

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: P627987 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-730-U-MWR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627987 (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-SA6E-730-U-MWR-XX  
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N142  
Light Source: (96) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: -

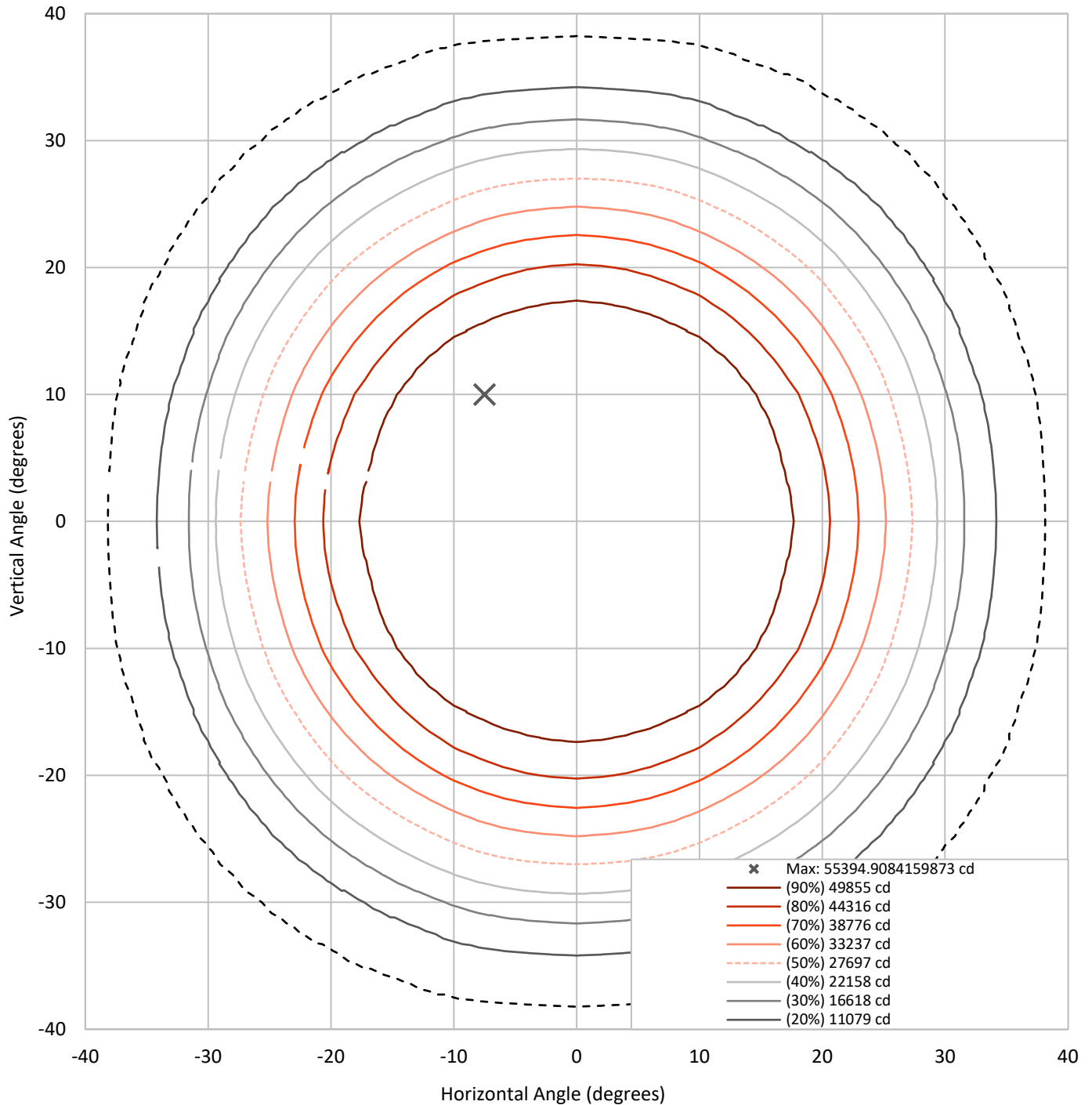
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	47146.3 lumens	Max Intensity:	55394.9 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	125.2 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:	31292.9 lumens	Field Lumens:	40689.7 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	376.7		
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





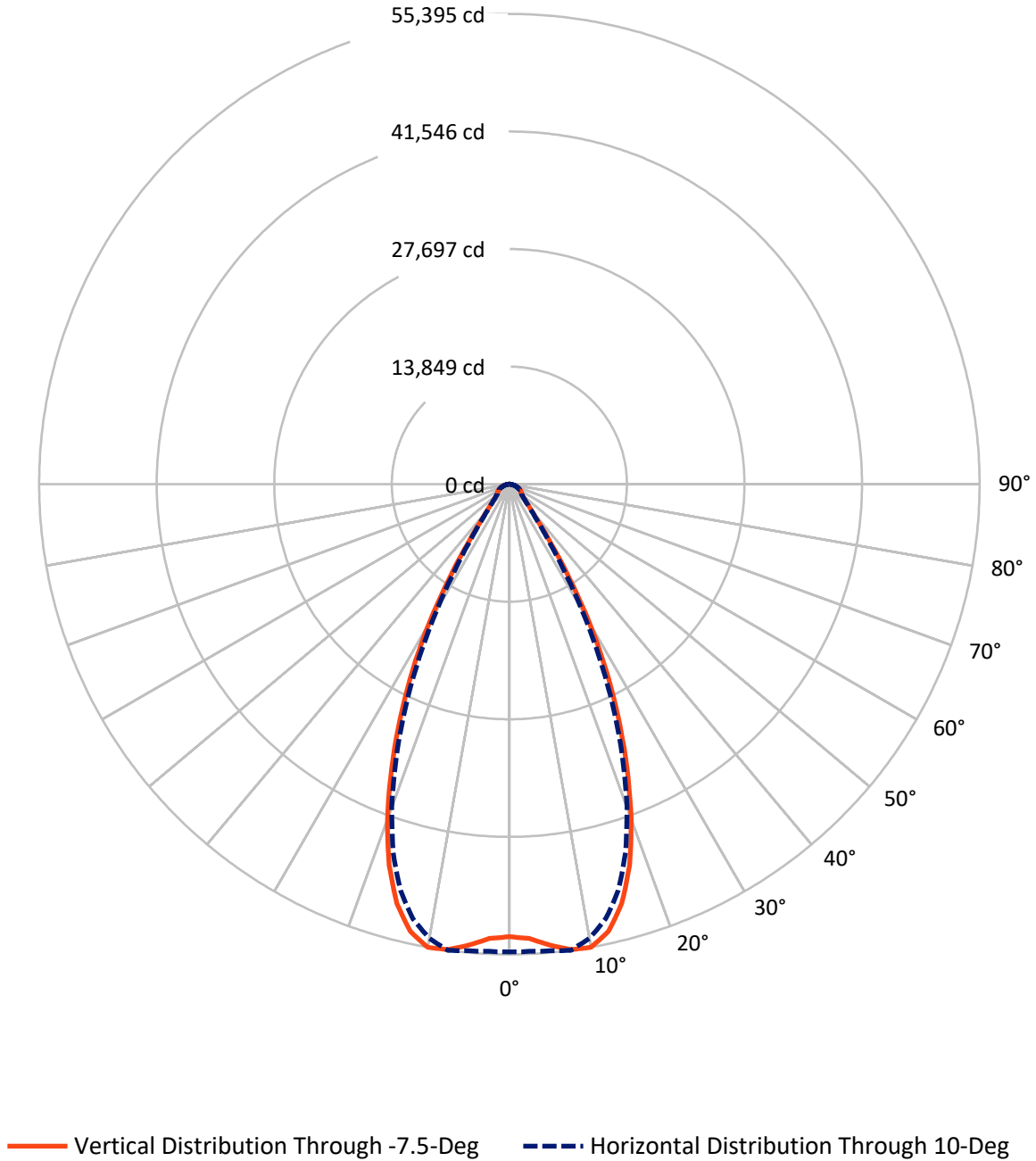
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### Lumen Table

90																			
80	1.2	11.1		29.6		46.8		52.3		46.8		29.6		11.1		1.2			
70																			
60	5.0	5.7	11.6	18.9	26.4	32.1	36.2	38.3	38.3	36.2	32.1	26.4	18.9	11.6	5.7	5.0			
50		8.5	17.0	27.2	36.4	44.0	49.2	51.4	51.4	49.2	44.0	36.4	27.2	17.0	8.5				
40	8.9	10.9	21.5	33.0	44.2	57.6	72.4	83.1	83.1	72.4	57.6	44.2	33.0	21.5	10.9	8.9			
30		13.0	25.0	38.0	58.7	107.2	205.1	304.0	304.0	205.1	107.2	58.7	38.0	25.0	13.0				
20	11.5	14.5	27.3	44.3	96.6	302.7	679.0	948.1	948.1	679.0	302.7	96.6	44.3	27.3	14.5	11.5			
10		15.5	28.7	52.6	174.6	645.2	1232.1	1542.1	1542.1	1232.1	645.2	174.6	52.6	28.7	15.5				
0	12.3	16.0	29.4	59.2	251.3	883.0	1494.8	1626.4	1626.4	1494.8	883.0	251.3	59.2	29.4	16.0	12.3			
-10		16.0	29.4	59.2	251.3	883.0	1494.8	1626.4	1626.4	1494.8	883.0	251.3	59.2	29.4	16.0				
-20	11.5	15.5	28.7	52.6	174.6	645.2	1232.1	1542.1	1542.1	1232.1	645.2	174.6	52.6	28.7	15.5	11.5			
-30		14.5	27.3	44.3	96.6	302.7	679.0	948.1	948.1	679.0	302.7	96.6	44.3	27.3	14.5				
-40	8.9	13.0	25.0	38.0	58.7	107.2	205.1	304.0	304.0	205.1	107.2	58.7	38.0	25.0	13.0	8.9			
-50		10.9	21.5	33.0	44.2	57.6	72.4	83.1	83.1	72.4	57.6	44.2	33.0	21.5	10.9				
-60	5.0	8.5	17.0	27.2	36.4	44.0	49.2	51.4	51.4	49.2	44.0	36.4	27.2	17.0	8.5	5.0			
-70		5.7	11.6	18.9	26.4	32.1	36.2	38.3	38.3	36.2	32.1	26.4	18.9	11.6	5.7				
-80	1.2	11.1		29.6		46.8		52.3		46.8		29.6		11.1		1.2			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

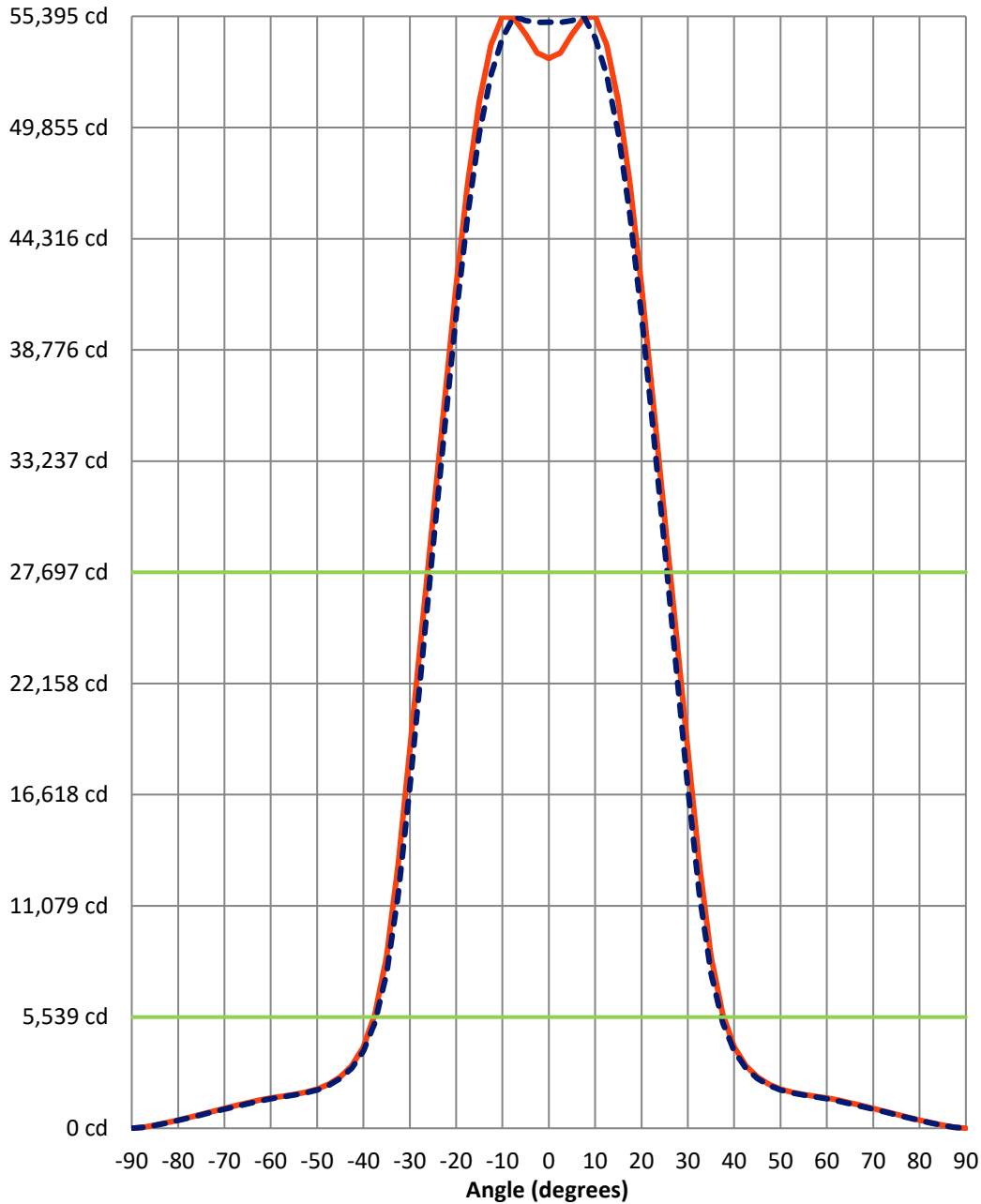
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 51°  
 V Angle: 52.3°  
 Lumens: 31292.9  
 Efficiency: 66.4%

**Field:**  
 H Angle: 74.5°  
 V Angle: 75.5°  
 Lumens: 40689.7  
 Efficiency: 86.3%

**Spill:**  
 Lumens: 6456.6  
 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	2.1	4.2	6.3	8.4	10.5	12.5	15.3	18.2	21.3	24.6
85°	0.0	4.2	8.4	12.6	16.8	21.0	25.1	30.6	36.4	42.6	49.1
82.5°	0.0	6.3	12.6	18.9	25.2	31.4	37.6	45.7	55.6	70.1	83.7
80°	0.0	8.4	16.8	25.2	33.5	41.8	51.7	71.3	90.0	107.7	124.3
77.5°	0.0	10.5	21.0	31.4	41.8	56.4	78.8	102.1	124.3	145.2	167.6
75°	0.0	12.5	25.1	37.6	51.7	78.8	105.7	132.6	159.1	189.6	219.6
72.5°	0.0	14.6	29.1	43.6	69.5	101.0	132.2	164.6	200.6	236.1	271.1
70°	0.0	16.6	33.1	51.0	87.1	122.9	159.0	200.6	241.7	282.2	324.7
67.5°	0.0	18.6	37.1	64.0	104.4	144.5	189.3	236.1	282.2	329.7	378.1
65°	0.0	20.5	41.0	76.7	121.4	167.3	218.9	271.1	323.0	376.2	432.5
62.5°	0.0	22.4	44.7	89.2	138.0	191.1	247.9	305.5	362.9	422.9	491.0
60°	0.0	24.2	48.5	101.5	154.3	214.3	276.0	339.1	401.7	473.7	547.8
57.5°	0.0	26.1	56.2	113.4	172.0	236.8	304.2	371.8	443.9	522.9	601.5
55°	0.0	27.8	63.8	125.0	189.3	258.6	331.9	403.8	486.0	570.3	653.0
52.5°	0.0	29.5	71.2	136.2	206.0	280.0	359.0	438.9	526.5	615.3	703.0
50°	0.0	31.2	78.2	147.1	222.1	302.0	385.3	473.2	565.4	658.9	751.4
47.5°	0.0	32.8	84.9	157.9	237.5	323.4	411.2	506.0	602.6	700.9	798.2
45°	0.0	34.3	91.4	168.9	252.3	344.0	438.0	537.5	638.7	741.3	843.2
42.5°	0.0	35.8	97.5	179.4	266.3	363.9	463.6	567.3	672.9	780.0	885.7
40°	0.0	37.1	103.3	189.1	280.6	383.0	487.8	595.6	705.6	816.9	926.6
37.5°	0.0	38.5	108.7	198.2	295.0	401.2	510.6	622.2	737.1	852.6	965.9
35°	0.0	39.7	113.8	206.7	308.8	418.9	532.1	647.1	767.2	886.0	1002.6
32.5°	0.0	40.9	118.6	214.7	321.7	435.7	552.0	670.2	795.7	917.1	1034.9
30°	0.0	42.0	122.9	222.1	333.8	451.2	570.5	692.0	822.6	945.7	1065.0
27.5°	0.0	43.0	126.9	228.9	344.6	465.6	587.4	713.5	847.1	971.9	1092.8
25°	0.0	44.0	130.5	235.1	354.4	478.6	602.8	733.4	868.4	994.9	1118.3
22.5°	0.0	44.8	133.8	240.6	363.3	490.2	616.6	751.5	887.6	1015.5	1141.3
20°	0.0	45.6	136.6	245.6	371.1	500.1	628.8	767.9	904.5	1033.8	1161.9
17.5°	0.0	46.3	139.1	249.9	378.0	508.7	639.9	782.5	919.2	1049.9	1179.9
15°	0.0	46.8	141.1	253.6	383.9	516.1	649.8	795.6	931.6	1063.6	1195.3
12.5°	0.0	47.3	142.8	256.6	388.7	522.2	658.4	807.2	942.7	1075.0	1208.1
10°	0.0	47.8	144.1	259.0	392.6	527.0	665.5	816.7	952.3	1085.7	1218.9
7.5°	0.0	48.1	145.0	260.7	395.4	530.5	671.2	824.1	959.8	1094.2	1228.5
5°	0.0	48.3	145.5	261.7	397.1	532.7	675.3	829.4	965.2	1100.3	1235.4
2.5°	0.0	48.5	145.6	262.1	397.8	533.6	677.8	832.6	968.4	1104.0	1239.5
0°	0.0	48.5	145.4	261.8	397.5	533.2	678.6	833.7	969.5	1105.2	1240.9
-2.5°	0.0	48.5	145.6	262.1	397.8	533.6	677.8	832.6	968.4	1104.0	1239.5
-5°	0.0	48.3	145.5	261.7	397.1	532.7	675.3	829.4	965.2	1100.3	1235.4
-7.5°	0.0	48.1	145.0	260.7	395.4	530.5	671.2	824.1	959.8	1094.2	1228.5
-10°	0.0	47.8	144.1	259.0	392.6	527.0	665.5	816.7	952.3	1085.7	1218.9
-12.5°	0.0	47.3	142.8	256.6	388.7	522.2	658.4	807.2	942.7	1075.0	1208.1
-15°	0.0	46.8	141.1	253.6	383.9	516.1	649.8	795.6	931.6	1063.6	1195.3
-17.5°	0.0	46.3	139.1	249.9	378.0	508.7	639.9	782.5	919.2	1049.9	1179.9
-20°	0.0	45.6	136.6	245.6	371.1	500.1	628.8	767.9	904.5	1033.8	1161.9

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA6E-730-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	44.8	133.8	240.6	363.3	490.2	616.6	751.5	887.6	1015.5	1141.3
-25°	0.0	44.0	130.5	235.1	354.4	478.6	602.8	733.4	868.4	994.9	1118.3
-27.5°	0.0	43.0	126.9	228.9	344.6	465.6	587.4	713.5	847.1	971.9	1092.8
-30°	0.0	42.0	122.9	222.1	333.8	451.2	570.5	692.0	822.6	945.7	1065.0
-32.5°	0.0	40.9	118.6	214.7	321.7	435.7	552.0	670.2	795.7	917.1	1034.9
-35°	0.0	39.7	113.8	206.7	308.8	418.9	532.1	647.1	767.2	886.0	1002.6
-37.5°	0.0	38.5	108.7	198.2	295.0	401.2	510.6	622.2	737.1	852.6	965.9
-40°	0.0	37.1	103.3	189.1	280.6	383.0	487.8	595.6	705.6	816.9	926.6
-42.5°	0.0	35.8	97.5	179.4	266.3	363.9	463.6	567.3	672.9	780.0	885.7
-45°	0.0	34.3	91.4	168.9	252.3	344.0	438.0	537.5	638.7	741.3	843.2
-47.5°	0.0	32.8	84.9	157.9	237.5	323.4	411.2	506.0	602.6	700.9	798.2
-50°	0.0	31.2	78.2	147.1	222.1	302.0	385.3	473.2	565.4	658.9	751.4
-52.5°	0.0	29.5	71.2	136.2	206.0	280.0	359.0	438.9	526.5	615.3	703.0
-55°	0.0	27.8	63.8	125.0	189.3	258.6	331.9	403.8	486.0	570.3	653.0
-57.5°	0.0	26.1	56.2	113.4	172.0	236.8	304.2	371.8	443.9	522.9	601.5
-60°	0.0	24.2	48.5	101.5	154.3	214.3	276.0	339.1	401.7	473.7	547.8
-62.5°	0.0	22.4	44.7	89.2	138.0	191.1	247.9	305.5	362.9	422.9	491.0
-65°	0.0	20.5	41.0	76.7	121.4	167.3	218.9	271.1	323.0	376.2	432.5
-67.5°	0.0	18.6	37.1	64.0	104.4	144.5	189.3	236.1	282.2	329.7	378.1
-70°	0.0	16.6	33.1	51.0	87.1	122.9	159.0	200.6	241.7	282.2	324.7
-72.5°	0.0	14.6	29.1	43.6	69.5	101.0	132.2	164.6	200.6	236.1	271.1
-75°	0.0	12.5	25.1	37.6	51.7	78.8	105.7	132.6	159.1	189.6	219.6
-77.5°	0.0	10.5	21.0	31.4	41.8	56.4	78.8	102.1	124.3	145.2	167.6
-80°	0.0	8.4	16.8	25.2	33.5	41.8	51.7	71.3	90.0	107.7	124.3
-82.5°	0.0	6.3	12.6	18.9	25.2	31.4	37.6	45.7	55.6	70.1	83.7
-85°	0.0	4.2	8.4	12.6	16.8	21.0	25.1	30.6	36.4	42.6	49.1
-87.5°	0.0	2.1	4.2	6.3	8.4	10.5	12.5	15.3	18.2	21.3	24.6
-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°	26.9	29.1	31.3	33.4	35.4	37.4	39.3	41.1	42.9	44.6	46.2
85°	53.7	58.1	65.9	73.8	81.3	88.5	95.5	102.3	108.7	114.8	120.7
82.5°	96.1	108.6	121.5	134.5	145.9	156.8	167.5	178.6	189.6	200.5	211.4
80°	141.3	158.8	178.8	197.8	214.5	230.3	245.6	260.3	276.3	293.4	310.7
77.5°	193.5	218.4	241.9	263.9	285.0	308.1	330.4	351.9	374.2	396.3	417.4
75°	249.5	278.0	307.9	337.4	366.1	393.9	421.0	448.6	476.6	504.3	530.8
72.5°	307.2	343.4	378.8	413.2	448.8	483.5	517.0	549.3	582.6	616.6	649.1
70°	367.3	408.6	452.1	494.1	534.2	574.7	615.6	655.1	693.6	733.0	772.0
67.5°	427.9	479.6	528.7	575.3	622.6	670.2	716.4	763.5	809.1	855.0	898.8
65°	494.5	551.1	604.7	658.1	711.7	767.7	822.2	874.8	927.8	978.9	1025.0
62.5°	559.9	620.0	679.4	740.1	804.0	866.8	926.4	986.7	1048.2	1101.9	1148.5
60°	619.9	686.7	753.1	822.3	893.0	960.6	1027.3	1092.9	1159.1	1220.7	1258.8
57.5°	678.0	751.8	825.4	899.9	974.3	1049.8	1119.9	1192.0	1253.5	1305.5	1349.6
55°	734.5	814.7	893.1	971.3	1051.6	1130.4	1206.8	1275.3	1335.4	1378.7	1421.4
52.5°	789.5	874.1	955.0	1039.6	1125.0	1208.6	1288.3	1352.0	1401.2	1445.5	1485.3
50°	842.9	928.8	1014.3	1106.1	1196.2	1284.7	1359.7	1415.4	1465.4	1508.6	1550.3
47.5°	892.8	982.5	1073.9	1170.3	1265.2	1350.7	1419.6	1477.9	1529.0	1575.6	1625.0
45°	940.9	1036.0	1132.7	1232.2	1329.1	1411.8	1478.2	1540.9	1588.8	1641.4	1697.9
42.5°	987.6	1087.5	1188.8	1291.6	1389.5	1466.8	1533.1	1590.6	1646.9	1709.2	1777.5
40°	1032.0	1136.2	1241.8	1348.8	1446.5	1514.9	1579.8	1640.9	1709.2	1783.2	1862.3
37.5°	1073.7	1181.8	1291.4	1402.6	1488.3	1558.8	1625.4	1693.3	1772.8	1858.5	1966.0
35°	1112.6	1224.3	1337.6	1444.3	1525.8	1600.7	1669.4	1745.3	1838.1	1950.2	2087.8
32.5°	1148.7	1263.6	1380.2	1478.1	1560.4	1638.1	1708.8	1803.4	1915.0	2048.4	2243.1
30°	1181.9	1299.6	1416.6	1511.3	1591.6	1669.6	1755.7	1862.2	1992.7	2187.5	2436.7
27.5°	1212.8	1332.2	1445.2	1538.9	1619.5	1699.8	1800.6	1929.8	2101.6	2333.9	2643.8
25°	1241.1	1363.4	1472.5	1562.1	1645.3	1734.4	1844.0	1989.2	2215.0	2515.2	2933.8
22.5°	1266.7	1391.6	1498.7	1582.1	1669.5	1766.1	1893.9	2075.5	2335.9	2686.3	3226.4
20°	1289.6	1413.0	1518.4	1601.1	1691.8	1792.3	1938.3	2157.3	2471.4	2925.2	3614.6
17.5°	1309.7	1431.6	1533.1	1619.3	1713.6	1822.0	1981.6	2228.2	2591.8	3133.6	4007.0
15°	1326.9	1447.6	1545.6	1634.8	1732.6	1855.9	2041.8	2320.9	2731.6	3350.4	4349.0
12.5°	1341.1	1460.7	1555.7	1647.5	1748.2	1884.4	2093.3	2408.3	2876.8	3616.7	4853.0
10°	1352.4	1471.1	1563.5	1657.4	1760.5	1907.1	2135.2	2479.8	2997.1	3847.4	5282.9
7.5°	1362.8	1478.7	1568.8	1664.3	1769.2	1924.0	2167.0	2534.9	3089.3	4028.5	5623.2
5°	1370.4	1483.2	1571.8	1668.4	1776.5	1935.1	2188.6	2573.2	3153.0	4158.0	5862.6
2.5°	1375.1	1484.7	1572.4	1669.4	1781.9	1940.1	2199.9	2594.3	3203.1	4219.2	5991.2
0°	1376.6	1483.3	1570.5	1667.5	1783.8	1938.9	2200.7	2598.1	3228.3	4217.1	6010.6
-2.5°	1375.1	1484.7	1572.4	1669.4	1781.9	1940.1	2199.9	2594.3	3203.1	4219.2	5991.2
-5°	1370.4	1483.2	1571.8	1668.4	1776.5	1935.1	2188.6	2573.2	3153.0	4158.0	5862.6
-7.5°	1362.8	1478.7	1568.8	1664.3	1769.2	1924.0	2167.0	2534.9	3089.3	4028.5	5623.2
-10°	1352.4	1471.1	1563.5	1657.4	1760.5	1907.1	2135.2	2479.8	2997.1	3847.4	5282.9
-12.5°	1341.1	1460.7	1555.7	1647.5	1748.2	1884.4	2093.3	2408.3	2876.8	3616.7	4853.0
-15°	1326.9	1447.6	1545.6	1634.8	1732.6	1855.9	2041.8	2320.9	2731.6	3350.4	4349.0
-17.5°	1309.7	1431.6	1533.1	1619.3	1713.6	1822.0	1981.6	2228.2	2591.8	3133.6	4007.0
-20°	1289.6	1413.0	1518.4	1601.1	1691.8	1792.3	1938.3	2157.3	2471.4	2925.2	3614.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627987 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-730-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°	1266.7	1391.6	1498.7	1582.1	1669.5	1766.1	1893.9	2075.5	2335.9	2686.3	3226.4
-25°	1241.1	1363.4	1472.5	1562.1	1645.3	1734.4	1844.0	1989.2	2215.0	2515.2	2933.8
-27.5°	1212.8	1332.2	1445.2	1538.9	1619.5	1699.8	1800.6	1929.8	2101.6	2333.9	2643.8
-30°	1181.9	1299.6	1416.6	1511.3	1591.6	1669.6	1755.7	1862.2	1992.7	2187.5	2436.7
-32.5°	1148.7	1263.6	1380.2	1478.1	1560.4	1638.1	1708.8	1803.4	1915.0	2048.4	2243.1
-35°	1112.6	1224.3	1337.6	1444.3	1525.8	1600.7	1669.4	1745.3	1838.1	1950.2	2087.8
-37.5°	1073.7	1181.8	1291.4	1402.6	1488.3	1558.8	1625.4	1693.3	1772.8	1858.5	1966.0
-40°	1032.0	1136.2	1241.8	1348.8	1446.5	1514.9	1579.8	1640.9	1709.2	1783.2	1862.3
-42.5°	987.6	1087.5	1188.8	1291.6	1389.5	1466.8	1533.1	1590.6	1646.9	1709.2	1777.5
-45°	940.9	1036.0	1132.7	1232.2	1329.1	1411.8	1478.2	1540.9	1588.8	1641.4	1697.9
-47.5°	892.8	982.5	1073.9	1170.3	1265.2	1350.7	1419.6	1477.9	1529.0	1575.6	1625.0
-50°	842.9	928.8	1014.3	1106.1	1196.2	1284.7	1359.7	1415.4	1465.4	1508.6	1550.3
-52.5°	789.5	874.1	955.0	1039.6	1125.0	1208.6	1288.3	1352.0	1401.2	1445.5	1485.3
-55°	734.5	814.7	893.1	971.3	1051.6	1130.4	1206.8	1275.3	1335.4	1378.7	1421.4
-57.5°	678.0	751.8	825.4	899.9	974.3	1049.8	1119.9	1192.0	1253.5	1305.5	1349.6
-60°	619.9	686.7	753.1	822.3	893.0	960.6	1027.3	1092.9	1159.1	1220.7	1258.8
-62.5°	559.9	620.0	679.4	740.1	804.0	866.8	926.4	986.7	1048.2	1101.9	1148.5
-65°	494.5	551.1	604.7	658.1	711.7	767.7	822.2	874.8	927.8	978.9	1025.0
-67.5°	427.9	479.6	528.7	575.3	622.6	670.2	716.4	763.5	809.1	855.0	898.8
-70°	367.3	408.6	452.1	494.1	534.2	574.7	615.6	655.1	693.6	733.0	772.0
-72.5°	307.2	343.4	378.8	413.2	448.8	483.5	517.0	549.3	582.6	616.6	649.1
-75°	249.5	278.0	307.9	337.4	366.1	393.9	421.0	448.6	476.6	504.3	530.8
-77.5°	193.5	218.4	241.9	263.9	285.0	308.1	330.4	351.9	374.2	396.3	417.4
-80°	141.3	158.8	178.8	197.8	214.5	230.3	245.6	260.3	276.3	293.4	310.7
-82.5°	96.1	108.6	121.5	134.5	145.9	156.8	167.5	178.6	189.6	200.5	211.4
-85°	53.7	58.1	65.9	73.8	81.3	88.5	95.5	102.3	108.7	114.8	120.7
-87.5°	26.9	29.1	31.3	33.4	35.4	37.4	39.3	41.1	42.9	44.6	46.2
-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: P627987 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-730-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°	47.7	47.1	46.2	45.2	44.0	47.0	50.1	53.2	56.2	54.5	52.5
85°	126.2	129.0	131.4	133.5	135.2	141.2	147.0	152.4	157.5	157.4	156.7
82.5°	222.0	229.1	235.3	240.8	245.7	252.7	259.0	264.5	269.1	272.6	275.6
80°	327.2	338.8	348.7	357.8	365.9	375.2	383.8	391.5	398.2	401.9	404.1
77.5°	438.3	455.3	470.4	484.9	498.6	512.1	524.5	535.6	545.2	547.4	546.9
75°	556.0	578.7	600.1	619.9	638.2	653.9	667.1	678.3	687.4	691.9	694.4
72.5°	679.9	708.0	733.1	755.7	775.2	791.3	805.3	817.5	827.7	834.2	838.1
70°	809.2	842.3	868.1	889.4	906.1	922.1	940.2	957.4	973.5	982.6	986.1
67.5°	938.8	973.2	996.8	1016.2	1031.5	1047.3	1070.0	1090.5	1108.7	1121.0	1128.8
65°	1065.7	1101.8	1125.6	1144.2	1158.2	1174.1	1199.5	1219.8	1235.3	1247.5	1258.6
62.5°	1191.1	1227.5	1253.9	1276.0	1296.4	1313.9	1334.7	1351.8	1365.0	1377.1	1390.9
60°	1299.7	1342.9	1370.6	1393.1	1418.3	1445.6	1460.9	1473.7	1484.8	1494.5	1503.0
57.5°	1388.4	1427.0	1462.6	1489.5	1515.8	1541.1	1559.2	1571.2	1581.0	1588.2	1591.1
55°	1462.7	1502.5	1542.2	1571.4	1597.2	1620.9	1640.8	1656.5	1669.4	1679.5	1682.0
52.5°	1529.2	1573.9	1613.0	1646.6	1680.8	1708.6	1730.5	1751.7	1770.3	1785.3	1791.8
50°	1601.6	1648.5	1697.1	1742.2	1778.5	1810.4	1836.9	1867.0	1898.7	1924.8	1941.3
47.5°	1677.7	1731.7	1790.5	1846.0	1889.0	1936.3	1980.3	2024.9	2083.8	2133.2	2169.8
45°	1757.3	1826.6	1893.7	1964.2	2023.7	2112.8	2195.5	2266.5	2360.8	2446.4	2514.4
42.5°	1851.3	1937.6	2019.9	2133.0	2251.4	2373.0	2504.5	2616.6	2764.1	2914.3	3035.5
40°	1962.7	2073.0	2218.1	2369.9	2556.7	2724.0	2950.8	3153.0	3379.3	3665.5	3902.0
37.5°	2096.8	2266.7	2468.6	2680.1	2971.4	3249.6	3624.7	4019.9	4378.5	4929.1	5392.2
35°	2271.0	2508.6	2774.3	3148.7	3560.9	4082.5	4667.5	5430.9	6085.6	7014.2	7901.6
32.5°	2495.5	2800.8	3234.7	3812.7	4422.1	5369.0	6297.3	7622.9	8850.3	10322.1	11910.5
30°	2745.2	3209.9	3872.8	4665.6	5802.4	7195.4	8831.9	10867.8	13095.7	15164.4	17202.9
27.5°	3107.2	3773.0	4643.9	5923.1	7694.9	9643.7	12511.1	15274.6	18157.9	20720.9	22858.4
25°	3529.8	4409.7	5756.4	7640.0	10036.1	13373.3	16805.7	20216.4	23317.2	26000.4	28362.1
22.5°	4075.4	5341.0	7136.3	9576.2	13307.3	17307.1	21332.1	25094.1	28401.7	31389.6	33946.2
20°	4669.1	6252.6	8816.5	12454.7	16721.5	21278.4	25823.1	29830.6	33472.5	36860.2	39741.7
17.5°	5421.4	7639.1	10885.9	15250.3	20183.3	25176.1	29950.6	34299.4	38431.2	42016.1	45026.8
15°	6062.5	8860.1	13097.6	18216.2	23552.0	28818.7	33859.2	38583.0	42878.8	46557.0	49387.3
12.5°	6917.6	10228.6	15061.3	20765.9	26548.1	32089.8	37399.1	42281.4	46653.1	50290.8	52494.1
10°	7726.0	11645.4	16959.2	22908.4	28915.7	34820.1	40489.0	45496.3	49555.1	52448.9	54326.6
7.5°	8413.3	12863.1	18503.1	24640.1	30796.6	36969.8	42708.2	47580.1	51322.6	53739.2	55046.4
5°	8926.5	13773.3	19649.1	26047.3	32364.8	38646.3	44339.9	48913.4	52148.0	53943.3	54599.6
2.5°	9253.6	14307.9	20314.1	26970.5	33414.3	39707.0	45459.1	49961.0	52705.3	53895.3	54008.3
0°	9384.3	14377.0	20416.6	27454.9	33678.7	40009.3	45777.5	50392.1	52912.7	53891.8	53872.4
-2.5°	9253.6	14307.9	20314.1	26970.5	33414.3	39707.0	45459.1	49961.0	52705.3	53895.3	54008.3
-5°	8926.5	13773.3	19649.1	26047.3	32364.8	38646.3	44339.9	48913.4	52148.0	53943.3	54599.6
-7.5°	8413.3	12863.1	18503.1	24640.1	30796.6	36969.8	42708.2	47580.1	51322.6	53739.2	55046.4
-10°	7726.0	11645.4	16959.2	22908.4	28915.7	34820.1	40489.0	45496.3	49555.1	52448.9	54326.6
-12.5°	6917.6	10228.6	15061.3	20765.9	26548.1	32089.8	37399.1	42281.4	46653.1	50290.8	52494.1
-15°	6062.5	8860.1	13097.6	18216.2	23552.0	28818.7	33859.2	38583.0	42878.8	46557.0	49387.3
-17.5°	5421.4	7639.1	10885.9	15250.3	20183.3	25176.1	29950.6	34299.4	38431.2	42016.1	45026.8
-20°	4669.1	6252.6	8816.5	12454.7	16721.5	21278.4	25823.1	29830.6	33472.5	36860.2	39741.7

Classified

Cooper Lighting Solutions Photometric Lab  
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627987 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-730-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4075.4	5341.0	7136.3	9576.2	13307.3	17307.1	21332.1	25094.1	28401.7	31389.6	33946.2
-25°	3529.8	4409.7	5756.4	7640.0	10036.1	13373.3	16805.7	20216.4	23317.2	26000.4	28362.1
-27.5°	3107.2	3773.0	4643.9	5923.1	7694.9	9643.7	12511.1	15274.6	18157.9	20720.9	22858.4
-30°	2745.2	3209.9	3872.8	4665.6	5802.4	7195.4	8831.9	10867.8	13095.7	15164.4	17202.9
-32.5°	2495.5	2800.8	3234.7	3812.7	4422.1	5369.0	6297.3	7622.9	8850.3	10322.1	11910.5
-35°	2271.0	2508.6	2774.3	3148.7	3560.9	4082.5	4667.5	5430.9	6085.6	7014.2	7901.6
-37.5°	2096.8	2266.7	2468.6	2680.1	2971.4	3249.6	3624.7	4019.9	4378.5	4929.1	5392.2
-40°	1962.7	2073.0	2218.1	2369.9	2556.7	2724.0	2950.8	3153.0	3379.3	3665.5	3902.0
-42.5°	1851.3	1937.6	2019.9	2133.0	2251.4	2373.0	2504.5	2616.6	2764.1	2914.3	3035.5
-45°	1757.3	1826.6	1893.7	1964.2	2023.7	2112.8	2195.5	2266.5	2360.8	2446.4	2514.4
-47.5°	1677.7	1731.7	1790.5	1846.0	1889.0	1936.3	1980.3	2024.9	2083.8	2133.2	2169.8
-50°	1601.6	1648.5	1697.1	1742.2	1778.5	1810.4	1836.9	1867.0	1898.7	1924.8	1941.3
-52.5°	1529.2	1573.9	1613.0	1646.6	1680.8	1708.6	1730.5	1751.7	1770.3	1785.3	1791.8
-55°	1462.7	1502.5	1542.2	1571.4	1597.2	1620.9	1640.8	1656.5	1669.4	1679.5	1682.0
-57.5°	1388.4	1427.0	1462.6	1489.5	1515.8	1541.1	1559.2	1571.2	1581.0	1588.2	1591.1
-60°	1299.7	1342.9	1370.6	1393.1	1418.3	1445.6	1460.9	1473.7	1484.8	1494.5	1503.0
-62.5°	1191.1	1227.5	1253.9	1276.0	1296.4	1313.9	1334.7	1351.8	1365.0	1377.1	1390.9
-65°	1065.7	1101.8	1125.6	1144.2	1158.2	1174.1	1199.5	1219.8	1235.3	1247.5	1258.6
-67.5°	938.8	973.2	996.8	1016.2	1031.5	1047.3	1070.0	1090.5	1108.7	1121.0	1128.8
-70°	809.2	842.3	868.1	889.4	906.1	922.1	940.2	957.4	973.5	982.6	986.1
-72.5°	679.9	708.0	733.1	755.7	775.2	791.3	805.3	817.5	827.7	834.2	838.1
-75°	556.0	578.7	600.1	619.9	638.2	653.9	667.1	678.3	687.4	691.9	694.4
-77.5°	438.3	455.3	470.4	484.9	498.6	512.1	524.5	535.6	545.2	547.4	546.9
-80°	327.2	338.8	348.7	357.8	365.9	375.2	383.8	391.5	398.2	401.9	404.1
-82.5°	222.0	229.1	235.3	240.8	245.7	252.7	259.0	264.5	269.1	272.6	275.6
-85°	126.2	129.0	131.4	133.5	135.2	141.2	147.0	152.4	157.5	157.4	156.7
-87.5°	47.7	47.1	46.2	45.2	44.0	47.0	50.1	53.2	56.2	54.5	52.5
-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: P627987 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-730-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°	50.5	48.3	48.5	48.5	48.5	48.3	50.5	52.5	54.5	56.2	53.2
85°	155.7	154.3	150.1	145.4	150.1	154.3	155.7	156.7	157.4	157.5	152.4
82.5°	277.9	279.7	275.9	271.4	275.9	279.7	277.9	275.6	272.6	269.1	264.5
80°	405.3	405.3	401.9	397.5	401.9	405.3	405.3	404.1	401.9	398.2	391.5
77.5°	544.6	540.6	542.2	542.9	542.2	540.6	544.6	546.9	547.4	545.2	535.6
75°	695.4	694.7	692.4	688.3	692.4	694.7	695.4	694.4	691.9	687.4	678.3
72.5°	840.0	839.9	837.8	833.7	837.8	839.9	840.0	838.1	834.2	827.7	817.5
70°	986.9	985.1	987.6	988.8	987.6	985.1	986.9	986.1	982.6	973.5	957.4
67.5°	1134.9	1138.8	1138.2	1134.3	1138.2	1138.8	1134.9	1128.8	1121.0	1108.7	1090.5
65°	1267.6	1274.2	1278.3	1279.7	1278.3	1274.2	1267.6	1258.6	1247.5	1235.3	1219.8
62.5°	1401.6	1409.2	1409.7	1405.7	1409.7	1409.2	1401.6	1390.9	1377.1	1365.0	1351.8
60°	1507.6	1508.8	1507.0	1502.6	1507.0	1508.8	1507.6	1503.0	1494.5	1484.8	1473.7
57.5°	1591.0	1588.2	1584.9	1580.2	1584.9	1588.2	1591.0	1591.1	1588.2	1581.0	1571.2
55°	1680.7	1676.1	1672.1	1667.5	1672.1	1676.1	1680.7	1682.0	1679.5	1669.4	1656.5
52.5°	1793.2	1790.7	1788.0	1783.8	1788.0	1790.7	1793.2	1791.8	1785.3	1770.3	1751.7
50°	1949.7	1952.1	1951.9	1948.6	1951.9	1952.1	1949.7	1941.3	1924.8	1898.7	1867.0
47.5°	2193.0	2206.0	2214.7	2220.0	2214.7	2206.0	2193.0	2169.8	2133.2	2083.8	2024.9
45°	2557.9	2583.8	2602.1	2617.5	2602.1	2583.8	2557.9	2514.4	2446.4	2360.8	2266.5
42.5°	3120.8	3178.8	3206.2	3199.2	3206.2	3178.8	3120.8	3035.5	2914.3	2764.1	2616.6
40°	4059.5	4153.1	4204.9	4246.2	4204.9	4153.1	4059.5	3902.0	3665.5	3379.3	3153.0
37.5°	5708.4	5890.0	5985.6	6068.8	5985.6	5890.0	5708.4	5392.2	4929.1	4378.5	4019.9
35°	8564.7	8973.1	9191.8	9268.0	9191.8	8973.1	8564.7	7901.6	7014.2	6085.6	5430.9
32.5°	13146.5	13900.1	14316.8	14638.7	14316.8	13900.1	13146.5	11910.5	10322.1	8850.3	7622.9
30°	18817.1	19809.6	20360.8	20629.9	20360.8	19809.6	18817.1	17202.9	15164.4	13095.7	10867.8
27.5°	24630.1	25758.5	26352.7	26320.6	26352.7	25758.5	24630.1	22858.4	20720.9	18157.9	15274.6
25°	30386.9	31693.8	32285.9	32815.9	32285.9	31693.8	30386.9	28362.1	26000.4	23317.2	20216.4
22.5°	36209.3	37737.4	38571.2	38962.2	38571.2	37737.4	36209.3	33946.2	31389.6	28401.7	25094.1
20°	41962.3	43663.5	44548.7	44934.1	44548.7	43663.5	41962.3	39741.7	36860.2	33472.5	29830.6
17.5°	47064.7	48725.4	49569.1	49926.7	49569.1	48725.4	47064.7	45026.8	42016.1	38431.2	34299.4
15°	51138.9	52363.8	53081.3	53271.4	53081.3	52363.8	51138.9	49387.3	46557.0	42878.8	38583.0
12.5°	53955.2	54429.6	54774.7	54880.6	54774.7	54429.6	53955.2	52494.1	50290.8	46653.1	42281.4
10°	55394.9	55180.8	55092.4	55103.6	55092.4	55180.8	55394.9	54326.6	52448.9	49555.1	45496.3
7.5°	55295.9	54978.9	54342.2	54240.8	54342.2	54978.9	55295.9	55046.4	53739.2	51322.6	47580.1
5°	54501.5	53924.2	52867.4	52563.7	52867.4	53924.2	54501.5	54599.6	53943.3	52148.0	48913.4
2.5°	53575.5	52535.0	51561.5	50935.0	51561.5	52535.0	53575.5	54008.3	53895.3	52705.3	49961.0
0°	53300.4	52098.3	50838.0	50430.9	50838.0	52098.3	53300.4	53872.4	53891.8	52912.7	50392.1
-2.5°	53575.5	52535.0	51561.5	50935.0	51561.5	52535.0	53575.5	54008.3	53895.3	52705.3	49961.0
-5°	54501.5	53924.2	52867.4	52563.7	52867.4	53924.2	54501.5	54599.6	53943.3	52148.0	48913.4
-7.5°	55295.9	54978.9	54342.2	54240.8	54342.2	54978.9	55295.9	55046.4	53739.2	51322.6	47580.1
-10°	55394.9	55180.8	55092.4	55103.6	55092.4	55180.8	55394.9	54326.6	52448.9	49555.1	45496.3
-12.5°	53955.2	54429.6	54774.7	54880.6	54774.7	54429.6	53955.2	52494.1	50290.8	46653.1	42281.4
-15°	51138.9	52363.8	53081.3	53271.4	53081.3	52363.8	51138.9	49387.3	46557.0	42878.8	38583.0
-17.5°	47064.7	48725.4	49569.1	49926.7	49569.1	48725.4	47064.7	45026.8	42016.1	38431.2	34299.4
-20°	41962.3	43663.5	44548.7	44934.1	44548.7	43663.5	41962.3	39741.7	36860.2	33472.5	29830.6



REPORT NUMBER: P627987 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-730-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°	36209.3	37737.4	38571.2	38962.2	38571.2	37737.4	36209.3	33946.2	31389.6	28401.7	25094.1
-25°	30386.9	31693.8	32285.9	32815.9	32285.9	31693.8	30386.9	28362.1	26000.4	23317.2	20216.4
-27.5°	24630.1	25758.5	26352.7	26320.6	26352.7	25758.5	24630.1	22858.4	20720.9	18157.9	15274.6
-30°	18817.1	19809.6	20360.8	20629.9	20360.8	19809.6	18817.1	17202.9	15164.4	13095.7	10867.8
-32.5°	13146.5	13900.1	14316.8	14638.7	14316.8	13900.1	13146.5	11910.5	10322.1	8850.3	7622.9
-35°	8564.7	8973.1	9191.8	9268.0	9191.8	8973.1	8564.7	7901.6	7014.2	6085.6	5430.9
-37.5°	5708.4	5890.0	5985.6	6068.8	5985.6	5890.0	5708.4	5392.2	4929.1	4378.5	4019.9
-40°	4059.5	4153.1	4204.9	4246.2	4204.9	4153.1	4059.5	3902.0	3665.5	3379.3	3153.0
-42.5°	3120.8	3178.8	3206.2	3199.2	3206.2	3178.8	3120.8	3035.5	2914.3	2764.1	2616.6
-45°	2557.9	2583.8	2602.1	2617.5	2602.1	2583.8	2557.9	2514.4	2446.4	2360.8	2266.5
-47.5°	2193.0	2206.0	2214.7	2220.0	2214.7	2206.0	2193.0	2169.8	2133.2	2083.8	2024.9
-50°	1949.7	1952.1	1951.9	1948.6	1951.9	1952.1	1949.7	1941.3	1924.8	1898.7	1867.0
-52.5°	1793.2	1790.7	1788.0	1783.8	1788.0	1790.7	1793.2	1791.8	1785.3	1770.3	1751.7
-55°	1680.7	1676.1	1672.1	1667.5	1672.1	1676.1	1680.7	1682.0	1679.5	1669.4	1656.5
-57.5°	1591.0	1588.2	1584.9	1580.2	1584.9	1588.2	1591.0	1591.1	1588.2	1581.0	1571.2
-60°	1507.6	1508.8	1507.0	1502.6	1507.0	1508.8	1507.6	1503.0	1494.5	1484.8	1473.7
-62.5°	1401.6	1409.2	1409.7	1405.7	1409.7	1409.2	1401.6	1390.9	1377.1	1365.0	1351.8
-65°	1267.6	1274.2	1278.3	1279.7	1278.3	1274.2	1267.6	1258.6	1247.5	1235.3	1219.8
-67.5°	1134.9	1138.8	1138.2	1134.3	1138.2	1138.8	1134.9	1128.8	1121.0	1108.7	1090.5
-70°	986.9	985.1	987.6	988.8	987.6	985.1	986.9	986.1	982.6	973.5	957.4
-72.5°	840.0	839.9	837.8	833.7	837.8	839.9	840.0	838.1	834.2	827.7	817.5
-75°	695.4	694.7	692.4	688.3	692.4	694.7	695.4	694.4	691.9	687.4	678.3
-77.5°	544.6	540.6	542.2	542.9	542.2	540.6	544.6	546.9	547.4	545.2	535.6
-80°	405.3	405.3	401.9	397.5	401.9	405.3	405.3	404.1	401.9	398.2	391.5
-82.5°	277.9	279.7	275.9	271.4	275.9	279.7	277.9	275.6	272.6	269.1	264.5
-85°	155.7	154.3	150.1	145.4	150.1	154.3	155.7	156.7	157.4	157.5	152.4
-87.5°	50.5	48.3	48.5	48.5	48.5	48.3	50.5	52.5	54.5	56.2	53.2
-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: P627987 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA6E-730-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°	50.1	47.0	44.0	45.2	46.2	47.1	47.7	46.2	44.6	42.9	41.1
85°	147.0	141.2	135.2	133.5	131.4	129.0	126.2	120.7	114.8	108.7	102.3
82.5°	259.0	252.7	245.7	240.8	235.3	229.1	222.0	211.4	200.5	189.6	178.6
80°	383.8	375.2	365.9	357.8	348.7	338.8	327.2	310.7	293.4	276.3	260.3
77.5°	524.5	512.1	498.6	484.9	470.4	455.3	438.3	417.4	396.3	374.2	351.9
75°	667.1	653.9	638.2	619.9	600.1	578.7	556.0	530.8	504.3	476.6	448.6
72.5°	805.3	791.3	775.2	755.7	733.1	708.0	679.9	649.1	616.6	582.6	549.3
70°	940.2	922.1	906.1	889.4	868.1	842.3	809.2	772.0	733.0	693.6	655.1
67.5°	1070.0	1047.3	1031.5	1016.2	996.8	973.2	938.8	898.8	855.0	809.1	763.5
65°	1199.5	1174.1	1158.2	1144.2	1125.6	1101.8	1065.7	1025.0	978.9	927.8	874.8
62.5°	1334.7	1313.9	1296.4	1276.0	1253.9	1227.5	1191.1	1148.5	1101.9	1048.2	986.7
60°	1460.9	1445.6	1418.3	1393.1	1370.6	1342.9	1299.7	1258.8	1220.7	1159.1	1092.9
57.5°	1559.2	1541.1	1515.8	1489.5	1462.6	1427.0	1388.4	1349.6	1305.5	1253.5	1192.0
55°	1640.8	1620.9	1597.2	1571.4	1542.2	1502.5	1462.7	1421.4	1378.7	1335.4	1275.3
52.5°	1730.5	1708.6	1680.8	1646.6	1613.0	1573.9	1529.2	1485.3	1445.5	1401.2	1352.0
50°	1836.9	1810.4	1778.5	1742.2	1697.1	1648.5	1601.6	1550.3	1508.6	1465.4	1415.4
47.5°	1980.3	1936.3	1889.0	1846.0	1790.5	1731.7	1677.7	1625.0	1575.6	1529.0	1477.9
45°	2195.5	2112.8	2023.7	1964.2	1893.7	1826.6	1757.3	1697.9	1641.4	1588.8	1540.9
42.5°	2504.5	2373.0	2251.4	2133.0	2019.9	1937.6	1851.3	1777.5	1709.2	1646.9	1590.6
40°	2950.8	2724.0	2556.7	2369.9	2218.1	2073.0	1962.7	1862.3	1783.2	1709.2	1640.9
37.5°	3624.7	3249.6	2971.4	2680.1	2468.6	2266.7	2096.8	1966.0	1858.5	1772.8	1693.3
35°	4667.5	4082.5	3560.9	3148.7	2774.3	2508.6	2271.0	2087.8	1950.2	1838.1	1745.3
32.5°	6297.3	5369.0	4422.1	3812.7	3234.7	2800.8	2495.5	2243.1	2048.4	1915.0	1803.4
30°	8831.9	7195.4	5802.4	4665.6	3872.8	3209.9	2745.2	2436.7	2187.5	1992.7	1862.2
27.5°	12511.1	9643.7	7694.9	5923.1	4643.9	3773.0	3107.2	2643.8	2333.9	2101.6	1929.8
25°	16805.7	13373.3	10036.1	7640.0	5756.4	4409.7	3529.8	2933.8	2515.2	2215.0	1989.2
22.5°	21332.1	17307.1	13307.3	9576.2	7136.3	5341.0	4075.4	3226.4	2686.3	2335.9	2075.5
20°	25823.1	21278.4	16721.5	12454.7	8816.5	6252.6	4669.1	3614.6	2925.2	2471.4	2157.3
17.5°	29950.6	25176.1	20183.3	15250.3	10885.9	7639.1	5421.4	4007.0	3133.6	2591.8	2228.2
15°	33859.2	28818.7	23552.0	18216.2	13097.6	8860.1	6062.5	4349.0	3350.4	2731.6	2320.9
12.5°	37399.1	32089.8	26548.1	20765.9	15061.3	10228.6	6917.6	4853.0	3616.7	2876.8	2408.3
10°	40489.0	34820.1	28915.7	22908.4	16959.2	11645.4	7726.0	5282.9	3847.4	2997.1	2479.8
7.5°	42708.2	36969.8	30796.6	24640.1	18503.1	12863.1	8413.3	5623.2	4028.5	3089.3	2534.9
5°	44339.9	38646.3	32364.8	26047.3	19649.1	13773.3	8926.5	5862.6	4158.0	3153.0	2573.2
2.5°	45459.1	39707.0	33414.3	26970.5	20314.1	14307.9	9253.6	5991.2	4219.2	3203.1	2594.3
0°	45777.5	40009.3	33678.7	27454.9	20416.6	14377.0	9384.3	6010.6	4217.1	3228.3	2598.1
-2.5°	45459.1	39707.0	33414.3	26970.5	20314.1	14307.9	9253.6	5991.2	4219.2	3203.1	2594.3
-5°	44339.9	38646.3	32364.8	26047.3	19649.1	13773.3	8926.5	5862.6	4158.0	3153.0	2573.2
-7.5°	42708.2	36969.8	30796.6	24640.1	18503.1	12863.1	8413.3	5623.2	4028.5	3089.3	2534.9
-10°	40489.0	34820.1	28915.7	22908.4	16959.2	11645.4	7726.0	5282.9	3847.4	2997.1	2479.8
-12.5°	37399.1	32089.8	26548.1	20765.9	15061.3	10228.6	6917.6	4853.0	3616.7	2876.8	2408.3
-15°	33859.2	28818.7	23552.0	18216.2	13097.6	8860.1	6062.5	4349.0	3350.4	2731.6	2320.9
-17.5°	29950.6	25176.1	20183.3	15250.3	10885.9	7639.1	5421.4	4007.0	3133.6	2591.8	2228.2
-20°	25823.1	21278.4	16721.5	12454.7	8816.5	6252.6	4669.1	3614.6	2925.2	2471.4	2157.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627987 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-730-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	21332.1	17307.1	13307.3	9576.2	7136.3	5341.0	4075.4	3226.4	2686.3	2335.9	2075.5
-25°	16805.7	13373.3	10036.1	7640.0	5756.4	4409.7	3529.8	2933.8	2515.2	2215.0	1989.2
-27.5°	12511.1	9643.7	7694.9	5923.1	4643.9	3773.0	3107.2	2643.8	2333.9	2101.6	1929.8
-30°	8831.9	7195.4	5802.4	4665.6	3872.8	3209.9	2745.2	2436.7	2187.5	1992.7	1862.2
-32.5°	6297.3	5369.0	4422.1	3812.7	3234.7	2800.8	2495.5	2243.1	2048.4	1915.0	1803.4
-35°	4667.5	4082.5	3560.9	3148.7	2774.3	2508.6	2271.0	2087.8	1950.2	1838.1	1745.3
-37.5°	3624.7	3249.6	2971.4	2680.1	2468.6	2266.7	2096.8	1966.0	1858.5	1772.8	1693.3
-40°	2950.8	2724.0	2556.7	2369.9	2218.1	2073.0	1962.7	1862.3	1783.2	1709.2	1640.9
-42.5°	2504.5	2373.0	2251.4	2133.0	2019.9	1937.6	1851.3	1777.5	1709.2	1646.9	1590.6
-45°	2195.5	2112.8	2023.7	1964.2	1893.7	1826.6	1757.3	1697.9	1641.4	1588.8	1540.9
-47.5°	1980.3	1936.3	1889.0	1846.0	1790.5	1731.7	1677.7	1625.0	1575.6	1529.0	1477.9
-50°	1836.9	1810.4	1778.5	1742.2	1697.1	1648.5	1601.6	1550.3	1508.6	1465.4	1415.4
-52.5°	1730.5	1708.6	1680.8	1646.6	1613.0	1573.9	1529.2	1485.3	1445.5	1401.2	1352.0
-55°	1640.8	1620.9	1597.2	1571.4	1542.2	1502.5	1462.7	1421.4	1378.7	1335.4	1275.3
-57.5°	1559.2	1541.1	1515.8	1489.5	1462.6	1427.0	1388.4	1349.6	1305.5	1253.5	1192.0
-60°	1460.9	1445.6	1418.3	1393.1	1370.6	1342.9	1299.7	1258.8	1220.7	1159.1	1092.9
-62.5°	1334.7	1313.9	1296.4	1276.0	1253.9	1227.5	1191.1	1148.5	1101.9	1048.2	986.7
-65°	1199.5	1174.1	1158.2	1144.2	1125.6	1101.8	1065.7	1025.0	978.9	927.8	874.8
-67.5°	1070.0	1047.3	1031.5	1016.2	996.8	973.2	938.8	898.8	855.0	809.1	763.5
-70°	940.2	922.1	906.1	889.4	868.1	842.3	809.2	772.0	733.0	693.6	655.1
-72.5°	805.3	791.3	775.2	755.7	733.1	708.0	679.9	649.1	616.6	582.6	549.3
-75°	667.1	653.9	638.2	619.9	600.1	578.7	556.0	530.8	504.3	476.6	448.6
-77.5°	524.5	512.1	498.6	484.9	470.4	455.3	438.3	417.4	396.3	374.2	351.9
-80°	383.8	375.2	365.9	357.8	348.7	338.8	327.2	310.7	293.4	276.3	260.3
-82.5°	259.0	252.7	245.7	240.8	235.3	229.1	222.0	211.4	200.5	189.6	178.6
-85°	147.0	141.2	135.2	133.5	131.4	129.0	126.2	120.7	114.8	108.7	102.3
-87.5°	50.1	47.0	44.0	45.2	46.2	47.1	47.7	46.2	44.6	42.9	41.1
-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: P627987 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-730-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°	39.3	37.4	35.4	33.4	31.3	29.1	26.9	24.6	21.3	18.2	15.3
85°	95.5	88.5	81.3	73.8	65.9	58.1	53.7	49.1	42.6	36.4	30.6
82.5°	167.5	156.8	145.9	134.5	121.5	108.6	96.1	83.7	70.1	55.6	45.7
80°	245.6	230.3	214.5	197.8	178.8	158.8	141.3	124.3	107.7	90.0	71.3
77.5°	330.4	308.1	285.0	263.9	241.9	218.4	193.5	167.6	145.2	124.3	102.1
75°	421.0	393.9	366.1	337.4	307.9	278.0	249.5	219.6	189.6	159.1	132.6
72.5°	517.0	483.5	448.8	413.2	378.8	343.4	307.2	271.1	236.1	200.6	164.6
70°	615.6	574.7	534.2	494.1	452.1	408.6	367.3	324.7	282.2	241.7	200.6
67.5°	716.4	670.2	622.6	575.3	528.7	479.6	427.9	378.1	329.7	282.2	236.1
65°	822.2	767.7	711.7	658.1	604.7	551.1	494.5	432.5	376.2	323.0	271.1
62.5°	926.4	866.8	804.0	740.1	679.4	620.0	559.9	491.0	422.9	362.9	305.5
60°	1027.3	960.6	893.0	822.3	753.1	686.7	619.9	547.8	473.7	401.7	339.1
57.5°	1119.9	1049.8	974.3	899.9	825.4	751.8	678.0	601.5	522.9	443.9	371.8
55°	1206.8	1130.4	1051.6	971.3	893.1	814.7	734.5	653.0	570.3	486.0	403.8
52.5°	1288.3	1208.6	1125.0	1039.6	955.0	874.1	789.5	703.0	615.3	526.5	438.9
50°	1359.7	1284.7	1196.2	1106.1	1014.3	928.8	842.9	751.4	658.9	565.4	473.2
47.5°	1419.6	1350.7	1265.2	1170.3	1073.9	982.5	892.8	798.2	700.9	602.6	506.0
45°	1478.2	1411.8	1329.1	1232.2	1132.7	1036.0	940.9	843.2	741.3	638.7	537.5
42.5°	1533.1	1466.8	1389.5	1291.6	1188.8	1087.5	987.6	885.7	780.0	672.9	567.3
40°	1579.8	1514.9	1446.5	1348.8	1241.8	1136.2	1032.0	926.6	816.9	705.6	595.6
37.5°	1625.4	1558.8	1488.3	1402.6	1291.4	1181.8	1073.7	965.9	852.6	737.1	622.2
35°	1669.4	1600.7	1525.8	1444.3	1337.6	1224.3	1112.6	1002.6	886.0	767.2	647.1
32.5°	1708.8	1638.1	1560.4	1478.1	1380.2	1263.6	1148.7	1034.9	917.1	795.7	670.2
30°	1755.7	1669.6	1591.6	1511.3	1416.6	1299.6	1181.9	1065.0	945.7	822.6	692.0
27.5°	1800.6	1699.8	1619.5	1538.9	1445.2	1332.2	1212.8	1092.8	971.9	847.1	713.5
25°	1844.0	1734.4	1645.3	1562.1	1472.5	1363.4	1241.1	1118.3	994.9	868.4	733.4
22.5°	1893.9	1766.1	1669.5	1582.1	1498.7	1391.6	1266.7	1141.3	1015.5	887.6	751.5
20°	1938.3	1792.3	1691.8	1601.1	1518.4	1413.0	1289.6	1161.9	1033.8	904.5	767.9
17.5°	1981.6	1822.0	1713.6	1619.3	1533.1	1431.6	1309.7	1179.9	1049.9	919.2	782.5
15°	2041.8	1855.9	1732.6	1634.8	1545.6	1447.6	1326.9	1195.3	1063.6	931.6	795.6
12.5°	2093.3	1884.4	1748.2	1647.5	1555.7	1460.7	1341.1	1208.1	1075.0	942.7	807.2
10°	2135.2	1907.1	1760.5	1657.4	1563.5	1471.1	1352.4	1218.9	1085.7	952.3	816.7
7.5°	2167.0	1924.0	1769.2	1664.3	1568.8	1478.7	1362.8	1228.5	1094.2	959.8	824.1
5°	2188.6	1935.1	1776.5	1668.4	1571.8	1483.2	1370.4	1235.4	1100.3	965.2	829.4
2.5°	2199.9	1940.1	1781.9	1669.4	1572.4	1484.7	1375.1	1239.5	1104.0	968.4	832.6
0°	2200.7	1938.9	1783.8	1667.5	1570.5	1483.3	1376.6	1240.9	1105.2	969.5	833.7
-2.5°	2199.9	1940.1	1781.9	1669.4	1572.4	1484.7	1375.1	1239.5	1104.0	968.4	832.6
-5°	2188.6	1935.1	1776.5	1668.4	1571.8	1483.2	1370.4	1235.4	1100.3	965.2	829.4
-7.5°	2167.0	1924.0	1769.2	1664.3	1568.8	1478.7	1362.8	1228.5	1094.2	959.8	824.1
-10°	2135.2	1907.1	1760.5	1657.4	1563.5	1471.1	1352.4	1218.9	1085.7	952.3	816.7
-12.5°	2093.3	1884.4	1748.2	1647.5	1555.7	1460.7	1341.1	1208.1	1075.0	942.7	807.2
-15°	2041.8	1855.9	1732.6	1634.8	1545.6	1447.6	1326.9	1195.3	1063.6	931.6	795.6
-17.5°	1981.6	1822.0	1713.6	1619.3	1533.1	1431.6	1309.7	1179.9	1049.9	919.2	782.5
-20°	1938.3	1792.3	1691.8	1601.1	1518.4	1413.0	1289.6	1161.9	1033.8	904.5	767.9

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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°	1893.9	1766.1	1669.5	1582.1	1498.7	1391.6	1266.7	1141.3	1015.5	887.6	751.5
-25°	1844.0	1734.4	1645.3	1562.1	1472.5	1363.4	1241.1	1118.3	994.9	868.4	733.4
-27.5°	1800.6	1699.8	1619.5	1538.9	1445.2	1332.2	1212.8	1092.8	971.9	847.1	713.5
-30°	1755.7	1669.6	1591.6	1511.3	1416.6	1299.6	1181.9	1065.0	945.7	822.6	692.0
-32.5°	1708.8	1638.1	1560.4	1478.1	1380.2	1263.6	1148.7	1034.9	917.1	795.7	670.2
-35°	1669.4	1600.7	1525.8	1444.3	1337.6	1224.3	1112.6	1002.6	886.0	767.2	647.1
-37.5°	1625.4	1558.8	1488.3	1402.6	1291.4	1181.8	1073.7	965.9	852.6	737.1	622.2
-40°	1579.8	1514.9	1446.5	1348.8	1241.8	1136.2	1032.0	926.6	816.9	705.6	595.6
-42.5°	1533.1	1466.8	1389.5	1291.6	1188.8	1087.5	987.6	885.7	780.0	672.9	567.3
-45°	1478.2	1411.8	1329.1	1232.2	1132.7	1036.0	940.9	843.2	741.3	638.7	537.5
-47.5°	1419.6	1350.7	1265.2	1170.3	1073.9	982.5	892.8	798.2	700.9	602.6	506.0
-50°	1359.7	1284.7	1196.2	1106.1	1014.3	928.8	842.9	751.4	658.9	565.4	473.2
-52.5°	1288.3	1208.6	1125.0	1039.6	955.0	874.1	789.5	703.0	615.3	526.5	438.9
-55°	1206.8	1130.4	1051.6	971.3	893.1	814.7	734.5	653.0	570.3	486.0	403.8
-57.5°	1119.9	1049.8	974.3	899.9	825.4	751.8	678.0	601.5	522.9	443.9	371.8
-60°	1027.3	960.6	893.0	822.3	753.1	686.7	619.9	547.8	473.7	401.7	339.1
-62.5°	926.4	866.8	804.0	740.1	679.4	620.0	559.9	491.0	422.9	362.9	305.5
-65°	822.2	767.7	711.7	658.1	604.7	551.1	494.5	432.5	376.2	323.0	271.1
-67.5°	716.4	670.2	622.6	575.3	528.7	479.6	427.9	378.1	329.7	282.2	236.1
-70°	615.6	574.7	534.2	494.1	452.1	408.6	367.3	324.7	282.2	241.7	200.6
-72.5°	517.0	483.5	448.8	413.2	378.8	343.4	307.2	271.1	236.1	200.6	164.6
-75°	421.0	393.9	366.1	337.4	307.9	278.0	249.5	219.6	189.6	159.1	132.6
-77.5°	330.4	308.1	285.0	263.9	241.9	218.4	193.5	167.6	145.2	124.3	102.1
-80°	245.6	230.3	214.5	197.8	178.8	158.8	141.3	124.3	107.7	90.0	71.3
-82.5°	167.5	156.8	145.9	134.5	121.5	108.6	96.1	83.7	70.1	55.6	45.7
-85°	95.5	88.5	81.3	73.8	65.9	58.1	53.7	49.1	42.6	36.4	30.6
-87.5°	39.3	37.4	35.4	33.4	31.3	29.1	26.9	24.6	21.3	18.2	15.3
-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°	12.5	10.5	8.4	6.3	4.2	2.1	0.0
85°	25.1	21.0	16.8	12.6	8.4	4.2	0.0
82.5°	37.6	31.4	25.2	18.9	12.6	6.3	0.0
80°	51.7	41.8	33.5	25.2	16.8	8.4	0.0
77.5°	78.8	56.4	41.8	31.4	21.0	10.5	0.0
75°	105.7	78.8	51.7	37.6	25.1	12.5	0.0
72.5°	132.2	101.0	69.5	43.6	29.1	14.6	0.0
70°	159.0	122.9	87.1	51.0	33.1	16.6	0.0
67.5°	189.3	144.5	104.4	64.0	37.1	18.6	0.0
65°	218.9	167.3	121.4	76.7	41.0	20.5	0.0
62.5°	247.9	191.1	138.0	89.2	44.7	22.4	0.0
60°	276.0	214.3	154.3	101.5	48.5	24.2	0.0
57.5°	304.2	236.8	172.0	113.4	56.2	26.1	0.0
55°	331.9	258.6	189.3	125.0	63.8	27.8	0.0
52.5°	359.0	280.0	206.0	136.2	71.2	29.5	0.0
50°	385.3	302.0	222.1	147.1	78.2	31.2	0.0
47.5°	411.2	323.4	237.5	157.9	84.9	32.8	0.0
45°	438.0	344.0	252.3	168.9	91.4	34.3	0.0
42.5°	463.6	363.9	266.3	179.4	97.5	35.8	0.0
40°	487.8	383.0	280.6	189.1	103.3	37.1	0.0
37.5°	510.6	401.2	295.0	198.2	108.7	38.5	0.0
35°	532.1	418.9	308.8	206.7	113.8	39.7	0.0
32.5°	552.0	435.7	321.7	214.7	118.6	40.9	0.0
30°	570.5	451.2	333.8	222.1	122.9	42.0	0.0
27.5°	587.4	465.6	344.6	228.9	126.9	43.0	0.0
25°	602.8	478.6	354.4	235.1	130.5	44.0	0.0
22.5°	616.6	490.2	363.3	240.6	133.8	44.8	0.0
20°	628.8	500.1	371.1	245.6	136.6	45.6	0.0
17.5°	639.9	508.7	378.0	249.9	139.1	46.3	0.0
15°	649.8	516.1	383.9	253.6	141.1	46.8	0.0
12.5°	658.4	522.2	388.7	256.6	142.8	47.3	0.0
10°	665.5	527.0	392.6	259.0	144.1	47.8	0.0
7.5°	671.2	530.5	395.4	260.7	145.0	48.1	0.0
5°	675.3	532.7	397.1	261.7	145.5	48.3	0.0
2.5°	677.8	533.6	397.8	262.1	145.6	48.5	0.0
0°	678.6	533.2	397.5	261.8	145.4	48.5	0.0
-2.5°	677.8	533.6	397.8	262.1	145.6	48.5	0.0
-5°	675.3	532.7	397.1	261.7	145.5	48.3	0.0
-7.5°	671.2	530.5	395.4	260.7	145.0	48.1	0.0
-10°	665.5	527.0	392.6	259.0	144.1	47.8	0.0
-12.5°	658.4	522.2	388.7	256.6	142.8	47.3	0.0
-15°	649.8	516.1	383.9	253.6	141.1	46.8	0.0
-17.5°	639.9	508.7	378.0	249.9	139.1	46.3	0.0
-20°	628.8	500.1	371.1	245.6	136.6	45.6	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	616.6	490.2	363.3	240.6	133.8	44.8	0.0
-25°	602.8	478.6	354.4	235.1	130.5	44.0	0.0
-27.5°	587.4	465.6	344.6	228.9	126.9	43.0	0.0
-30°	570.5	451.2	333.8	222.1	122.9	42.0	0.0
-32.5°	552.0	435.7	321.7	214.7	118.6	40.9	0.0
-35°	532.1	418.9	308.8	206.7	113.8	39.7	0.0
-37.5°	510.6	401.2	295.0	198.2	108.7	38.5	0.0
-40°	487.8	383.0	280.6	189.1	103.3	37.1	0.0
-42.5°	463.6	363.9	266.3	179.4	97.5	35.8	0.0
-45°	438.0	344.0	252.3	168.9	91.4	34.3	0.0
-47.5°	411.2	323.4	237.5	157.9	84.9	32.8	0.0
-50°	385.3	302.0	222.1	147.1	78.2	31.2	0.0
-52.5°	359.0	280.0	206.0	136.2	71.2	29.5	0.0
-55°	331.9	258.6	189.3	125.0	63.8	27.8	0.0
-57.5°	304.2	236.8	172.0	113.4	56.2	26.1	0.0
-60°	276.0	214.3	154.3	101.5	48.5	24.2	0.0
-62.5°	247.9	191.1	138.0	89.2	44.7	22.4	0.0
-65°	218.9	167.3	121.4	76.7	41.0	20.5	0.0
-67.5°	189.3	144.5	104.4	64.0	37.1	18.6	0.0
-70°	159.0	122.9	87.1	51.0	33.1	16.6	0.0
-72.5°	132.2	101.0	69.5	43.6	29.1	14.6	0.0
-75°	105.7	78.8	51.7	37.6	25.1	12.5	0.0
-77.5°	78.8	56.4	41.8	31.4	21.0	10.5	0.0
-80°	51.7	41.8	33.5	25.2	16.8	8.4	0.0
-82.5°	37.6	31.4	25.2	18.9	12.6	6.3	0.0
-85°	25.1	21.0	16.8	12.6	8.4	4.2	0.0
-87.5°	12.5	10.5	8.4	6.3	4.2	2.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)