4	1499.1	1348.0	1200.6	1091.4	1077.4	1141.4	1208.6	1205.9	1138.2
20°	1747.1	1671.8	1525.5	1344.7	1146.8	1024.1	1036.5	1118.3	1196.3	1229.1	1192.5
22.5°	1792.8	1713.2	1550.7	1332.4	1076.9	961.2	999.9	1081.7	1150.0	1188.7	1177.4
25°	1848.7	1765.4	1586.2	1314.1	1001.6	909.0	962.8	1039.2	1094.6	1121.5	1121.0
27.5°	1909.0	1827.7	1633.6	1304.4	940.8	871.9	920.9	988.6	1038.1	1057.0	1057.0
30°	1983.7	1900.4	1689.5	1293.6	901.0	850.4	877.3	930.0	978.4	997.2	997.2
32.5°	2065.5	1981.0	1743.3	1267.8	876.8	834.3	834.8	868.2	912.3	934.9	938.1
35°	2167.7	2077.9	1800.9	1211.3	857.4	815.4	793.4	809.5	846.1	873.0	880.0
37.5°	2313.5	2204.8	1871.3	1130.6	828.9	786.4	749.8	753.6	781.6	811.1	821.9
40°	2514.6	2375.3	1954.2	1046.7	788.0	745.5	701.9	700.3	720.8	749.8	761.7
42.5°	2786.8	2600.7	2053.7	966.6	748.7	696.0	651.4	648.7	664.8	690.1	702.5
45°	3146.1	2889.0	2175.8	897.7	718.1	647.6	603.5	602.4	615.9	637.9	650.8
47.5°	3606.0	3289.7	2297.9	850.9	701.9	609.4	564.2	566.4	578.2	598.1	607.3
50°	4201.5	3812.0	2335.0	827.3	701.9	589.0	529.3	540.0	549.7	564.8	570.2
52.5°	4915.2	4313.3	2212.3	805.8	706.2	591.7	499.7	522.8	529.8	542.7	544.9
55°	5576.8	4559.2	1902.0	776.2	707.3	608.4	474.4	508.8	521.8	526.6	526.1
57.5°	5960.9	4474.7	1537.8	726.2	703.0	619.6	458.3	491.6	516.4	519.6	514.8
60°	5887.7	4178.3	1132.3	688.0	671.3	615.3	453.4	465.3	504.5	509.4	502.9
62.5°	5324.0	3681.3	785.9	658.4	601.4	596.5	451.8	423.9	478.7	490.6	481.4
65°	*4279.4*	*2898.1*	*555.1*	*566.9*	*527.1*	*555.6*	*443.2*	*380.8*	*447.5*	*463.7*	*449.7*
67.5°	3104.7	1961.1	400.7	459.4	477.6	489.5	423.9	349.6	412.0	433.5	415.3
70°	1992.3	1059.1	281.3	303.4	402.3	415.8	390.5	321.7	376.0	400.7	380.8
72.5°	1416.3	625.6	202.2	212.5	323.3	346.4	343.7	290.5	334.0	364.2	340.5
75°	977.3	344.8	136.6	151.7	234.5	281.3	265.2	249.6	282.9	313.6	290.5
77.5°	612.7	154.4	81.8	105.4	153.8	221.1	181.8	193.1	220.5	249.0	224.8
80°	341.0	59.7	45.7	69.9	83.9	160.8	100.6	124.3	162.4	182.9	163.5
82.5°	74.2	7.5	20.4	30.1	32.8	93.6	53.3	72.1	102.2	100.6	87.1
85°	0.0	0.0	3.8	4.3	2.2	40.3	19.4	23.7	33.3	31.2	23.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	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°	1081.2	1081.2	1081.2	1081.2	1081.2	1081.2	1081.2	1081.2	1081.2	1081.2	1081.2
2.5°	968.2	941.8	922.5	912.8	904.7	912.3	916.6	916.6	934.9	945.6	949.9
5°	877.3	830.0	793.9	769.7	755.2	760.0	765.4	771.3	794.5	810.1	820.3
7.5°	814.4	741.7	686.9	653.0	635.2	637.9	641.7	646.5	669.1	684.7	698.2
10°	802.5	698.2	620.7	576.1	554.6	550.8	548.6	547.0	560.5	572.3	583.1
12.5°	850.9	700.3	592.2	537.9	511.5	500.2	487.3	477.1	479.3	486.8	500.2
15°	937.5	727.8	583.1	518.0	485.2	466.4	451.3	438.9	436.2	438.9	441.1
17.5°	1036.5	764.9	582.0	500.8	459.9	440.5	428.2	416.9	413.1	413.6	416.3
20°	1102.1	794.5	578.8	481.4	435.7	418.5	407.7	396.4	392.7	393.7	394.3
22.5°	1108.6	810.1	573.9	459.9	411.5	397.0	386.2	376.0	375.4	375.4	378.7
25°	1073.6	810.1	563.7	440.5	388.4	375.4	365.8	353.4	355.5	356.6	360.9
27.5°	1019.3	790.7	544.3	424.9	368.5	355.0	345.3	334.0	336.7	338.3	343.2
30°	965.5	766.0	521.2	407.2	349.6	334.0	327.0	317.4	318.4	320.6	326.0
32.5°	915.5	739.6	493.8	392.7	330.8	315.2	309.8	299.1	300.7	302.8	308.7
35°	866.0	710.6	461.5	375.4	313.6	298.0	293.7	281.3	282.4	285.6	292.1
37.5°	812.8	679.9	435.2	358.2	296.9	280.8	276.5	263.6	264.6	268.4	275.9
40°	756.8	649.8	409.3	339.9	279.2	263.0	259.3	245.3	246.4	250.7	258.7
42.5°	700.3	617.0	389.4	316.3	260.9	243.7	239.9	227.0	228.6	233.4	241.5
45°	648.2	577.7	376.5	289.9	243.7	224.3	220.5	208.7	211.9	217.3	225.4
47.5°	603.5	537.4	371.1	267.9	225.4	204.4	201.2	191.5	196.9	202.8	209.2
50°	565.3	498.6	364.2	245.3	208.2	187.2	184.0	177.5	184.5	190.4	196.3
52.5°	537.9	454.5	349.1	224.8	193.1	172.7	171.6	168.4	174.8	180.2	185.6
55°	514.2	408.8	324.9	207.1	179.7	160.3	161.4	159.8	165.1	169.4	174.3
57.5°	492.7	369.0	294.2	193.1	165.1	149.5	152.8	150.6	153.3	156.0	161.9
60°	466.9	328.7	257.6	177.5	147.9	138.8	142.5	136.6	136.1	137.2	138.8
62.5°	428.7	274.3	219.5	158.1	132.9	126.9	128.6	117.3	108.7	108.7	110.3
65°	*375.4*	*220.5*	*184.0*	*136.6*	*115.6*	*110.8*	*109.7*	*93.6*	*81.8*	*80.7*	*85.5*
67.5°	313.6	181.3	152.8	115.1	96.3	93.1	94.1	82.3	70.5	69.4	74.8
70°	255.5	150.1	123.2	92.0	74.2	77.5	82.3	70.5	59.2	57.6	62.4
72.5°	207.6	119.4	96.3	70.5	54.9	64.0	69.9	57.6	46.8	45.7	50.0
75°	160.3	87.7	68.8	47.9	39.8	49.5	54.9	42.0	33.3	31.7	35.5
77.5°	107.0	54.3	38.7	30.1	23.7	33.9	36.6	22.1	19.4	18.8	21.5
80°	65.1	25.3	16.7	14.5	8.1	12.4	14.5	9.1	10.2	10.8	12.9
82.5°	32.8	7.0	2.7	0.5	0.0	0.0	4.3	2.2	4.3	5.4	8.1
85°	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	2.7	4.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2
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°	1081.2	1081.2	1081.2	1081.2	1081.2	1081.2	1081.2	1081.2	1081.2	1081.2	1081.2
2.5°	980.0	1002.6	1024.1	1058.6	1094.1	1129.0	1164.5	1199.0	1211.3	1220.5	1240.9
5°	867.1	909.6	959.1	1027.4	1100.5	1175.8	1252.2	1322.1	1353.9	1375.4	1423.8
7.5°	750.4	805.8	876.8	979.5	1094.1	1214.0	1334.0	1444.2	1495.3	1536.8	1610.4
10°	634.7	695.0	784.8	902.0	1057.0	1229.1	1394.7	1546.4	1612.6	1664.8	1764.8
12.5°	533.0	589.5	683.7	813.3	998.9	1217.2	1429.7	1612.1	1690.0	1748.7	1858.4
15°	461.5	501.3	584.7	724.5	930.0	1179.1	1431.9	1643.3	1728.8	1790.1	1885.3
17.5°	421.7	435.2	489.5	634.2	853.6	1129.0	1412.0	1654.0	1745.5	1802.5	1868.6
20°	400.2	402.3	417.4	516.9	755.7	1082.2	1393.1	1664.8	1761.1	1808.9	1828.8
22.5°	383.0	383.0	386.7	422.8	629.3	1026.3	1387.2	1683.6	1782.6	1812.2	1771.3
25°	367.4	367.4	368.5	378.1	498.6	940.8	1383.5	1712.6	1812.2	1820.2	1707.8
27.5°	351.2	351.8	351.8	357.2	401.8	824.6	1367.3	1750.3	1847.7	1831.0	1647.0
30°	335.1	336.2	336.2	339.9	355.5	688.5	1335.6	1795.5	1893.9	1845.0	1586.8
32.5°	319.0	320.0	320.0	323.3	334.6	549.7	1295.8	1836.9	1940.7	1850.9	1530.8
35°	302.3	303.9	302.8	307.1	319.0	437.3	1245.2	1878.3	1991.3	1869.7	1503.4
37.5°	285.6	286.7	286.2	290.5	303.9	377.6	1186.6	1909.5	2060.1	1911.7	1536.2
40°	268.9	268.4	268.4	273.2	287.8	360.4	1112.9	1959.0	2159.1	1985.4	1679.3
42.5°	251.7	251.7	250.7	256.0	273.8	347.5	1042.4	2047.7	2303.2	2102.6	1933.2
45°	236.1	235.6	233.4	238.3	260.3	324.9	1017.7	2213.4	2516.2	2292.5	2240.3
47.5°	221.1	220.5	215.2	219.5	244.2	304.4	1110.2	2484.5	2811.5	2571.7	2528.1
50°	207.6	208.2	197.9	201.7	228.1	288.8	1310.8	2836.3	3203.7	2947.6	2800.8
52.5°	195.3	195.3	181.8	184.0	208.2	274.9	1501.8	3217.7	3721.1	3472.1	3118.7
55°	182.9	181.8	166.7	167.8	188.3	255.0	1530.3	3589.9	4426.8	4261.2	3553.3
57.5°	168.9	166.7	152.8	152.8	170.0	240.4	1326.4	3876.0	5302.5	5420.9	4179.9
60°	151.7	150.1	140.9	138.2	155.5	253.3	935.9	3909.4	5867.3	6963.0	5380.0
62.5°	129.6	131.8	126.9	123.2	141.5	263.0	554.6	3641.0	5730.7	7453.5	6817.2
65°	*102.2*	*110.8*	*109.7*	*107.0*	*155.5*	*221.6*	*327.6*	*3125.7*	*5311.7*	*7057.6*	*6524.1*
67.5°	87.1	93.1	91.4	91.4	163.0	168.4	206.0	2442.0	4735.0	6588.1	5827.5
70°	74.2	80.1	74.2	74.2	123.2	102.2	142.5	1705.1	4112.7	6068.5	5370.3
72.5°	61.3	67.2	60.8	56.5	98.4	76.4	104.4	1065.6	3522.1	5527.4	5057.2
75°	46.8	53.8	48.9	43.6	65.1	57.0	79.1	619.1	2918.1	4729.1	4611.3
77.5°	29.6	38.7	36.6	30.7	47.9	41.4	57.0	368.5	2251.6	3695.3	3966.4
80°	18.3	19.9	20.4	19.4	27.4	28.0	38.7	209.8	1541.1	2575.4	3098.8
82.5°	11.8	11.8	9.1	10.2	13.4	16.1	22.1	79.1	905.8	1567.9	2156.9
85°	8.6	7.5	4.8	4.8	6.5	8.1	8.6	24.2	367.4	619.1	843.4
87.5°	4.3	3.8	1.6	2.2	3.2	2.7	2.2	1.1	92.5	197.9	138.8
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: P1202258
CATALOG NUMBER: GWC-SB1D-735-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	295°	305°	315°	325°	335°	345°	355°	360°
0°	1081.2	1081.2	*1081.2*	1081.2	1081.2	1081.2	1081.2	1081.2
2.5°	1251.7	1268.3	*1269.4*	1269.4	1254.9	1254.4	1224.8	1221.5
5°	1473.8	1484.6	*1487.3*	1481.9	1452.8	1431.3	1373.8	1361.4
7.5°	1677.1	1698.7	*1698.7*	1685.7	1638.4	1594.3	1510.9	1479.7
10°	1839.6	1864.3	*1858.9*	1832.6	1772.9	1712.1	1611.0	1570.1
12.5°	1918.7	1943.9	*1929.9*	1899.8	1841.7	1777.7	1671.2	1625.0
15°	1917.0	1910.0	*1895.5*	1891.8	1863.8	1815.4	1715.9	1665.3
17.5°	1848.7	1789.6	*1778.3*	1815.9	1851.4	1839.6	1754.6	1707.3
20°	1740.6	1637.3	*1627.1*	1699.2	1800.3	1852.0	1790.6	1747.1
22.5°	1626.6	1515.2	*1491.6*	1571.2	1723.4	1855.7	1836.4	1792.8
25°	1518.5	1406.6	*1382.9*	1457.1	1637.9	1849.3	1885.8	1848.7
27.5°	1428.1	1320.0	*1297.9*	1372.2	1555.6	1831.0	1935.3	1909.0
30°	1358.2	1258.1	*1242.0*	1313.5	1484.6	1808.4	1998.3	1983.7
32.5°	1317.3	1244.1	*1250.1*	1308.7	1446.4	1783.6	2058.5	2065.5
35°	1357.6	1360.9	*1412.5*	1436.7	1481.9	1779.9	2140.3	2167.7
37.5°	1558.3	1670.1	*1777.2*	1757.3	1655.6	1823.4	2262.4	2313.5
40°	1899.8	2129.5	*2303.2*	2227.4	1971.4	1956.8	2438.3	2514.6
42.5°	2317.2	2706.7	*2992.8*	2789.5	2378.5	2190.3	2689.4	2786.8
45°	2757.8	3418.3	*3869.0*	3446.3	2812.6	2517.3	3069.7	3146.1
47.5°	3222.0	4283.2	*4866.3*	4174.6	3215.0	2889.5	3588.3	3606.0
50°	3729.7	5231.5	*5882.9*	4902.3	3603.3	3316.1	4221.9	4201.5
52.5°	4213.3	6206.7	*6878.0*	5633.3	3944.3	3845.4	4957.2	4915.2
55°	4674.8	7181.4	*7879.0*	6335.8	4266.0	4544.6	5830.7	5576.8
57.5°	5210.0	8057.6	*8910.7*	7041.5	4715.7	5452.6	6807.5	5960.9
60°	6001.2	9053.2	*10077.4*	8008.6	5570.9	6406.8	7157.7	5887.7
62.5°	7011.4	9968.7	*10925.6*	8956.4	6429.9	6586.5	6641.9	5324.0
65°	*7207.7*	*10200.5*	*10973.5*	*9209.7*	*6319.1*	*5587.1*	*5422.5*	*4279.4*
67.5°	6687.0	9781.5	*10304.4*	8738.0	5589.7	4317.6	4069.1	3104.7
70°	6102.9	8982.8	*9138.2*	7936.0	4916.3	3175.7	2748.1	1992.3
72.5°	5504.2	7917.2	*7595.5*	6892.0	4320.9	2312.4	1982.1	1416.3
75°	4793.1	6516.0	*5982.9*	5726.4	3577.5	1814.8	1434.0	977.3
77.5°	3838.4	4586.6	*4444.0*	4438.7	2688.4	1325.9	956.9	612.7
80°	2707.7	2976.7	*2904.1*	3343.0	1803.5	961.7	576.1	341.0
82.5°	1310.8	1645.9	*1689.5*	1990.7	877.3	565.9	132.9	74.2
85°	513.1	793.9	*669.7*	755.7	246.4	157.6	3.2	0.0
87.5°	57.6	92.0	*84.4*	66.7	30.1	6.5	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)