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: P1199251

Luminaire Tested: GPC-SB2A-735-U-SLL

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1199251
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-8)
Test Lab:	INNOVATION CENTER
Issue Date:	3/13/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB2A-735-U-SLL
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(2) 70 CRI, 3500K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT ELIMINATOI LEFT OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	8937 lumens
Efficiency:	N/A
Efficacy:	156.0 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):	57.3
Input Voltage (V):	120.0
Input Current (Ain):	0.484
Voltage Rise (V):	NR
Power Factor:	0.994
Total Harmonic Distortion (THDi):	9.038
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

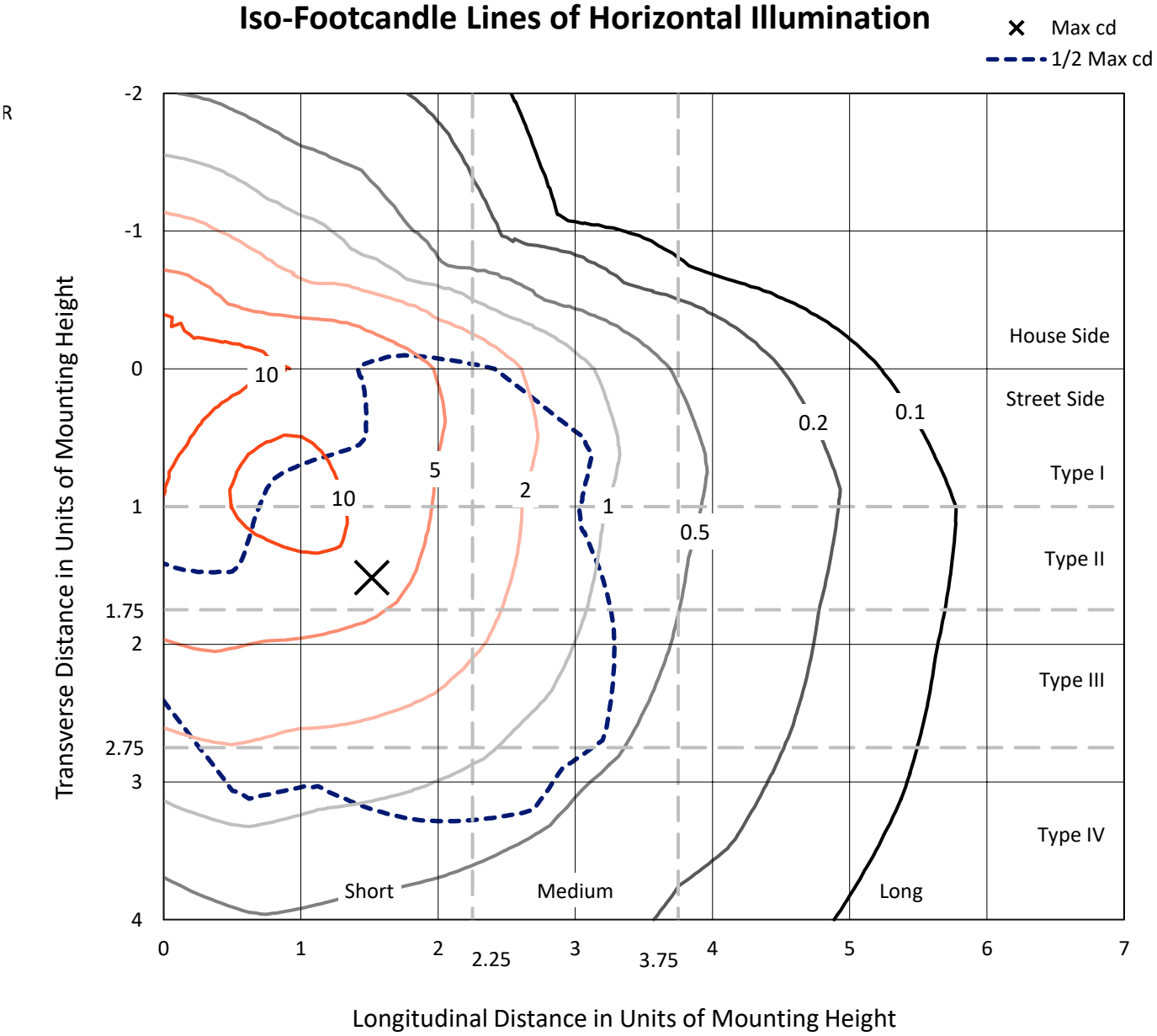


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Iso-Footcandle Lines of Horizontal Illumination



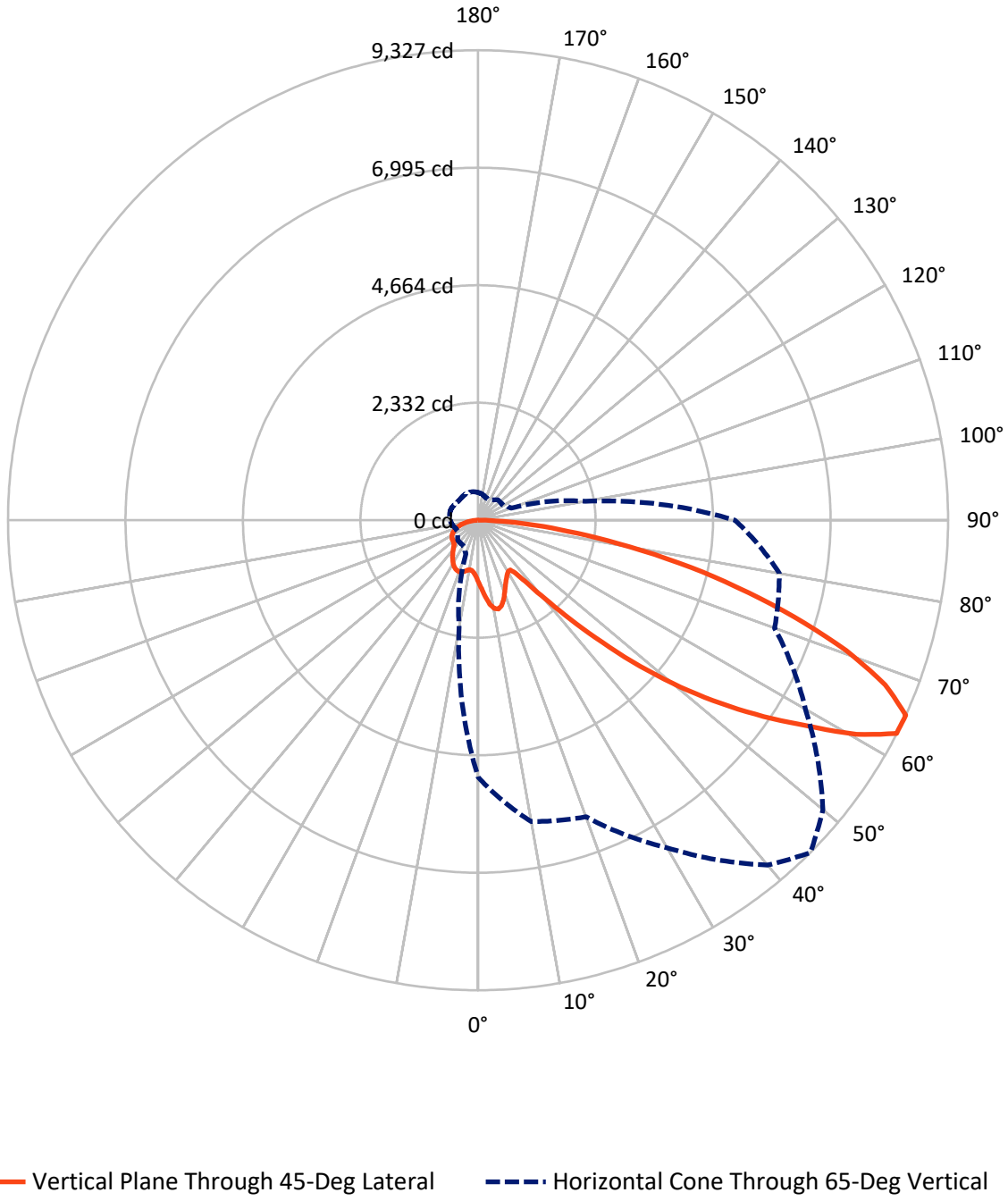
Based on 10 foot mounting height. Maximum calculated value = 17 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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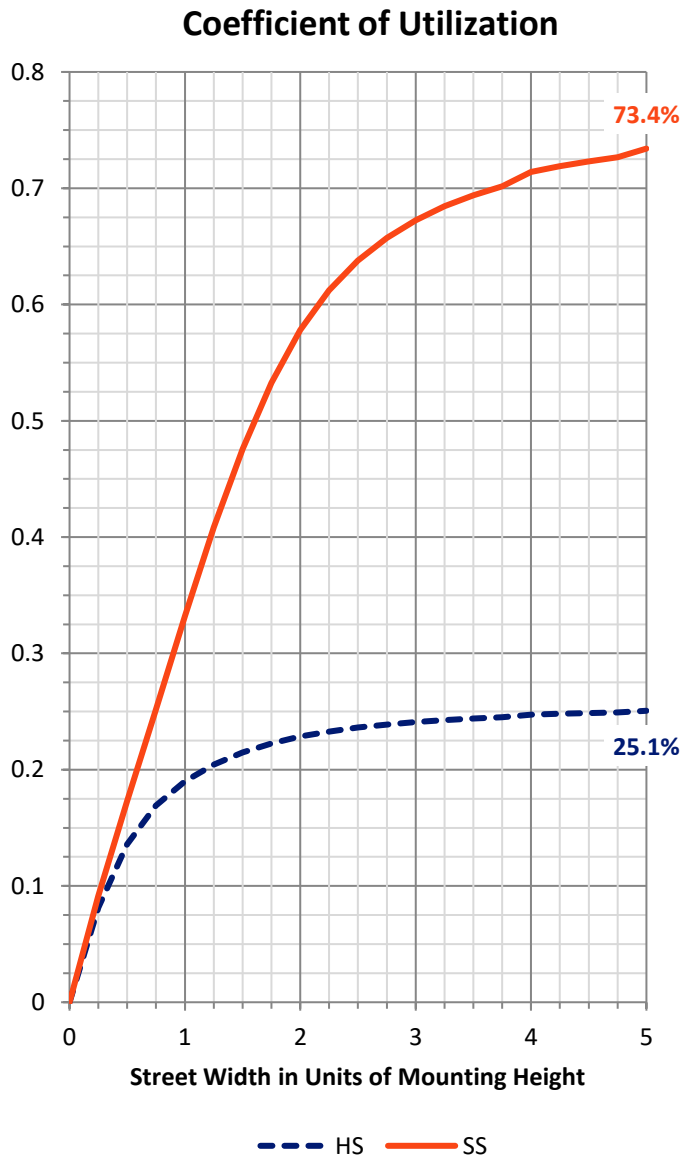
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2271.3	0.0	2271.3
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	6665.7	0.0	6665.7
	% Fixture	74.6	0.0	74.6
Total	Lumens	8937.0	0.0	8937.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	121.9	1.4
10°-20°	382.7	4.3
20°-30°	591.1	6.6
30°-40°	749.1	8.4
40°-50°	1129.8	12.6
50°-60°	1825.4	20.4
60°-70°	2275.7	25.5
70°-80°	1492.3	16.7
80°-90°	368.9	4.1
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°	8937.0	100.0
0°-180°	8937.0	100.0



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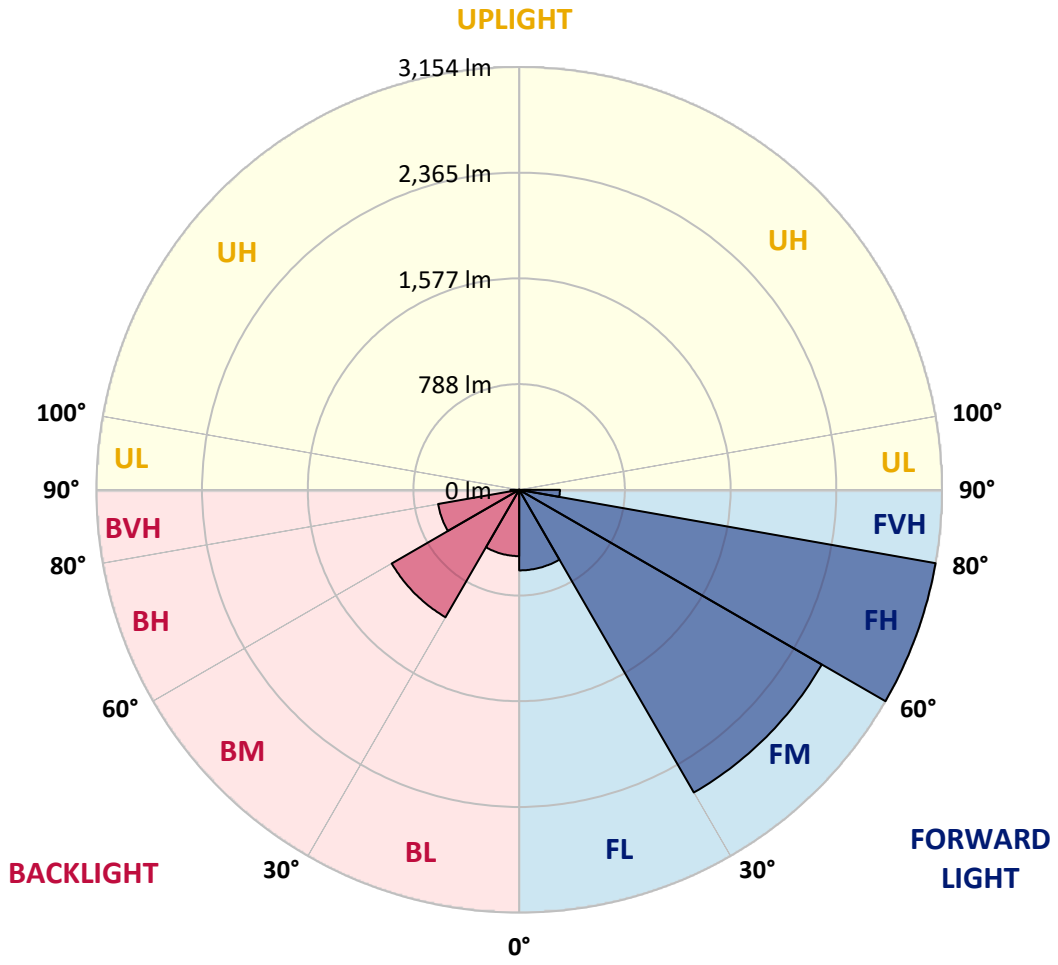
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	601.1	6.7			
FM	(30°-60°)	2606.7	29.2			
FH	(60°-80°)	3153.9	35.3			G2/5000
FVH	(80°-90°)	303.9	3.4			G3/500
BL	(0°-30°)	494.6	5.5	B1/500		
BM	(30°-60°)	1097.6	12.3	B2/2500		
BH	(60°-80°)	614.1	6.9	B2/1000		G2/1000
BVH	(80°-90°)	65.0	0.7			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°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9	*1228.9*	1228.9
2.5°	1321.6	1326.6	1331.6	1338.7	1345.9	1350.1	1354.4	1356.5	1358.6	*1357.7*	1358.6
5°	1421.1	1438.6	1456.1	1473.5	1490.9	1500.3	1509.7	1515.4	1521.2	*1525.5*	1521.2
7.5°	1521.1	1549.5	1578.0	1603.6	1629.2	1644.6	1660.0	1668.4	1676.7	*1680.7*	1676.7
10°	1597.7	1631.4	1665.0	1695.1	1725.1	1743.3	1761.4	1769.5	1777.6	*1780.7*	1777.6
12.5°	1644.6	1681.1	1717.6	1744.7	1771.8	1785.0	1798.2	1802.6	1807.1	*1807.5*	1807.1
15°	1673.1	1704.6	1736.1	1753.1	1770.2	1770.7	1771.1	1766.4	1761.7	*1756.1*	1761.7
17.5°	1689.2	1710.4	1731.7	1732.0	1732.3	1713.2	1694.1	1676.6	1659.1	*1646.7*	1659.1
20°	1706.9	1714.3	1721.7	1699.3	1676.9	1634.7	1592.6	1561.9	1531.2	*1512.3*	1531.2
22.5°	1727.4	1717.7	1707.9	1661.5	1615.1	1553.1	1491.1	1452.7	1414.3	*1393.5*	1414.3
25°	1753.8	1723.1	1692.5	1622.0	1551.6	1476.3	1400.9	1360.6	1320.3	*1300.6*	1320.3
27.5°	1789.6	1734.8	1680.0	1586.6	1493.4	1409.9	1326.4	1286.7	1247.1	*1228.4*	1247.1
30°	1837.9	1756.2	1674.5	1559.7	1444.8	1357.8	1270.9	1234.1	1197.2	*1179.9*	1197.2
32.5°	1895.0	1783.1	1671.2	1541.3	1411.3	1329.6	1247.9	1219.0	1190.0	*1177.5*	1190.0
35°	1964.3	1827.4	1690.5	1555.1	1419.7	1362.9	1306.2	1299.4	1292.7	*1291.6*	1292.7
37.5°	2081.0	1920.0	1758.9	1635.8	1512.7	1509.0	1505.3	1536.2	1567.0	*1583.1*	1567.0
40°	2257.4	2082.2	1907.0	1815.5	1724.0	1788.6	1853.2	1928.2	2003.1	*2040.5*	2003.1
42.5°	2491.3	2317.5	2143.7	2090.9	2038.2	2179.1	2320.0	2456.4	2592.8	*2672.9*	2592.8
45°	2780.1	2624.0	2467.8	2444.6	2421.3	2647.0	2872.8	3096.9	3321.0	*3457.1*	3321.0
47.5°	3141.4	2989.5	2837.5	2832.8	2828.1	3153.8	3479.3	3807.4	4135.4	*4328.1*	4135.4
50°	3614.8	3427.2	3239.6	3240.4	3241.2	3660.9	4080.6	4513.6	4946.7	*5208.5*	4946.7
52.5°	4158.3	3931.1	3704.0	3681.0	3658.0	4159.3	4660.6	5196.4	5732.2	*6046.0*	5732.2
55°	4736.9	4512.5	4288.0	4198.4	4108.9	4666.9	5224.8	5863.5	6502.3	*6875.5*	6502.3
57.5°	5263.2	5141.0	5018.7	4839.1	4659.5	5222.9	5786.3	6509.8	7233.2	*7696.0*	7233.2
60°	5581.3	5771.1	5961.0	5738.0	5514.9	6048.1	6581.2	7355.9	8130.5	*8630.7*	8130.5
62.5°	5419.8	5938.5	6457.3	6432.2	6407.0	6895.4	7383.9	8120.8	8857.8	*9320.1*	8857.8
65°	*5096.5*	*5583.4*	*6070.3*	*6166.6*	*6262.9*	*6883.6*	*7504.3*	*8219.0*	*8933.5*	*9327.2*	*8933.5*
67.5°	4663.4	5126.5	5589.5	5634.7	5679.8	6326.6	6973.2	7690.9	8408.6	*8717.0*	8408.6
70°	4143.0	4646.7	5150.4	5170.6	5190.8	5769.2	6347.4	6965.1	7582.6	*7754.0*	7582.6
72.5°	3522.9	4100.9	4678.9	4693.5	4707.9	5160.4	5612.9	6075.4	6538.0	*6555.3*	6538.0
75°	2738.4	3336.6	3934.9	3988.6	4042.3	4394.3	4746.4	5072.0	5397.6	*5310.4*	5397.6
77.5°	1956.5	2515.0	3073.5	3150.3	3227.2	3494.8	3762.4	3993.4	4224.3	*4074.4*	4224.3
80°	1280.6	1750.4	2220.2	2315.7	2411.2	2613.4	2815.4	2936.7	3057.9	*2816.7*	3057.9
82.5°	744.4	1065.6	1386.8	1493.5	1600.3	1739.4	1878.5	1929.1	1979.7	*1790.1*	1979.7
85°	327.5	498.0	668.5	759.2	850.0	964.3	1078.6	1107.3	1136.0	*984.2*	1136.0
87.5°	101.4	158.7	216.0	266.6	317.3	374.4	431.6	434.0	436.4	*366.4*	436.4
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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9
2.5°	1356.5	1354.4	1350.1	1345.9	1338.7	1331.6	1326.6	1321.6	1311.4	1301.3	1290.5
5°	1515.4	1509.7	1500.3	1490.9	1473.5	1456.1	1438.6	1421.1	1398.7	1376.3	1353.9
7.5°	1668.4	1660.0	1644.6	1629.2	1603.6	1578.0	1549.5	1521.1	1484.1	1447.2	1413.0
10°	1769.5	1761.4	1743.3	1725.1	1695.1	1665.0	1631.4	1597.7	1551.0	1504.2	1459.1
12.5°	1802.6	1798.2	1785.0	1771.8	1744.7	1717.6	1681.1	1644.6	1593.3	1541.9	1490.8
15°	1766.4	1771.1	1770.7	1770.2	1753.1	1736.1	1704.6	1673.1	1619.6	1566.1	1510.6
17.5°	1676.6	1694.1	1713.2	1732.3	1732.0	1731.7	1710.4	1689.2	1634.9	1580.6	1520.1
20°	1561.9	1592.6	1634.7	1676.9	1699.3	1721.7	1714.3	1706.9	1650.5	1594.0	1527.5
22.5°	1452.7	1491.1	1553.1	1615.1	1661.5	1707.9	1717.7	1727.4	1669.7	1612.1	1537.5
25°	1360.6	1400.9	1476.3	1551.6	1622.0	1692.5	1723.1	1753.8	1697.3	1640.8	1555.6
27.5°	1286.7	1326.4	1409.9	1493.4	1586.6	1680.0	1734.8	1789.6	1735.8	1681.9	1583.9
30°	1234.1	1270.9	1357.8	1444.8	1559.7	1674.5	1756.2	1837.9	1785.9	1733.9	1620.6
32.5°	1219.0	1247.9	1329.6	1411.3	1541.3	1671.2	1783.1	1895.0	1843.5	1792.0	1658.8
35°	1299.4	1306.2	1362.9	1419.7	1555.1	1690.5	1827.4	1964.3	1915.0	1865.6	1702.4
37.5°	1536.2	1505.3	1509.0	1512.7	1635.8	1758.9	1920.0	2081.0	2018.1	1955.2	1751.2
40°	1928.2	1853.2	1788.6	1724.0	1815.5	1907.0	2082.2	2257.4	2165.7	2074.1	1813.1
42.5°	2456.4	2320.0	2179.1	2038.2	2090.9	2143.7	2317.5	2491.3	2359.0	2226.7	1894.2
45°	3096.9	2872.8	2647.0	2421.3	2444.6	2467.8	2624.0	2780.1	2601.7	2423.2	2000.9
47.5°	3807.4	3479.3	3153.8	2828.1	2832.8	2837.5	2989.5	3141.4	2890.2	2638.9	2114.5
50°	4513.6	4080.6	3660.9	3241.2	3240.4	3239.6	3427.2	3614.8	3236.1	2857.3	2220.0
52.5°	5196.4	4660.6	4159.3	3658.0	3681.0	3704.0	3931.1	4158.3	3599.5	3040.7	2288.4
55°	5863.5	5224.8	4666.9	4108.9	4198.4	4288.0	4512.5	4736.9	3921.7	3106.5	2273.4
57.5°	6509.8	5786.3	5222.9	4659.5	4839.1	5018.7	5141.0	5263.2	4150.0	3036.8	2167.2
60°	7355.9	6581.2	6048.1	5514.9	5738.0	5961.0	5771.1	5581.3	4207.1	2832.8	1969.5
62.5°	8120.8	7383.9	6895.4	6407.0	6432.2	6457.3	5938.5	5419.8	3966.8	2513.9	1702.3
65°	*8219.0*	*7504.3*	*6883.6*	*6262.9*	*6166.6*	*6070.3*	*5583.4*	*5096.5*	*3626.9*	*2157.2*	*1429.6*
67.5°	7690.9	6973.2	6326.6	5679.8	5634.7	5589.5	5126.5	4663.4	3222.3	1781.2	1162.5
70°	6965.1	6347.4	5769.2	5190.8	5170.6	5150.4	4646.7	4143.0	2780.9	1418.7	915.3
72.5°	6075.4	5612.9	5160.4	4707.9	4693.5	4678.9	4100.9	3522.9	2302.3	1081.8	699.8
75°	5072.0	4746.4	4394.3	4042.3	3988.6	3934.9	3336.6	2738.4	1753.7	769.0	507.9
77.5°	3993.4	3762.4	3494.8	3227.2	3150.3	3073.5	2515.0	1956.5	1227.5	498.4	344.2
80°	2936.7	2815.4	2613.4	2411.2	2315.7	2220.2	1750.4	1280.6	790.8	301.1	221.7
82.5°	1929.1	1878.5	1739.4	1600.3	1493.5	1386.8	1065.6	744.4	457.7	171.1	136.4
85°	1107.3	1078.6	964.3	850.0	759.2	668.5	498.0	327.5	205.9	84.3	72.9
87.5°	434.0	431.6	374.4	317.3	266.6	216.0	158.7	101.4	67.4	33.5	30.2
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):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9
2.5°	1279.7	1268.9	1258.1	1247.7	1237.3	1227.3	1216.1	1207.0	1198.0	1189.9	1181.8
5°	1331.6	1309.1	1286.7	1265.7	1244.7	1224.9	1205.3	1188.3	1171.1	1156.8	1142.5
7.5°	1378.9	1345.6	1312.4	1283.1	1253.8	1226.8	1201.5	1178.7	1156.1	1137.2	1118.3
10°	1414.0	1373.6	1333.2	1298.6	1263.9	1230.6	1203.4	1179.4	1155.4	1136.6	1117.7
12.5°	1439.7	1392.1	1344.4	1305.3	1266.1	1231.0	1205.7	1186.1	1166.6	1154.0	1141.6
15°	1455.2	1400.3	1345.5	1300.1	1254.8	1215.9	1195.7	1186.3	1176.9	1178.6	1180.3
17.5°	1459.6	1395.9	1332.3	1277.7	1223.2	1177.5	1165.0	1168.5	1171.9	1192.4	1213.0
20°	1461.0	1383.9	1306.7	1239.1	1171.5	1118.3	1115.0	1131.1	1147.1	1182.8	1218.5
22.5°	1462.9	1369.1	1275.2	1193.8	1112.3	1051.8	1058.3	1082.0	1105.7	1146.5	1187.3
25°	1470.4	1354.4	1238.6	1143.2	1047.8	985.8	1003.3	1030.6	1058.0	1094.6	1131.3
27.5°	1485.9	1344.7	1203.4	1096.9	990.4	933.9	955.2	981.6	1008.0	1038.1	1068.2
30°	1507.2	1340.1	1172.9	1058.3	943.6	896.2	912.9	933.8	954.8	979.8	1004.8
32.5°	1525.6	1334.5	1143.2	1024.9	906.6	868.4	875.8	888.2	900.6	920.6	940.5
35°	1539.1	1323.8	1108.6	992.1	875.7	843.9	840.8	844.2	847.6	862.9	878.1
37.5°	1547.1	1305.5	1064.0	953.6	843.2	815.3	804.1	800.4	796.6	807.5	818.4
40°	1552.2	1280.4	1008.7	907.5	806.4	781.2	763.9	755.4	746.9	754.7	762.6
42.5°	1561.7	1254.5	947.3	856.8	766.2	743.0	721.3	710.0	698.6	705.0	711.5
45°	1578.6	1230.4	882.2	802.8	723.4	699.8	678.8	667.8	656.8	662.2	667.7
47.5°	1590.1	1210.5	830.8	760.1	689.4	659.0	641.0	631.7	622.5	627.6	632.6
50°	1582.6	1188.8	795.0	731.8	668.6	628.6	607.6	599.4	591.3	599.2	607.1
52.5°	1536.1	1152.1	768.2	713.1	658.1	612.1	582.8	574.7	566.6	578.5	590.4
55°	1440.2	1091.4	742.6	699.6	656.5	613.7	569.6	556.7	544.0	560.9	577.8
57.5°	1297.5	1005.8	714.0	683.5	653.1	615.4	561.6	543.0	524.3	542.5	560.7
60°	1106.2	894.6	682.9	659.0	635.1	610.2	554.2	530.0	505.8	521.7	537.7
62.5°	890.7	761.5	632.3	616.4	600.5	597.5	545.5	515.2	485.0	495.1	505.3
65°	*702.1*	*641.8*	*581.4*	*573.9*	*566.5*	*566.8*	*527.2*	*495.1*	*462.8*	*466.8*	*470.6*
67.5°	543.8	526.7	509.5	513.7	517.9	516.8	494.6	467.8	441.0	439.8	438.6
70°	411.9	416.8	421.7	441.1	460.5	460.5	453.2	434.1	415.1	410.8	406.6
72.5°	317.7	332.5	347.3	374.9	402.3	407.0	407.1	394.0	380.9	374.7	368.5
75°	246.7	260.1	273.5	304.4	335.2	356.5	354.7	344.7	334.6	328.6	322.6
77.5°	189.9	199.1	208.2	238.1	268.1	303.2	302.3	294.2	286.1	280.1	274.1
80°	142.4	146.2	150.0	175.3	200.7	242.6	242.5	235.7	228.9	223.9	218.8
82.5°	101.8	102.4	103.2	121.9	140.5	176.4	178.3	175.0	171.7	168.2	164.6
85°	61.5	61.2	60.8	74.5	88.2	114.8	117.4	113.9	110.3	106.3	102.3
87.5°	27.0	26.6	26.3	31.9	37.5	48.6	51.9	50.5	49.0	48.3	47.5
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: P1199251
CATALOG NUMBER: GPC-SB2A-735-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9
2.5°	1174.6	1167.5	1160.3	1153.2	1147.7	1142.1	1137.7	1133.2	1129.7	1126.2	1123.0
5°	1129.9	1117.2	1105.8	1094.3	1085.5	1076.6	1070.4	1064.2	1059.9	1055.5	1052.1
7.5°	1102.4	1086.5	1072.4	1058.4	1047.9	1037.5	1030.1	1022.7	1017.7	1012.7	1009.7
10°	1100.6	1083.4	1067.6	1051.8	1039.3	1026.7	1018.5	1010.2	1005.4	1000.7	998.1
12.5°	1128.1	1114.7	1098.3	1082.0	1066.0	1050.0	1039.3	1028.7	1023.4	1018.1	1016.0
15°	1176.9	1173.4	1159.2	1145.0	1122.2	1099.3	1083.2	1067.1	1059.7	1052.3	1049.5
17.5°	1223.9	1234.8	1223.3	1211.9	1181.7	1151.5	1127.7	1103.9	1093.0	1082.0	1078.4
20°	1241.4	1264.3	1259.0	1253.7	1219.1	1184.6	1155.4	1126.3	1112.3	1098.3	1093.8
22.5°	1217.1	1246.8	1250.0	1253.2	1220.2	1187.2	1157.2	1127.1	1112.4	1097.6	1092.6
25°	1160.6	1189.9	1200.8	1211.7	1184.6	1157.6	1130.9	1104.3	1091.5	1078.7	1074.1
27.5°	1091.7	1115.2	1127.3	1139.6	1120.3	1101.0	1080.3	1059.6	1051.0	1042.4	1040.3
30°	1024.3	1043.8	1053.7	1063.6	1049.0	1034.2	1019.4	1004.5	1000.2	995.7	995.7
32.5°	959.2	977.9	988.9	1000.0	986.5	972.9	961.1	949.3	946.4	943.5	943.9
35°	896.6	915.1	928.3	941.5	931.9	922.3	911.4	900.5	896.1	891.7	890.8
37.5°	836.9	855.3	871.7	888.0	883.5	879.1	869.1	859.0	851.0	843.1	838.9
40°	780.5	798.3	817.0	835.9	836.9	838.0	829.4	820.9	809.3	797.8	790.0
42.5°	728.4	745.3	765.6	785.9	791.3	796.7	789.5	782.3	768.0	753.6	742.2
45°	683.7	699.7	720.7	741.8	749.6	757.3	750.8	744.4	727.9	711.5	698.2
47.5°	648.3	664.0	684.7	705.5	714.4	723.4	718.9	714.3	699.7	685.1	672.7
50°	622.0	636.7	655.3	673.9	685.4	696.9	696.6	696.4	684.7	673.0	661.6
52.5°	604.0	617.5	634.8	652.2	665.8	679.4	681.9	684.3	674.8	665.3	655.1
55°	592.4	607.0	622.2	637.3	651.8	666.2	669.6	673.0	664.7	656.4	647.5
57.5°	577.9	595.0	610.0	625.1	639.6	654.2	657.6	661.0	652.7	644.3	635.4
60°	557.4	577.1	592.3	607.6	622.2	636.9	640.6	644.4	636.2	628.0	618.9
62.5°	528.3	551.3	567.5	583.8	597.2	610.6	614.2	617.9	610.4	603.0	593.4
65°	*495.2*	*519.9*	*535.5*	*551.0*	*562.8*	*574.6*	*578.3*	*582.0*	*574.9*	*567.8*	*558.4*
67.5°	461.3	484.1	498.8	513.5	523.7	533.9	537.5	541.1	534.6	528.1	519.4
70°	426.6	446.6	459.3	472.0	481.2	490.4	493.9	497.4	492.1	486.8	478.5
72.5°	384.3	400.0	411.5	423.0	432.0	441.0	445.2	449.3	444.9	440.4	432.5
75°	334.3	346.0	356.5	366.9	375.1	383.3	387.6	392.0	389.8	387.6	381.0
77.5°	283.6	293.1	302.0	311.0	319.6	328.2	332.3	336.3	333.3	330.2	323.5
80°	226.7	234.6	242.2	249.7	256.3	262.8	268.1	273.5	272.2	270.9	261.9
82.5°	163.9	163.3	160.6	158.0	171.9	185.9	195.0	204.2	203.6	203.0	195.4
85°	98.9	95.5	88.2	80.9	93.9	107.0	118.4	129.7	128.7	127.8	121.9
87.5°	47.4	47.3	41.7	36.1	41.5	47.1	51.6	56.2	55.1	53.9	50.8
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: P1199251
CATALOG NUMBER: GPC-SB2A-735-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9
2.5°	1119.7	1115.7	1119.7	1123.0	1126.2	1129.7	1133.2	1137.7	1142.1	1147.7	1153.2
5°	1048.8	1045.5	1048.8	1052.1	1055.5	1059.9	1064.2	1070.4	1076.6	1085.5	1094.3
7.5°	1006.7	1004.4	1006.7	1009.7	1012.7	1017.7	1022.7	1030.1	1037.5	1047.9	1058.4
10°	995.6	994.5	995.6	998.1	1000.7	1005.4	1010.2	1018.5	1026.7	1039.3	1051.8
12.5°	1013.8	1013.4	1013.8	1016.0	1018.1	1023.4	1028.7	1039.3	1050.0	1066.0	1082.0
15°	1046.7	1046.4	1046.7	1049.5	1052.3	1059.7	1067.1	1083.2	1099.3	1122.2	1145.0
17.5°	1074.8	1074.2	1074.8	1078.4	1082.0	1093.0	1103.9	1127.7	1151.5	1181.7	1211.9
20°	1089.3	1087.9	1089.3	1093.8	1098.3	1112.3	1126.3	1155.4	1184.6	1219.1	1253.7
22.5°	1087.7	1085.6	1087.7	1092.6	1097.6	1112.4	1127.1	1157.2	1187.2	1220.2	1253.2
25°	1069.4	1066.7	1069.4	1074.1	1078.7	1091.5	1104.3	1130.9	1157.6	1184.6	1211.7
27.5°	1038.2	1037.5	1038.2	1040.3	1042.4	1051.0	1059.6	1080.3	1101.0	1120.3	1139.6
30°	995.7	996.4	995.7	995.7	995.7	1000.2	1004.5	1019.4	1034.2	1049.0	1063.6
32.5°	944.3	945.0	944.3	943.9	943.5	946.4	949.3	961.1	972.9	986.5	1000.0
35°	889.9	889.4	889.9	890.8	891.7	896.1	900.5	911.4	922.3	931.9	941.5
37.5°	834.7	832.3	834.7	838.9	843.1	851.0	859.0	869.1	879.1	883.5	888.0
40°	782.2	777.6	782.2	790.0	797.8	809.3	820.9	829.4	838.0	836.9	835.9
42.5°	730.8	723.4	730.8	742.2	753.6	768.0	782.3	789.5	796.7	791.3	785.9
45°	684.8	676.2	684.8	698.2	711.5	727.9	744.4	750.8	757.3	749.6	741.8
47.5°	660.4	652.2	660.4	672.7	685.1	699.7	714.3	718.9	723.4	714.4	705.5
50°	650.2	642.3	650.2	661.6	673.0	684.7	696.4	696.6	696.9	685.4	673.9
52.5°	644.9	637.6	644.9	655.1	665.3	674.8	684.3	681.9	679.4	665.8	652.2
55°	638.5	631.9	638.5	647.5	656.4	664.7	673.0	669.6	666.2	651.8	637.3
57.5°	626.5	619.6	626.5	635.4	644.3	652.7	661.0	657.6	654.2	639.6	625.1
60°	609.7	602.7	609.7	618.9	628.0	636.2	644.4	640.6	636.9	622.2	607.6
62.5°	583.8	575.3	583.8	593.4	603.0	610.4	617.9	614.2	610.6	597.2	583.8
65°	*549.1*	*541.8*	*549.1*	*558.4*	*567.8*	*574.9*	*582.0*	*578.3*	*574.6*	*562.8*	*551.0*
67.5°	510.7	504.1	510.7	519.4	528.1	534.6	541.1	537.5	533.9	523.7	513.5
70°	470.2	462.6	470.2	478.5	486.8	492.1	497.4	493.9	490.4	481.2	472.0
72.5°	424.6	417.3	424.6	432.5	440.4	444.9	449.3	445.2	441.0	432.0	423.0
75°	374.3	367.4	374.3	381.0	387.6	389.8	392.0	387.6	383.3	375.1	366.9
77.5°	316.8	311.2	316.8	323.5	330.2	333.3	336.3	332.3	328.2	319.6	311.0
80°	252.9	242.4	252.9	261.9	270.9	272.2	273.5	268.1	262.8	256.3	249.7
82.5°	187.8	181.1	187.8	195.4	203.0	203.6	204.2	195.0	185.9	171.9	158.0
85°	115.9	109.9	115.9	121.9	127.8	128.7	129.7	118.4	107.0	93.9	80.9
87.5°	47.7	44.8	47.7	50.8	53.9	55.1	56.2	51.6	47.1	41.5	36.1
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: P1199251
CATALOG NUMBER: GPC-SB2A-735-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9
2.5°	1160.3	1167.5	1174.6	1181.8	1189.9	1198.0	1207.0	1216.1	1227.3	1237.3	1247.7
5°	1105.8	1117.2	1129.9	1142.5	1156.8	1171.1	1188.3	1205.3	1224.9	1244.7	1265.7
7.5°	1072.4	1086.5	1102.4	1118.3	1137.2	1156.1	1178.7	1201.5	1226.8	1253.8	1283.1
10°	1067.6	1083.4	1100.6	1117.7	1136.6	1155.4	1179.4	1203.4	1230.6	1263.9	1298.6
12.5°	1098.3	1114.7	1128.1	1141.6	1154.0	1166.6	1186.1	1205.7	1231.0	1266.1	1305.3
15°	1159.2	1173.4	1176.9	1180.3	1178.6	1176.9	1186.3	1195.7	1215.9	1254.8	1300.1
17.5°	1223.3	1234.8	1223.9	1213.0	1192.4	1171.9	1168.5	1165.0	1177.5	1223.2	1277.7
20°	1259.0	1264.3	1241.4	1218.5	1182.8	1147.1	1131.1	1115.0	1118.3	1171.5	1239.1
22.5°	1250.0	1246.8	1217.1	1187.3	1146.5	1105.7	1082.0	1058.3	1051.8	1112.3	1193.8
25°	1200.8	1189.9	1160.6	1131.3	1094.6	1058.0	1030.6	1003.3	985.8	1047.8	1143.2
27.5°	1127.3	1115.2	1091.7	1068.2	1038.1	1008.0	981.6	955.2	933.9	990.4	1096.9
30°	1053.7	1043.8	1024.3	1004.8	979.8	954.8	933.8	912.9	896.2	943.6	1058.3
32.5°	988.9	977.9	959.2	940.5	920.6	900.6	888.2	875.8	868.4	906.6	1024.9
35°	928.3	915.1	896.6	878.1	862.9	847.6	844.2	840.8	843.9	875.7	992.1
37.5°	871.7	855.3	836.9	818.4	807.5	796.6	800.4	804.1	815.3	843.2	953.6
40°	817.0	798.3	780.5	762.6	754.7	746.9	755.4	763.9	781.2	806.4	907.5
42.5°	765.6	745.3	728.4	711.5	705.0	698.6	710.0	721.3	743.0	766.2	856.8
45°	720.7	699.7	683.7	667.7	662.2	656.8	667.8	678.8	699.8	723.4	802.8
47.5°	684.7	664.0	648.3	632.6	627.6	622.5	631.7	641.0	659.0	689.4	760.1
50°	655.3	636.7	622.0	607.1	599.2	591.3	599.4	607.6	628.6	668.6	731.8
52.5°	634.8	617.5	604.0	590.4	578.5	566.6	574.7	582.8	612.1	658.1	713.1
55°	622.2	607.0	592.4	577.8	560.9	544.0	556.7	569.6	613.7	656.5	699.6
57.5°	610.0	595.0	577.9	560.7	542.5	524.3	543.0	561.6	615.4	653.1	683.5
60°	592.3	577.1	557.4	537.7	521.7	505.8	530.0	554.2	610.2	635.1	659.0
62.5°	567.5	551.3	528.3	505.3	495.1	485.0	515.2	545.5	597.5	600.5	616.4
65°	*535.5*	*519.9*	*495.2*	*470.6*	*466.8*	*462.8*	*495.1*	*527.2*	*566.8*	*566.5*	*573.9*
67.5°	498.8	484.1	461.3	438.6	439.8	441.0	467.8	494.6	516.8	517.9	513.7
70°	459.3	446.6	426.6	406.6	410.8	415.1	434.1	453.2	460.5	460.5	441.1
72.5°	411.5	400.0	384.3	368.5	374.7	380.9	394.0	407.1	407.0	402.3	374.9
75°	356.5	346.0	334.3	322.6	328.6	334.6	344.7	354.7	356.5	335.2	304.4
77.5°	302.0	293.1	283.6	274.1	280.1	286.1	294.2	302.3	303.2	268.1	238.1
80°	242.2	234.6	226.7	218.8	223.9	228.9	235.7	242.5	242.6	200.7	175.3
82.5°	160.6	163.3	163.9	164.6	168.2	171.7	175.0	178.3	176.4	140.5	121.9
85°	88.2	95.5	98.9	102.3	106.3	110.3	113.9	117.4	114.8	88.2	74.5
87.5°	41.7	47.3	47.4	47.5	48.3	49.0	50.5	51.9	48.6	37.5	31.9
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: P1199251
CATALOG NUMBER: GPC-SB2A-735-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9	1228.9
2.5°	1258.1	1268.9	1279.7	1290.5	1301.3	1311.4	1321.6
5°	1286.7	1309.1	1331.6	1353.9	1376.3	1398.7	1421.1
7.5°	1312.4	1345.6	1378.9	1413.0	1447.2	1484.1	1521.1
10°	1333.2	1373.6	1414.0	1459.1	1504.2	1551.0	1597.7
12.5°	1344.4	1392.1	1439.7	1490.8	1541.9	1593.3	1644.6
15°	1345.5	1400.3	1455.2	1510.6	1566.1	1619.6	1673.1
17.5°	1332.3	1395.9	1459.6	1520.1	1580.6	1634.9	1689.2
20°	1306.7	1383.9	1461.0	1527.5	1594.0	1650.5	1706.9
22.5°	1275.2	1369.1	1462.9	1537.5	1612.1	1669.7	1727.4
25°	1238.6	1354.4	1470.4	1555.6	1640.8	1697.3	1753.8
27.5°	1203.4	1344.7	1485.9	1583.9	1681.9	1735.8	1789.6
30°	1172.9	1340.1	1507.2	1620.6	1733.9	1785.9	1837.9
32.5°	1143.2	1334.5	1525.6	1658.8	1792.0	1843.5	1895.0
35°	1108.6	1323.8	1539.1	1702.4	1865.6	1915.0	1964.3
37.5°	1064.0	1305.5	1547.1	1751.2	1955.2	2018.1	2081.0
40°	1008.7	1280.4	1552.2	1813.1	2074.1	2165.7	2257.4
42.5°	947.3	1254.5	1561.7	1894.2	2226.7	2359.0	2491.3
45°	882.2	1230.4	1578.6	2000.9	2423.2	2601.7	2780.1
47.5°	830.8	1210.5	1590.1	2114.5	2638.9	2890.2	3141.4
50°	795.0	1188.8	1582.6	2220.0	2857.3	3236.1	3614.8
52.5°	768.2	1152.1	1536.1	2288.4	3040.7	3599.5	4158.3
55°	742.6	1091.4	1440.2	2273.4	3106.5	3921.7	4736.9
57.5°	714.0	1005.8	1297.5	2167.2	3036.8	4150.0	5263.2
60°	682.9	894.6	1106.2	1969.5	2832.8	4207.1	5581.3
62.5°	632.3	761.5	890.7	1702.3	2513.9	3966.8	5419.8
65°	*581.4*	*641.8*	*702.1*	*1429.6*	*2157.2*	*3626.9*	*5096.5*
67.5°	509.5	526.7	543.8	1162.5	1781.2	3222.3	4663.4
70°	421.7	416.8	411.9	915.3	1418.7	2780.9	4143.0
72.5°	347.3	332.5	317.7	699.8	1081.8	2302.3	3522.9
75°	273.5	260.1	246.7	507.9	769.0	1753.7	2738.4
77.5°	208.2	199.1	189.9	344.2	498.4	1227.5	1956.5
80°	150.0	146.2	142.4	221.7	301.1	790.8	1280.6
82.5°	103.2	102.4	101.8	136.4	171.1	457.7	744.4
85°	60.8	61.2	61.5	72.9	84.3	205.9	327.5
87.5°	26.3	26.6	27.0	30.2	33.5	67.4	101.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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