

Classified
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P627707 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5D-740-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627707 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA5D-740-U-MWR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N125
Light Source: (80) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

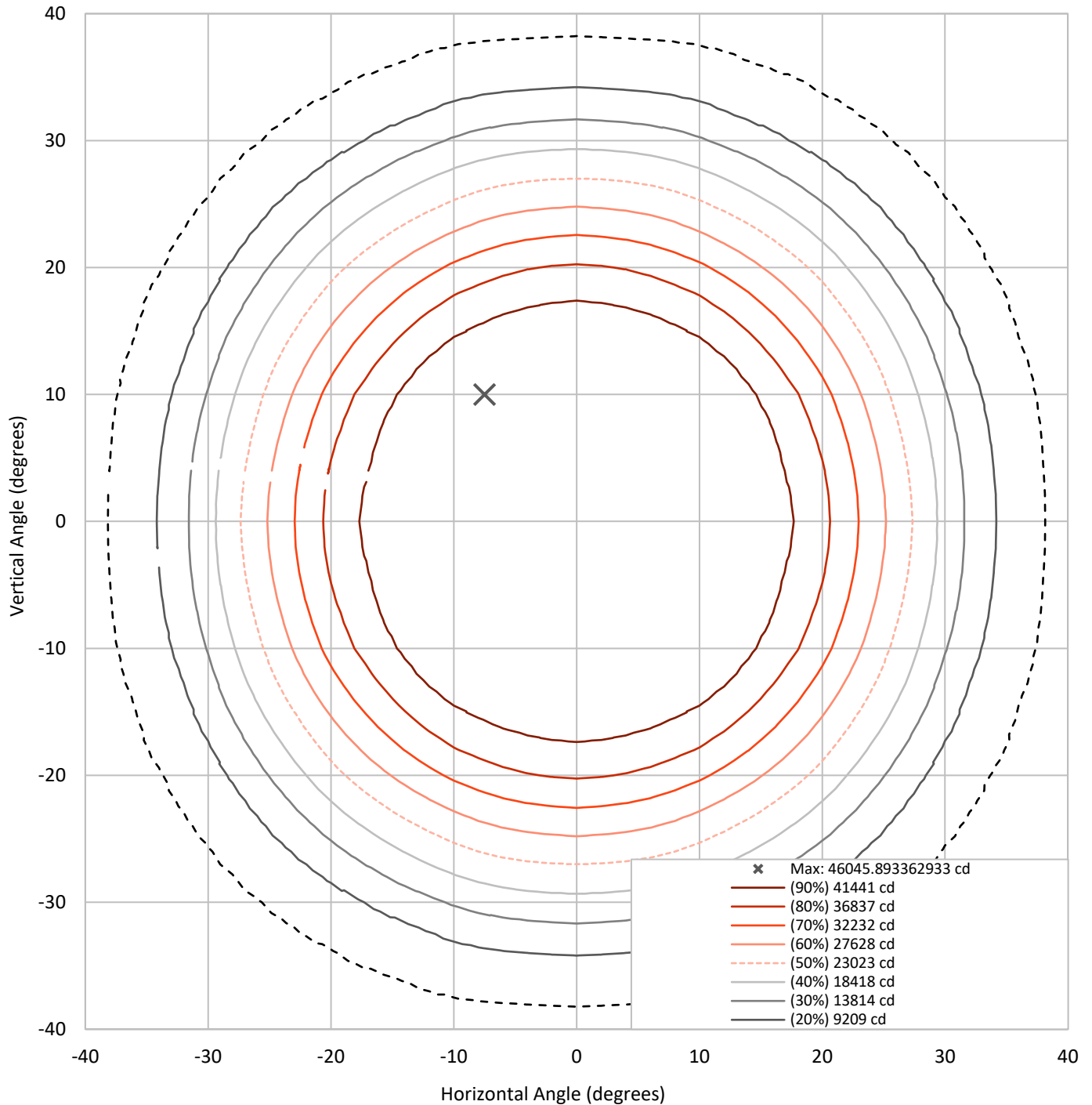
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	39189.4 lumens	Max Intensity:	46045.9 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	144.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	51°H x 52.3°V	Field Angle (10%):	74.5°H x 75.5°V
Beam Lumens:	26011.6 lumens	Field Lumens:	33822.5 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	271.3		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





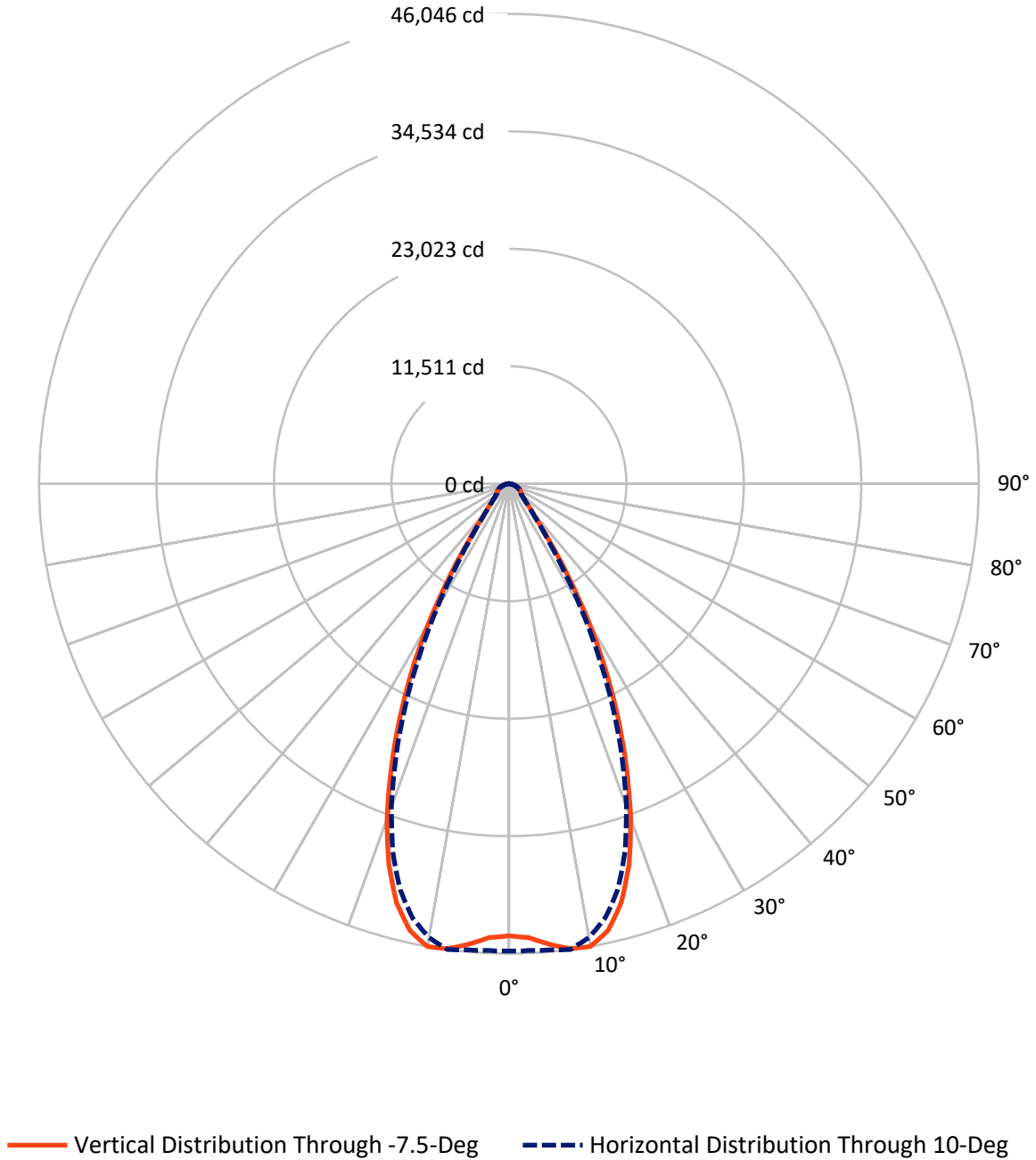
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Lumen Table

90																
80	1.0	9.2		24.6		38.9		43.5		38.9		24.6		9.2		1.0
70																
60	4.2	4.7	9.6	15.7	22.0	26.6	30.1	31.9	31.9	30.1	26.6	22.0	15.7	9.6	4.7	4.2
50		7.1	14.1	22.6	30.2	36.6	40.9	42.7	42.7	40.9	36.6	30.2	22.6	14.1	7.1	
40	7.4	9.1	17.9	27.4	36.8	47.9	60.2	69.1	69.1	60.2	47.9	36.8	27.4	17.9	9.1	7.4
30		10.8	20.8	31.6	48.8	89.1	170.5	252.7	252.7	170.5	89.1	48.8	31.6	20.8	10.8	
20	9.5	12.1	22.7	36.8	80.3	251.6	564.4	788.1	788.1	564.4	251.6	80.3	36.8	22.7	12.1	9.5
10		12.9	23.9	43.7	145.1	536.3	1024.2	1281.8	1281.8	1024.2	536.3	145.1	43.7	23.9	12.9	
0	10.3	13.3	24.5	49.2	208.9	733.9	1242.5	1351.9	1351.9	1242.5	733.9	208.9	49.2	24.5	13.3	10.3
-10		13.3	24.5	49.2	208.9	733.9	1242.5	1351.9	1351.9	1242.5	733.9	208.9	49.2	24.5	13.3	
-20	9.5	12.9	23.9	43.7	145.1	536.3	1024.2	1281.8	1281.8	1024.2	536.3	145.1	43.7	23.9	12.9	9.5
-30		12.1	22.7	36.8	80.3	251.6	564.4	788.1	788.1	564.4	251.6	80.3	36.8	22.7	12.1	
-40	7.4	10.8	20.8	31.6	48.8	89.1	170.5	252.7	252.7	170.5	89.1	48.8	31.6	20.8	10.8	7.4
-50		9.1	17.9	27.4	36.8	47.9	60.2	69.1	69.1	60.2	47.9	36.8	27.4	17.9	9.1	
-60	4.2	7.1	14.1	22.6	30.2	36.6	40.9	42.7	42.7	40.9	36.6	30.2	22.6	14.1	7.1	4.2
-70		4.7	9.6	15.7	22.0	26.6	30.1	31.9	31.9	30.1	26.6	22.0	15.7	9.6	4.7	
-80																
-90	1.0	9.2		24.6		38.9		43.5		38.9		24.6		9.2		1.0
Horizontal Angle (degrees)																

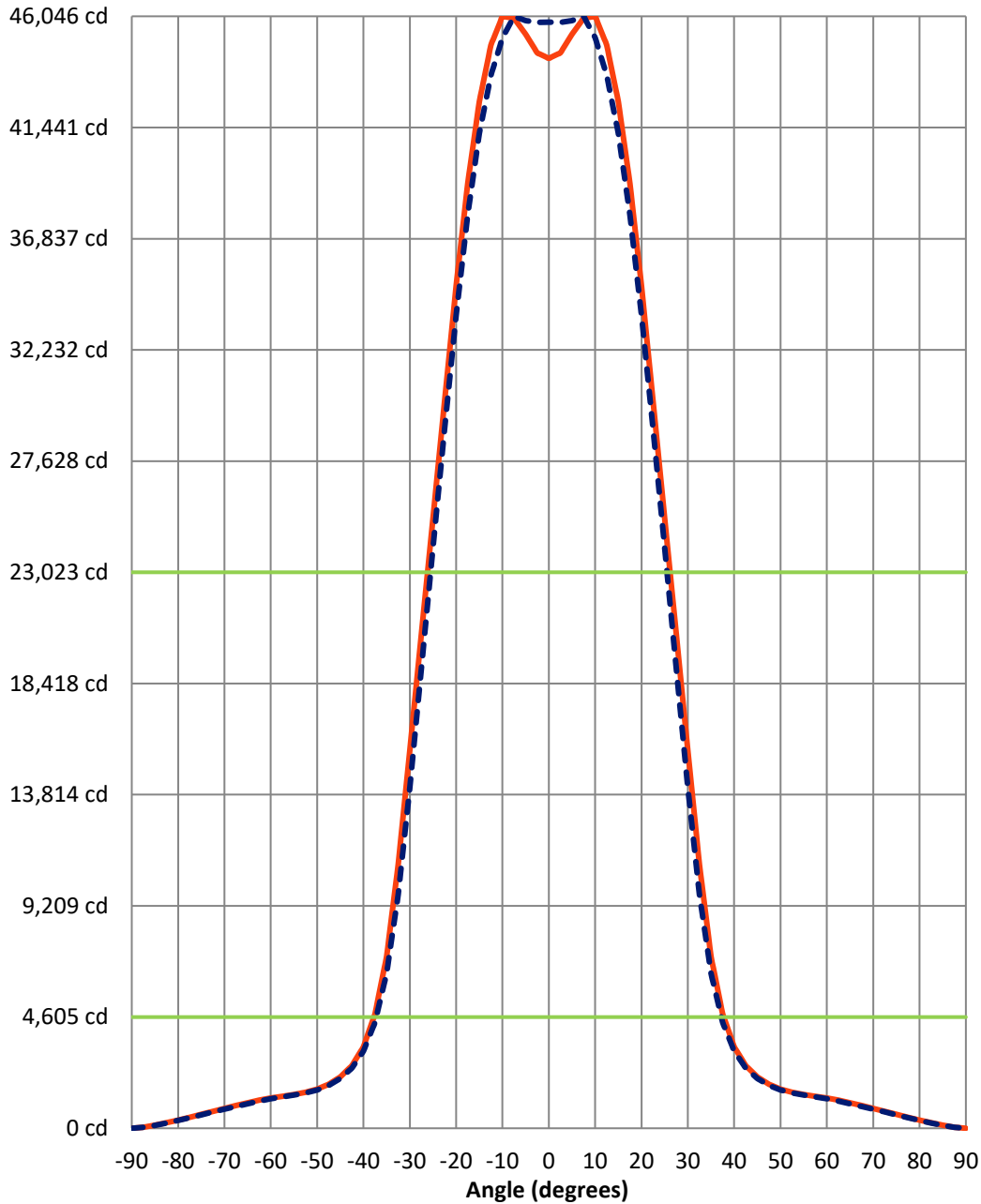
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 26011.6
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 33822.5
 Efficiency: 86.3%

Spill:
 Lumens: 5366.9
 Efficiency: 13.7%

— Vertical Distribution through -7.5-Deg
 - - Horizontal Distribution through 10-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.8	3.5	5.3	7.0	8.7	10.4	12.7	15.2	17.7	20.4
85°	0.0	3.5	7.0	10.5	14.0	17.4	20.8	25.4	30.3	35.4	40.8
82.5°	0.0	5.3	10.5	15.7	20.9	26.1	31.2	38.0	46.2	58.2	69.6
80°	0.0	7.0	14.0	20.9	27.9	34.7	43.0	59.2	74.8	89.5	103.3
77.5°	0.0	8.7	17.4	26.1	34.7	46.9	65.5	84.8	103.3	120.6	139.3
75°	0.0	10.4	20.8	31.2	43.0	65.5	87.8	110.2	132.2	157.6	182.5
72.5°	0.0	12.1	24.2	36.3	57.8	84.0	109.9	136.8	166.8	196.3	225.4
70°	0.0	13.8	27.5	42.4	72.4	102.2	132.2	166.8	200.9	234.6	269.9
67.5°	0.0	15.4	30.8	53.2	86.7	120.1	157.3	196.3	234.6	274.1	314.3
65°	0.0	17.0	34.0	63.8	100.9	139.0	182.0	225.4	268.5	312.7	359.5
62.5°	0.0	18.6	37.2	74.2	114.7	158.8	206.0	254.0	301.7	351.5	408.1
60°	0.0	20.1	40.3	84.3	128.2	178.1	229.5	281.9	333.9	393.7	455.3
57.5°	0.0	21.6	46.7	94.2	143.0	196.9	252.9	309.0	369.0	434.6	499.9
55°	0.0	23.1	53.0	103.9	157.3	215.0	275.9	335.6	403.9	474.0	542.7
52.5°	0.0	24.5	59.1	113.2	171.2	232.7	298.4	364.8	437.6	511.4	584.3
50°	0.0	25.9	65.0	122.3	184.6	251.1	320.3	393.3	469.9	547.6	624.6
47.5°	0.0	27.2	70.6	131.2	197.4	268.8	341.8	420.6	500.9	582.6	663.5
45°	0.0	28.5	76.0	140.4	209.7	286.0	364.1	446.7	530.9	616.2	700.9
42.5°	0.0	29.7	81.0	149.1	221.4	302.5	385.3	471.6	559.4	648.4	736.2
40°	0.0	30.9	85.9	157.2	233.2	318.4	405.5	495.1	586.5	679.1	770.3
37.5°	0.0	32.0	90.4	164.7	245.3	333.5	424.5	517.2	612.8	708.8	803.0
35°	0.0	33.0	94.6	171.8	256.7	348.2	442.3	537.9	637.8	736.5	833.4
32.5°	0.0	34.0	98.6	178.4	267.4	362.2	458.9	557.1	661.5	762.3	860.3
30°	0.0	34.9	102.2	184.6	277.5	375.1	474.2	575.2	683.8	786.1	885.3
27.5°	0.0	35.7	105.5	190.2	286.5	387.0	488.3	593.1	704.2	807.9	908.4
25°	0.0	36.5	108.5	195.4	294.6	397.9	501.1	609.6	721.9	827.0	929.5
22.5°	0.0	37.2	111.2	200.0	302.0	407.5	512.6	624.7	737.8	844.1	948.7
20°	0.0	37.9	113.6	204.1	308.5	415.7	522.7	638.3	751.8	859.3	965.8
17.5°	0.0	38.4	115.6	207.7	314.2	422.9	531.9	650.4	764.0	872.7	980.8
15°	0.0	38.9	117.3	210.8	319.1	429.0	540.2	661.3	774.3	884.1	993.6
12.5°	0.0	39.3	118.7	213.3	323.1	434.1	547.3	670.9	783.5	893.5	1004.2
10°	0.0	39.7	119.8	215.3	326.3	438.1	553.2	678.9	791.5	902.4	1013.2
7.5°	0.0	40.0	120.5	216.7	328.6	441.0	557.9	685.0	797.8	909.5	1021.2
5°	0.0	40.1	121.0	217.5	330.1	442.8	561.3	689.5	802.2	914.6	1026.9
2.5°	0.0	40.3	121.1	217.8	330.7	443.6	563.4	692.1	804.9	917.7	1030.4
0°	0.0	40.3	120.9	217.6	330.4	443.2	564.1	693.0	805.8	918.7	1031.5
-2.5°	0.0	40.3	121.1	217.8	330.7	443.6	563.4	692.1	804.9	917.7	1030.4
-5°	0.0	40.1	121.0	217.5	330.1	442.8	561.3	689.5	802.2	914.6	1026.9
-7.5°	0.0	40.0	120.5	216.7	328.6	441.0	557.9	685.0	797.8	909.5	1021.2
-10°	0.0	39.7	119.8	215.3	326.3	438.1	553.2	678.9	791.5	902.4	1013.2
-12.5°	0.0	39.3	118.7	213.3	323.1	434.1	547.3	670.9	783.5	893.5	1004.2
-15°	0.0	38.9	117.3	210.8	319.1	429.0	540.2	661.3	774.3	884.1	993.6
-17.5°	0.0	38.4	115.6	207.7	314.2	422.9	531.9	650.4	764.0	872.7	980.8
-20°	0.0	37.9	113.6	204.1	308.5	415.7	522.7	638.3	751.8	859.3	965.8

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	37.2	111.2	200.0	302.0	407.5	512.6	624.7	737.8	844.1	948.7
-25°	0.0	36.5	108.5	195.4	294.6	397.9	501.1	609.6	721.9	827.0	929.5
-27.5°	0.0	35.7	105.5	190.2	286.5	387.0	488.3	593.1	704.2	807.9	908.4
-30°	0.0	34.9	102.2	184.6	277.5	375.1	474.2	575.2	683.8	786.1	885.3
-32.5°	0.0	34.0	98.6	178.4	267.4	362.2	458.9	557.1	661.5	762.3	860.3
-35°	0.0	33.0	94.6	171.8	256.7	348.2	442.3	537.9	637.8	736.5	833.4
-37.5°	0.0	32.0	90.4	164.7	245.3	333.5	424.5	517.2	612.8	708.8	803.0
-40°	0.0	30.9	85.9	157.2	233.2	318.4	405.5	495.1	586.5	679.1	770.3
-42.5°	0.0	29.7	81.0	149.1	221.4	302.5	385.3	471.6	559.4	648.4	736.2
-45°	0.0	28.5	76.0	140.4	209.7	286.0	364.1	446.7	530.9	616.2	700.9
-47.5°	0.0	27.2	70.6	131.2	197.4	268.8	341.8	420.6	500.9	582.6	663.5
-50°	0.0	25.9	65.0	122.3	184.6	251.1	320.3	393.3	469.9	547.6	624.6
-52.5°	0.0	24.5	59.1	113.2	171.2	232.7	298.4	364.8	437.6	511.4	584.3
-55°	0.0	23.1	53.0	103.9	157.3	215.0	275.9	335.6	403.9	474.0	542.7
-57.5°	0.0	21.6	46.7	94.2	143.0	196.9	252.9	309.0	369.0	434.6	499.9
-60°	0.0	20.1	40.3	84.3	128.2	178.1	229.5	281.9	333.9	393.7	455.3
-62.5°	0.0	18.6	37.2	74.2	114.7	158.8	206.0	254.0	301.7	351.5	408.1
-65°	0.0	17.0	34.0	63.8	100.9	139.0	182.0	225.4	268.5	312.7	359.5
-67.5°	0.0	15.4	30.8	53.2	86.7	120.1	157.3	196.3	234.6	274.1	314.3
-70°	0.0	13.8	27.5	42.4	72.4	102.2	132.2	166.8	200.9	234.6	269.9
-72.5°	0.0	12.1	24.2	36.3	57.8	84.0	109.9	136.8	166.8	196.3	225.4
-75°	0.0	10.4	20.8	31.2	43.0	65.5	87.8	110.2	132.2	157.6	182.5
-77.5°	0.0	8.7	17.4	26.1	34.7	46.9	65.5	84.8	103.3	120.6	139.3
-80°	0.0	7.0	14.0	20.9	27.9	34.7	43.0	59.2	74.8	89.5	103.3
-82.5°	0.0	5.3	10.5	15.7	20.9	26.1	31.2	38.0	46.2	58.2	69.6
-85°	0.0	3.5	7.0	10.5	14.0	17.4	20.8	25.4	30.3	35.4	40.8
-87.5°	0.0	1.8	3.5	5.3	7.0	8.7	10.4	12.7	15.2	17.7	20.4
-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):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	22.3	24.2	26.0	27.8	29.5	31.1	32.7	34.2	35.7	37.1	38.4
85°	44.7	48.4	54.8	61.3	67.6	73.6	79.4	85.0	90.4	95.5	100.3
82.5°	79.9	90.3	101.0	111.8	121.3	130.4	139.3	148.4	157.6	166.7	175.7
80°	117.4	132.0	148.7	164.5	178.3	191.5	204.2	216.4	229.7	243.9	258.3
77.5°	160.9	181.6	201.1	219.4	236.9	256.1	274.7	292.5	311.1	329.4	347.0
75°	207.4	231.1	256.0	280.5	304.3	327.4	349.9	372.9	396.1	419.2	441.2
72.5°	255.4	285.5	314.8	343.4	373.0	401.9	429.7	456.6	484.3	512.5	539.5
70°	305.3	339.6	375.8	410.7	444.1	477.7	511.7	544.5	576.5	609.3	641.8
67.5°	355.6	398.6	439.4	478.2	517.5	557.1	595.4	634.7	672.6	710.7	747.1
65°	411.0	458.0	502.6	547.0	591.6	638.1	683.4	727.1	771.2	813.7	852.0
62.5°	465.3	515.3	564.7	615.2	668.3	720.5	770.0	820.2	871.3	915.9	954.7
60°	515.3	570.8	626.0	683.5	742.2	798.4	853.9	908.5	963.5	1014.8	1046.4
57.5°	563.5	624.9	686.1	748.1	809.9	872.6	930.9	990.9	1042.0	1085.2	1121.9
55°	610.5	677.2	742.4	807.3	874.1	939.7	1003.1	1060.1	1110.1	1146.1	1181.5
52.5°	656.3	726.6	793.8	864.2	935.1	1004.7	1070.9	1123.8	1164.7	1201.5	1234.6
50°	700.6	772.1	843.1	919.4	994.3	1067.9	1130.2	1176.5	1218.1	1254.0	1288.7
47.5°	742.2	816.7	892.6	972.8	1051.7	1122.8	1180.0	1228.4	1271.0	1309.7	1350.7
45°	782.1	861.2	941.5	1024.3	1104.8	1173.5	1228.7	1280.9	1320.7	1364.4	1411.4
42.5°	821.0	904.0	988.2	1073.6	1155.0	1219.2	1274.3	1322.2	1369.0	1420.7	1477.5
40°	857.9	944.4	1032.2	1121.1	1202.3	1259.2	1313.2	1363.9	1420.7	1482.2	1548.0
37.5°	892.5	982.3	1073.5	1165.8	1237.1	1295.7	1351.0	1407.5	1473.6	1544.9	1634.2
35°	924.9	1017.7	1111.9	1200.5	1268.3	1330.5	1387.7	1450.7	1527.9	1621.0	1735.4
32.5°	954.8	1050.3	1147.3	1228.6	1297.0	1361.6	1420.4	1499.0	1591.8	1702.6	1864.5
30°	982.5	1080.2	1177.5	1256.3	1323.0	1387.8	1459.4	1547.9	1656.4	1818.3	2025.4
27.5°	1008.1	1107.4	1201.3	1279.2	1346.1	1412.9	1496.7	1604.1	1746.9	1940.0	2197.6
25°	1031.7	1133.3	1224.0	1298.4	1367.6	1441.7	1532.8	1653.4	1841.2	2090.7	2438.7
22.5°	1053.0	1156.8	1245.8	1315.1	1387.7	1468.1	1574.2	1725.2	1941.7	2232.9	2681.9
20°	1072.0	1174.5	1262.2	1330.8	1406.3	1489.8	1611.2	1793.2	2054.3	2431.5	3004.6
17.5°	1088.7	1190.0	1274.4	1346.0	1424.4	1514.5	1647.1	1852.2	2154.4	2604.8	3330.8
15°	1103.0	1203.3	1284.7	1358.9	1440.2	1542.7	1697.2	1929.2	2270.6	2784.9	3615.1
12.5°	1114.8	1214.2	1293.1	1369.4	1453.2	1566.3	1740.0	2001.9	2391.3	3006.3	4034.0
10°	1124.2	1222.8	1299.6	1377.6	1463.3	1585.2	1774.8	2061.3	2491.3	3198.0	4391.3
7.5°	1132.8	1229.1	1304.1	1383.4	1470.6	1599.2	1801.3	2107.1	2567.9	3348.6	4674.2
5°	1139.2	1232.9	1306.6	1386.7	1476.7	1608.5	1819.2	2138.9	2620.9	3456.2	4873.2
2.5°	1143.0	1234.1	1307.0	1387.6	1481.1	1612.6	1828.6	2156.4	2662.5	3507.2	4980.1
0°	1144.3	1232.9	1305.5	1386.0	1482.7	1611.7	1829.2	2159.6	2683.4	3505.4	4996.2
-2.5°	1143.0	1234.1	1307.0	1387.6	1481.1	1612.6	1828.6	2156.4	2662.5	3507.2	4980.1
-5°	1139.2	1232.9	1306.6	1386.7	1476.7	1608.5	1819.2	2138.9	2620.9	3456.2	4873.2
-7.5°	1132.8	1229.1	1304.1	1383.4	1470.6	1599.2	1801.3	2107.1	2567.9	3348.6	4674.2
-10°	1124.2	1222.8	1299.6	1377.6	1463.3	1585.2	1774.8	2061.3	2491.3	3198.0	4391.3
-12.5°	1114.8	1214.2	1293.1	1369.4	1453.2	1566.3	1740.0	2001.9	2391.3	3006.3	4034.0
-15°	1103.0	1203.3	1284.7	1358.9	1440.2	1542.7	1697.2	1929.2	2270.6	2784.9	3615.1
-17.5°	1088.7	1190.0	1274.4	1346.0	1424.4	1514.5	1647.1	1852.2	2154.4	2604.8	3330.8
-20°	1072.0	1174.5	1262.2	1330.8	1406.3	1489.8	1611.2	1793.2	2054.3	2431.5	3004.6

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627707 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1053.0	1156.8	1245.8	1315.1	1387.7	1468.1	1574.2	1725.2	1941.7	2232.9	2681.9
-25°	1031.7	1133.3	1224.0	1298.4	1367.6	1441.7	1532.8	1653.4	1841.2	2090.7	2438.7
-27.5°	1008.1	1107.4	1201.3	1279.2	1346.1	1412.9	1496.7	1604.1	1746.9	1940.0	2197.6
-30°	982.5	1080.2	1177.5	1256.3	1323.0	1387.8	1459.4	1547.9	1656.4	1818.3	2025.4
-32.5°	954.8	1050.3	1147.3	1228.6	1297.0	1361.6	1420.4	1499.0	1591.8	1702.6	1864.5
-35°	924.9	1017.7	1111.9	1200.5	1268.3	1330.5	1387.7	1450.7	1527.9	1621.0	1735.4
-37.5°	892.5	982.3	1073.5	1165.8	1237.1	1295.7	1351.0	1407.5	1473.6	1544.9	1634.2
-40°	857.9	944.4	1032.2	1121.1	1202.3	1259.2	1313.2	1363.9	1420.7	1482.2	1548.0
-42.5°	821.0	904.0	988.2	1073.6	1155.0	1219.2	1274.3	1322.2	1369.0	1420.7	1477.5
-45°	782.1	861.2	941.5	1024.3	1104.8	1173.5	1228.7	1280.9	1320.7	1364.4	1411.4
-47.5°	742.2	816.7	892.6	972.8	1051.7	1122.8	1180.0	1228.4	1271.0	1309.7	1350.7
-50°	700.6	772.1	843.1	919.4	994.3	1067.9	1130.2	1176.5	1218.1	1254.0	1288.7
-52.5°	656.3	726.6	793.8	864.2	935.1	1004.7	1070.9	1123.8	1164.7	1201.5	1234.6
-55°	610.5	677.2	742.4	807.3	874.1	939.7	1003.1	1060.1	1110.1	1146.1	1181.5
-57.5°	563.5	624.9	686.1	748.1	809.9	872.6	930.9	990.9	1042.0	1085.2	1121.9
-60°	515.3	570.8	626.0	683.5	742.2	798.4	853.9	908.5	963.5	1014.8	1046.4
-62.5°	465.3	515.3	564.7	615.2	668.3	720.5	770.0	820.2	871.3	915.9	954.7
-65°	411.0	458.0	502.6	547.0	591.6	638.1	683.4	727.1	771.2	813.7	852.0
-67.5°	355.6	398.6	439.4	478.2	517.5	557.1	595.4	634.7	672.6	710.7	747.1
-70°	305.3	339.6	375.8	410.7	444.1	477.7	511.7	544.5	576.5	609.3	641.8
-72.5°	255.4	285.5	314.8	343.4	373.0	401.9	429.7	456.6	484.3	512.5	539.5
-75°	207.4	231.1	256.0	280.5	304.3	327.4	349.9	372.9	396.1	419.2	441.2
-77.5°	160.9	181.6	201.1	219.4	236.9	256.1	274.7	292.5	311.1	329.4	347.0
-80°	117.4	132.0	148.7	164.5	178.3	191.5	204.2	216.4	229.7	243.9	258.3
-82.5°	79.9	90.3	101.0	111.8	121.3	130.4	139.3	148.4	157.6	166.7	175.7
-85°	44.7	48.4	54.8	61.3	67.6	73.6	79.4	85.0	90.4	95.5	100.3
-87.5°	22.3	24.2	26.0	27.8	29.5	31.1	32.7	34.2	35.7	37.1	38.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627707 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	39.6	39.1	38.4	37.6	36.5	39.1	41.7	44.2	46.7	45.3	43.7
85°	104.9	107.2	109.2	110.9	112.3	117.3	122.2	126.7	130.9	130.8	130.3
82.5°	184.6	190.5	195.6	200.2	204.3	210.1	215.4	219.9	223.8	226.6	229.1
80°	272.0	281.7	289.9	297.4	304.1	311.8	319.0	325.4	331.0	334.0	335.9
77.5°	364.3	378.4	391.0	403.0	414.4	425.6	436.0	445.1	453.1	455.0	454.6
75°	462.1	481.0	498.8	515.2	530.4	543.5	554.5	563.8	571.4	575.1	577.2
72.5°	565.2	588.5	609.4	628.2	644.4	657.8	669.4	679.5	688.0	693.4	696.7
70°	672.6	700.2	721.6	739.4	753.2	766.6	781.5	795.8	809.2	816.8	819.7
67.5°	780.4	808.9	828.6	844.7	857.4	870.6	889.4	906.5	921.6	931.8	938.3
65°	885.8	915.9	935.6	951.1	962.7	975.9	997.0	1013.9	1026.8	1037.0	1046.2
62.5°	990.0	1020.3	1042.3	1060.6	1077.6	1092.1	1109.4	1123.6	1134.6	1144.7	1156.1
60°	1080.3	1116.3	1139.3	1158.0	1178.9	1201.6	1214.3	1224.9	1234.2	1242.3	1249.3
57.5°	1154.1	1186.2	1215.8	1238.2	1259.9	1281.0	1296.1	1306.0	1314.1	1320.1	1322.5
55°	1215.8	1248.9	1281.9	1306.2	1327.7	1347.4	1363.9	1376.9	1387.6	1396.0	1398.1
52.5°	1271.1	1308.3	1340.8	1368.7	1397.1	1420.3	1438.4	1456.1	1471.5	1484.0	1489.3
50°	1331.3	1370.2	1410.7	1448.2	1478.3	1504.8	1526.8	1551.8	1578.2	1599.9	1613.6
47.5°	1394.6	1439.4	1488.3	1534.4	1570.2	1609.4	1646.0	1683.1	1732.0	1773.1	1803.6
45°	1460.7	1518.4	1574.1	1632.8	1682.2	1756.2	1824.9	1884.0	1962.4	2033.5	2090.1
42.5°	1538.9	1610.6	1679.1	1773.1	1871.4	1972.5	2081.7	2174.9	2297.6	2422.4	2523.2
40°	1631.5	1723.1	1843.7	1969.9	2125.2	2264.2	2452.8	2620.9	2809.0	3046.9	3243.4
37.5°	1742.9	1884.2	2051.9	2227.7	2469.9	2701.2	3013.0	3341.5	3639.6	4097.2	4482.2
35°	1887.7	2085.2	2306.0	2617.2	2959.9	3393.5	3879.8	4514.3	5058.5	5830.4	6568.1
32.5°	2074.3	2328.1	2688.8	3169.2	3675.8	4462.8	5234.5	6336.3	7356.6	8580.0	9900.4
30°	2281.9	2668.2	3219.2	3878.2	4823.2	5981.0	7341.4	9033.6	10885.6	12605.1	14299.6
27.5°	2582.7	3136.2	3860.2	4923.5	6396.2	8016.1	10399.6	12696.7	15093.3	17223.7	19000.5
25°	2934.1	3665.5	4784.9	6350.6	8342.3	11116.3	13969.4	16804.5	19381.9	21612.3	23575.4
22.5°	3387.6	4439.6	5931.9	7960.0	11061.4	14386.2	17731.8	20858.9	23608.3	26091.9	28217.1
20°	3881.1	5197.4	7328.5	10352.7	13899.4	17687.3	21464.9	24796.0	27823.3	30639.3	33034.4
17.5°	4506.4	6349.8	9048.6	12676.5	16777.0	20927.1	24895.8	28510.6	31945.2	34925.0	37427.6
15°	5039.3	7364.8	10887.1	15141.9	19577.2	23954.9	28144.8	32071.3	35642.1	38699.5	41052.1
12.5°	5750.2	8502.4	12519.3	17261.2	22067.6	26674.0	31087.2	35145.5	38779.5	41803.2	43634.6
10°	6422.2	9680.0	14096.9	19042.1	24035.5	28943.5	33655.6	37817.8	41191.6	43597.0	45157.8
7.5°	6993.5	10692.2	15380.3	20481.6	25599.1	30730.3	35500.2	39549.9	42660.8	44669.6	45756.1
5°	7420.1	11448.8	16332.9	21651.3	26902.5	32123.9	36856.6	40658.3	43347.0	44839.3	45384.8
2.5°	7691.9	11893.1	16885.7	22418.7	27774.9	33005.7	37786.9	41529.0	43810.2	44799.3	44893.3
0°	7800.5	11950.5	16970.9	22821.3	27994.7	33256.9	38051.6	41887.4	43982.5	44796.4	44780.3
-2.5°	7691.9	11893.1	16885.7	22418.7	27774.9	33005.7	37786.9	41529.0	43810.2	44799.3	44893.3
-5°	7420.1	11448.8	16332.9	21651.3	26902.5	32123.9	36856.6	40658.3	43347.0	44839.3	45384.8
-7.5°	6993.5	10692.2	15380.3	20481.6	25599.1	30730.3	35500.2	39549.9	42660.8	44669.6	45756.1
-10°	6422.2	9680.0	14096.9	19042.1	24035.5	28943.5	33655.6	37817.8	41191.6	43597.0	45157.8
-12.5°	5750.2	8502.4	12519.3	17261.2	22067.6	26674.0	31087.2	35145.5	38779.5	41803.2	43634.6
-15°	5039.3	7364.8	10887.1	15141.9	19577.2	23954.9	28144.8	32071.3	35642.1	38699.5	41052.1
-17.5°	4506.4	6349.8	9048.6	12676.5	16777.0	20927.1	24895.8	28510.6	31945.2	34925.0	37427.6
-20°	3881.1	5197.4	7328.5	10352.7	13899.4	17687.3	21464.9	24796.0	27823.3	30639.3	33034.4



REPORT NUMBER: P627707 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3387.6	4439.6	5931.9	7960.0	11061.4	14386.2	17731.8	20858.9	23608.3	26091.9	28217.1
-25°	2934.1	3665.5	4784.9	6350.6	8342.3	11116.3	13969.4	16804.5	19381.9	21612.3	23575.4
-27.5°	2582.7	3136.2	3860.2	4923.5	6396.2	8016.1	10399.6	12696.7	15093.3	17223.7	19000.5
-30°	2281.9	2668.2	3219.2	3878.2	4823.2	5981.0	7341.4	9033.6	10885.6	12605.1	14299.6
-32.5°	2074.3	2328.1	2688.8	3169.2	3675.8	4462.8	5234.5	6336.3	7356.6	8580.0	9900.4
-35°	1887.7	2085.2	2306.0	2617.2	2959.9	3393.5	3879.8	4514.3	5058.5	5830.4	6568.1
-37.5°	1742.9	1884.2	2051.9	2227.7	2469.9	2701.2	3013.0	3341.5	3639.6	4097.2	4482.2
-40°	1631.5	1723.1	1843.7	1969.9	2125.2	2264.2	2452.8	2620.9	2809.0	3046.9	3243.4
-42.5°	1538.9	1610.6	1679.1	1773.1	1871.4	1972.5	2081.7	2174.9	2297.6	2422.4	2523.2
-45°	1460.7	1518.4	1574.1	1632.8	1682.2	1756.2	1824.9	1884.0	1962.4	2033.5	2090.1
-47.5°	1394.6	1439.4	1488.3	1534.4	1570.2	1609.4	1646.0	1683.1	1732.0	1773.1	1803.6
-50°	1331.3	1370.2	1410.7	1448.2	1478.3	1504.8	1526.8	1551.8	1578.2	1599.9	1613.6
-52.5°	1271.1	1308.3	1340.8	1368.7	1397.1	1420.3	1438.4	1456.1	1471.5	1484.0	1489.3
-55°	1215.8	1248.9	1281.9	1306.2	1327.7	1347.4	1363.9	1376.9	1387.6	1396.0	1398.1
-57.5°	1154.1	1186.2	1215.8	1238.2	1259.9	1281.0	1296.1	1306.0	1314.1	1320.1	1322.5
-60°	1080.3	1116.3	1139.3	1158.0	1178.9	1201.6	1214.3	1224.9	1234.2	1242.3	1249.3
-62.5°	990.0	1020.3	1042.3	1060.6	1077.6	1092.1	1109.4	1123.6	1134.6	1144.7	1156.1
-65°	885.8	915.9	935.6	951.1	962.7	975.9	997.0	1013.9	1026.8	1037.0	1046.2
-67.5°	780.4	808.9	828.6	844.7	857.4	870.6	889.4	906.5	921.6	931.8	938.3
-70°	672.6	700.2	721.6	739.4	753.2	766.6	781.5	795.8	809.2	816.8	819.7
-72.5°	565.2	588.5	609.4	628.2	644.4	657.8	669.4	679.5	688.0	693.4	696.7
-75°	462.1	481.0	498.8	515.2	530.4	543.5	554.5	563.8	571.4	575.1	577.2
-77.5°	364.3	378.4	391.0	403.0	414.4	425.6	436.0	445.1	453.1	455.0	454.6
-80°	272.0	281.7	289.9	297.4	304.1	311.8	319.0	325.4	331.0	334.0	335.9
-82.5°	184.6	190.5	195.6	200.2	204.3	210.1	215.4	219.9	223.8	226.6	229.1
-85°	104.9	107.2	109.2	110.9	112.3	117.3	122.2	126.7	130.9	130.8	130.3
-87.5°	39.6	39.1	38.4	37.6	36.5	39.1	41.7	44.2	46.7	45.3	43.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627707 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	42.0	40.2	40.3	40.3	40.3	40.2	42.0	43.7	45.3	46.7	44.2
85°	129.4	128.2	124.8	120.9	124.8	128.2	129.4	130.3	130.8	130.9	126.7
82.5°	231.0	232.5	229.4	225.6	229.4	232.5	231.0	229.1	226.6	223.8	219.9
80°	336.9	336.9	334.1	330.4	334.1	336.9	336.9	335.9	334.0	331.0	325.4
77.5°	452.7	449.4	450.7	451.3	450.7	449.4	452.7	454.6	455.0	453.1	445.1
75°	578.0	577.5	575.6	572.1	575.6	577.5	578.0	577.2	575.1	571.4	563.8
72.5°	698.2	698.2	696.4	693.0	696.4	698.2	698.2	696.7	693.4	688.0	679.5
70°	820.4	818.9	821.0	822.0	821.0	818.9	820.4	819.7	816.8	809.2	795.8
67.5°	943.3	946.6	946.1	942.8	946.1	946.6	943.3	938.3	931.8	921.6	906.5
65°	1053.6	1059.1	1062.5	1063.7	1062.5	1059.1	1053.6	1046.2	1037.0	1026.8	1013.9
62.5°	1165.0	1171.4	1171.8	1168.5	1171.8	1171.4	1165.0	1156.1	1144.7	1134.6	1123.6
60°	1253.2	1254.2	1252.7	1249.0	1252.7	1254.2	1253.2	1249.3	1242.3	1234.2	1224.9
57.5°	1322.5	1320.2	1317.4	1313.5	1317.4	1320.2	1322.5	1322.5	1320.1	1314.1	1306.0
55°	1397.0	1393.2	1389.8	1386.0	1389.8	1393.2	1397.0	1398.1	1396.0	1387.6	1376.9
52.5°	1490.5	1488.5	1486.2	1482.7	1486.2	1488.5	1490.5	1489.3	1484.0	1471.5	1456.1
50°	1620.6	1622.7	1622.5	1619.7	1622.5	1622.7	1620.6	1613.6	1599.9	1578.2	1551.8
47.5°	1822.9	1833.7	1841.0	1845.4	1841.0	1833.7	1822.9	1803.6	1773.1	1732.0	1683.1
45°	2126.3	2147.8	2163.0	2175.8	2163.0	2147.8	2126.3	2090.1	2033.5	1962.4	1884.0
42.5°	2594.1	2642.3	2665.1	2659.3	2665.1	2642.3	2594.1	2523.2	2422.4	2297.6	2174.9
40°	3374.4	3452.1	3495.2	3529.6	3495.2	3452.1	3374.4	3243.4	3046.9	2809.0	2620.9
37.5°	4745.0	4895.9	4975.4	5044.5	4975.4	4895.9	4745.0	4482.2	4097.2	3639.6	3341.5
35°	7119.2	7458.7	7640.6	7703.8	7640.6	7458.7	7119.2	6568.1	5830.4	5058.5	4514.3
32.5°	10927.8	11554.1	11900.5	12168.1	11900.5	11554.1	10927.8	9900.4	8580.0	7356.6	6336.3
30°	15641.3	16466.3	16924.5	17148.2	16924.5	16466.3	15641.3	14299.6	12605.1	10885.6	9033.6
27.5°	20473.2	21411.1	21905.1	21878.5	21905.1	21411.1	20473.2	19000.5	17223.7	15093.3	12696.7
25°	25258.5	26344.8	26837.0	27277.6	26837.0	26344.8	25258.5	23575.4	21612.3	19381.9	16804.5
22.5°	30098.2	31368.4	32061.5	32386.6	32061.5	31368.4	30098.2	28217.1	26091.9	23608.3	20858.9
20°	34880.3	36294.3	37030.2	37350.5	37030.2	36294.3	34880.3	33034.4	30639.3	27823.3	24796.0
17.5°	39121.5	40501.9	41203.3	41500.6	41203.3	40501.9	39121.5	37427.6	34925.0	31945.2	28510.6
15°	42508.1	43526.3	44122.7	44280.7	44122.7	43526.3	42508.1	41052.1	38699.5	35642.1	32071.3
12.5°	44849.1	45243.5	45530.3	45618.4	45530.3	45243.5	44849.1	43634.6	41803.2	38779.5	35145.5
10°	46045.9	45867.9	45794.4	45803.7	45794.4	45867.9	46045.9	45157.8	43597.0	41191.6	37817.8
7.5°	45963.6	45700.1	45170.8	45086.5	45170.8	45700.1	45963.6	45756.1	44669.6	42660.8	39549.9
5°	45303.2	44823.4	43945.0	43692.4	43945.0	44823.4	45303.2	45384.8	44839.3	43347.0	40658.3
2.5°	44533.5	43668.6	42859.4	42338.6	42859.4	43668.6	44533.5	44893.3	44799.3	43810.2	41529.0
0°	44304.9	43305.6	42258.0	41919.6	42258.0	43305.6	44304.9	44780.3	44796.4	43982.5	41887.4
-2.5°	44533.5	43668.6	42859.4	42338.6	42859.4	43668.6	44533.5	44893.3	44799.3	43810.2	41529.0
-5°	45303.2	44823.4	43945.0	43692.4	43945.0	44823.4	45303.2	45384.8	44839.3	43347.0	40658.3
-7.5°	45963.6	45700.1	45170.8	45086.5	45170.8	45700.1	45963.6	45756.1	44669.6	42660.8	39549.9
-10°	46045.9	45867.9	45794.4	45803.7	45794.4	45867.9	46045.9	45157.8	43597.0	41191.6	37817.8
-12.5°	44849.1	45243.5	45530.3	45618.4	45530.3	45243.5	44849.1	43634.6	41803.2	38779.5	35145.5
-15°	42508.1	43526.3	44122.7	44280.7	44122.7	43526.3	42508.1	41052.1	38699.5	35642.1	32071.3
-17.5°	39121.5	40501.9	41203.3	41500.6	41203.3	40501.9	39121.5	37427.6	34925.0	31945.2	28510.6
-20°	34880.3	36294.3	37030.2	37350.5	37030.2	36294.3	34880.3	33034.4	30639.3	27823.3	24796.0



REPORT NUMBER: P627707 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	30098.2	31368.4	32061.5	32386.6	32061.5	31368.4	30098.2	28217.1	26091.9	23608.3	20858.9
-25°	25258.5	26344.8	26837.0	27277.6	26837.0	26344.8	25258.5	23575.4	21612.3	19381.9	16804.5
-27.5°	20473.2	21411.1	21905.1	21878.5	21905.1	21411.1	20473.2	19000.5	17223.7	15093.3	12696.7
-30°	15641.3	16466.3	16924.5	17148.2	16924.5	16466.3	15641.3	14299.6	12605.1	10885.6	9033.6
-32.5°	10927.8	11554.1	11900.5	12168.1	11900.5	11554.1	10927.8	9900.4	8580.0	7356.6	6336.3
-35°	7119.2	7458.7	7640.6	7703.8	7640.6	7458.7	7119.2	6568.1	5830.4	5058.5	4514.3
-37.5°	4745.0	4895.9	4975.4	5044.5	4975.4	4895.9	4745.0	4482.2	4097.2	3639.6	3341.5
-40°	3374.4	3452.1	3495.2	3529.6	3495.2	3452.1	3374.4	3243.4	3046.9	2809.0	2620.9
-42.5°	2594.1	2642.3	2665.1	2659.3	2665.1	2642.3	2594.1	2523.2	2422.4	2297.6	2174.9
-45°	2126.3	2147.8	2163.0	2175.8	2163.0	2147.8	2126.3	2090.1	2033.5	1962.4	1884.0
-47.5°	1822.9	1833.7	1841.0	1845.4	1841.0	1833.7	1822.9	1803.6	1773.1	1732.0	1683.1
-50°	1620.6	1622.7	1622.5	1619.7	1622.5	1622.7	1620.6	1613.6	1599.9	1578.2	1551.8
-52.5°	1490.5	1488.5	1486.2	1482.7	1486.2	1488.5	1490.5	1489.3	1484.0	1471.5	1456.1
-55°	1397.0	1393.2	1389.8	1386.0	1389.8	1393.2	1397.0	1398.1	1396.0	1387.6	1376.9
-57.5°	1322.5	1320.2	1317.4	1313.5	1317.4	1320.2	1322.5	1322.5	1320.1	1314.1	1306.0
-60°	1253.2	1254.2	1252.7	1249.0	1252.7	1254.2	1253.2	1249.3	1242.3	1234.2	1224.9
-62.5°	1165.0	1171.4	1171.8	1168.5	1171.8	1171.4	1165.0	1156.1	1144.7	1134.6	1123.6
-65°	1053.6	1059.1	1062.5	1063.7	1062.5	1059.1	1053.6	1046.2	1037.0	1026.8	1013.9
-67.5°	943.3	946.6	946.1	942.8	946.1	946.6	943.3	938.3	931.8	921.6	906.5
-70°	820.4	818.9	821.0	822.0	821.0	818.9	820.4	819.7	816.8	809.2	795.8
-72.5°	698.2	698.2	696.4	693.0	696.4	698.2	698.2	696.7	693.4	688.0	679.5
-75°	578.0	577.5	575.6	572.1	575.6	577.5	578.0	577.2	575.1	571.4	563.8
-77.5°	452.7	449.4	450.7	451.3	450.7	449.4	452.7	454.6	455.0	453.1	445.1
-80°	336.9	336.9	334.1	330.4	334.1	336.9	336.9	335.9	334.0	331.0	325.4
-82.5°	231.0	232.5	229.4	225.6	229.4	232.5	231.0	229.1	226.6	223.8	219.9
-85°	129.4	128.2	124.8	120.9	124.8	128.2	129.4	130.3	130.8	130.9	126.7
-87.5°	42.0	40.2	40.3	40.3	40.3	40.2	42.0	43.7	45.3	46.7	44.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627707 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	41.7	39.1	36.5	37.6	38.4	39.1	39.6	38.4	37.1	35.7	34.2
85°	122.2	117.3	112.3	110.9	109.2	107.2	104.9	100.3	95.5	90.4	85.0
82.5°	215.4	210.1	204.3	200.2	195.6	190.5	184.6	175.7	166.7	157.6	148.4
80°	319.0	311.8	304.1	297.4	289.9	281.7	272.0	258.3	243.9	229.7	216.4
77.5°	436.0	425.6	414.4	403.0	391.0	378.4	364.3	347.0	329.4	311.1	292.5
75°	554.5	543.5	530.4	515.2	498.8	481.0	462.1	441.2	419.2	396.1	372.9
72.5°	669.4	657.8	644.4	628.2	609.4	588.5	565.2	539.5	512.5	484.3	456.6
70°	781.5	766.6	753.2	739.4	721.6	700.2	672.6	641.8	609.3	576.5	544.5
67.5°	889.4	870.6	857.4	844.7	828.6	808.9	780.4	747.1	710.7	672.6	634.7
65°	997.0	975.9	962.7	951.1	935.6	915.9	885.8	852.0	813.7	771.2	727.1
62.5°	1109.4	1092.1	1077.6	1060.6	1042.3	1020.3	990.0	954.7	915.9	871.3	820.2
60°	1214.3	1201.6	1178.9	1158.0	1139.3	1116.3	1080.3	1046.4	1014.8	963.5	908.5
57.5°	1296.1	1281.0	1259.9	1238.2	1215.8	1186.2	1154.1	1121.9	1085.2	1042.0	990.9
55°	1363.9	1347.4	1327.7	1306.2	1281.9	1248.9	1215.8	1181.5	1146.1	1110.1	1060.1
52.5°	1438.4	1420.3	1397.1	1368.7	1340.8	1308.3	1271.1	1234.6	1201.5	1164.7	1123.8
50°	1526.8	1504.8	1478.3	1448.2	1410.7	1370.2	1331.3	1288.7	1254.0	1218.1	1176.5
47.5°	1646.0	1609.4	1570.2	1534.4	1488.3	1439.4	1394.6	1350.7	1309.7	1271.0	1228.4
45°	1824.9	1756.2	1682.2	1632.8	1574.1	1518.4	1460.7	1411.4	1364.4	1320.7	1280.9
42.5°	2081.7	1972.5	1871.4	1773.1	1679.1	1610.6	1538.9	1477.5	1420.7	1369.0	1322.2
40°	2452.8	2264.2	2125.2	1969.9	1843.7	1723.1	1631.5	1548.0	1482.2	1420.7	1363.9
37.5°	3013.0	2701.2	2469.9	2227.7	2051.9	1884.2	1742.9	1634.2	1544.9	1473.6	1407.5
35°	3879.8	3393.5	2959.9	2617.2	2306.0	2085.2	1887.7	1735.4	1621.0	1527.9	1450.7
32.5°	5234.5	4462.8	3675.8	3169.2	2688.8	2328.1	2074.3	1864.5	1702.6	1591.8	1499.0
30°	7341.4	5981.0	4823.2	3878.2	3219.2	2668.2	2281.9	2025.4	1818.3	1656.4	1547.9
27.5°	10399.6	8016.1	6396.2	4923.5	3860.2	3136.2	2582.7	2197.6	1940.0	1746.9	1604.1
25°	13969.4	11116.3	8342.3	6350.6	4784.9	3665.5	2934.1	2438.7	2090.7	1841.2	1653.4
22.5°	17731.8	14386.2	11061.4	7960.0	5931.9	4439.6	3387.6	2681.9	2232.9	1941.7	1725.2
20°	21464.9	17687.3	13899.4	10352.7	7328.5	5197.4	3881.1	3004.6	2431.5	2054.3	1793.2
17.5°	24895.8	20927.1	16777.0	12676.5	9048.6	6349.8	4506.4	3330.8	2604.8	2154.4	1852.2
15°	28144.8	23954.9	19577.2	15141.9	10887.1	7364.8	5039.3	3615.1	2784.9	2270.6	1929.2
12.5°	31087.2	26674.0	22067.6	17261.2	12519.3	8502.4	5750.2	4034.0	3006.3	2391.3	2001.9
10°	33655.6	28943.5	24035.5	19042.1	14096.9	9680.0	6422.2	4391.3	3198.0	2491.3	2061.3
7.5°	35500.2	30730.3	25599.1	20481.6	15380.3	10692.2	6993.5	4674.2	3348.6	2567.9	2107.1
5°	36856.6	32123.9	26902.5	21651.3	16332.9	11448.8	7420.1	4873.2	3456.2	2620.9	2138.9
2.5°	37786.9	33005.7	27774.9	22418.7	16885.7	11893.1	7691.9	4980.1	3507.2	2662.5	2156.4
0°	38051.6	33256.9	27994.7	22821.3	16970.9	11950.5	7800.5	4996.2	3505.4	2683.4	2159.6
-2.5°	37786.9	33005.7	27774.9	22418.7	16885.7	11893.1	7691.9	4980.1	3507.2	2662.5	2156.4
-5°	36856.6	32123.9	26902.5	21651.3	16332.9	11448.8	7420.1	4873.2	3456.2	2620.9	2138.9
-7.5°	35500.2	30730.3	25599.1	20481.6	15380.3	10692.2	6993.5	4674.2	3348.6	2567.9	2107.1
-10°	33655.6	28943.5	24035.5	19042.1	14096.9	9680.0	6422.2	4391.3	3198.0	2491.3	2061.3
-12.5°	31087.2	26674.0	22067.6	17261.2	12519.3	8502.4	5750.2	4034.0	3006.3	2391.3	2001.9
-15°	28144.8	23954.9	19577.2	15141.9	10887.1	7364.8	5039.3	3615.1	2784.9	2270.6	1929.2
-17.5°	24895.8	20927.1	16777.0	12676.5	9048.6	6349.8	4506.4	3330.8	2604.8	2154.4	1852.2
-20°	21464.9	17687.3	13899.4	10352.7	7328.5	5197.4	3881.1	3004.6	2431.5	2054.3	1793.2

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627707 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	17731.8	14386.2	11061.4	7960.0	5931.9	4439.6	3387.6	2681.9	2232.9	1941.7	1725.2
-25°	13969.4	11116.3	8342.3	6350.6	4784.9	3665.5	2934.1	2438.7	2090.7	1841.2	1653.4
-27.5°	10399.6	8016.1	6396.2	4923.5	3860.2	3136.2	2582.7	2197.6	1940.0	1746.9	1604.1
-30°	7341.4	5981.0	4823.2	3878.2	3219.2	2668.2	2281.9	2025.4	1818.3	1656.4	1547.9
-32.5°	5234.5	4462.8	3675.8	3169.2	2688.8	2328.1	2074.3	1864.5	1702.6	1591.8	1499.0
-35°	3879.8	3393.5	2959.9	2617.2	2306.0	2085.2	1887.7	1735.4	1621.0	1527.9	1450.7
-37.5°	3013.0	2701.2	2469.9	2227.7	2051.9	1884.2	1742.9	1634.2	1544.9	1473.6	1407.5
-40°	2452.8	2264.2	2125.2	1969.9	1843.7	1723.1	1631.5	1548.0	1482.2	1420.7	1363.9
-42.5°	2081.7	1972.5	1871.4	1773.1	1679.1	1610.6	1538.9	1477.5	1420.7	1369.0	1322.2
-45°	1824.9	1756.2	1682.2	1632.8	1574.1	1518.4	1460.7	1411.4	1364.4	1320.7	1280.9
-47.5°	1646.0	1609.4	1570.2	1534.4	1488.3	1439.4	1394.6	1350.7	1309.7	1271.0	1228.4
-50°	1526.8	1504.8	1478.3	1448.2	1410.7	1370.2	1331.3	1288.7	1254.0	1218.1	1176.5
-52.5°	1438.4	1420.3	1397.1	1368.7	1340.8	1308.3	1271.1	1234.6	1201.5	1164.7	1123.8
-55°	1363.9	1347.4	1327.7	1306.2	1281.9	1248.9	1215.8	1181.5	1146.1	1110.1	1060.1
-57.5°	1296.1	1281.0	1259.9	1238.2	1215.8	1186.2	1154.1	1121.9	1085.2	1042.0	990.9
-60°	1214.3	1201.6	1178.9	1158.0	1139.3	1116.3	1080.3	1046.4	1014.8	963.5	908.5
-62.5°	1109.4	1092.1	1077.6	1060.6	1042.3	1020.3	990.0	954.7	915.9	871.3	820.2
-65°	997.0	975.9	962.7	951.1	935.6	915.9	885.8	852.0	813.7	771.2	727.1
-67.5°	889.4	870.6	857.4	844.7	828.6	808.9	780.4	747.1	710.7	672.6	634.7
-70°	781.5	766.6	753.2	739.4	721.6	700.2	672.6	641.8	609.3	576.5	544.5
-72.5°	669.4	657.8	644.4	628.2	609.4	588.5	565.2	539.5	512.5	484.3	456.6
-75°	554.5	543.5	530.4	515.2	498.8	481.0	462.1	441.2	419.2	396.1	372.9
-77.5°	436.0	425.6	414.4	403.0	391.0	378.4	364.3	347.0	329.4	311.1	292.5
-80°	319.0	311.8	304.1	297.4	289.9	281.7	272.0	258.3	243.9	229.7	216.4
-82.5°	215.4	210.1	204.3	200.2	195.6	190.5	184.6	175.7	166.7	157.6	148.4
-85°	122.2	117.3	112.3	110.9	109.2	107.2	104.9	100.3	95.5	90.4	85.0
-87.5°	41.7	39.1	36.5	37.6	38.4	39.1	39.6	38.4	37.1	35.7	34.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627707 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	32.7	31.1	29.5	27.8	26.0	24.2	22.3	20.4	17.7	15.2	12.7
85°	79.4	73.6	67.6	61.3	54.8	48.4	44.7	40.8	35.4	30.3	25.4
82.5°	139.3	130.4	121.3	111.8	101.0	90.3	79.9	69.6	58.2	46.2	38.0
80°	204.2	191.5	178.3	164.5	148.7	132.0	117.4	103.3	89.5	74.8	59.2
77.5°	274.7	256.1	236.9	219.4	201.1	181.6	160.9	139.3	120.6	103.3	84.8
75°	349.9	327.4	304.3	280.5	256.0	231.1	207.4	182.5	157.6	132.2	110.2
72.5°	429.7	401.9	373.0	343.4	314.8	285.5	255.4	225.4	196.3	166.8	136.8
70°	511.7	477.7	444.1	410.7	375.8	339.6	305.3	269.9	234.6	200.9	166.8
67.5°	595.4	557.1	517.5	478.2	439.4	398.6	355.6	314.3	274.1	234.6	196.3
65°	683.4	638.1	591.6	547.0	502.6	458.0	411.0	359.5	312.7	268.5	225.4
62.5°	770.0	720.5	668.3	615.2	564.7	515.3	465.3	408.1	351.5	301.7	254.0
60°	853.9	798.4	742.2	683.5	626.0	570.8	515.3	455.3	393.7	333.9	281.9
57.5°	930.9	872.6	809.9	748.1	686.1	624.9	563.5	499.9	434.6	369.0	309.0
55°	1003.1	939.7	874.1	807.3	742.4	677.2	610.5	542.7	474.0	403.9	335.6
52.5°	1070.9	1004.7	935.1	864.2	793.8	726.6	656.3	584.3	511.4	437.6	364.8
50°	1130.2	1067.9	994.3	919.4	843.1	772.1	700.6	624.6	547.6	469.9	393.3
47.5°	1180.0	1122.8	1051.7	972.8	892.6	816.7	742.2	663.5	582.6	500.9	420.6
45°	1228.7	1173.5	1104.8	1024.3	941.5	861.2	782.1	700.9	616.2	530.9	446.7
42.5°	1274.3	1219.2	1155.0	1073.6	988.2	904.0	821.0	736.2	648.4	559.4	471.6
40°	1313.2	1259.2	1202.3	1121.1	1032.2	944.4	857.9	770.3	679.1	586.5	495.1
37.5°	1351.0	1295.7	1237.1	1165.8	1073.5	982.3	892.5	803.0	708.8	612.8	517.2
35°	1387.7	1330.5	1268.3	1200.5	1111.9	1017.7	924.9	833.4	736.5	637.8	537.9
32.5°	1420.4	1361.6	1297.0	1228.6	1147.3	1050.3	954.8	860.3	762.3	661.5	557.1
30°	1459.4	1387.8	1323.0	1256.3	1177.5	1080.2	982.5	885.3	786.1	683.8	575.2
27.5°	1496.7	1412.9	1346.1	1279.2	1201.3	1107.4	1008.1	908.4	807.9	704.2	593.1
25°	1532.8	1441.7	1367.6	1298.4	1224.0	1133.3	1031.7	929.5	827.0	721.9	609.6
22.5°	1574.2	1468.1	1387.7	1315.1	1245.8	1156.8	1053.0	948.7	844.1	737.8	624.7
20°	1611.2	1489.8	1406.3	1330.8	1262.2	1174.5	1072.0	965.8	859.3	751.8	638.3
17.5°	1647.1	1514.5	1424.4	1346.0	1274.4	1190.0	1088.7	980.8	872.7	764.0	650.4
15°	1697.2	1542.7	1440.2	1358.9	1284.7	1203.3	1103.0	993.6	884.1	774.3	661.3
12.5°	1740.0	1566.3	1453.2	1369.4	1293.1	1214.2	1114.8	1004.2	893.5	783.5	670.9
10°	1774.8	1585.2	1463.3	1377.6	1299.6	1222.8	1124.2	1013.2	902.4	791.5	678.9
7.5°	1801.3	1599.2	1470.6	1383.4	1304.1	1229.1	1132.8	1021.2	909.5	797.8	685.0
5°	1819.2	1608.5	1476.7	1386.7	1306.6	1232.9	1139.2	1026.9	914.6	802.2	689.5
2.5°	1828.6	1612.6	1481.1	1387.6	1307.0	1234.1	1143.0	1030.4	917.7	804.9	692.1
0°	1829.2	1611.7	1482.7	1386.0	1305.5	1232.9	1144.3	1031.5	918.7	805.8	693.0
-2.5°	1828.6	1612.6	1481.1	1387.6	1307.0	1234.1	1143.0	1030.4	917.7	804.9	692.1
-5°	1819.2	1608.5	1476.7	1386.7	1306.6	1232.9	1139.2	1026.9	914.6	802.2	689.5
-7.5°	1801.3	1599.2	1470.6	1383.4	1304.1	1229.1	1132.8	1021.2	909.5	797.8	685.0
-10°	1774.8	1585.2	1463.3	1377.6	1299.6	1222.8	1124.2	1013.2	902.4	791.5	678.9
-12.5°	1740.0	1566.3	1453.2	1369.4	1293.1	1214.2	1114.8	1004.2	893.5	783.5	670.9
-15°	1697.2	1542.7	1440.2	1358.9	1284.7	1203.3	1103.0	993.6	884.1	774.3	661.3
-17.5°	1647.1	1514.5	1424.4	1346.0	1274.4	1190.0	1088.7	980.8	872.7	764.0	650.4
-20°	1611.2	1489.8	1406.3	1330.8	1262.2	1174.5	1072.0	965.8	859.3	751.8	638.3



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1574.2	1468.1	1387.7	1315.1	1245.8	1156.8	1053.0	948.7	844.1	737.8	624.7
-25°	1532.8	1441.7	1367.6	1298.4	1224.0	1133.3	1031.7	929.5	827.0	721.9	609.6
-27.5°	1496.7	1412.9	1346.1	1279.2	1201.3	1107.4	1008.1	908.4	807.9	704.2	593.1
-30°	1459.4	1387.8	1323.0	1256.3	1177.5	1080.2	982.5	885.3	786.1	683.8	575.2
-32.5°	1420.4	1361.6	1297.0	1228.6	1147.3	1050.3	954.8	860.3	762.3	661.5	557.1
-35°	1387.7	1330.5	1268.3	1200.5	1111.9	1017.7	924.9	833.4	736.5	637.8	537.9
-37.5°	1351.0	1295.7	1237.1	1165.8	1073.5	982.3	892.5	803.0	708.8	612.8	517.2
-40°	1313.2	1259.2	1202.3	1121.1	1032.2	944.4	857.9	770.3	679.1	586.5	495.1
-42.5°	1274.3	1219.2	1155.0	1073.6	988.2	904.0	821.0	736.2	648.4	559.4	471.6
-45°	1228.7	1173.5	1104.8	1024.3	941.5	861.2	782.1	700.9	616.2	530.9	446.7
-47.5°	1180.0	1122.8	1051.7	972.8	892.6	816.7	742.2	663.5	582.6	500.9	420.6
-50°	1130.2	1067.9	994.3	919.4	843.1	772.1	700.6	624.6	547.6	469.9	393.3
-52.5°	1070.9	1004.7	935.1	864.2	793.8	726.6	656.3	584.3	511.4	437.6	364.8
-55°	1003.1	939.7	874.1	807.3	742.4	677.2	610.5	542.7	474.0	403.9	335.6
-57.5°	930.9	872.6	809.9	748.1	686.1	624.9	563.5	499.9	434.6	369.0	309.0
-60°	853.9	798.4	742.2	683.5	626.0	570.8	515.3	455.3	393.7	333.9	281.9
-62.5°	770.0	720.5	668.3	615.2	564.7	515.3	465.3	408.1	351.5	301.7	254.0
-65°	683.4	638.1	591.6	547.0	502.6	458.0	411.0	359.5	312.7	268.5	225.4
-67.5°	595.4	557.1	517.5	478.2	439.4	398.6	355.6	314.3	274.1	234.6	196.3
-70°	511.7	477.7	444.1	410.7	375.8	339.6	305.3	269.9	234.6	200.9	166.8
-72.5°	429.7	401.9	373.0	343.4	314.8	285.5	255.4	225.4	196.3	166.8	136.8
-75°	349.9	327.4	304.3	280.5	256.0	231.1	207.4	182.5	157.6	132.2	110.2
-77.5°	274.7	256.1	236.9	219.4	201.1	181.6	160.9	139.3	120.6	103.3	84.8
-80°	204.2	191.5	178.3	164.5	148.7	132.0	117.4	103.3	89.5	74.8	59.2
-82.5°	139.3	130.4	121.3	111.8	101.0	90.3	79.9	69.6	58.2	46.2	38.0
-85°	79.4	73.6	67.6	61.3	54.8	48.4	44.7	40.8	35.4	30.3	25.4
-87.5°	32.7	31.1	29.5	27.8	26.0	24.2	22.3	20.4	17.7	15.2	12.7
-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):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	10.4	8.7	7.0	5.3	3.5	1.8	0.0
85°	20.8	17.4	14.0	10.5	7.0	3.5	0.0
82.5°	31.2	26.1	20.9	15.7	10.5	5.3	0.0
80°	43.0	34.7	27.9	20.9	14.0	7.0	0.0
77.5°	65.5	46.9	34.7	26.1	17.4	8.7	0.0
75°	87.8	65.5	43.0	31.2	20.8	10.4	0.0
72.5°	109.9	84.0	57.8	36.3	24.2	12.1	0.0
70°	132.2	102.2	72.4	42.4	27.5	13.8	0.0
67.5°	157.3	120.1	86.7	53.2	30.8	15.4	0.0
65°	182.0	139.0	100.9	63.8	34.0	17.0	0.0
62.5°	206.0	158.8	114.7	74.2	37.2	18.6	0.0
60°	229.5	178.1	128.2	84.3	40.3	20.1	0.0
57.5°	252.9	196.9	143.0	94.2	46.7	21.6	0.0
55°	275.9	215.0	157.3	103.9	53.0	23.1	0.0
52.5°	298.4	232.7	171.2	113.2	59.1	24.5	0.0
50°	320.3	251.1	184.6	122.3	65.0	25.9	0.0
47.5°	341.8	268.8	197.4	131.2	70.6	27.2	0.0
45°	364.1	286.0	209.7	140.4	76.0	28.5	0.0
42.5°	385.3	302.5	221.4	149.1	81.0	29.7	0.0
40°	405.5	318.4	233.2	157.2	85.9	30.9	0.0
37.5°	424.5	333.5	245.3	164.7	90.4	32.0	0.0
35°	442.3	348.2	256.7	171.8	94.6	33.0	0.0
32.5°	458.9	362.2	267.4	178.4	98.6	34.0	0.0
30°	474.2	375.1	277.5	184.6	102.2	34.9	0.0
27.5°	488.3	387.0	286.5	190.2	105.5	35.7	0.0
25°	501.1	397.9	294.6	195.4	108.5	36.5	0.0
22.5°	512.6	407.5	302.0	200.0	111.2	37.2	0.0
20°	522.7	415.7	308.5	204.1	113.6	37.9	0.0
17.5°	531.9	422.9	314.2	207.7	115.6	38.4	0.0
15°	540.2	429.0	319.1	210.8	117.3	38.9	0.0
12.5°	547.3	434.1	323.1	213.3	118.7	39.3	0.0
10°	553.2	438.1	326.3	215.3	119.8	39.7	0.0
7.5°	557.9	441.0	328.6	216.7	120.5	40.0	0.0
5°	561.3	442.8	330.1	217.5	121.0	40.1	0.0
2.5°	563.4	443.6	330.7	217.8	121.1	40.3	0.0
0°	564.1	443.2	330.4	217.6	120.9	40.3	0.0
-2.5°	563.4	443.6	330.7	217.8	121.1	40.3	0.0
-5°	561.3	442.8	330.1	217.5	121.0	40.1	0.0
-7.5°	557.9	441.0	328.6	216.7	120.5	40.0	0.0
-10°	553.2	438.1	326.3	215.3	119.8	39.7	0.0
-12.5°	547.3	434.1	323.1	213.3	118.7	39.3	0.0
-15°	540.2	429.0	319.1	210.8	117.3	38.9	0.0
-17.5°	531.9	422.9	314.2	207.7	115.6	38.4	0.0
-20°	522.7	415.7	308.5	204.1	113.6	37.9	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	512.6	407.5	302.0	200.0	111.2	37.2	0.0
-25°	501.1	397.9	294.6	195.4	108.5	36.5	0.0
-27.5°	488.3	387.0	286.5	190.2	105.5	35.7	0.0
-30°	474.2	375.1	277.5	184.6	102.2	34.9	0.0
-32.5°	458.9	362.2	267.4	178.4	98.6	34.0	0.0
-35°	442.3	348.2	256.7	171.8	94.6	33.0	0.0
-37.5°	424.5	333.5	245.3	164.7	90.4	32.0	0.0
-40°	405.5	318.4	233.2	157.2	85.9	30.9	0.0
-42.5°	385.3	302.5	221.4	149.1	81.0	29.7	0.0
-45°	364.1	286.0	209.7	140.4	76.0	28.5	0.0
-47.5°	341.8	268.8	197.4	131.2	70.6	27.2	0.0
-50°	320.3	251.1	184.6	122.3	65.0	25.9	0.0
-52.5°	298.4	232.7	171.2	113.2	59.1	24.5	0.0
-55°	275.9	215.0	157.3	103.9	53.0	23.1	0.0
-57.5°	252.9	196.9	143.0	94.2	46.7	21.6	0.0
-60°	229.5	178.1	128.2	84.3	40.3	20.1	0.0
-62.5°	206.0	158.8	114.7	74.2	37.2	18.6	0.0
-65°	182.0	139.0	100.9	63.8	34.0	17.0	0.0
-67.5°	157.3	120.1	86.7	53.2	30.8	15.4	0.0
-70°	132.2	102.2	72.4	42.4	27.5	13.8	0.0
-72.5°	109.9	84.0	57.8	36.3	24.2	12.1	0.0
-75°	87.8	65.5	43.0	31.2	20.8	10.4	0.0
-77.5°	65.5	46.9	34.7	26.1	17.4	8.7	0.0
-80°	43.0	34.7	27.9	20.9	14.0	7.0	0.0
-82.5°	31.2	26.1	20.9	15.7	10.5	5.3	0.0
-85°	20.8	17.4	14.0	10.5	7.0	3.5	0.0
-87.5°	10.4	8.7	7.0	5.3	3.5	1.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)