

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: P627945 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-740-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
 Report Number: P627945 (CONVERTED FROM TYPE C PHOTOMETRY)
 TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)
 Test Lab: COOPER LIGHTING SOLUTIONS
 Issue Date: 12/7/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: MCGRAW-EDISON
 Catalog Number: GFLD-SA6D-740-U-MR-XX
 Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N148
 Light Source: (96) 4000K CCT, 70 CRI LEDS
 Ballast/Driver: -

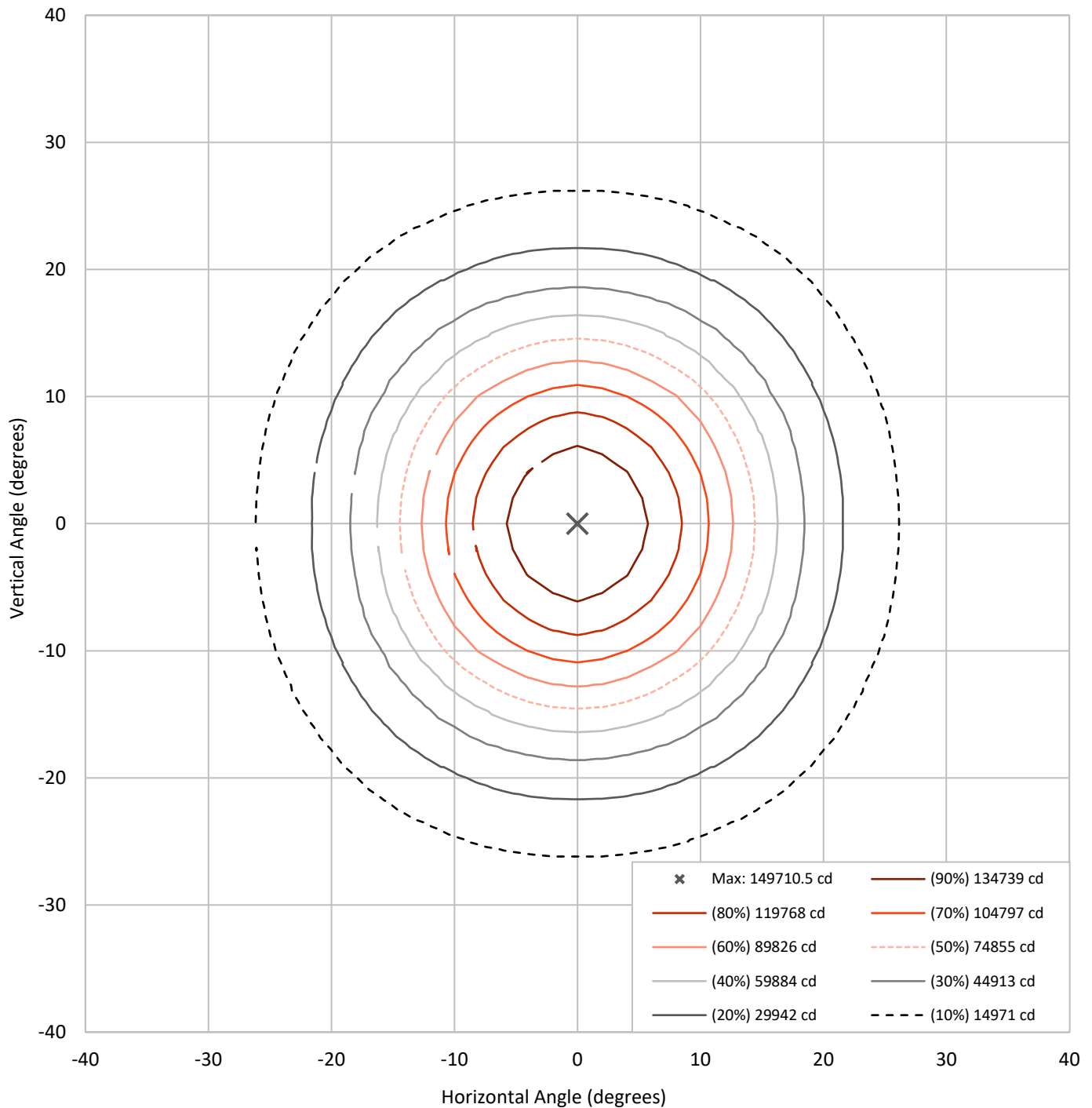
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	46774.7 lumens	Max Intensity:	149710.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	143.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	22741.2 lumens	Field Lumens:	38377.9 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	325.9		
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





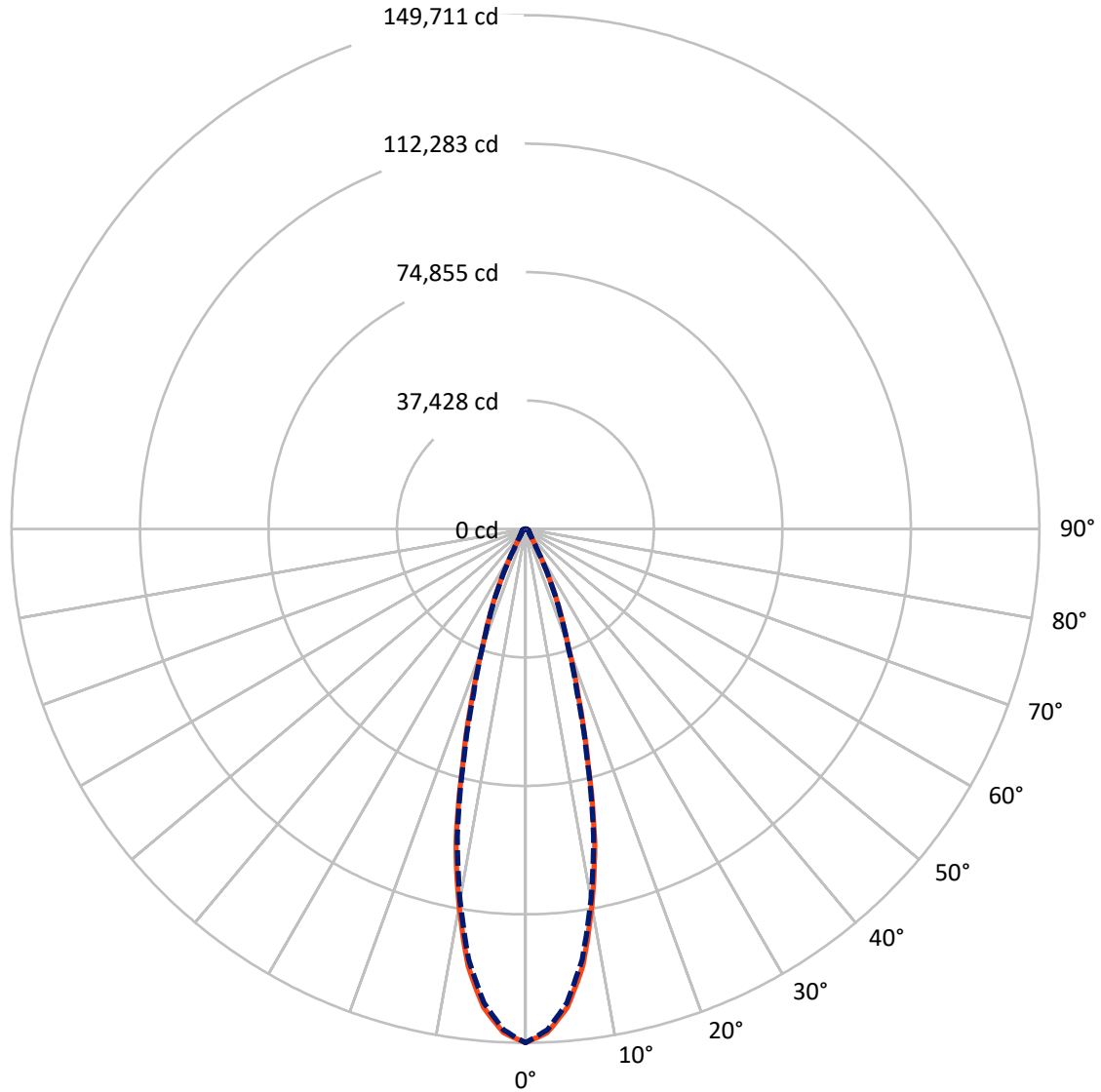
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Lumen Table

90																			
80	0.9	7.7		20.3		32.1		35.7		32.1		20.3		7.7		0.9			
70																			
60	3.5	4.0	8.1	13.2	18.5	22.6	25.3	26.6	26.6	25.3	22.6	18.5	13.2	8.1	4.0	3.5			
50		6.0	12.1	19.5	26.2	32.2	36.1	37.4	37.4	36.1	32.2	26.2	19.5	12.1	6.0				
40	6.2	7.7	15.5	24.1	32.1	40.5	47.6	51.2	51.2	47.6	40.5	32.1	24.1	15.5	7.7	6.2			
30		9.0	18.2	27.8	39.3	56.0	81.1	105.3	105.3	81.1	56.0	39.3	27.8	18.2	9.0				
20	7.9	10.1	19.9	31.3	50.3	109.4	307.9	546.0	546.0	307.9	109.4	50.3	31.3	19.9	10.1	7.9			
10		10.9	20.9	34.0	68.5	287.1	1023.2	1960.7	1960.7	1023.2	287.1	68.5	34.0	20.9	10.9				
0	8.5	11.3	21.2	35.8	87.0	495.5	1893.8	3725.2	3725.2	1893.8	495.5	87.0	35.8	21.2	11.3	8.5			
-10		11.3	21.2	35.8	87.0	495.5	1893.8	3725.2	3725.2	1893.8	495.5	87.0	35.8	21.2	11.3				
-20	7.9	10.9	20.9	34.0	68.5	287.1	1023.2	1960.7	1960.7	1023.2	287.1	68.5	34.0	20.9	10.9	7.9			
-30		10.1	19.9	31.3	50.3	109.4	307.9	546.0	546.0	307.9	109.4	50.3	31.3	19.9	10.1				
-40	6.2	9.0	18.2	27.8	39.3	56.0	81.1	105.3	105.3	81.1	56.0	39.3	27.8	18.2	9.0	6.2			
-50		7.7	15.5	24.1	32.1	40.5	47.6	51.2	51.2	47.6	40.5	32.1	24.1	15.5	7.7				
-60	3.5	6.0	12.1	19.5	26.2	32.2	36.1	37.4	37.4	36.1	32.2	26.2	19.5	12.1	6.0	3.5			
-70		4.0	8.1	13.2	18.5	22.6	25.3	26.6	26.6	25.3	22.6	18.5	13.2	8.1	4.0				
-80																			
-90	0.9	7.7		20.3		32.1		35.7		32.1		20.3		7.7		0.9			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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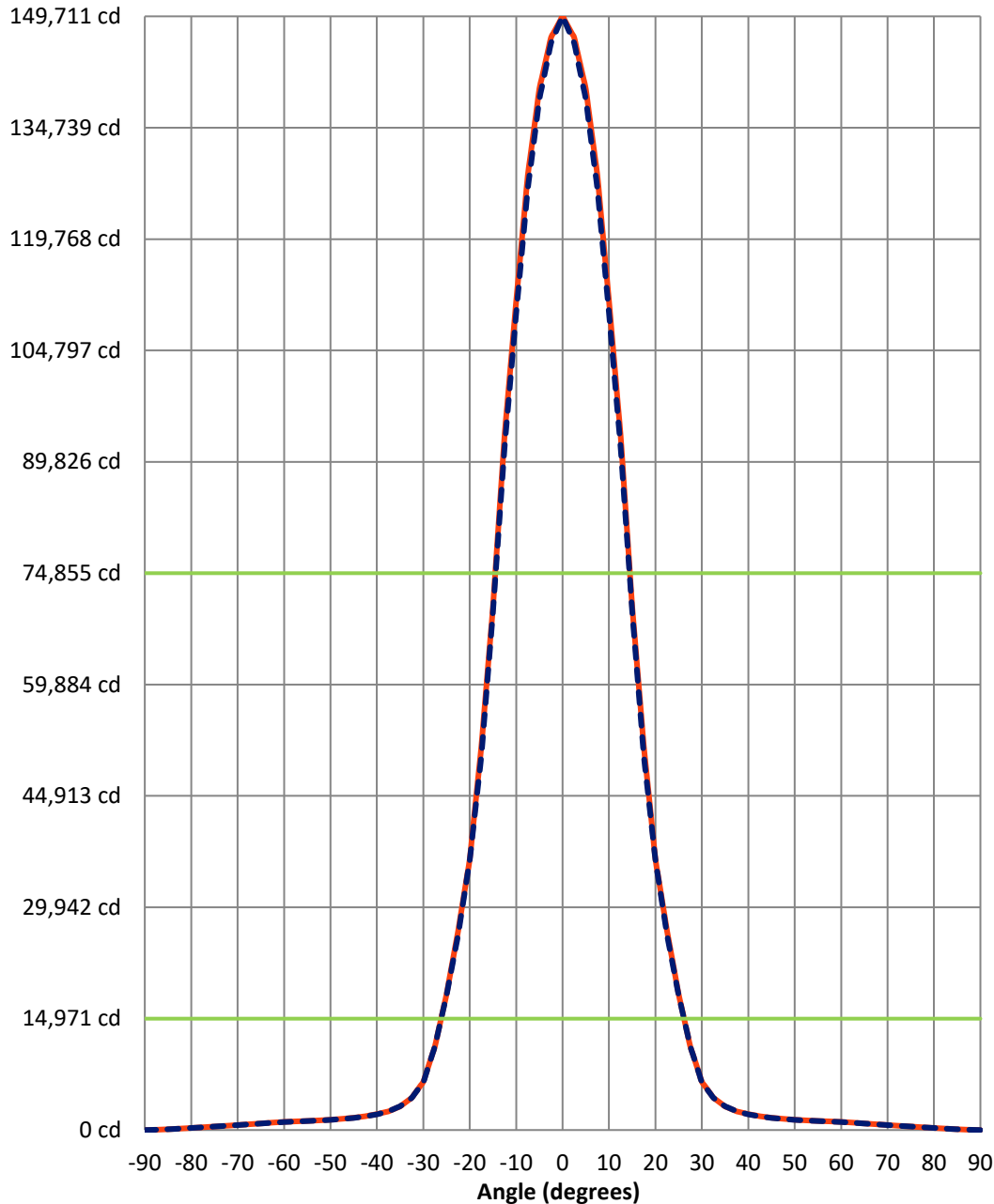
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 22741.2
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 38377.9
 Efficiency: 82.0%

Spill:
 Lumens: 8396.8
 Efficiency: 18.0%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 0-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	1.7	3.3	5.0	6.7	8.3	9.9	11.5	13.1	14.7	16.2
85°	0.0	3.3	6.7	10.0	13.3	16.6	19.9	23.1	26.2	29.4	32.4
82.5°	0.0	5.0	10.0	15.0	19.9	24.9	29.7	34.6	40.1	49.2	58.7
80°	0.0	6.7	13.3	19.9	26.5	33.1	40.4	52.1	64.4	77.3	90.7
77.5°	0.0	8.3	16.6	24.9	33.1	43.4	57.5	72.6	88.4	105.1	123.4
75°	0.0	9.9	19.9	29.7	40.4	57.5	74.5	92.7	112.6	135.9	158.9
72.5°	0.0	11.5	23.1	34.6	51.7	71.6	91.3	113.9	140.9	167.6	193.9
70°	0.0	13.1	26.2	40.0	62.8	85.4	108.4	138.4	168.9	199.0	231.7
67.5°	0.0	14.7	29.4	48.2	73.7	99.0	129.4	162.5	196.4	233.3	269.6
65°	0.0	16.2	32.4	56.2	84.4	114.3	150.0	186.2	226.5	267.0	307.9
62.5°	0.0	17.7	35.4	64.1	94.9	131.2	170.2	211.3	256.0	300.5	347.2
60°	0.0	19.2	38.4	71.8	105.2	147.7	190.0	236.6	284.8	334.4	385.4
57.5°	0.0	20.6	43.4	79.4	117.9	163.8	210.7	261.2	313.4	367.1	423.2
55°	0.0	22.0	48.2	86.7	130.5	179.4	231.0	285.2	341.1	399.2	460.4
52.5°	0.0	23.4	53.0	93.8	142.7	194.8	250.6	308.4	367.8	431.6	496.4
50°	0.0	24.7	57.6	100.7	154.4	210.3	269.3	330.9	394.0	463.0	529.7
47.5°	0.0	25.9	62.0	107.7	165.8	225.1	287.3	352.6	420.8	493.2	561.3
45°	0.0	27.1	66.2	115.9	176.7	239.3	305.2	373.5	446.8	519.9	591.1
42.5°	0.0	28.3	70.3	123.8	187.2	252.7	322.2	394.3	471.3	545.0	618.5
40°	0.0	29.4	74.2	131.2	197.3	265.4	338.5	414.5	493.8	568.6	644.5
37.5°	0.0	30.5	77.8	138.1	206.9	277.3	353.9	433.4	513.9	591.3	669.0
35°	0.0	31.5	81.3	144.5	215.9	289.0	368.4	451.0	532.8	612.6	692.0
32.5°	0.0	32.4	84.6	150.4	224.2	300.3	382.2	467.4	550.4	632.6	714.4
30°	0.0	33.3	87.6	155.9	232.0	310.9	395.2	482.1	566.8	651.2	735.2
27.5°	0.0	34.1	90.5	160.8	239.0	320.6	407.1	495.3	581.9	668.3	754.3
25°	0.0	34.8	93.1	165.3	245.5	329.5	417.8	507.2	595.6	683.8	771.9
22.5°	0.0	35.5	95.4	169.2	251.4	337.5	427.4	517.9	608.0	697.9	789.4
20°	0.0	36.1	97.6	172.7	256.9	344.5	435.8	527.5	619.0	710.3	805.0
17.5°	0.0	36.6	99.5	175.6	261.8	350.5	443.4	535.7	628.5	721.2	818.6
15°	0.0	37.1	101.1	178.1	266.2	355.5	450.4	543.4	636.6	730.4	830.2
12.5°	0.0	37.5	102.5	180.0	269.9	359.4	456.5	550.6	644.1	737.9	839.7
10°	0.0	37.8	103.7	181.5	273.0	362.4	461.5	556.5	650.9	746.8	848.5
7.5°	0.0	38.1	104.5	182.5	275.5	364.5	465.6	561.1	656.2	754.8	858.2
5°	0.0	38.3	105.2	183.0	277.2	365.6	468.5	564.4	660.1	761.2	865.7
2.5°	0.0	38.4	105.6	183.0	278.3	365.8	470.3	566.3	662.3	765.9	871.2
0°	0.0	38.4	105.7	182.6	278.7	365.2	470.9	567.0	663.1	768.8	874.5
-2.5°	0.0	38.4	105.6	183.0	278.3	365.8	470.3	566.3	662.3	765.9	871.2
-5°	0.0	38.3	105.2	183.0	277.2	365.6	468.5	564.4	660.1	761.2	865.7
-7.5°	0.0	38.1	104.5	182.5	275.5	364.5	465.6	561.1	656.2	754.8	858.2
-10°	0.0	37.8	103.7	181.5	273.0	362.4	461.5	556.5	650.9	746.8	848.5
-12.5°	0.0	37.5	102.5	180.0	269.9	359.4	456.5	550.6	644.1	737.9	839.7
-15°	0.0	37.1	101.1	178.1	266.2	355.5	450.4	543.4	636.6	730.4	830.2
-17.5°	0.0	36.6	99.5	175.6	261.8	350.5	443.4	535.7	628.5	721.2	818.6
-20°	0.0	36.1	97.6	172.7	256.9	344.5	435.8	527.5	619.0	710.3	805.0

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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	35.5	95.4	169.2	251.4	337.5	427.4	517.9	608.0	697.9	789.4
-25°	0.0	34.8	93.1	165.3	245.5	329.5	417.8	507.2	595.6	683.8	771.9
-27.5°	0.0	34.1	90.5	160.8	239.0	320.6	407.1	495.3	581.9	668.3	754.3
-30°	0.0	33.3	87.6	155.9	232.0	310.9	395.2	482.1	566.8	651.2	735.2
-32.5°	0.0	32.4	84.6	150.4	224.2	300.3	382.2	467.4	550.4	632.6	714.4
-35°	0.0	31.5	81.3	144.5	215.9	289.0	368.4	451.0	532.8	612.6	692.0
-37.5°	0.0	30.5	77.8	138.1	206.9	277.3	353.9	433.4	513.9	591.3	669.0
-40°	0.0	29.4	74.2	131.2	197.3	265.4	338.5	414.5	493.8	568.6	644.5
-42.5°	0.0	28.3	70.3	123.8	187.2	252.7	322.2	394.3	471.3	545.0	618.5
-45°	0.0	27.1	66.2	115.9	176.7	239.3	305.2	373.5	446.8	519.9	591.1
-47.5°	0.0	25.9	62.0	107.7	165.8	225.1	287.3	352.6	420.8	493.2	561.3
-50°	0.0	24.7	57.6	100.7	154.4	210.3	269.3	330.9	394.0	463.0	529.7
-52.5°	0.0	23.4	53.0	93.8	142.7	194.8	250.6	308.4	367.8	431.6	496.4
-55°	0.0	22.0	48.2	86.7	130.5	179.4	231.0	285.2	341.1	399.2	460.4
-57.5°	0.0	20.6	43.4	79.4	117.9	163.8	210.7	261.2	313.4	367.1	423.2
-60°	0.0	19.2	38.4	71.8	105.2	147.7	190.0	236.6	284.8	334.4	385.4
-62.5°	0.0	17.7	35.4	64.1	94.9	131.2	170.2	211.3	256.0	300.5	347.2
-65°	0.0	16.2	32.4	56.2	84.4	114.3	150.0	186.2	226.5	267.0	307.9
-67.5°	0.0	14.7	29.4	48.2	73.7	99.0	129.4	162.5	196.4	233.3	269.6
-70°	0.0	13.1	26.2	40.0	62.8	85.4	108.4	138.4	168.9	199.0	231.7
-72.5°	0.0	11.5	23.1	34.6	51.7	71.6	91.3	113.9	140.9	167.6	193.9
-75°	0.0	9.9	19.9	29.7	40.4	57.5	74.5	92.7	112.6	135.9	158.9
-77.5°	0.0	8.3	16.6	24.9	33.1	43.4	57.5	72.6	88.4	105.1	123.4
-80°	0.0	6.7	13.3	19.9	26.5	33.1	40.4	52.1	64.4	77.3	90.7
-82.5°	0.0	5.0	10.0	15.0	19.9	24.9	29.7	34.6	40.1	49.2	58.7
-85°	0.0	3.3	6.7	10.0	13.3	16.6	19.9	23.1	26.2	29.4	32.4
-87.5°	0.0	1.7	3.3	5.0	6.7	8.3	9.9	11.5	13.1	14.7	16.2
-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):

	-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°	17.7	19.2	20.6	22.0	23.4	24.7	25.9	27.1	28.3	29.4	30.5
85°	35.4	38.4	44.1	49.6	55.1	60.3	65.3	70.2	74.8	79.3	83.5
82.5°	67.8	76.6	85.2	93.6	101.7	109.5	117.1	124.4	131.4	138.0	144.3
80°	103.0	114.7	126.6	137.4	148.2	158.6	168.7	178.5	187.8	197.7	208.3
77.5°	140.2	155.2	168.9	181.4	194.9	211.3	227.1	242.3	256.9	270.8	284.0
75°	178.6	195.7	214.4	233.0	252.4	272.0	291.1	309.5	327.3	345.7	364.0
72.5°	219.0	242.2	264.9	286.9	311.2	335.1	357.0	377.0	399.6	424.5	447.3
70°	261.8	288.7	317.1	345.4	373.0	399.6	426.7	454.1	481.6	508.4	534.0
67.5°	304.8	338.5	371.5	403.6	434.9	466.8	499.0	532.0	563.7	594.1	623.7
65°	350.6	388.4	425.2	461.1	496.0	534.9	573.0	609.8	650.1	687.4	719.9
62.5°	395.2	437.4	478.2	518.8	561.2	604.2	648.4	694.7	742.7	777.2	807.0
60°	438.1	485.7	531.1	577.7	625.0	673.5	724.4	773.7	817.5	855.2	886.6
57.5°	480.0	533.3	583.6	634.2	685.9	741.0	797.0	847.4	888.2	924.6	959.0
55°	520.5	579.6	633.2	687.0	745.7	810.5	867.7	913.3	955.0	985.1	1017.9
52.5°	559.1	622.4	678.4	738.7	805.9	873.0	930.1	974.2	1009.3	1040.4	1072.5
50°	596.0	659.7	721.8	790.4	861.4	928.8	986.5	1027.1	1062.3	1094.7	1125.5
47.5°	629.5	695.6	765.9	839.2	913.4	979.9	1035.2	1076.6	1113.1	1146.4	1180.4
45°	661.0	732.1	806.8	887.1	963.1	1029.1	1079.3	1123.8	1158.9	1196.4	1239.0
42.5°	691.2	767.1	848.3	933.8	1011.4	1071.7	1120.4	1163.1	1203.6	1248.8	1296.1
40°	720.8	799.9	887.7	977.6	1056.6	1108.9	1157.7	1202.9	1249.6	1300.7	1352.5
37.5°	748.5	833.4	924.5	1018.4	1089.9	1144.1	1194.6	1245.1	1297.4	1352.5	1416.7
35°	773.9	864.3	959.8	1050.5	1119.1	1178.3	1232.5	1287.2	1345.8	1413.1	1483.9
32.5°	798.6	892.3	992.6	1077.6	1145.9	1209.1	1268.8	1330.7	1397.9	1471.8	1552.9
30°	822.9	919.8	1021.3	1105.3	1169.7	1234.4	1304.5	1373.3	1448.0	1530.2	1625.3
27.5°	846.5	945.2	1045.3	1127.0	1190.6	1256.4	1331.6	1415.3	1496.9	1586.9	1697.1
25°	868.1	971.4	1069.0	1144.3	1208.6	1277.6	1356.0	1445.1	1541.1	1648.1	1783.1
22.5°	888.6	995.0	1091.4	1158.9	1223.6	1296.0	1380.4	1474.6	1578.9	1702.9	1868.0
20°	907.7	1013.4	1106.4	1172.5	1236.0	1310.7	1401.4	1500.7	1619.8	1770.1	1967.4
17.5°	924.4	1029.0	1116.7	1183.5	1249.0	1325.9	1419.4	1522.7	1656.6	1829.4	2063.0
15°	938.7	1041.8	1125.6	1192.0	1260.1	1341.5	1437.8	1550.3	1697.0	1887.5	2145.4
12.5°	950.4	1051.8	1133.1	1198.1	1268.6	1353.1	1453.5	1577.0	1737.4	1950.8	2256.6
10°	959.7	1059.0	1139.0	1201.9	1274.7	1360.8	1465.8	1597.8	1770.0	2003.8	2351.9
7.5°	968.7	1065.4	1143.2	1203.5	1278.2	1364.6	1474.4	1612.6	1793.9	2043.5	2427.8
5°	975.2	1071.5	1145.6	1207.1	1280.5	1366.3	1480.2	1621.1	1808.9	2069.7	2481.4
2.5°	979.0	1075.1	1145.7	1209.8	1280.6	1367.0	1487.1	1625.8	1825.5	2091.8	2512.0
0°	980.2	1076.3	1143.6	1210.8	1278.1	1364.6	1489.5	1624.0	1835.5	2104.5	2517.8
-2.5°	979.0	1075.1	1145.7	1209.8	1280.6	1367.0	1487.1	1625.8	1825.5	2091.8	2512.0
-5°	975.2	1071.5	1145.6	1207.1	1280.5	1366.3	1480.2	1621.1	1808.9	2069.7	2481.4
-7.5°	968.7	1065.4	1143.2	1203.5	1278.2	1364.6	1474.4	1612.6	1793.9	2043.5	2427.8
-10°	959.7	1059.0	1139.0	1201.9	1274.7	1360.8	1465.8	1597.8	1770.0	2003.8	2351.9
-12.5°	950.4	1051.8	1133.1	1198.1	1268.6	1353.1	1453.5	1577.0	1737.4	1950.8	2256.6
-15°	938.7	1041.8	1125.6	1192.0	1260.1	1341.5	1437.8	1550.3	1697.0	1887.5	2145.4
-17.5°	924.4	1029.0	1116.7	1183.5	1249.0	1325.9	1419.4	1522.7	1656.6	1829.4	2063.0
-20°	907.7	1013.4	1106.4	1172.5	1236.0	1310.7	1401.4	1500.7	1619.8	1770.1	1967.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627945 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	888.6	995.0	1091.4	1158.9	1223.6	1296.0	1380.4	1474.6	1578.9	1702.9	1868.0
-25°	868.1	971.4	1069.0	1144.3	1208.6	1277.6	1356.0	1445.1	1541.1	1648.1	1783.1
-27.5°	846.5	945.2	1045.3	1127.0	1190.6	1256.4	1331.6	1415.3	1496.9	1586.9	1697.1
-30°	822.9	919.8	1021.3	1105.3	1169.7	1234.4	1304.5	1373.3	1448.0	1530.2	1625.3
-32.5°	798.6	892.3	992.6	1077.6	1145.9	1209.1	1268.8	1330.7	1397.9	1471.8	1552.9
-35°	773.9	864.3	959.8	1050.5	1119.1	1178.3	1232.5	1287.2	1345.8	1413.1	1483.9
-37.5°	748.5	833.4	924.5	1018.4	1089.9	1144.1	1194.6	1245.1	1297.4	1352.5	1416.7
-40°	720.8	799.9	887.7	977.6	1056.6	1108.9	1157.7	1202.9	1249.6	1300.7	1352.5
-42.5°	691.2	767.1	848.3	933.8	1011.4	1071.7	1120.4	1163.1	1203.6	1248.8	1296.1
-45°	661.0	732.1	806.8	887.1	963.1	1029.1	1079.3	1123.8	1158.9	1196.4	1239.0
-47.5°	629.5	695.6	765.9	839.2	913.4	979.9	1035.2	1076.6	1113.1	1146.4	1180.4
-50°	596.0	659.7	721.8	790.4	861.4	928.8	986.5	1027.1	1062.3	1094.7	1125.5
-52.5°	559.1	622.4	678.4	738.7	805.9	873.0	930.1	974.2	1009.3	1040.4	1072.5
-55°	520.5	579.6	633.2	687.0	745.7	810.5	867.7	913.3	955.0	985.1	1017.9
-57.5°	480.0	533.3	583.6	634.2	685.9	741.0	797.0	847.4	888.2	924.6	959.0
-60°	438.1	485.7	531.1	577.7	625.0	673.5	724.4	773.7	817.5	855.2	886.6
-62.5°	395.2	437.4	478.2	518.8	561.2	604.2	648.4	694.7	742.7	777.2	807.0
-65°	350.6	388.4	425.2	461.1	496.0	534.9	573.0	609.8	650.1	687.4	719.9
-67.5°	304.8	338.5	371.5	403.6	434.9	466.8	499.0	532.0	563.7	594.1	623.7
-70°	261.8	288.7	317.1	345.4	373.0	399.6	426.7	454.1	481.6	508.4	534.0
-72.5°	219.0	242.2	264.9	286.9	311.2	335.1	357.0	377.0	399.6	424.5	447.3
-75°	178.6	195.7	214.4	233.0	252.4	272.0	291.1	309.5	327.3	345.7	364.0
-77.5°	140.2	155.2	168.9	181.4	194.9	211.3	227.1	242.3	256.9	270.8	284.0
-80°	103.0	114.7	126.6	137.4	148.2	158.6	168.7	178.5	187.8	197.7	208.3
-82.5°	67.8	76.6	85.2	93.6	101.7	109.5	117.1	124.4	131.4	138.0	144.3
-85°	35.4	38.4	44.1	49.6	55.1	60.3	65.3	70.2	74.8	79.3	83.5
-87.5°	17.7	19.2	20.6	22.0	23.4	24.7	25.9	27.1	28.3	29.4	30.5
-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: P627945 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-740-U-MR-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°	31.5	32.4	33.3	34.1	34.8	35.5	36.1	36.6	37.1	37.5	37.8
85°	87.4	91.2	94.7	97.9	100.9	101.6	101.8	101.7	101.2	102.5	103.7
82.5°	150.3	157.1	163.9	170.6	177.2	179.7	181.4	182.7	183.4	186.0	188.2
80°	218.3	228.9	238.8	247.6	255.5	261.1	266.1	270.8	275.1	277.1	278.0
77.5°	297.2	310.2	322.3	333.5	343.8	352.0	358.6	364.0	368.1	370.7	372.4
75°	382.2	398.6	413.1	426.6	439.1	447.8	453.8	458.3	461.3	464.5	467.1
72.5°	468.1	486.7	503.9	520.2	534.5	544.5	551.6	557.3	561.5	564.8	566.4
70°	558.3	580.5	599.6	615.9	628.8	638.4	646.0	652.1	656.8	660.0	661.7
67.5°	651.7	675.5	693.4	707.6	719.2	729.4	738.8	745.8	750.4	755.0	760.0
65°	747.0	771.1	789.5	804.6	816.8	830.0	842.1	851.0	857.0	862.5	868.0
62.5°	836.5	864.0	885.1	904.9	924.9	943.8	954.8	963.3	969.3	974.6	980.9
60°	917.9	949.0	974.9	998.8	1023.3	1047.9	1058.0	1066.0	1073.4	1080.4	1086.8
57.5°	990.1	1023.1	1054.6	1078.3	1101.8	1124.8	1140.6	1149.3	1155.1	1158.3	1161.0
55°	1053.0	1085.9	1117.3	1144.7	1170.1	1193.7	1211.3	1219.8	1226.2	1230.2	1232.7
52.5°	1109.2	1144.5	1178.2	1208.5	1235.9	1261.3	1283.4	1295.1	1304.6	1311.4	1313.5
50°	1164.5	1202.8	1239.2	1271.5	1303.5	1334.0	1362.0	1378.2	1389.6	1396.7	1398.9
47.5°	1222.3	1263.8	1303.1	1340.7	1377.0	1413.1	1446.3	1468.5	1484.9	1497.0	1505.7
45°	1282.5	1327.1	1370.6	1415.0	1456.7	1503.2	1545.3	1577.5	1601.4	1622.1	1638.6
42.5°	1343.0	1393.1	1443.1	1500.2	1557.1	1610.0	1660.1	1702.9	1742.0	1780.2	1810.0
40°	1408.8	1463.7	1532.0	1599.7	1670.0	1731.6	1804.6	1870.0	1930.1	1994.9	2048.6
37.5°	1480.7	1551.2	1632.2	1713.4	1804.7	1893.2	1995.2	2095.7	2183.1	2296.6	2387.8
35°	1559.0	1648.3	1744.0	1852.9	1970.7	2109.5	2252.3	2419.8	2561.9	2742.5	2909.1
32.5°	1646.3	1751.3	1875.4	2025.2	2184.0	2407.1	2616.3	2900.3	3143.0	3456.2	3798.3
30°	1735.0	1870.7	2039.5	2233.0	2501.7	2818.3	3187.3	3667.4	4186.7	4723.9	5447.2
27.5°	1840.2	2016.4	2227.2	2525.9	2927.9	3366.0	4117.9	4929.7	6060.7	6956.1	8550.7
25°	1953.5	2171.6	2483.0	2916.0	3471.4	4358.1	5627.3	7096.9	9360.0	11373.0	13686.4
22.5°	2087.7	2384.0	2796.2	3363.2	4331.4	5857.0	7838.1	10856.0	14210.9	17522.1	20548.5
20°	2229.9	2587.7	3164.1	4087.5	5584.0	7790.0	11324.5	15636.9	20090.7	24628.6	28452.7
17.5°	2395.8	2881.7	3641.0	4867.5	7002.5	10779.4	15500.3	20983.8	26802.5	32593.0	37622.8
15°	2538.4	3138.8	4161.2	5998.3	9181.9	13906.2	19708.4	26633.9	33951.2	41465.9	49610.6
12.5°	2720.3	3448.6	4697.2	6933.2	11115.7	17256.1	24355.6	32396.3	41331.6	51309.4	64006.8
10°	2887.2	3773.5	5402.3	8431.1	13440.2	20385.4	28369.8	37492.2	49082.1	64076.3	79392.4
7.5°	3020.9	4031.2	5949.1	9600.0	15389.6	23058.6	31984.2	42921.5	57381.0	75235.6	92735.3
5°	3113.9	4209.8	6340.3	10483.2	16957.7	25101.7	34549.3	46923.9	64375.9	84369.9	102238.3
2.5°	3172.4	4307.5	6531.8	11007.6	17980.5	26331.1	36149.6	49467.5	68663.1	90184.6	108275.8
0°	3200.1	4324.4	6409.7	11262.6	18124.0	26244.3	36296.1	50316.7	69680.4	91763.6	109781.9
-2.5°	3172.4	4307.5	6531.8	11007.6	17980.5	26331.1	36149.6	49467.5	68663.1	90184.6	108275.8
-5°	3113.9	4209.8	6340.3	10483.2	16957.7	25101.7	34549.3	46923.9	64375.9	84369.9	102238.3
-7.5°	3020.9	4031.2	5949.1	9600.0	15389.6	23058.6	31984.2	42921.5	57381.0	75235.6	92735.3
-10°	2887.2	3773.5	5402.3	8431.1	13440.2	20385.4	28369.8	37492.2	49082.1	64076.3	79392.4
-12.5°	2720.3	3448.6	4697.2	6933.2	11115.7	17256.1	24355.6	32396.3	41331.6	51309.4	64006.8
-15°	2538.4	3138.8	4161.2	5998.3	9181.9	13906.2	19708.4	26633.9	33951.2	41465.9	49610.6
-17.5°	2395.8	2881.7	3641.0	4867.5	7002.5	10779.4	15500.3	20983.8	26802.5	32593.0	37622.8
-20°	2229.9	2587.7	3164.1	4087.5	5584.0	7790.0	11324.5	15636.9	20090.7	24628.6	28452.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627945 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2087.7	2384.0	2796.2	3363.2	4331.4	5857.0	7838.1	10856.0	14210.9	17522.1	20548.5
-25°	1953.5	2171.6	2483.0	2916.0	3471.4	4358.1	5627.3	7096.9	9360.0	11373.0	13686.4
-27.5°	1840.2	2016.4	2227.2	2525.9	2927.9	3366.0	4117.9	4929.7	6060.7	6956.1	8550.7
-30°	1735.0	1870.7	2039.5	2233.0	2501.7	2818.3	3187.3	3667.4	4186.7	4723.9	5447.2
-32.5°	1646.3	1751.3	1875.4	2025.2	2184.0	2407.1	2616.3	2900.3	3143.0	3456.2	3798.3
-35°	1559.0	1648.3	1744.0	1852.9	1970.7	2109.5	2252.3	2419.8	2561.9	2742.5	2909.1
-37.5°	1480.7	1551.2	1632.2	1713.4	1804.7	1893.2	1995.2	2095.7	2183.1	2296.6	2387.8
-40°	1408.8	1463.7	1532.0	1599.7	1670.0	1731.6	1804.6	1870.0	1930.1	1994.9	2048.6
-42.5°	1343.0	1393.1	1443.1	1500.2	1557.1	1610.0	1660.1	1702.9	1742.0	1780.2	1810.0
-45°	1282.5	1327.1	1370.6	1415.0	1456.7	1503.2	1545.3	1577.5	1601.4	1622.1	1638.6
-47.5°	1222.3	1263.8	1303.1	1340.7	1377.0	1413.1	1446.3	1468.5	1484.9	1497.0	1505.7
-50°	1164.5	1202.8	1239.2	1271.5	1303.5	1334.0	1362.0	1378.2	1389.6	1396.7	1398.9
-52.5°	1109.2	1144.5	1178.2	1208.5	1235.9	1261.3	1283.4	1295.1	1304.6	1311.4	1313.5
-55°	1053.0	1085.9	1117.3	1144.7	1170.1	1193.7	1211.3	1219.8	1226.2	1230.2	1232.7
-57.5°	990.1	1023.1	1054.6	1078.3	1101.8	1124.8	1140.6	1149.3	1155.1	1158.3	1161.0
-60°	917.9	949.0	974.9	998.8	1023.3	1047.9	1058.0	1066.0	1073.4	1080.4	1086.8
-62.5°	836.5	864.0	885.1	904.9	924.9	943.8	954.8	963.3	969.3	974.6	980.9
-65°	747.0	771.1	789.5	804.6	816.8	830.0	842.1	851.0	857.0	862.5	868.0
-67.5°	651.7	675.5	693.4	707.6	719.2	729.4	738.8	745.8	750.4	755.0	760.0
-70°	558.3	580.5	599.6	615.9	628.8	638.4	646.0	652.1	656.8	660.0	661.7
-72.5°	468.1	486.7	503.9	520.2	534.5	544.5	551.6	557.3	561.5	564.8	566.4
-75°	382.2	398.6	413.1	426.6	439.1	447.8	453.8	458.3	461.3	464.5	467.1
-77.5°	297.2	310.2	322.3	333.5	343.8	352.0	358.6	364.0	368.1	370.7	372.4
-80°	218.3	228.9	238.8	247.6	255.5	261.1	266.1	270.8	275.1	277.1	278.0
-82.5°	150.3	157.1	163.9	170.6	177.2	179.7	181.4	182.7	183.4	186.0	188.2
-85°	87.4	91.2	94.7	97.9	100.9	101.6	101.8	101.7	101.2	102.5	103.7
-87.5°	31.5	32.4	33.3	34.1	34.8	35.5	36.1	36.6	37.1	37.5	37.8
-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: P627945 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-740-U-MR-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°	38.1	38.3	38.4	38.4	38.4	38.3	38.1	37.8	37.5	37.1	36.6
85°	104.5	105.2	105.6	105.7	105.6	105.2	104.5	103.7	102.5	101.2	101.7
82.5°	190.0	191.2	192.0	192.2	192.0	191.2	190.0	188.2	186.0	183.4	182.7
80°	278.1	277.4	278.4	278.7	278.4	277.4	278.1	278.0	277.1	275.1	270.8
77.5°	373.2	373.1	374.3	374.8	374.3	373.1	373.2	372.4	370.7	368.1	364.0
75°	468.5	468.8	470.3	470.9	470.3	468.8	468.5	467.1	464.5	461.3	458.3
72.5°	566.4	564.8	566.3	567.0	566.3	564.8	566.4	566.4	564.8	561.5	557.3
70°	662.0	660.7	666.8	672.7	666.8	660.7	662.0	661.7	660.0	656.8	652.1
67.5°	763.4	765.4	772.3	778.4	772.3	765.4	763.4	760.0	755.0	750.4	745.8
65°	870.8	871.2	877.7	884.1	877.7	871.2	870.8	868.0	862.5	857.0	851.0
62.5°	984.7	985.8	992.7	999.4	992.7	985.8	984.7	980.9	974.6	969.3	963.3
60°	1090.5	1091.7	1094.2	1095.5	1094.2	1091.7	1090.5	1086.8	1080.4	1073.4	1066.0
57.5°	1161.8	1160.8	1161.9	1162.8	1161.9	1160.8	1161.8	1161.0	1158.3	1155.1	1149.3
55°	1232.2	1229.0	1225.3	1220.4	1225.3	1229.0	1232.2	1232.7	1230.2	1226.2	1219.8
52.5°	1311.7	1306.7	1302.1	1297.3	1302.1	1306.7	1311.7	1313.5	1311.4	1304.6	1295.1
50°	1397.5	1392.9	1388.5	1383.8	1388.5	1392.9	1397.5	1398.9	1396.7	1389.6	1378.2
47.5°	1511.6	1513.6	1512.7	1508.7	1512.7	1513.6	1511.6	1505.7	1497.0	1484.9	1468.5
45°	1650.3	1655.9	1656.5	1652.9	1656.5	1655.9	1650.3	1638.6	1622.1	1601.4	1577.5
42.5°	1831.1	1843.3	1850.1	1854.7	1850.1	1843.3	1831.1	1810.0	1780.2	1742.0	1702.9
40°	2087.6	2112.4	2128.2	2143.0	2128.2	2112.4	2087.6	2048.6	1994.9	1930.1	1870.0
37.5°	2455.4	2500.4	2520.5	2508.1	2520.5	2500.4	2455.4	2387.8	2296.6	2183.1	2095.7
35°	3037.4	3123.0	3167.5	3171.2	3167.5	3123.0	3037.4	2909.1	2742.5	2561.9	2419.8
32.5°	4051.2	4226.5	4320.7	4334.0	4320.7	4226.5	4051.2	3798.3	3456.2	3143.0	2900.3
30°	6000.8	6358.4	6526.4	6486.6	6526.4	6358.4	6000.8	5447.2	4723.9	4186.7	3667.4
27.5°	9790.4	10682.4	11211.0	11253.0	11211.0	10682.4	9790.4	8550.7	6956.1	6060.7	4929.7
25°	15735.5	17258.2	18233.2	18248.9	18233.2	17258.2	15735.5	13686.4	11373.0	9360.0	7096.9
22.5°	23347.0	25425.5	26564.3	26763.2	26564.3	25425.5	23347.0	20548.5	17522.1	14210.9	10856.0
20°	32165.3	34930.3	36409.7	36411.4	36409.7	34930.3	32165.3	28452.7	24628.6	20090.7	15636.9
17.5°	43025.4	47515.1	50333.5	51546.8	50333.5	47515.1	43025.4	37622.8	32593.0	26802.5	20983.8
15°	57453.2	64998.0	69519.1	70333.8	69519.1	64998.0	57453.2	49610.6	41465.9	33951.2	26633.9
12.5°	75020.8	84568.9	90987.2	93339.6	90987.2	84568.9	75020.8	64006.8	51309.4	41331.6	32396.3
10°	93362.8	102209.7	109085.7	111396.4	109085.7	102209.7	93362.8	79392.4	64076.3	49082.1	37492.2
7.5°	106613.4	117163.0	124908.3	128309.5	124908.3	117163.0	106613.4	92735.3	75235.6	57381.0	42921.5
5°	117073.5	129556.2	136766.3	139966.2	136766.3	129556.2	117073.5	102238.3	84369.9	64375.9	46923.9
2.5°	123936.6	136270.7	143905.8	146856.4	143905.8	136270.7	123936.6	108275.8	90184.6	68663.1	49467.5
0°	126502.9	138563.2	146106.8	149710.5	146106.8	138563.2	126502.9	109781.9	91763.6	69680.4	50316.7
-2.5°	123936.6	136270.7	143905.8	146856.4	143905.8	136270.7	123936.6	108275.8	90184.6	68663.1	49467.5
-5°	117073.5	129556.2	136766.3	139966.2	136766.3	129556.2	117073.5	102238.3	84369.9	64375.9	46923.9
-7.5°	106613.4	117163.0	124908.3	128309.5	124908.3	117163.0	106613.4	92735.3	75235.6	57381.0	42921.5
-10°	93362.8	102209.7	109085.7	111396.4	109085.7	102209.7	93362.8	79392.4	64076.3	49082.1	37492.2
-12.5°	75020.8	84568.9	90987.2	93339.6	90987.2	84568.9	75020.8	64006.8	51309.4	41331.6	32396.3
-15°	57453.2	64998.0	69519.1	70333.8	69519.1	64998.0	57453.2	49610.6	41465.9	33951.2	26633.9
-17.5°	43025.4	47515.1	50333.5	51546.8	50333.5	47515.1	43025.4	37622.8	32593.0	26802.5	20983.8
-20°	32165.3	34930.3	36409.7	36411.4	36409.7	34930.3	32165.3	28452.7	24628.6	20090.7	15636.9



REPORT NUMBER: P627945 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	23347.0	25425.5	26564.3	26763.2	26564.3	25425.5	23347.0	20548.5	17522.1	14210.9	10856.0
-25°	15735.5	17258.2	18233.2	18248.9	18233.2	17258.2	15735.5	13686.4	11373.0	9360.0	7096.9
-27.5°	9790.4	10682.4	11211.0	11253.0	11211.0	10682.4	9790.4	8550.7	6956.1	6060.7	4929.7
-30°	6000.8	6358.4	6526.4	6486.6	6526.4	6358.4	6000.8	5447.2	4723.9	4186.7	3667.4
-32.5°	4051.2	4226.5	4320.7	4334.0	4320.7	4226.5	4051.2	3798.3	3456.2	3143.0	2900.3
-35°	3037.4	3123.0	3167.5	3171.2	3167.5	3123.0	3037.4	2909.1	2742.5	2561.9	2419.8
-37.5°	2455.4	2500.4	2520.5	2508.1	2520.5	2500.4	2455.4	2387.8	2296.6	2183.1	2095.7
-40°	2087.6	2112.4	2128.2	2143.0	2128.2	2112.4	2087.6	2048.6	1994.9	1930.1	1870.0
-42.5°	1831.1	1843.3	1850.1	1854.7	1850.1	1843.3	1831.1	1810.0	1780.2	1742.0	1702.9
-45°	1650.3	1655.9	1656.5	1652.9	1656.5	1655.9	1650.3	1638.6	1622.1	1601.4	1577.5
-47.5°	1511.6	1513.6	1512.7	1508.7	1512.7	1513.6	1511.6	1505.7	1497.0	1484.9	1468.5
-50°	1397.5	1392.9	1388.5	1383.8	1388.5	1392.9	1397.5	1398.9	1396.7	1389.6	1378.2
-52.5°	1311.7	1306.7	1302.1	1297.3	1302.1	1306.7	1311.7	1313.5	1311.4	1304.6	1295.1
-55°	1232.2	1229.0	1225.3	1220.4	1225.3	1229.0	1232.2	1232.7	1230.2	1226.2	1219.8
-57.5°	1161.8	1160.8	1161.9	1162.8	1161.9	1160.8	1161.8	1161.0	1158.3	1155.1	1149.3
-60°	1090.5	1091.7	1094.2	1095.5	1094.2	1091.7	1090.5	1086.8	1080.4	1073.4	1066.0
-62.5°	984.7	985.8	992.7	999.4	992.7	985.8	984.7	980.9	974.6	969.3	963.3
-65°	870.8	871.2	877.7	884.1	877.7	871.2	870.8	868.0	862.5	857.0	851.0
-67.5°	763.4	765.4	772.3	778.4	772.3	765.4	763.4	760.0	755.0	750.4	745.8
-70°	662.0	660.7	666.8	672.7	666.8	660.7	662.0	661.7	660.0	656.8	652.1
-72.5°	566.4	564.8	566.3	567.0	566.3	564.8	566.4	566.4	564.8	561.5	557.3
-75°	468.5	468.8	470.3	470.9	470.3	468.8	468.5	467.1	464.5	461.3	458.3
-77.5°	373.2	373.1	374.3	374.8	374.3	373.1	373.2	372.4	370.7	368.1	364.0
-80°	278.1	277.4	278.4	278.7	278.4	277.4	278.1	278.0	277.1	275.1	270.8
-82.5°	190.0	191.2	192.0	192.2	192.0	191.2	190.0	188.2	186.0	183.4	182.7
-85°	104.5	105.2	105.6	105.7	105.6	105.2	104.5	103.7	102.5	101.2	101.7
-87.5°	38.1	38.3	38.4	38.4	38.4	38.3	38.1	37.8	37.5	37.1	36.6
-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):

	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°	36.1	35.5	34.8	34.1	33.3	32.4	31.5	30.5	29.4	28.3	27.1
85°	101.8	101.6	100.9	97.9	94.7	91.2	87.4	83.5	79.3	74.8	70.2
82.5°	181.4	179.7	177.2	170.6	163.9	157.1	150.3	144.3	138.0	131.4	124.4
80°	266.1	261.1	255.5	247.6	238.8	228.9	218.3	208.3	197.7	187.8	178.5
77.5°	358.6	352.0	343.8	333.5	322.3	310.2	297.2	284.0	270.8	256.9	242.3
75°	453.8	447.8	439.1	426.6	413.1	398.6	382.2	364.0	345.7	327.3	309.5
72.5°	551.6	544.5	534.5	520.2	503.9	486.7	468.1	447.3	424.5	399.6	377.0
70°	646.0	638.4	628.8	615.9	599.6	580.5	558.3	534.0	508.4	481.6	454.1
67.5°	738.8	729.4	719.2	707.6	693.4	675.5	651.7	623.7	594.1	563.7	532.0
65°	842.1	830.0	816.8	804.6	789.5	771.1	747.0	719.9	687.4	650.1	609.8
62.5°	954.8	943.8	924.9	904.9	885.1	864.0	836.5	807.0	777.2	742.7	694.7
60°	1058.0	1047.9	1023.3	998.8	974.9	949.0	917.9	886.6	855.2	817.5	773.7
57.5°	1140.6	1124.8	1101.8	1078.3	1054.6	1023.1	990.1	959.0	924.6	888.2	847.4
55°	1211.3	1193.7	1170.1	1144.7	1117.3	1085.9	1053.0	1017.9	985.1	955.0	913.3
52.5°	1283.4	1261.3	1235.9	1208.5	1178.2	1144.5	1109.2	1072.5	1040.4	1009.3	974.2
50°	1362.0	1334.0	1303.5	1271.5	1239.2	1202.8	1164.5	1125.5	1094.7	1062.3	1027.1
47.5°	1446.3	1413.1	1377.0	1340.7	1303.1	1263.8	1222.3	1180.4	1146.4	1113.1	1076.6
45°	1545.3	1503.2	1456.7	1415.0	1370.6	1327.1	1282.5	1239.0	1196.4	1158.9	1123.8
42.5°	1660.1	1610.0	1557.1	1500.2	1443.1	1393.1	1343.0	1296.1	1248.8	1203.6	1163.1
40°	1804.6	1731.6	1670.0	1599.7	1532.0	1463.7	1408.8	1352.5	1300.7	1249.6	1202.9
37.5°	1995.2	1893.2	1804.7	1713.4	1632.2	1551.2	1480.7	1416.7	1352.5	1297.4	1245.1
35°	2252.3	2109.5	1970.7	1852.9	1744.0	1648.3	1559.0	1483.9	1413.1	1345.8	1287.2
32.5°	2616.3	2407.1	2184.0	2025.2	1875.4	1751.3	1646.3	1552.9	1471.8	1397.9	1330.7
30°	3187.3	2818.3	2501.7	2233.0	2039.5	1870.7	1735.0	1625.3	1530.2	1448.0	1373.3
27.5°	4117.9	3366.0	2927.9	2525.9	2227.2	2016.4	1840.2	1697.1	1586.9	1496.9	1415.3
25°	5627.3	4358.1	3471.4	2916.0	2483.0	2171.6	1953.5	1783.1	1648.1	1541.1	1445.1
22.5°	7838.1	5857.0	4331.4	3363.2	2796.2	2384.0	2087.7	1868.0	1702.9	1578.9	1474.6
20°	11324.5	7790.0	5584.0	4087.5	3164.1	2587.7	2229.9	1967.4	1770.1	1619.8	1500.7
17.5°	15500.3	10779.4	7002.5	4867.5	3641.0	2881.7	2395.8	2063.0	1829.4	1656.6	1522.7
15°	19708.4	13906.2	9181.9	5998.3	4161.2	3138.8	2538.4	2145.4	1887.5	1697.0	1550.3
12.5°	24355.6	17256.1	11115.7	6933.2	4697.2	3448.6	2720.3	2256.6	1950.8	1737.4	1577.0
10°	28369.8	20385.4	13440.2	8431.1	5402.3	3773.5	2887.2	2351.9	2003.8	1770.0	1597.8
7.5°	31984.2	23058.6	15389.6	9600.0	5949.1	4031.2	3020.9	2427.8	2043.5	1793.9	1612.6
5°	34549.3	25101.7	16957.7	10483.2	6340.3	4209.8	3113.9	2481.4	2069.7	1808.9	1621.1
2.5°	36149.6	26331.1	17980.5	11007.6	6531.8	4307.5	3172.4	2512.0	2091.8	1825.5	1625.8
0°	36296.1	26244.3	18124.0	11262.6	6409.7	4324.4	3200.1	2517.8	2104.5	1835.5	1624.0
-2.5°	36149.6	26331.1	17980.5	11007.6	6531.8	4307.5	3172.4	2512.0	2091.8	1825.5	1625.8
-5°	34549.3	25101.7	16957.7	10483.2	6340.3	4209.8	3113.9	2481.4	2069.7	1808.9	1621.1
-7.5°	31984.2	23058.6	15389.6	9600.0	5949.1	4031.2	3020.9	2427.8	2043.5	1793.9	1612.6
-10°	28369.8	20385.4	13440.2	8431.1	5402.3	3773.5	2887.2	2351.9	2003.8	1770.0	1597.8
-12.5°	24355.6	17256.1	11115.7	6933.2	4697.2	3448.6	2720.3	2256.6	1950.8	1737.4	1577.0
-15°	19708.4	13906.2	9181.9	5998.3	4161.2	3138.8	2538.4	2145.4	1887.5	1697.0	1550.3
-17.5°	15500.3	10779.4	7002.5	4867.5	3641.0	2881.7	2395.8	2063.0	1829.4	1656.6	1522.7
-20°	11324.5	7790.0	5584.0	4087.5	3164.1	2587.7	2229.9	1967.4	1770.1	1619.8	1500.7



REPORT NUMBER: P627945 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7838.1	5857.0	4331.4	3363.2	2796.2	2384.0	2087.7	1868.0	1702.9	1578.9	1474.6
-25°	5627.3	4358.1	3471.4	2916.0	2483.0	2171.6	1953.5	1783.1	1648.1	1541.1	1445.1
-27.5°	4117.9	3366.0	2927.9	2525.9	2227.2	2016.4	1840.2	1697.1	1586.9	1496.9	1415.3
-30°	3187.3	2818.3	2501.7	2233.0	2039.5	1870.7	1735.0	1625.3	1530.2	1448.0	1373.3
-32.5°	2616.3	2407.1	2184.0	2025.2	1875.4	1751.3	1646.3	1552.9	1471.8	1397.9	1330.7
-35°	2252.3	2109.5	1970.7	1852.9	1744.0	1648.3	1559.0	1483.9	1413.1	1345.8	1287.2
-37.5°	1995.2	1893.2	1804.7	1713.4	1632.2	1551.2	1480.7	1416.7	1352.5	1297.4	1245.1
-40°	1804.6	1731.6	1670.0	1599.7	1532.0	1463.7	1408.8	1352.5	1300.7	1249.6	1202.9
-42.5°	1660.1	1610.0	1557.1	1500.2	1443.1	1393.1	1343.0	1296.1	1248.8	1203.6	1163.1
-45°	1545.3	1503.2	1456.7	1415.0	1370.6	1327.1	1282.5	1239.0	1196.4	1158.9	1123.8
-47.5°	1446.3	1413.1	1377.0	1340.7	1303.1	1263.8	1222.3	1180.4	1146.4	1113.1	1076.6
-50°	1362.0	1334.0	1303.5	1271.5	1239.2	1202.8	1164.5	1125.5	1094.7	1062.3	1027.1
-52.5°	1283.4	1261.3	1235.9	1208.5	1178.2	1144.5	1109.2	1072.5	1040.4	1009.3	974.2
-55°	1211.3	1193.7	1170.1	1144.7	1117.3	1085.9	1053.0	1017.9	985.1	955.0	913.3
-57.5°	1140.6	1124.8	1101.8	1078.3	1054.6	1023.1	990.1	959.0	924.6	888.2	847.4
-60°	1058.0	1047.9	1023.3	998.8	974.9	949.0	917.9	886.6	855.2	817.5	773.7
-62.5°	954.8	943.8	924.9	904.9	885.1	864.0	836.5	807.0	777.2	742.7	694.7
-65°	842.1	830.0	816.8	804.6	789.5	771.1	747.0	719.9	687.4	650.1	609.8
-67.5°	738.8	729.4	719.2	707.6	693.4	675.5	651.7	623.7	594.1	563.7	532.0
-70°	646.0	638.4	628.8	615.9	599.6	580.5	558.3	534.0	508.4	481.6	454.1
-72.5°	551.6	544.5	534.5	520.2	503.9	486.7	468.1	447.3	424.5	399.6	377.0
-75°	453.8	447.8	439.1	426.6	413.1	398.6	382.2	364.0	345.7	327.3	309.5
-77.5°	358.6	352.0	343.8	333.5	322.3	310.2	297.2	284.0	270.8	256.9	242.3
-80°	266.1	261.1	255.5	247.6	238.8	228.9	218.3	208.3	197.7	187.8	178.5
-82.5°	181.4	179.7	177.2	170.6	163.9	157.1	150.3	144.3	138.0	131.4	124.4
-85°	101.8	101.6	100.9	97.9	94.7	91.2	87.4	83.5	79.3	74.8	70.2
-87.5°	36.1	35.5	34.8	34.1	33.3	32.4	31.5	30.5	29.4	28.3	27.1
-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: P627945 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-740-U-MR-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°	25.9	24.7	23.4	22.0	20.6	19.2	17.7	16.2	14.7	13.1	11.5
85°	65.3	60.3	55.1	49.6	44.1	38.4	35.4	32.4	29.4	26.2	23.1
82.5°	117.1	109.5	101.7	93.6	85.2	76.6	67.8	58.7	49.2	40.1	34.6
80°	168.7	158.6	148.2	137.4	126.6	114.7	103.0	90.7	77.3	64.4	52.1
77.5°	227.1	211.3	194.9	181.4	168.9	155.2	140.2	123.4	105.1	88.4	72.6
75°	291.1	272.0	252.4	233.0	214.4	195.7	178.6	158.9	135.9	112.6	92.7
72.5°	357.0	335.1	311.2	286.9	264.9	242.2	219.0	193.9	167.6	140.9	113.9
70°	426.7	399.6	373.0	345.4	317.1	288.7	261.8	231.7	199.0	168.9	138.4
67.5°	499.0	466.8	434.9	403.6	371.5	338.5	304.8	269.6	233.3	196.4	162.5
65°	573.0	534.9	496.0	461.1	425.2	388.4	350.6	307.9	267.0	226.5	186.2
62.5°	648.4	604.2	561.2	518.8	478.2	437.4	395.2	347.2	300.5	256.0	211.3
60°	724.4	673.5	625.0	577.7	531.1	485.7	438.1	385.4	334.4	284.8	236.6
57.5°	797.0	741.0	685.9	634.2	583.6	533.3	480.0	423.2	367.1	313.4	261.2
55°	867.7	810.5	745.7	687.0	633.2	579.6	520.5	460.4	399.2	341.1	285.2
52.5°	930.1	873.0	805.9	738.7	678.4	622.4	559.1	496.4	431.6	367.8	308.4
50°	986.5	928.8	861.4	790.4	721.8	659.7	596.0	529.7	463.0	394.0	330.9
47.5°	1035.2	979.9	913.4	839.2	765.9	695.6	629.5	561.3	493.2	420.8	352.6
45°	1079.3	1029.1	963.1	887.1	806.8	732.1	661.0	591.1	519.9	446.8	373.5
42.5°	1120.4	1071.7	1011.4	933.8	848.3	767.1	691.2	618.5	545.0	471.3	394.3
40°	1157.7	1108.9	1056.6	977.6	887.7	799.9	720.8	644.5	568.6	493.8	414.5
37.5°	1194.6	1144.1	1089.9	1018.4	924.5	833.4	748.5	669.0	591.3	513.9	433.4
35°	1232.5	1178.3	1119.1	1050.5	959.8	864.3	773.9	692.0	612.6	532.8	451.0
32.5°	1268.8	1209.1	1145.9	1077.6	992.6	892.3	798.6	714.4	632.6	550.4	467.4
30°	1304.5	1234.4	1169.7	1105.3	1021.3	919.8	822.9	735.2	651.2	566.8	482.1
27.5°	1331.6	1256.4	1190.6	1127.0	1045.3	945.2	846.5	754.3	668.3	581.9	495.3
25°	1356.0	1277.6	1208.6	1144.3	1069.0	971.4	868.1	771.9	683.8	595.6	507.2
22.5°	1380.4	1296.0	1223.6	1158.9	1091.4	995.0	888.6	789.4	697.9	608.0	517.9
20°	1401.4	1310.7	1236.0	1172.5	1106.4	1013.4	907.7	805.0	710.3	619.0	527.5
17.5°	1419.4	1325.9	1249.0	1183.5	1116.7	1029.0	924.4	818.6	721.2	628.5	535.7
15°	1437.8	1341.5	1260.1	1192.0	1125.6	1041.8	938.7	830.2	730.4	636.6	543.4
12.5°	1453.5	1353.1	1268.6	1198.1	1133.1	1051.8	950.4	839.7	737.9	644.1	550.6
10°	1465.8	1360.8	1274.7	1201.9	1139.0	1059.0	959.7	848.5	746.8	650.9	556.5
7.5°	1474.4	1364.6	1278.2	1203.5	1143.2	1065.4	968.7	858.2	754.8	656.2	561.1
5°	1480.2	1366.3	1280.5	1207.1	1145.6	1071.5	975.2	865.7	761.2	660.1	564.4
2.5°	1487.1	1367.0	1280.6	1209.8	1145.7	1075.1	979.0	871.2	765.9	662.3	566.3
0°	1489.5	1364.6	1278.1	1210.8	1143.6	1076.3	980.2	874.5	768.8	663.1	567.0
-2.5°	1487.1	1367.0	1280.6	1209.8	1145.7	1075.1	979.0	871.2	765.9	662.3	566.3
-5°	1480.2	1366.3	1280.5	1207.1	1145.6	1071.5	975.2	865.7	761.2	660.1	564.4
-7.5°	1474.4	1364.6	1278.2	1203.5	1143.2	1065.4	968.7	858.2	754.8	656.2	561.1
-10°	1465.8	1360.8	1274.7	1201.9	1139.0	1059.0	959.7	848.5	746.8	650.9	556.5
-12.5°	1453.5	1353.1	1268.6	1198.1	1133.1	1051.8	950.4	839.7	737.9	644.1	550.6
-15°	1437.8	1341.5	1260.1	1192.0	1125.6	1041.8	938.7	830.2	730.4	636.6	543.4
-17.5°	1419.4	1325.9	1249.0	1183.5	1116.7	1029.0	924.4	818.6	721.2	628.5	535.7
-20°	1401.4	1310.7	1236.0	1172.5	1106.4	1013.4	907.7	805.0	710.3	619.0	527.5



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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°	1380.4	1296.0	1223.6	1158.9	1091.4	995.0	888.6	789.4	697.9	608.0	517.9
-25°	1356.0	1277.6	1208.6	1144.3	1069.0	971.4	868.1	771.9	683.8	595.6	507.2
-27.5°	1331.6	1256.4	1190.6	1127.0	1045.3	945.2	846.5	754.3	668.3	581.9	495.3
-30°	1304.5	1234.4	1169.7	1105.3	1021.3	919.8	822.9	735.2	651.2	566.8	482.1
-32.5°	1268.8	1209.1	1145.9	1077.6	992.6	892.3	798.6	714.4	632.6	550.4	467.4
-35°	1232.5	1178.3	1119.1	1050.5	959.8	864.3	773.9	692.0	612.6	532.8	451.0
-37.5°	1194.6	1144.1	1089.9	1018.4	924.5	833.4	748.5	669.0	591.3	513.9	433.4
-40°	1157.7	1108.9	1056.6	977.6	887.7	799.9	720.8	644.5	568.6	493.8	414.5
-42.5°	1120.4	1071.7	1011.4	933.8	848.3	767.1	691.2	618.5	545.0	471.3	394.3
-45°	1079.3	1029.1	963.1	887.1	806.8	732.1	661.0	591.1	519.9	446.8	373.5
-47.5°	1035.2	979.9	913.4	839.2	765.9	695.6	629.5	561.3	493.2	420.8	352.6
-50°	986.5	928.8	861.4	790.4	721.8	659.7	596.0	529.7	463.0	394.0	330.9
-52.5°	930.1	873.0	805.9	738.7	678.4	622.4	559.1	496.4	431.6	367.8	308.4
-55°	867.7	810.5	745.7	687.0	633.2	579.6	520.5	460.4	399.2	341.1	285.2
-57.5°	797.0	741.0	685.9	634.2	583.6	533.3	480.0	423.2	367.1	313.4	261.2
-60°	724.4	673.5	625.0	577.7	531.1	485.7	438.1	385.4	334.4	284.8	236.6
-62.5°	648.4	604.2	561.2	518.8	478.2	437.4	395.2	347.2	300.5	256.0	211.3
-65°	573.0	534.9	496.0	461.1	425.2	388.4	350.6	307.9	267.0	226.5	186.2
-67.5°	499.0	466.8	434.9	403.6	371.5	338.5	304.8	269.6	233.3	196.4	162.5
-70°	426.7	399.6	373.0	345.4	317.1	288.7	261.8	231.7	199.0	168.9	138.4
-72.5°	357.0	335.1	311.2	286.9	264.9	242.2	219.0	193.9	167.6	140.9	113.9
-75°	291.1	272.0	252.4	233.0	214.4	195.7	178.6	158.9	135.9	112.6	92.7
-77.5°	227.1	211.3	194.9	181.4	168.9	155.2	140.2	123.4	105.1	88.4	72.6
-80°	168.7	158.6	148.2	137.4	126.6	114.7	103.0	90.7	77.3	64.4	52.1
-82.5°	117.1	109.5	101.7	93.6	85.2	76.6	67.8	58.7	49.2	40.1	34.6
-85°	65.3	60.3	55.1	49.6	44.1	38.4	35.4	32.4	29.4	26.2	23.1
-87.5°	25.9	24.7	23.4	22.0	20.6	19.2	17.7	16.2	14.7	13.1	11.5
-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°	9.9	8.3	6.7	5.0	3.3	1.7	0.0
85°	19.9	16.6	13.3	10.0	6.7	3.3	0.0
82.5°	29.7	24.9	19.9	15.0	10.0	5.0	0.0
80°	40.4	33.1	26.5	19.9	13.3	6.7	0.0
77.5°	57.5	43.4	33.1	24.9	16.6	8.3	0.0
75°	74.5	57.5	40.4	29.7	19.9	9.9	0.0
72.5°	91.3	71.6	51.7	34.6	23.1	11.5	0.0
70°	108.4	85.4	62.8	40.0	26.2	13.1	0.0
67.5°	129.4	99.0	73.7	48.2	29.4	14.7	0.0
65°	150.0	114.3	84.4	56.2	32.4	16.2	0.0
62.5°	170.2	131.2	94.9	64.1	35.4	17.7	0.0
60°	190.0	147.7	105.2	71.8	38.4	19.2	0.0
57.5°	210.7	163.8	117.9	79.4	43.4	20.6	0.0
55°	231.0	179.4	130.5	86.7	48.2	22.0	0.0
52.5°	250.6	194.8	142.7	93.8	53.0	23.4	0.0
50°	269.3	210.3	154.4	100.7	57.6	24.7	0.0
47.5°	287.3	225.1	165.8	107.7	62.0	25.9	0.0
45°	305.2	239.3	176.7	115.9	66.2	27.1	0.0
42.5°	322.2	252.7	187.2	123.8	70.3	28.3	0.0
40°	338.5	265.4	197.3	131.2	74.2	29.4	0.0
37.5°	353.9	277.3	206.9	138.1	77.8	30.5	0.0
35°	368.4	289.0	215.9	144.5	81.3	31.5	0.0
32.5°	382.2	300.3	224.2	150.4	84.6	32.4	0.0
30°	395.2	310.9	232.0	155.9	87.6	33.3	0.0
27.5°	407.1	320.6	239.0	160.8	90.5	34.1	0.0
25°	417.8	329.5	245.5	165.3	93.1	34.8	0.0
22.5°	427.4	337.5	251.4	169.2	95.4	35.5	0.0
20°	435.8	344.5	256.9	172.7	97.6	36.1	0.0
17.5°	443.4	350.5	261.8	175.6	99.5	36.6	0.0
15°	450.4	355.5	266.2	178.1	101.1	37.1	0.0
12.5°	456.5	359.4	269.9	180.0	102.5	37.5	0.0
10°	461.5	362.4	273.0	181.5	103.7	37.8	0.0
7.5°	465.6	364.5	275.5	182.5	104.5	38.1	0.0
5°	468.5	365.6	277.2	183.0	105.2	38.3	0.0
2.5°	470.3	365.8	278.3	183.0	105.6	38.4	0.0
0°	470.9	365.2	278.7	182.6	105.7	38.4	0.0
-2.5°	470.3	365.8	278.3	183.0	105.6	38.4	0.0
-5°	468.5	365.6	277.2	183.0	105.2	38.3	0.0
-7.5°	465.6	364.5	275.5	182.5	104.5	38.1	0.0
-10°	461.5	362.4	273.0	181.5	103.7	37.8	0.0
-12.5°	456.5	359.4	269.9	180.0	102.5	37.5	0.0
-15°	450.4	355.5	266.2	178.1	101.1	37.1	0.0
-17.5°	443.4	350.5	261.8	175.6	99.5	36.6	0.0
-20°	435.8	344.5	256.9	172.7	97.6	36.1	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	427.4	337.5	251.4	169.2	95.4	35.5	0.0
-25°	417.8	329.5	245.5	165.3	93.1	34.8	0.0
-27.5°	407.1	320.6	239.0	160.8	90.5	34.1	0.0
-30°	395.2	310.9	232.0	155.9	87.6	33.3	0.0
-32.5°	382.2	300.3	224.2	150.4	84.6	32.4	0.0
-35°	368.4	289.0	215.9	144.5	81.3	31.5	0.0
-37.5°	353.9	277.3	206.9	138.1	77.8	30.5	0.0
-40°	338.5	265.4	197.3	131.2	74.2	29.4	0.0
-42.5°	322.2	252.7	187.2	123.8	70.3	28.3	0.0
-45°	305.2	239.3	176.7	115.9	66.2	27.1	0.0
-47.5°	287.3	225.1	165.8	107.7	62.0	25.9	0.0
-50°	269.3	210.3	154.4	100.7	57.6	24.7	0.0
-52.5°	250.6	194.8	142.7	93.8	53.0	23.4	0.0
-55°	231.0	179.4	130.5	86.7	48.2	22.0	0.0
-57.5°	210.7	163.8	117.9	79.4	43.4	20.6	0.0
-60°	190.0	147.7	105.2	71.8	38.4	19.2	0.0
-62.5°	170.2	131.2	94.9	64.1	35.4	17.7	0.0
-65°	150.0	114.3	84.4	56.2	32.4	16.2	0.0
-67.5°	129.4	99.0	73.7	48.2	29.4	14.7	0.0
-70°	108.4	85.4	62.8	40.0	26.2	13.1	0.0
-72.5°	91.3	71.6	51.7	34.6	23.1	11.5	0.0
-75°	74.5	57.5	40.4	29.7	19.9	9.9	0.0
-77.5°	57.5	43.4	33.1	24.9	16.6	8.3	0.0
-80°	40.4	33.1	26.5	19.9	13.3	6.7	0.0
-82.5°	29.7	24.9	19.9	15.0	10.0	5.0	0.0
-85°	19.9	16.6	13.3	10.0	6.7	3.3	0.0
-87.5°	9.9	8.3	6.7	5.0	3.3	1.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)