

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: P627101 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-735-U-VWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627101 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-17)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3B-735-U-VWR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N73
Light Source: (48) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

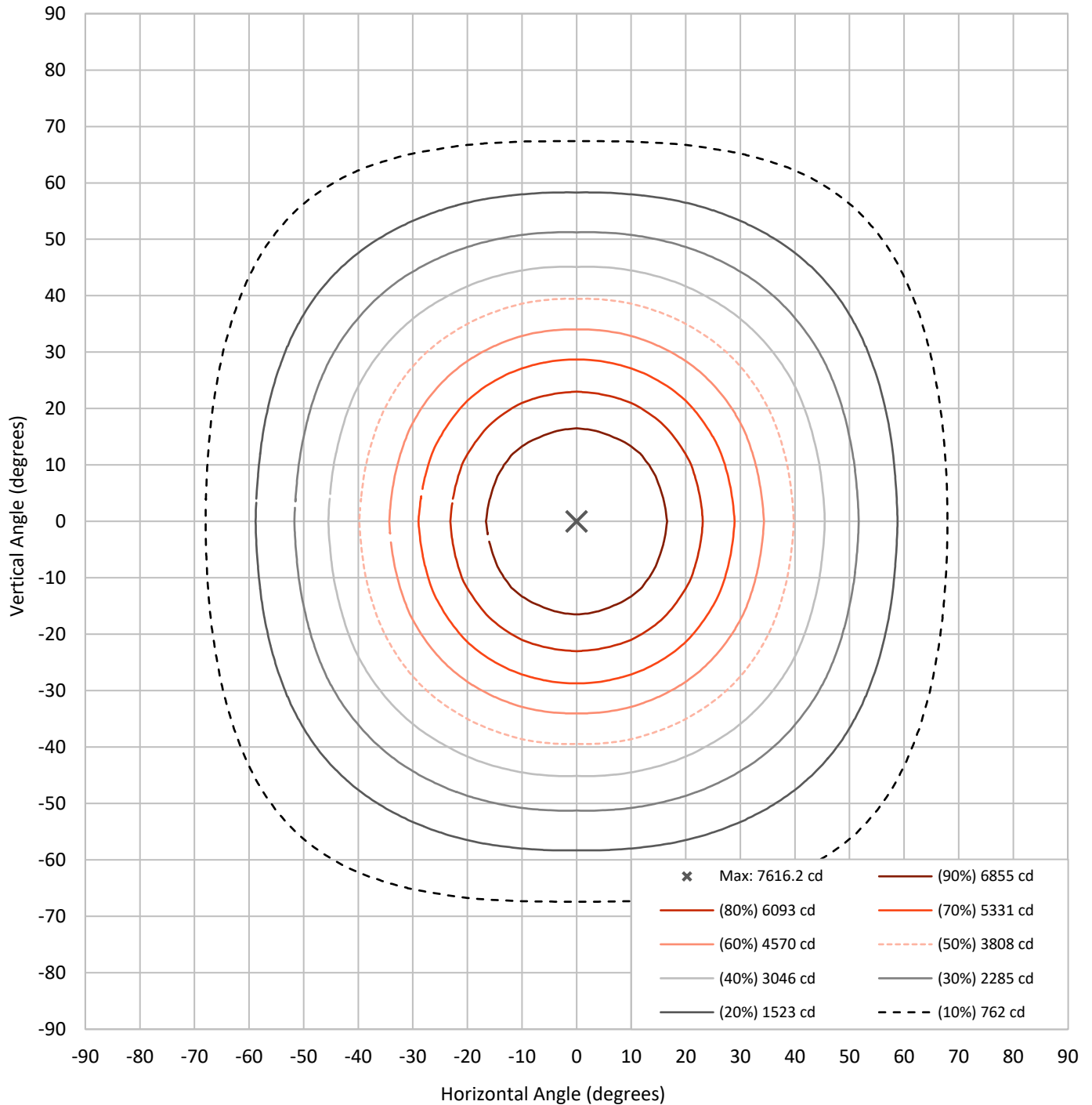
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	13765.6 lumens	Max Intensity:	7616.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	146.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	79.6°H x 78.9°V	Field Angle (10%):	135.9°H x 134.8°V
Beam Lumens:	8073.6 lumens	Field Lumens:	13123.2 lumens
Beam Efficiency:	58.7%	Field Efficiency:	95.3%
Input Watts (W):	93.7		
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





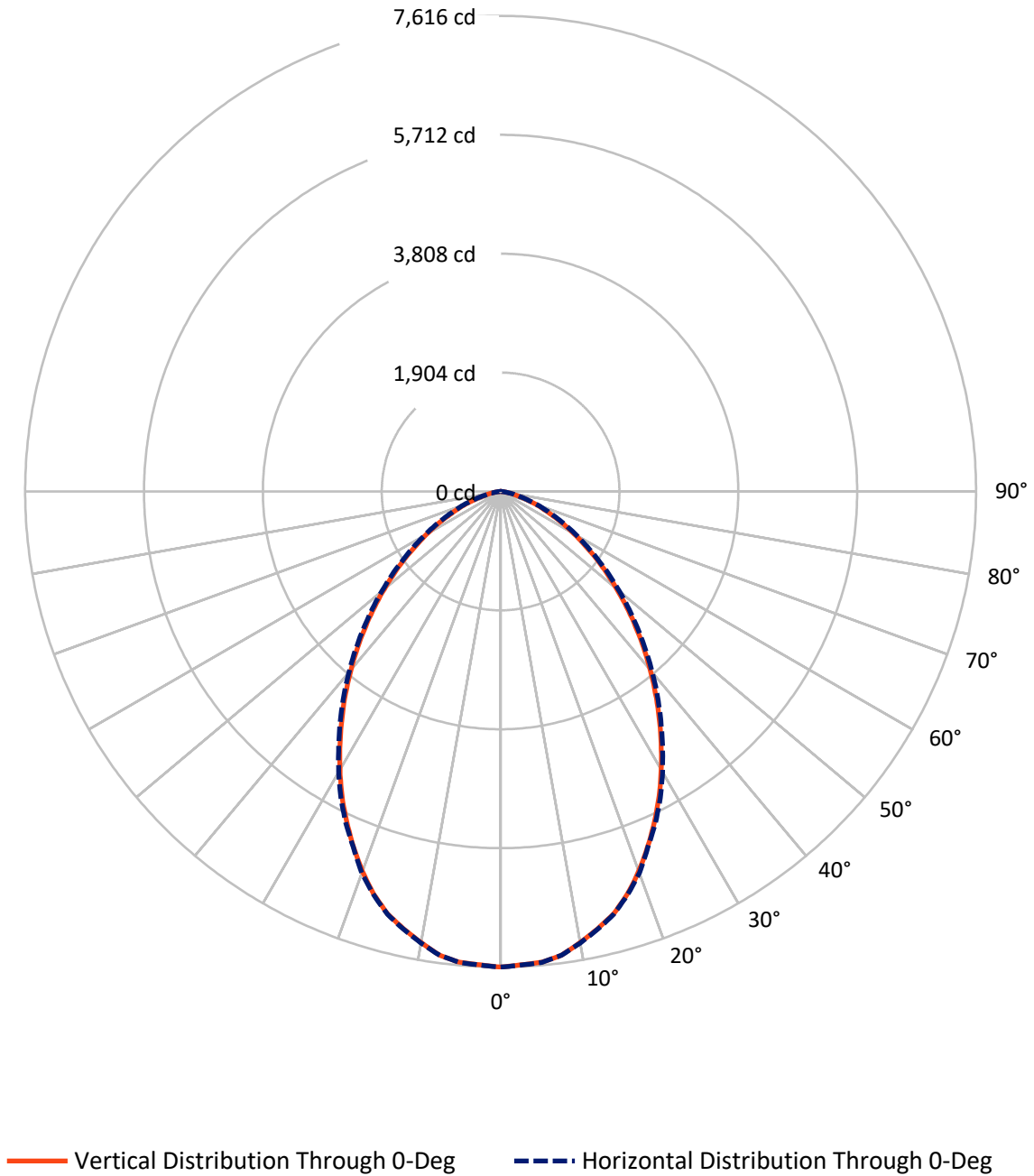
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Lumen Table

90																			
80	0.5	5.6	15.4	26.1	24.6	26.1	15.4	5.6	0.5										
70																			
60	2.6	3.5	7.1	12.1	17.8	22.9	26.8	28.7	28.7	26.8	22.9	17.8	12.1	7.1	3.5	2.6			
50																			
40	4.5	5.3	11.6	20.7	31.3	42.5	51.7	56.5	56.5	51.7	42.5	31.3	20.7	11.6	5.3	4.5			
30																			
20	5.8	7.1	16.7	30.9	49.0	67.9	83.7	92.4	92.4	83.7	67.9	49.0	30.9	16.7	7.1	5.8			
10																			
0	6.3	9.0	22.2	42.6	68.5	96.1	119.6	133.0	133.0	119.6	96.1	68.5	42.6	22.2	9.0	6.3			
-10																			
-20	5.8	10.8	27.3	53.5	87.3	123.9	155.8	174.1	174.1	155.8	123.9	87.3	53.5	27.3	10.8	5.8			
-30																			
-40	4.5	12.1	31.2	61.7	101.9	146.4	185.7	208.0	208.0	185.7	146.4	101.9	61.7	31.2	12.1	4.5			
-50																			
-60	2.6	12.9	33.4	66.3	110.0	158.9	201.8	225.3	225.3	201.8	158.9	110.0	66.3	33.4	12.9	2.6			
-70																			
-80	0.5	12.9	33.4	66.3	110.0	158.9	201.8	225.3	225.3	201.8	158.9	110.0	66.3	33.4	12.9	0.5			
-90																			

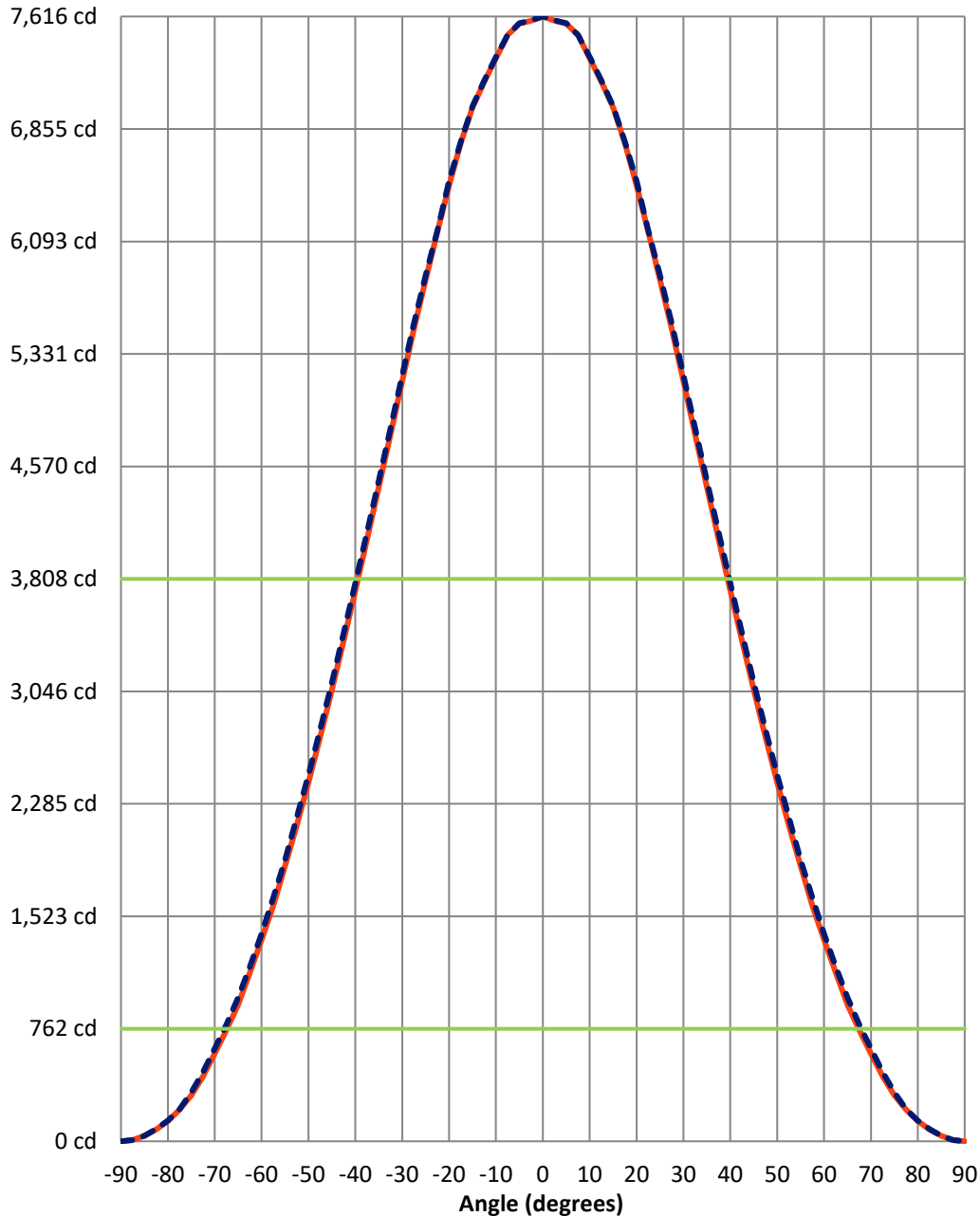
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 79.6°
 V Angle: 78.9°
 Lumens: 8073.6
 Efficiency: 58.7%

Field:
 H Angle: 135.9°
 V Angle: 134.8°
 Lumens: 13123.2
 Efficiency: 95.3%

Spill:
 Lumens: 642.4
 Efficiency: 4.7%

— 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	0.4	1.0	1.5	2.0	2.5	2.9	3.4	3.9	4.4	4.8
85°	0.0	0.9	2.0	3.0	4.0	4.9	5.9	6.8	7.8	8.7	9.6
82.5°	0.0	1.3	3.0	4.5	5.9	7.4	8.8	10.3	12.8	20.2	27.3
80°	0.0	1.7	3.9	5.9	7.9	9.8	13.3	23.7	33.7	43.3	52.5
77.5°	0.0	2.2	4.9	7.4	9.8	15.4	29.0	42.0	54.4	66.2	80.8
75°	0.0	2.6	5.8	8.8	12.8	26.7	44.3	60.3	75.7	96.8	119.3
72.5°	0.0	3.0	6.8	10.3	20.4	37.6	59.1	79.9	104.1	129.8	157.1
70°	0.0	3.4	7.7	12.3	27.8	48.2	73.9	103.5	131.9	162.2	197.6
67.5°	0.0	3.8	8.6	16.8	34.9	58.3	91.7	126.4	159.1	197.3	237.9
65°	0.0	4.2	9.4	21.2	41.6	69.6	108.7	148.8	188.4	231.4	275.6
62.5°	0.0	4.5	10.2	25.4	48.0	82.0	124.9	172.1	216.8	264.0	309.4
60°	0.0	4.9	11.0	29.3	54.0	93.7	140.1	195.3	244.0	294.5	342.7
57.5°	0.0	5.3	13.2	33.1	62.1	104.7	156.1	216.9	271.0	324.5	374.3
55°	0.0	5.6	15.4	36.5	69.7	115.0	171.3	235.5	297.5	353.5	404.6
52.5°	0.0	5.9	17.5	39.7	76.8	124.7	185.4	254.9	323.4	380.1	434.1
50°	0.0	6.2	19.5	42.7	83.4	135.0	198.2	273.3	347.9	406.0	467.9
47.5°	0.0	6.5	21.4	45.7	89.3	144.5	210.3	290.5	370.2	431.0	501.1
45°	0.0	6.8	23.2	49.7	94.7	153.0	223.7	306.3	387.5	459.3	532.8
42.5°	0.0	7.0	24.9	53.2	99.5	160.5	236.0	320.8	404.0	486.5	570.1
40°	0.0	7.3	26.5	56.9	104.2	167.1	247.2	334.6	421.3	511.9	606.5
37.5°	0.0	7.5	28.0	60.5	109.0	172.8	257.2	347.6	440.6	536.0	640.6
35°	0.0	7.7	29.4	63.9	113.0	179.3	266.0	359.9	459.4	563.7	675.0
32.5°	0.0	7.9	30.7	67.0	116.4	185.8	274.1	371.4	477.7	590.3	711.4
30°	0.0	8.1	31.9	69.9	119.2	191.4	282.6	382.9	495.4	615.8	745.5
27.5°	0.0	8.2	33.0	72.5	123.3	196.0	290.2	396.2	513.5	640.0	777.1
25°	0.0	8.3	33.9	74.8	127.1	199.7	296.9	408.6	532.4	664.6	806.3
22.5°	0.0	8.4	34.8	76.8	130.5	203.4	302.7	420.0	549.9	687.9	837.4
20°	0.0	8.5	35.5	78.6	133.4	208.4	307.4	430.2	565.7	708.8	865.3
17.5°	0.0	8.6	36.1	80.1	135.8	212.5	313.4	439.2	579.8	727.1	889.9
15°	0.0	8.7	36.6	81.3	137.8	215.8	319.5	447.8	592.0	742.7	911.1
12.5°	0.0	8.7	37.0	82.2	139.3	218.1	324.5	455.8	603.1	755.7	928.8
10°	0.0	8.7	37.2	82.9	140.3	219.5	328.4	462.1	612.7	767.9	943.8
7.5°	0.0	8.7	37.4	83.3	140.9	220.1	331.0	466.4	620.0	777.8	956.7
5°	0.0	8.7	37.4	83.4	141.0	219.9	332.3	468.9	625.1	784.9	966.0
2.5°	0.0	8.7	37.3	83.2	140.7	218.8	332.4	469.5	627.8	789.2	971.5
0°	0.0	8.6	37.1	82.8	139.9	217.0	331.1	468.2	628.0	790.7	973.4
-2.5°	0.0	8.7	37.3	83.2	140.7	218.8	332.4	469.5	627.8	789.2	971.5
-5°	0.0	8.7	37.4	83.4	141.0	219.9	332.3	468.9	625.1	784.9	966.0
-7.5°	0.0	8.7	37.4	83.3	140.9	220.1	331.0	466.4	620.0	777.8	956.7
-10°	0.0	8.7	37.2	82.9	140.3	219.5	328.4	462.1	612.7	767.9	943.8
-12.5°	0.0	8.7	37.0	82.2	139.3	218.1	324.5	455.8	603.1	755.7	928.8
-15°	0.0	8.7	36.6	81.3	137.8	215.8	319.5	447.8	592.0	742.7	911.1
-17.5°	0.0	8.6	36.1	80.1	135.8	212.5	313.4	439.2	579.8	727.1	889.9
-20°	0.0	8.5	35.5	78.6	133.4	208.4	307.4	430.2	565.7	708.8	865.3

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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	8.4	34.8	76.8	130.5	203.4	302.7	420.0	549.9	687.9	837.4
-25°	0.0	8.3	33.9	74.8	127.1	199.7	296.9	408.6	532.4	664.6	806.3
-27.5°	0.0	8.2	33.0	72.5	123.3	196.0	290.2	396.2	513.5	640.0	777.1
-30°	0.0	8.1	31.9	69.9	119.2	191.4	282.6	382.9	495.4	615.8	745.5
-32.5°	0.0	7.9	30.7	67.0	116.4	185.8	274.1	371.4	477.7	590.3	711.4
-35°	0.0	7.7	29.4	63.9	113.0	179.3	266.0	359.9	459.4	563.7	675.0
-37.5°	0.0	7.5	28.0	60.5	109.0	172.8	257.2	347.6	440.6	536.0	640.6
-40°	0.0	7.3	26.5	56.9	104.2	167.1	247.2	334.6	421.3	511.9	606.5
-42.5°	0.0	7.0	24.9	53.2	99.5	160.5	236.0	320.8	404.0	486.5	570.1
-45°	0.0	6.8	23.2	49.7	94.7	153.0	223.7	306.3	387.5	459.3	532.8
-47.5°	0.0	6.5	21.4	45.7	89.3	144.5	210.3	290.5	370.2	431.0	501.1
-50°	0.0	6.2	19.5	42.7	83.4	135.0	198.2	273.3	347.9	406.0	467.9
-52.5°	0.0	5.9	17.5	39.7	76.8	124.7	185.4	254.9	323.4	380.1	434.1
-55°	0.0	5.6	15.4	36.5	69.7	115.0	171.3	235.5	297.5	353.5	404.6
-57.5°	0.0	5.3	13.2	33.1	62.1	104.7	156.1	216.9	271.0	324.5	374.3
-60°	0.0	4.9	11.0	29.3	54.0	93.7	140.1	195.3	244.0	294.5	342.7
-62.5°	0.0	4.5	10.2	25.4	48.0	82.0	124.9	172.1	216.8	264.0	309.4
-65°	0.0	4.2	9.4	21.2	41.6	69.6	108.7	148.8	188.4	231.4	275.6
-67.5°	0.0	3.8	8.6	16.8	34.9	58.3	91.7	126.4	159.1	197.3	237.9
-70°	0.0	3.4	7.7	12.3	27.8	48.2	73.9	103.5	131.9	162.2	197.6
-72.5°	0.0	3.0	6.8	10.3	20.4	37.6	59.1	79.9	104.1	129.8	157.1
-75°	0.0	2.6	5.8	8.8	12.8	26.7	44.3	60.3	75.7	96.8	119.3
-77.5°	0.0	2.2	4.9	7.4	9.8	15.4	29.0	42.0	54.4	66.2	80.8
-80°	0.0	1.7	3.9	5.9	7.9	9.8	13.3	23.7	33.7	43.3	52.5
-82.5°	0.0	1.3	3.0	4.5	5.9	7.4	8.8	10.3	12.8	20.2	27.3
-85°	0.0	0.9	2.0	3.0	4.0	4.9	5.9	6.8	7.8	8.7	9.6
-87.5°	0.0	0.4	1.0	1.5	2.0	2.5	2.9	3.4	3.9	4.4	4.8
-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°	5.6	6.4	7.3	8.2	8.3	8.3	8.2	8.1	8.4	8.7	9.0
85°	11.2	12.8	17.8	22.6	24.9	26.3	27.0	26.9	31.2	36.3	41.8
82.5°	34.7	41.9	48.7	55.2	56.9	56.9	56.4	56.5	66.8	78.6	90.7
80°	61.9	71.0	83.0	93.7	98.3	100.7	101.8	101.6	114.6	131.9	150.1
77.5°	98.1	113.4	126.7	138.0	144.1	149.5	153.9	157.2	173.9	195.8	217.5
75°	139.5	156.2	172.9	187.4	197.5	205.1	212.1	223.4	245.3	270.8	293.0
72.5°	183.1	204.5	223.0	238.8	253.0	268.2	285.1	303.7	326.8	352.3	375.5
70°	229.6	253.1	272.6	291.6	311.0	333.7	359.1	384.1	409.9	438.0	465.1
67.5°	275.2	297.9	320.8	344.7	373.8	404.2	434.2	468.7	504.0	535.2	563.2
65°	314.7	341.4	370.0	402.5	438.5	477.0	517.1	558.5	603.2	640.7	674.9
62.5°	352.6	384.6	419.4	459.9	505.7	551.4	602.5	654.3	704.7	748.9	789.7
60°	387.4	426.1	470.2	519.9	573.3	634.0	692.3	751.2	806.4	856.5	908.1
57.5°	421.2	470.0	522.9	582.5	650.1	718.3	786.8	850.2	912.7	973.7	1032.1
55°	457.1	515.9	578.8	652.0	728.2	808.8	882.6	953.2	1022.1	1096.2	1166.6
52.5°	496.5	562.2	640.9	722.8	810.9	897.4	978.4	1059.0	1142.3	1226.1	1317.6
50°	534.6	616.5	702.8	798.0	893.1	985.8	1078.7	1171.5	1271.3	1374.0	1477.8
47.5°	579.1	668.5	770.4	872.5	976.4	1079.6	1183.1	1295.2	1408.6	1527.8	1642.6
45°	624.1	724.6	834.3	949.9	1062.2	1176.5	1297.5	1421.4	1554.4	1685.5	1823.6
42.5°	666.8	780.4	901.4	1026.1	1151.1	1278.7	1411.9	1556.7	1701.9	1853.1	2004.8
40°	714.1	833.4	966.8	1104.2	1239.9	1381.4	1533.5	1690.3	1854.7	2020.8	2185.7
37.5°	759.5	890.7	1030.9	1178.8	1331.0	1486.5	1651.8	1829.7	2008.0	2186.8	2368.6
35°	802.1	945.0	1096.9	1253.9	1415.4	1592.2	1776.9	1966.9	2160.0	2353.4	2548.9
32.5°	845.9	996.2	1160.0	1328.0	1505.9	1695.5	1897.8	2103.7	2309.4	2515.9	2729.9
30°	889.7	1050.0	1221.0	1398.1	1592.6	1799.3	2016.7	2234.7	2452.3	2679.6	2907.7
27.5°	931.2	1100.9	1281.0	1470.4	1675.7	1895.3	2126.2	2359.8	2594.4	2836.0	3079.3
25°	969.4	1149.2	1336.7	1540.1	1757.7	1987.8	2228.3	2472.0	2729.3	2987.9	3242.0
22.5°	1006.6	1193.5	1388.3	1604.3	1831.9	2073.6	2324.0	2581.4	2850.3	3128.0	3390.9
20°	1042.4	1235.8	1438.5	1662.4	1898.5	2150.9	2411.1	2680.6	2962.7	3247.8	3530.6
17.5°	1074.2	1273.3	1485.2	1716.8	1962.0	2221.5	2489.5	2767.8	3062.5	3358.1	3657.7
15°	1101.9	1305.9	1525.7	1764.3	2018.1	2285.7	2562.2	2848.5	3150.8	3458.6	3770.0
12.5°	1125.3	1333.6	1559.8	1804.6	2065.7	2340.7	2624.8	2921.1	3231.5	3547.9	3868.4
10°	1144.4	1356.2	1587.4	1837.6	2104.5	2386.3	2676.3	2981.0	3300.7	3623.9	3951.2
7.5°	1160.6	1375.0	1609.2	1863.0	2134.5	2421.9	2716.4	3027.7	3355.8	3683.2	4017.7
5°	1172.3	1390.2	1629.3	1884.3	2160.6	2449.7	2746.8	3060.9	3396.1	3725.5	4065.9
2.5°	1179.4	1400.1	1643.0	1898.2	2181.1	2470.6	2773.8	3090.4	3425.6	3759.0	4102.2
0°	1181.8	1404.5	1650.0	1904.1	2192.4	2480.7	2789.0	3105.9	3439.9	3779.6	4125.0
-2.5°	1179.4	1400.1	1643.0	1898.2	2181.1	2470.6	2773.8	3090.4	3425.6	3759.0	4102.2
-5°	1172.3	1390.2	1629.3	1884.3	2160.6	2449.7	2746.8	3060.9	3396.1	3725.5	4065.9
-7.5°	1160.6	1375.0	1609.2	1863.0	2134.5	2421.9	2716.4	3027.7	3355.8	3683.2	4017.7
-10°	1144.4	1356.2	1587.4	1837.6	2104.5	2386.3	2676.3	2981.0	3300.7	3623.9	3951.2
-12.5°	1125.3	1333.6	1559.8	1804.6	2065.7	2340.7	2624.8	2921.1	3231.5	3547.9	3868.4
-15°	1101.9	1305.9	1525.7	1764.3	2018.1	2285.7	2562.2	2848.5	3150.8	3458.6	3770.0
-17.5°	1074.2	1273.3	1485.2	1716.8	1962.0	2221.5	2489.5	2767.8	3062.5	3358.1	3657.7
-20°	1042.4	1235.8	1438.5	1662.4	1898.5	2150.9	2411.1	2680.6	2962.7	3247.8	3530.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627101 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-735-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1006.6	1193.5	1388.3	1604.3	1831.9	2073.6	2324.0	2581.4	2850.3	3128.0	3390.9
-25°	969.4	1149.2	1336.7	1540.1	1757.7	1987.8	2228.3	2472.0	2729.3	2987.9	3242.0
-27.5°	931.2	1100.9	1281.0	1470.4	1675.7	1895.3	2126.2	2359.8	2594.4	2836.0	3079.3
-30°	889.7	1050.0	1221.0	1398.1	1592.6	1799.3	2016.7	2234.7	2452.3	2679.6	2907.7
-32.5°	845.9	996.2	1160.0	1328.0	1505.9	1695.5	1897.8	2103.7	2309.4	2515.9	2729.9
-35°	802.1	945.0	1096.9	1253.9	1415.4	1592.2	1776.9	1966.9	2160.0	2353.4	2548.9
-37.5°	759.5	890.7	1030.9	1178.8	1331.0	1486.5	1651.8	1829.7	2008.0	2186.8	2368.6
-40°	714.1	833.4	966.8	1104.2	1239.9	1381.4	1533.5	1690.3	1854.7	2020.8	2185.7
-42.5°	666.8	780.4	901.4	1026.1	1151.1	1278.7	1411.9	1556.7	1701.9	1853.1	2004.8
-45°	624.1	724.6	834.3	949.9	1062.2	1176.5	1297.5	1421.4	1554.4	1685.5	1823.6
-47.5°	579.1	668.5	770.4	872.5	976.4	1079.6	1183.1	1295.2	1408.6	1527.8	1642.6
-50°	534.6	616.5	702.8	798.0	893.1	985.8	1078.7	1171.5	1271.3	1374.0	1477.8
-52.5°	496.5	562.2	640.9	722.8	810.9	897.4	978.4	1059.0	1142.3	1226.1	1317.6
-55°	457.1	515.9	578.8	652.0	728.2	808.8	882.6	953.2	1022.1	1096.2	1166.6
-57.5°	421.2	470.0	522.9	582.5	650.1	718.3	786.8	850.2	912.7	973.7	1032.1
-60°	387.4	426.1	470.2	519.9	573.3	634.0	692.3	751.2	806.4	856.5	908.1
-62.5°	352.6	384.6	419.4	459.9	505.7	551.4	602.5	654.3	704.7	748.9	789.7
-65°	314.7	341.4	370.0	402.5	438.5	477.0	517.1	558.5	603.2	640.7	674.9
-67.5°	275.2	297.9	320.8	344.7	373.8	404.2	434.2	468.7	504.0	535.2	563.2
-70°	229.6	253.1	272.6	291.6	311.0	333.7	359.1	384.1	409.9	438.0	465.1
-72.5°	183.1	204.5	223.0	238.8	253.0	268.2	285.1	303.7	326.8	352.3	375.5
-75°	139.5	156.2	172.9	187.4	197.5	205.1	212.1	223.4	245.3	270.8	293.0
-77.5°	98.1	113.4	126.7	138.0	144.1	149.5	153.9	157.2	173.9	195.8	217.5
-80°	61.9	71.0	83.0	93.7	98.3	100.7	101.8	101.6	114.6	131.9	150.1
-82.5°	34.7	41.9	48.7	55.2	56.9	56.9	56.4	56.5	66.8	78.6	90.7
-85°	11.2	12.8	17.8	22.6	24.9	26.3	27.0	26.9	31.2	36.3	41.8
-87.5°	5.6	6.4	7.3	8.2	8.3	8.3	8.2	8.1	8.4	8.7	9.0
-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: P627101 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-735-U-VWR-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°	9.3	9.6	9.9	10.1	10.3	10.5	10.7	10.9	11.0	10.4	9.9
85°	47.7	51.1	54.2	57.2	60.1	62.8	65.4	67.7	69.9	63.8	57.1
82.5°	103.0	111.2	119.1	126.9	134.7	136.7	137.2	136.9	135.8	125.2	113.4
80°	168.1	182.1	195.3	208.4	221.3	222.7	221.3	218.6	214.8	200.8	185.0
77.5°	239.2	256.8	272.2	286.3	299.2	301.6	301.3	300.6	299.6	285.3	268.1
75°	312.1	329.3	345.9	360.0	371.8	377.2	379.9	381.8	382.8	372.6	359.2
72.5°	396.5	414.4	429.1	442.8	454.4	462.8	468.9	473.5	476.6	473.5	468.0
70°	488.2	507.4	523.6	539.1	554.8	567.5	577.0	583.9	588.3	591.2	593.2
67.5°	591.4	617.2	639.7	659.0	678.0	695.9	710.5	722.5	731.8	739.6	745.7
65°	707.7	740.7	769.9	796.8	821.4	847.4	868.6	886.4	900.8	912.6	922.1
62.5°	829.9	870.4	907.9	944.4	980.1	1015.3	1042.3	1066.9	1088.7	1107.6	1122.5
60°	957.0	1002.9	1053.3	1101.5	1145.8	1186.2	1226.4	1261.2	1291.0	1315.7	1335.6
57.5°	1093.6	1153.1	1212.0	1271.7	1328.2	1381.1	1430.5	1474.2	1511.0	1541.3	1566.7
55°	1241.1	1315.5	1383.8	1459.2	1532.1	1598.4	1656.8	1708.1	1752.5	1789.7	1821.2
52.5°	1403.3	1493.7	1582.5	1668.3	1751.0	1827.9	1897.9	1957.6	2010.8	2056.3	2092.7
50°	1580.8	1684.3	1787.2	1882.6	1977.6	2066.2	2146.4	2215.7	2277.6	2331.1	2373.3
47.5°	1766.4	1884.2	1999.1	2108.3	2213.5	2312.0	2398.8	2477.8	2555.0	2617.8	2667.6
45°	1959.1	2091.3	2218.0	2342.9	2458.7	2569.1	2676.2	2774.6	2853.8	2923.1	2981.3
42.5°	2154.2	2301.6	2443.5	2579.8	2707.1	2834.8	2955.3	3062.9	3153.1	3231.9	3298.1
40°	2351.8	2513.2	2669.6	2818.1	2963.7	3102.9	3233.2	3346.7	3448.5	3542.1	3620.0
37.5°	2548.4	2726.0	2899.3	3065.7	3225.9	3376.8	3517.5	3645.7	3760.6	3867.2	3953.8
35°	2745.9	2940.7	3130.5	3313.5	3488.6	3655.1	3809.2	3955.1	4090.5	4198.4	4287.0
32.5°	2942.7	3152.1	3358.5	3560.1	3751.8	3931.2	4098.1	4259.4	4398.7	4517.3	4619.1
30°	3133.1	3359.9	3584.7	3803.3	4010.3	4204.8	4389.6	4560.1	4709.9	4839.6	4953.8
27.5°	3319.9	3563.6	3804.8	4038.3	4262.1	4473.5	4675.2	4860.0	5023.5	5164.5	5284.9
25°	3496.4	3758.4	4015.5	4263.1	4502.2	4735.3	4953.1	5154.8	5329.4	5484.2	5607.9
22.5°	3665.1	3944.5	4214.7	4475.1	4730.8	4982.1	5220.5	5431.2	5616.2	5778.0	5915.0
20°	3822.3	4121.6	4398.0	4673.5	4942.8	5211.1	5467.1	5689.4	5885.1	6057.5	6208.4
17.5°	3969.2	4276.3	4567.3	4860.5	5144.4	5425.9	5686.0	5924.3	6135.4	6318.4	6476.5
15°	4093.6	4403.6	4721.5	5034.6	5334.0	5619.0	5878.8	6127.7	6362.1	6560.0	6720.4
12.5°	4194.2	4516.7	4848.3	5180.7	5497.3	5781.9	6054.0	6306.4	6552.7	6775.1	6922.4
10°	4280.1	4612.1	4954.4	5293.4	5614.3	5915.4	6211.2	6478.1	6720.1	6919.2	7083.7
7.5°	4354.3	4696.3	5044.0	5383.5	5703.3	6014.5	6319.0	6602.4	6846.7	7034.3	7181.1
5°	4409.0	4759.2	5113.6	5456.2	5780.5	6092.6	6398.5	6678.4	6916.9	7107.7	7267.8
2.5°	4448.2	4801.6	5158.6	5501.7	5833.1	6146.1	6459.6	6742.6	6973.6	7148.4	7301.7
0°	4473.2	4827.2	5186.9	5538.0	5863.5	6166.0	6502.9	6768.4	7008.2	7182.3	7342.2
-2.5°	4448.2	4801.6	5158.6	5501.7	5833.1	6146.1	6459.6	6742.6	6973.6	7148.4	7301.7
-5°	4409.0	4759.2	5113.6	5456.2	5780.5	6092.6	6398.5	6678.4	6916.9	7107.7	7267.8
-7.5°	4354.3	4696.3	5044.0	5383.5	5703.3	6014.5	6319.0	6602.4	6846.7	7034.3	7181.1
-10°	4280.1	4612.1	4954.4	5293.4	5614.3	5915.4	6211.2	6478.1	6720.1	6919.2	7083.7
-12.5°	4194.2	4516.7	4848.3	5180.7	5497.3	5781.9	6054.0	6306.4	6552.7	6775.1	6922.4
-15°	4093.6	4403.6	4721.5	5034.6	5334.0	5619.0	5878.8	6127.7	6362.1	6560.0	6720.4
-17.5°	3969.2	4276.3	4567.3	4860.5	5144.4	5425.9	5686.0	5924.3	6135.4	6318.4	6476.5
-20°	3822.3	4121.6	4398.0	4673.5	4942.8	5211.1	5467.1	5689.4	5885.1	6057.5	6208.4

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Scaled Data Report



REPORT NUMBER: P627101 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-735-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3665.1	3944.5	4214.7	4475.1	4730.8	4982.1	5220.5	5431.2	5616.2	5778.0	5915.0
-25°	3496.4	3758.4	4015.5	4263.1	4502.2	4735.3	4953.1	5154.8	5329.4	5484.2	5607.9
-27.5°	3319.9	3563.6	3804.8	4038.3	4262.1	4473.5	4675.2	4860.0	5023.5	5164.5	5284.9
-30°	3133.1	3359.9	3584.7	3803.3	4010.3	4204.8	4389.6	4560.1	4709.9	4839.6	4953.8
-32.5°	2942.7	3152.1	3358.5	3560.1	3751.8	3931.2	4098.1	4259.4	4398.7	4517.3	4619.1
-35°	2745.9	2940.7	3130.5	3313.5	3488.6	3655.1	3809.2	3955.1	4090.5	4198.4	4287.0
-37.5°	2548.4	2726.0	2899.3	3065.7	3225.9	3376.8	3517.5	3645.7	3760.6	3867.2	3953.8
-40°	2351.8	2513.2	2669.6	2818.1	2963.7	3102.9	3233.2	3346.7	3448.5	3542.1	3620.0
-42.5°	2154.2	2301.6	2443.5	2579.8	2707.1	2834.8	2955.3	3062.9	3153.1	3231.9	3298.1
-45°	1959.1	2091.3	2218.0	2342.9	2458.7	2569.1	2676.2	2774.6	2853.8	2923.1	2981.3
-47.5°	1766.4	1884.2	1999.1	2108.3	2213.5	2312.0	2398.8	2477.8	2555.0	2617.8	2667.6
-50°	1580.8	1684.3	1787.2	1882.6	1977.6	2066.2	2146.4	2215.7	2277.6	2331.1	2373.3
-52.5°	1403.3	1493.7	1582.5	1668.3	1751.0	1827.9	1897.9	1957.6	2010.8	2056.3	2092.7
-55°	1241.1	1315.5	1383.8	1459.2	1532.1	1598.4	1656.8	1708.1	1752.5	1789.7	1821.2
-57.5°	1093.6	1153.1	1212.0	1271.7	1328.2	1381.1	1430.5	1474.2	1511.0	1541.3	1566.7
-60°	957.0	1002.9	1053.3	1101.5	1145.8	1186.2	1226.4	1261.2	1291.0	1315.7	1335.6
-62.5°	829.9	870.4	907.9	944.4	980.1	1015.3	1042.3	1066.9	1088.7	1107.6	1122.5
-65°	707.7	740.7	769.9	796.8	821.4	847.4	868.6	886.4	900.8	912.6	922.1
-67.5°	591.4	617.2	639.7	659.0	678.0	695.9	710.5	722.5	731.8	739.6	745.7
-70°	488.2	507.4	523.6	539.1	554.8	567.5	577.0	583.9	588.3	591.2	593.2
-72.5°	396.5	414.4	429.1	442.8	454.4	462.8	468.9	473.5	476.6	473.5	468.0
-75°	312.1	329.3	345.9	360.0	371.8	377.2	379.9	381.8	382.8	372.6	359.2
-77.5°	239.2	256.8	272.2	286.3	299.2	301.6	301.3	300.6	299.6	285.3	268.1
-80°	168.1	182.1	195.3	208.4	221.3	222.7	221.3	218.6	214.8	200.8	185.0
-82.5°	103.0	111.2	119.1	126.9	134.7	136.7	137.2	136.9	135.8	125.2	113.4
-85°	47.7	51.1	54.2	57.2	60.1	62.8	65.4	67.7	69.9	63.8	57.1
-87.5°	9.3	9.6	9.9	10.1	10.3	10.5	10.7	10.9	11.0	10.4	9.9
-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: P627101 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-735-U-VWR-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°	9.2	8.6	8.6	8.6	8.6	8.6	9.2	9.9	10.4	11.0	10.9
85°	50.0	42.6	39.9	37.1	39.9	42.6	50.0	57.1	63.8	69.9	67.7
82.5°	101.1	88.2	84.1	79.9	84.1	88.2	101.1	113.4	125.2	135.8	136.9
80°	168.3	150.9	144.0	137.0	144.0	150.9	168.3	185.0	200.8	214.8	218.6
77.5°	249.8	230.7	222.5	214.1	222.5	230.7	249.8	268.1	285.3	299.6	300.6
75°	345.0	330.0	320.9	311.2	320.9	330.0	345.0	359.2	372.6	382.8	381.8
72.5°	461.7	454.3	447.7	439.6	447.7	454.3	461.7	468.0	473.5	476.6	473.5
70°	593.9	592.9	594.1	593.8	594.1	592.9	593.9	593.2	591.2	588.3	583.9
67.5°	748.8	749.0	752.2	753.6	752.2	749.0	748.8	745.7	739.6	731.8	722.5
65°	928.0	930.2	929.4	924.9	929.4	930.2	928.0	922.1	912.6	900.8	886.4
62.5°	1133.1	1139.3	1142.7	1141.9	1142.7	1139.3	1133.1	1122.5	1107.6	1088.7	1066.9
60°	1350.5	1360.1	1365.0	1364.5	1365.0	1360.1	1350.5	1335.6	1315.7	1291.0	1261.2
57.5°	1585.6	1598.0	1600.9	1595.7	1600.9	1598.0	1585.6	1566.7	1541.3	1511.0	1474.2
55°	1845.0	1860.9	1867.0	1864.1	1867.0	1860.9	1845.0	1821.2	1789.7	1752.5	1708.1
52.5°	2119.3	2136.4	2142.5	2138.1	2142.5	2136.4	2119.3	2092.7	2056.3	2010.8	1957.6
50°	2404.2	2424.9	2433.3	2429.3	2433.3	2424.9	2404.2	2373.3	2331.1	2277.6	2215.7
47.5°	2706.6	2734.2	2744.9	2737.6	2744.9	2734.2	2706.6	2667.6	2617.8	2555.0	2477.8
45°	3024.7	3053.4	3064.5	3057.3	3064.5	3053.4	3024.7	2981.3	2923.1	2853.8	2774.6
42.5°	3348.6	3385.8	3401.5	3388.5	3401.5	3385.8	3348.6	3298.1	3231.9	3153.1	3062.9
40°	3678.2	3718.6	3737.2	3728.2	3737.2	3718.6	3678.2	3620.0	3542.1	3448.5	3346.7
37.5°	4016.3	4056.5	4076.2	4076.4	4076.2	4056.5	4016.3	3953.8	3867.2	3760.6	3645.7
35°	4355.6	4404.2	4431.8	4430.4	4431.8	4404.2	4355.6	4287.0	4198.4	4090.5	3955.1
32.5°	4699.6	4752.3	4780.5	4784.4	4780.5	4752.3	4699.6	4619.1	4517.3	4398.7	4259.4
30°	5043.1	5101.0	5133.5	5146.9	5133.5	5101.0	5043.1	4953.8	4839.6	4709.9	4560.1
27.5°	5376.2	5447.4	5496.6	5500.9	5496.6	5447.4	5376.2	5284.9	5164.5	5023.5	4860.0
25°	5698.7	5771.3	5821.8	5832.1	5821.8	5771.3	5698.7	5607.9	5484.2	5329.4	5154.8
22.5°	6016.7	6092.6	6139.1	6157.5	6139.1	6092.6	6016.7	5915.0	5778.0	5616.2	5431.2
20°	6320.2	6402.5	6451.8	6471.5	6451.8	6402.5	6320.2	6208.4	6057.5	5885.1	5689.4
17.5°	6594.8	6681.7	6742.7	6759.8	6742.7	6681.7	6594.8	6476.5	6318.4	6135.4	5924.3
15°	6836.5	6918.9	6976.7	6999.6	6976.7	6918.9	6836.5	6720.4	6560.0	6362.1	6127.7
12.5°	7033.2	7106.8	7152.2	7173.7	7152.2	7106.8	7033.2	6922.4	6775.1	6552.7	6306.4
10°	7186.8	7260.7	7304.1	7333.6	7304.1	7260.7	7186.8	7083.7	6919.2	6720.1	6478.1
7.5°	7320.2	7395.9	7448.9	7490.6	7448.9	7395.9	7320.2	7181.1	7034.3	6846.7	6602.4
5°	7393.8	7520.3	7539.4	7567.7	7539.4	7520.3	7393.8	7267.8	7107.7	6916.9	6678.4
2.5°	7450.0	7539.7	7593.6	7587.7	7593.6	7539.7	7450.0	7301.7	7148.4	6973.6	6742.6
0°	7490.6	7570.5	7590.5	7616.2	7590.5	7570.5	7490.6	7342.2	7182.3	7008.2	6768.4
-2.5°	7450.0	7539.7	7593.6	7587.7	7593.6	7539.7	7450.0	7301.7	7148.4	6973.6	6742.6
-5°	7393.8	7520.3	7539.4	7567.7	7539.4	7520.3	7393.8	7267.8	7107.7	6916.9	6678.4
-7.5°	7320.2	7395.9	7448.9	7490.6	7448.9	7395.9	7320.2	7181.1	7034.3	6846.7	6602.4
-10°	7186.8	7260.7	7304.1	7333.6	7304.1	7260.7	7186.8	7083.7	6919.2	6720.1	6478.1
-12.5°	7033.2	7106.8	7152.2	7173.7	7152.2	7106.8	7033.2	6922.4	6775.1	6552.7	6306.4
-15°	6836.5	6918.9	6976.7	6999.6	6976.7	6918.9	6836.5	6720.4	6560.0	6362.1	6127.7
-17.5°	6594.8	6681.7	6742.7	6759.8	6742.7	6681.7	6594.8	6476.5	6318.4	6135.4	5924.3
-20°	6320.2	6402.5	6451.8	6471.5	6451.8	6402.5	6320.2	6208.4	6057.5	5885.1	5689.4



REPORT NUMBER: P627101 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-735-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	6016.7	6092.6	6139.1	6157.5	6139.1	6092.6	6016.7	5915.0	5778.0	5616.2	5431.2
-25°	5698.7	5771.3	5821.8	5832.1	5821.8	5771.3	5698.7	5607.9	5484.2	5329.4	5154.8
-27.5°	5376.2	5447.4	5496.6	5500.9	5496.6	5447.4	5376.2	5284.9	5164.5	5023.5	4860.0
-30°	5043.1	5101.0	5133.5	5146.9	5133.5	5101.0	5043.1	4953.8	4839.6	4709.9	4560.1
-32.5°	4699.6	4752.3	4780.5	4784.4	4780.5	4752.3	4699.6	4619.1	4517.3	4398.7	4259.4
-35°	4355.6	4404.2	4431.8	4430.4	4431.8	4404.2	4355.6	4287.0	4198.4	4090.5	3955.1
-37.5°	4016.3	4056.5	4076.2	4076.4	4076.2	4056.5	4016.3	3953.8	3867.2	3760.6	3645.7
-40°	3678.2	3718.6	3737.2	3728.2	3737.2	3718.6	3678.2	3620.0	3542.1	3448.5	3346.7
-42.5°	3348.6	3385.8	3401.5	3388.5	3401.5	3385.8	3348.6	3298.1	3231.9	3153.1	3062.9
-45°	3024.7	3053.4	3064.5	3057.3	3064.5	3053.4	3024.7	2981.3	2923.1	2853.8	2774.6
-47.5°	2706.6	2734.2	2744.9	2737.6	2744.9	2734.2	2706.6	2667.6	2617.8	2555.0	2477.8
-50°	2404.2	2424.9	2433.3	2429.3	2433.3	2424.9	2404.2	2373.3	2331.1	2277.6	2215.7
-52.5°	2119.3	2136.4	2142.5	2138.1	2142.5	2136.4	2119.3	2092.7	2056.3	2010.8	1957.6
-55°	1845.0	1860.9	1867.0	1864.1	1867.0	1860.9	1845.0	1821.2	1789.7	1752.5	1708.1
-57.5°	1585.6	1598.0	1600.9	1595.7	1600.9	1598.0	1585.6	1566.7	1541.3	1511.0	1474.2
-60°	1350.5	1360.1	1365.0	1364.5	1365.0	1360.1	1350.5	1335.6	1315.7	1291.0	1261.2
-62.5°	1133.1	1139.3	1142.7	1141.9	1142.7	1139.3	1133.1	1122.5	1107.6	1088.7	1066.9
-65°	928.0	930.2	929.4	924.9	929.4	930.2	928.0	922.1	912.6	900.8	886.4
-67.5°	748.8	749.0	752.2	753.6	752.2	749.0	748.8	745.7	739.6	731.8	722.5
-70°	593.9	592.9	594.1	593.8	594.1	592.9	593.9	593.2	591.2	588.3	583.9
-72.5°	461.7	454.3	447.7	439.6	447.7	454.3	461.7	468.0	473.5	476.6	473.5
-75°	345.0	330.0	320.9	311.2	320.9	330.0	345.0	359.2	372.6	382.8	381.8
-77.5°	249.8	230.7	222.5	214.1	222.5	230.7	249.8	268.1	285.3	299.6	300.6
-80°	168.3	150.9	144.0	137.0	144.0	150.9	168.3	185.0	200.8	214.8	218.6
-82.5°	101.1	88.2	84.1	79.9	84.1	88.2	101.1	113.4	125.2	135.8	136.9
-85°	50.0	42.6	39.9	37.1	39.9	42.6	50.0	57.1	63.8	69.9	67.7
-87.5°	9.2	8.6	8.6	8.6	8.6	8.6	9.2	9.9	10.4	11.0	10.9
-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: P627101 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-735-U-VWR-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°	10.7	10.5	10.3	10.1	9.9	9.6	9.3	9.0	8.7	8.4	8.1
85°	65.4	62.8	60.1	57.2	54.2	51.1	47.7	41.8	36.3	31.2	26.9
82.5°	137.2	136.7	134.7	126.9	119.1	111.2	103.0	90.7	78.6	66.8	56.5
80°	221.3	222.7	221.3	208.4	195.3	182.1	168.1	150.1	131.9	114.6	101.6
77.5°	301.3	301.6	299.2	286.3	272.2	256.8	239.2	217.5	195.8	173.9	157.2
75°	379.9	377.2	371.8	360.0	345.9	329.3	312.1	293.0	270.8	245.3	223.4
72.5°	468.9	462.8	454.4	442.8	429.1	414.4	396.5	375.5	352.3	326.8	303.7
70°	577.0	567.5	554.8	539.1	523.6	507.4	488.2	465.1	438.0	409.9	384.1
67.5°	710.5	695.9	678.0	659.0	639.7	617.2	591.4	563.2	535.2	504.0	468.7
65°	868.6	847.4	821.4	796.8	769.9	740.7	707.7	674.9	640.7	603.2	558.5
62.5°	1042.3	1015.3	980.1	944.4	907.9	870.4	829.9	789.7	748.9	704.7	654.3
60°	1226.4	1186.2	1145.8	1101.5	1053.3	1002.9	957.0	908.1	856.5	806.4	751.2
57.5°	1430.5	1381.1	1328.2	1271.7	1212.0	1153.1	1093.6	1032.1	973.7	912.7	850.2
55°	1656.8	1598.4	1532.1	1459.2	1383.8	1315.5	1241.1	1166.6	1096.2	1022.1	953.2
52.5°	1897.9	1827.9	1751.0	1668.3	1582.5	1493.7	1403.3	1317.6	1226.1	1142.3	1059.0
50°	2146.4	2066.2	1977.6	1882.6	1787.2	1684.3	1580.8	1477.8	1374.0	1271.3	1171.5
47.5°	2398.8	2312.0	2213.5	2108.3	1999.1	1884.2	1766.4	1642.6	1527.8	1408.6	1295.2
45°	2676.2	2569.1	2458.7	2342.9	2218.0	2091.3	1959.1	1823.6	1685.5	1554.4	1421.4
42.5°	2955.3	2834.8	2707.1	2579.8	2443.5	2301.6	2154.2	2004.8	1853.1	1701.9	1556.7
40°	3233.2	3102.9	2963.7	2818.1	2669.6	2513.2	2351.8	2185.7	2020.8	1854.7	1690.3
37.5°	3517.5	3376.8	3225.9	3065.7	2899.3	2726.0	2548.4	2368.6	2186.8	2008.0	1829.7
35°	3809.2	3655.1	3488.6	3313.5	3130.5	2940.7	2745.9	2548.9	2353.4	2160.0	1966.9
32.5°	4098.1	3931.2	3751.8	3560.1	3358.5	3152.1	2942.7	2729.9	2515.9	2309.4	2103.7
30°	4389.6	4204.8	4010.3	3803.3	3584.7	3359.9	3133.1	2907.7	2679.6	2452.3	2234.7
27.5°	4675.2	4473.5	4262.1	4038.3	3804.8	3563.6	3319.9	3079.3	2836.0	2594.4	2359.8
25°	4953.1	4735.3	4502.2	4263.1	4015.5	3758.4	3496.4	3242.0	2987.9	2729.3	2472.0
22.5°	5220.5	4982.1	4730.8	4475.1	4214.7	3944.5	3665.1	3390.9	3128.0	2850.3	2581.4
20°	5467.1	5211.1	4942.8	4673.5	4398.0	4121.6	3822.3	3530.6	3247.8	2962.7	2680.6
17.5°	5686.0	5425.9	5144.4	4860.5	4567.3	4276.3	3969.2	3657.7	3358.1	3062.5	2767.8
15°	5878.8	5619.0	5334.0	5034.6	4721.5	4403.6	4093.6	3770.0	3458.6	3150.8	2848.5
12.5°	6054.0	5781.9	5497.3	5180.7	4848.3	4516.7	4194.2	3868.4	3547.9	3231.5	2921.1
10°	6211.2	5915.4	5614.3	5293.4	4954.4	4612.1	4280.1	3951.2	3623.9	3300.7	2981.0
7.5°	6319.0	6014.5	5703.3	5383.5	5044.0	4696.3	4354.3	4017.7	3683.2	3355.8	3027.7
5°	6398.5	6092.6	5780.5	5456.2	5113.6	4759.2	4409.0	4065.9	3725.5	3396.1	3060.9
2.5°	6459.6	6146.1	5833.1	5501.7	5158.6	4801.6	4448.2	4102.2	3759.0	3425.6	3090.4
0°	6502.9	6166.0	5863.5	5538.0	5186.9	4827.2	4473.2	4125.0	3779.6	3439.9	3105.9
-2.5°	6459.6	6146.1	5833.1	5501.7	5158.6	4801.6	4448.2	4102.2	3759.0	3425.6	3090.4
-5°	6398.5	6092.6	5780.5	5456.2	5113.6	4759.2	4409.0	4065.9	3725.5	3396.1	3060.9
-7.5°	6319.0	6014.5	5703.3	5383.5	5044.0	4696.3	4354.3	4017.7	3683.2	3355.8	3027.7
-10°	6211.2	5915.4	5614.3	5293.4	4954.4	4612.1	4280.1	3951.2	3623.9	3300.7	2981.0
-12.5°	6054.0	5781.9	5497.3	5180.7	4848.3	4516.7	4194.2	3868.4	3547.9	3231.5	2921.1
-15°	5878.8	5619.0	5334.0	5034.6	4721.5	4403.6	4093.6	3770.0	3458.6	3150.8	2848.5
-17.5°	5686.0	5425.9	5144.4	4860.5	4567.3	4276.3	3969.2	3657.7	3358.1	3062.5	2767.8
-20°	5467.1	5211.1	4942.8	4673.5	4398.0	4121.6	3822.3	3530.6	3247.8	2962.7	2680.6



REPORT NUMBER: P627101 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-735-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5220.5	4982.1	4730.8	4475.1	4214.7	3944.5	3665.1	3390.9	3128.0	2850.3	2581.4
-25°	4953.1	4735.3	4502.2	4263.1	4015.5	3758.4	3496.4	3242.0	2987.9	2729.3	2472.0
-27.5°	4675.2	4473.5	4262.1	4038.3	3804.8	3563.6	3319.9	3079.3	2836.0	2594.4	2359.8
-30°	4389.6	4204.8	4010.3	3803.3	3584.7	3359.9	3133.1	2907.7	2679.6	2452.3	2234.7
-32.5°	4098.1	3931.2	3751.8	3560.1	3358.5	3152.1	2942.7	2729.9	2515.9	2309.4	2103.7
-35°	3809.2	3655.1	3488.6	3313.5	3130.5	2940.7	2745.9	2548.9	2353.4	2160.0	1966.9
-37.5°	3517.5	3376.8	3225.9	3065.7	2899.3	2726.0	2548.4	2368.6	2186.8	2008.0	1829.7
-40°	3233.2	3102.9	2963.7	2818.1	2669.6	2513.2	2351.8	2185.7	2020.8	1854.7	1690.3
-42.5°	2955.3	2834.8	2707.1	2579.8	2443.5	2301.6	2154.2	2004.8	1853.1	1701.9	1556.7
-45°	2676.2	2569.1	2458.7	2342.9	2218.0	2091.3	1959.1	1823.6	1685.5	1554.4	1421.4
-47.5°	2398.8	2312.0	2213.5	2108.3	1999.1	1884.2	1766.4	1642.6	1527.8	1408.6	1295.2
-50°	2146.4	2066.2	1977.6	1882.6	1787.2	1684.3	1580.8	1477.8	1374.0	1271.3	1171.5
-52.5°	1897.9	1827.9	1751.0	1668.3	1582.5	1493.7	1403.3	1317.6	1226.1	1142.3	1059.0
-55°	1656.8	1598.4	1532.1	1459.2	1383.8	1315.5	1241.1	1166.6	1096.2	1022.1	953.2
-57.5°	1430.5	1381.1	1328.2	1271.7	1212.0	1153.1	1093.6	1032.1	973.7	912.7	850.2
-60°	1226.4	1186.2	1145.8	1101.5	1053.3	1002.9	957.0	908.1	856.5	806.4	751.2
-62.5°	1042.3	1015.3	980.1	944.4	907.9	870.4	829.9	789.7	748.9	704.7	654.3
-65°	868.6	847.4	821.4	796.8	769.9	740.7	707.7	674.9	640.7	603.2	558.5
-67.5°	710.5	695.9	678.0	659.0	639.7	617.2	591.4	563.2	535.2	504.0	468.7
-70°	577.0	567.5	554.8	539.1	523.6	507.4	488.2	465.1	438.0	409.9	384.1
-72.5°	468.9	462.8	454.4	442.8	429.1	414.4	396.5	375.5	352.3	326.8	303.7
-75°	379.9	377.2	371.8	360.0	345.9	329.3	312.1	293.0	270.8	245.3	223.4
-77.5°	301.3	301.6	299.2	286.3	272.2	256.8	239.2	217.5	195.8	173.9	157.2
-80°	221.3	222.7	221.3	208.4	195.3	182.1	168.1	150.1	131.9	114.6	101.6
-82.5°	137.2	136.7	134.7	126.9	119.1	111.2	103.0	90.7	78.6	66.8	56.5
-85°	65.4	62.8	60.1	57.2	54.2	51.1	47.7	41.8	36.3	31.2	26.9
-87.5°	10.7	10.5	10.3	10.1	9.9	9.6	9.3	9.0	8.7	8.4	8.1
-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: P627101 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-735-U-VWR-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°	8.2	8.3	8.3	8.2	7.3	6.4	5.6	4.8	4.4	3.9	3.4
85°	27.0	26.3	24.9	22.6	17.8	12.8	11.2	9.6	8.7	7.8	6.8
82.5°	56.4	56.9	56.9	55.2	48.7	41.9	34.7	27.3	20.2	12.8	10.3
80°	101.8	100.7	98.3	93.7	83.0	71.0	61.9	52.5	43.3	33.7	23.7
77.5°	153.9	149.5	144.1	138.0	126.7	113.4	98.1	80.8	66.2	54.4	42.0
75°	212.1	205.1	197.5	187.4	172.9	156.2	139.5	119.3	96.8	75.7	60.3
72.5°	285.1	268.2	253.0	238.8	223.0	204.5	183.1	157.1	129.8	104.1	79.9
70°	359.1	333.7	311.0	291.6	272.6	253.1	229.6	197.6	162.2	131.9	103.5
67.5°	434.2	404.2	373.8	344.7	320.8	297.9	275.2	237.9	197.3	159.1	126.4
65°	517.1	477.0	438.5	402.5	370.0	341.4	314.7	275.6	231.4	188.4	148.8
62.5°	602.5	551.4	505.7	459.9	419.4	384.6	352.6	309.4	264.0	216.8	172.1
60°	692.3	634.0	573.3	519.9	470.2	426.1	387.4	342.7	294.5	244.0	195.3
57.5°	786.8	718.3	650.1	582.5	522.9	470.0	421.2	374.3	324.5	271.0	216.9
55°	882.6	808.8	728.2	652.0	578.8	515.9	457.1	404.6	353.5	297.5	235.5
52.5°	978.4	897.4	810.9	722.8	640.9	562.2	496.5	434.1	380.1	323.4	254.9
50°	1078.7	985.8	893.1	798.0	702.8	616.5	534.6	467.9	406.0	347.9	273.3
47.5°	1183.1	1079.6	976.4	872.5	770.4	668.5	579.1	501.1	431.0	370.2	290.5
45°	1297.5	1176.5	1062.2	949.9	834.3	724.6	624.1	532.8	459.3	387.5	306.3
42.5°	1411.9	1278.7	1151.1	1026.1	901.4	780.4	666.8	570.1	486.5	404.0	320.8
40°	1533.5	1381.4	1239.9	1104.2	966.8	833.4	714.1	606.5	511.9	421.3	334.6
37.5°	1651.8	1486.5	1331.0	1178.8	1030.9	890.7	759.5	640.6	536.0	440.6	347.6
35°	1776.9	1592.2	1415.4	1253.9	1096.9	945.0	802.1	675.0	563.7	459.4	359.9
32.5°	1897.8	1695.5	1505.9	1328.0	1160.0	996.2	845.9	711.4	590.3	477.7	371.4
30°	2016.7	1799.3	1592.6	1398.1	1221.0	1050.0	889.7	745.5	615.8	495.4	382.9
27.5°	2126.2	1895.3	1675.7	1470.4	1281.0	1100.9	931.2	777.1	640.0	513.5	396.2
25°	2228.3	1987.8	1757.7	1540.1	1336.7	1149.2	969.4	806.3	664.6	532.4	408.6
22.5°	2324.0	2073.6	1831.9	1604.3	1388.3	1193.5	1006.6	837.4	687.9	549.9	420.0
20°	2411.1	2150.9	1898.5	1662.4	1438.5	1235.8	1042.4	865.3	708.8	565.7	430.2
17.5°	2489.5	2221.5	1962.0	1716.8	1485.2	1273.3	1074.2	889.9	727.1	579.8	439.2
15°	2562.2	2285.7	2018.1	1764.3	1525.7	1305.9	1101.9	911.1	742.7	592.0	447.8
12.5°	2624.8	2340.7	2065.7	1804.6	1559.8	1333.6	1125.3	928.8	755.7	603.1	455.8
10°	2676.3	2386.3	2104.5	1837.6	1587.4	1356.2	1144.4	943.8	767.9	612.7	462.1
7.5°	2716.4	2421.9	2134.5	1863.0	1609.2	1375.0	1160.6	956.7	777.8	620.0	466.4
5°	2746.8	2449.7	2160.6	1884.3	1629.3	1390.2	1172.3	966.0	784.9	625.1	468.9
2.5°	2773.8	2470.6	2181.1	1898.2	1643.0	1400.1	1179.4	971.5	789.2	627.8	469.5
0°	2789.0	2480.7	2192.4	1904.1	1650.0	1404.5	1181.8	973.4	790.7	628.0	468.2
-2.5°	2773.8	2470.6	2181.1	1898.2	1643.0	1400.1	1179.4	971.5	789.2	627.8	469.5
-5°	2746.8	2449.7	2160.6	1884.3	1629.3	1390.2	1172.3	966.0	784.9	625.1	468.9
-7.5°	2716.4	2421.9	2134.5	1863.0	1609.2	1375.0	1160.6	956.7	777.8	620.0	466.4
-10°	2676.3	2386.3	2104.5	1837.6	1587.4	1356.2	1144.4	943.8	767.9	612.7	462.1
-12.5°	2624.8	2340.7	2065.7	1804.6	1559.8	1333.6	1125.3	928.8	755.7	603.1	455.8
-15°	2562.2	2285.7	2018.1	1764.3	1525.7	1305.9	1101.9	911.1	742.7	592.0	447.8
-17.5°	2489.5	2221.5	1962.0	1716.8	1485.2	1273.3	1074.2	889.9	727.1	579.8	439.2
-20°	2411.1	2150.9	1898.5	1662.4	1438.5	1235.8	1042.4	865.3	708.8	565.7	430.2



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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°	2324.0	2073.6	1831.9	1604.3	1388.3	1193.5	1006.6	837.4	687.9	549.9	420.0
-25°	2228.3	1987.8	1757.7	1540.1	1336.7	1149.2	969.4	806.3	664.6	532.4	408.6
-27.5°	2126.2	1895.3	1675.7	1470.4	1281.0	1100.9	931.2	777.1	640.0	513.5	396.2
-30°	2016.7	1799.3	1592.6	1398.1	1221.0	1050.0	889.7	745.5	615.8	495.4	382.9
-32.5°	1897.8	1695.5	1505.9	1328.0	1160.0	996.2	845.9	711.4	590.3	477.7	371.4
-35°	1776.9	1592.2	1415.4	1253.9	1096.9	945.0	802.1	675.0	563.7	459.4	359.9
-37.5°	1651.8	1486.5	1331.0	1178.8	1030.9	890.7	759.5	640.6	536.0	440.6	347.6
-40°	1533.5	1381.4	1239.9	1104.2	966.8	833.4	714.1	606.5	511.9	421.3	334.6
-42.5°	1411.9	1278.7	1151.1	1026.1	901.4	780.4	666.8	570.1	486.5	404.0	320.8
-45°	1297.5	1176.5	1062.2	949.9	834.3	724.6	624.1	532.8	459.3	387.5	306.3
-47.5°	1183.1	1079.6	976.4	872.5	770.4	668.5	579.1	501.1	431.0	370.2	290.5
-50°	1078.7	985.8	893.1	798.0	702.8	616.5	534.6	467.9	406.0	347.9	273.3
-52.5°	978.4	897.4	810.9	722.8	640.9	562.2	496.5	434.1	380.1	323.4	254.9
-55°	882.6	808.8	728.2	652.0	578.8	515.9	457.1	404.6	353.5	297.5	235.5
-57.5°	786.8	718.3	650.1	582.5	522.9	470.0	421.2	374.3	324.5	271.0	216.9
-60°	692.3	634.0	573.3	519.9	470.2	426.1	387.4	342.7	294.5	244.0	195.3
-62.5°	602.5	551.4	505.7	459.9	419.4	384.6	352.6	309.4	264.0	216.8	172.1
-65°	517.1	477.0	438.5	402.5	370.0	341.4	314.7	275.6	231.4	188.4	148.8
-67.5°	434.2	404.2	373.8	344.7	320.8	297.9	275.2	237.9	197.3	159.1	126.4
-70°	359.1	333.7	311.0	291.6	272.6	253.1	229.6	197.6	162.2	131.9	103.5
-72.5°	285.1	268.2	253.0	238.8	223.0	204.5	183.1	157.1	129.8	104.1	79.9
-75°	212.1	205.1	197.5	187.4	172.9	156.2	139.5	119.3	96.8	75.7	60.3
-77.5°	153.9	149.5	144.1	138.0	126.7	113.4	98.1	80.8	66.2	54.4	42.0
-80°	101.8	100.7	98.3	93.7	83.0	71.0	61.9	52.5	43.3	33.7	23.7
-82.5°	56.4	56.9	56.9	55.2	48.7	41.9	34.7	27.3	20.2	12.8	10.3
-85°	27.0	26.3	24.9	22.6	17.8	12.8	11.2	9.6	8.7	7.8	6.8
-87.5°	8.2	8.3	8.3	8.2	7.3	6.4	5.6	4.8	4.4	3.9	3.4
-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):

	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°	2.9	2.5	2.0	1.5	1.0	0.4	0.0
85°	5.9	4.9	4.0	3.0	2.0	0.9	0.0
82.5°	8.8	7.4	5.9	4.5	3.0	1.3	0.0
80°	13.3	9.8	7.9	5.9	3.9	1.7	0.0
77.5°	29.0	15.4	9.8	7.4	4.9	2.2	0.0
75°	44.3	26.7	12.8	8.8	5.8	2.6	0.0
72.5°	59.1	37.6	20.4	10.3	6.8	3.0	0.0
70°	73.9	48.2	27.8	12.3	7.7	3.4	0.0
67.5°	91.7	58.3	34.9	16.8	8.6	3.8	0.0
65°	108.7	69.6	41.6	21.2	9.4	4.2	0.0
62.5°	124.9	82.0	48.0	25.4	10.2	4.5	0.0
60°	140.1	93.7	54.0	29.3	11.0	4.9	0.0
57.5°	156.1	104.7	62.1	33.1	13.2	5.3	0.0
55°	171.3	115.0	69.7	36.5	15.4	5.6	0.0
52.5°	185.4	124.7	76.8	39.7	17.5	5.9	0.0
50°	198.2	135.0	83.4	42.7	19.5	6.2	0.0
47.5°	210.3	144.5	89.3	45.7	21.4	6.5	0.0
45°	223.7	153.0	94.7	49.7	23.2	6.8	0.0
42.5°	236.0	160.5	99.5	53.2	24.9	7.0	0.0
40°	247.2	167.1	104.2	56.9	26.5	7.3	0.0
37.5°	257.2	172.8	109.0	60.5	28.0	7.5	0.0
35°	266.0	179.3	113.0	63.9	29.4	7.7	0.0
32.5°	274.1	185.8	116.4	67.0	30.7	7.9	0.0
30°	282.6	191.4	119.2	69.9	31.9	8.1	0.0
27.5°	290.2	196.0	123.3	72.5	33.0	8.2	0.0
25°	296.9	199.7	127.1	74.8	33.9	8.3	0.0
22.5°	302.7	203.4	130.5	76.8	34.8	8.4	0.0
20°	307.4	208.4	133.4	78.6	35.5	8.5	0.0
17.5°	313.4	212.5	135.8	80.1	36.1	8.6	0.0
15°	319.5	215.8	137.8	81.3	36.6	8.7	0.0
12.5°	324.5	218.1	139.3	82.2	37.0	8.7	0.0
10°	328.4	219.5	140.3	82.9	37.2	8.7	0.0
7.5°	331.0	220.1	140.9	83.3	37.4	8.7	0.0
5°	332.3	219.9	141.0	83.4	37.4	8.7	0.0
2.5°	332.4	218.8	140.7	83.2	37.3	8.7	0.0
0°	331.1	217.0	139.9	82.8	37.1	8.6	0.0
-2.5°	332.4	218.8	140.7	83.2	37.3	8.7	0.0
-5°	332.3	219.9	141.0	83.4	37.4	8.7	0.0
-7.5°	331.0	220.1	140.9	83.3	37.4	8.7	0.0
-10°	328.4	219.5	140.3	82.9	37.2	8.7	0.0
-12.5°	324.5	218.1	139.3	82.2	37.0	8.7	0.0
-15°	319.5	215.8	137.8	81.3	36.6	8.7	0.0
-17.5°	313.4	212.5	135.8	80.1	36.1	8.6	0.0
-20°	307.4	208.4	133.4	78.6	35.5	8.5	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	302.7	203.4	130.5	76.8	34.8	8.4	0.0
-25°	296.9	199.7	127.1	74.8	33.9	8.3	0.0
-27.5°	290.2	196.0	123.3	72.5	33.0	8.2	0.0
-30°	282.6	191.4	119.2	69.9	31.9	8.1	0.0
-32.5°	274.1	185.8	116.4	67.0	30.7	7.9	0.0
-35°	266.0	179.3	113.0	63.9	29.4	7.7	0.0
-37.5°	257.2	172.8	109.0	60.5	28.0	7.5	0.0
-40°	247.2	167.1	104.2	56.9	26.5	7.3	0.0
-42.5°	236.0	160.5	99.5	53.2	24.9	7.0	0.0
-45°	223.7	153.0	94.7	49.7	23.2	6.8	0.0
-47.5°	210.3	144.5	89.3	45.7	21.4	6.5	0.0
-50°	198.2	135.0	83.4	42.7	19.5	6.2	0.0
-52.5°	185.4	124.7	76.8	39.7	17.5	5.9	0.0
-55°	171.3	115.0	69.7	36.5	15.4	5.6	0.0
-57.5°	156.1	104.7	62.1	33.1	13.2	5.3	0.0
-60°	140.1	93.7	54.0	29.3	11.0	4.9	0.0
-62.5°	124.9	82.0	48.0	25.4	10.2	4.5	0.0
-65°	108.7	69.6	41.6	21.2	9.4	4.2	0.0
-67.5°	91.7	58.3	34.9	16.8	8.6	3.8	0.0
-70°	73.9	48.2	27.8	12.3	7.7	3.4	0.0
-72.5°	59.1	37.6	20.4	10.3	6.8	3.0	0.0
-75°	44.3	26.7	12.8	8.8	5.8	2.6	0.0
-77.5°	29.0	15.4	9.8	7.4	4.9	2.2	0.0
-80°	13.3	9.8	7.9	5.9	3.9	1.7	0.0
-82.5°	8.8	7.4	5.9	4.5	3.0	1.3	0.0
-85°	5.9	4.9	4.0	3.0	2.0	0.9	0.0
-87.5°	2.9	2.5	2.0	1.5	1.0	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)