

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: P626821 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-750-U-VWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626821 (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-SA1E-750-U-VWR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N36
Light Source: (16) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

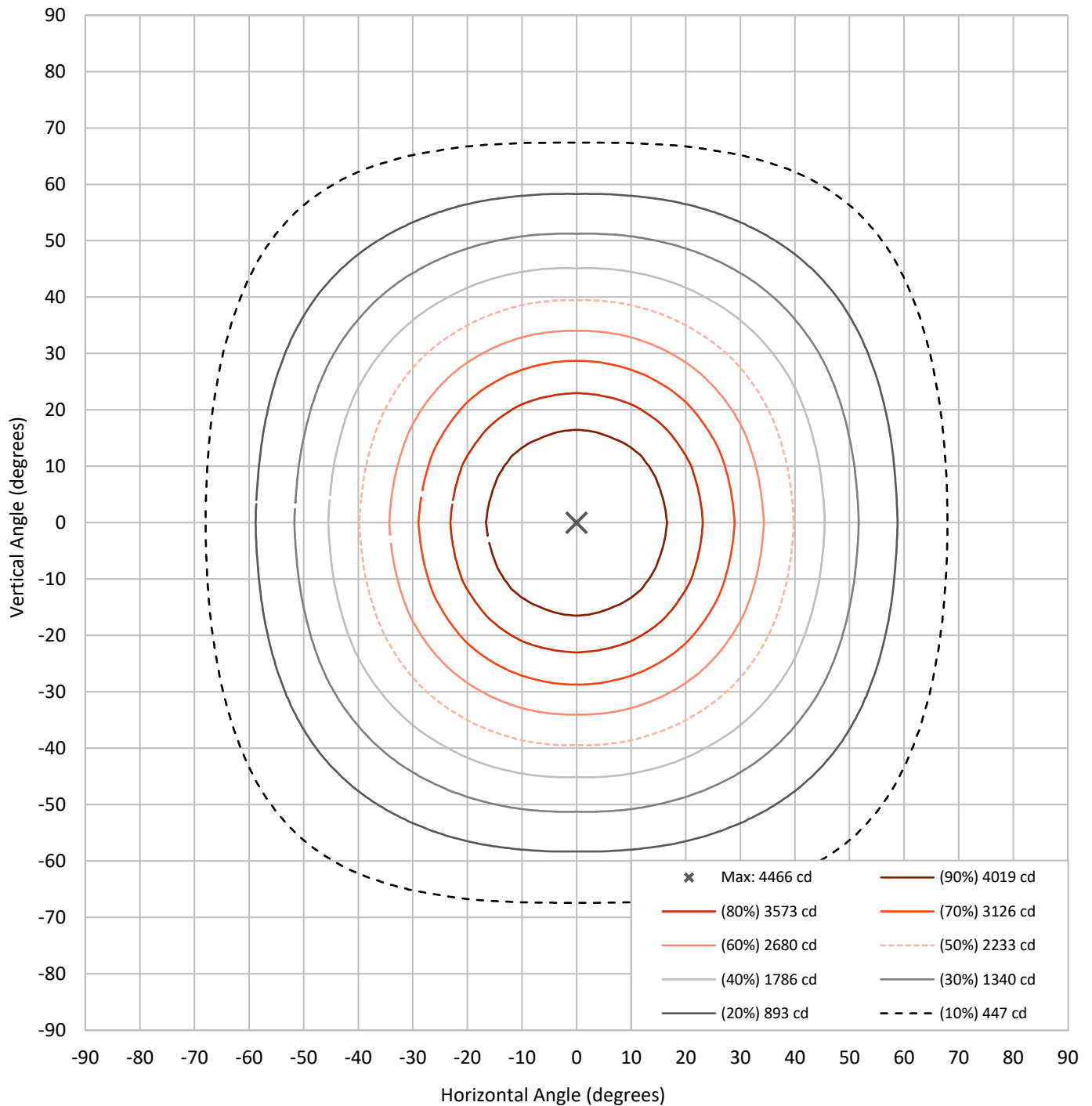
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	8071.9 lumens	Max Intensity:	4466 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	121.9 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' 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:	4734.2 lumens	Field Lumens:	7695.2 lumens
Beam Efficiency:	58.7%	Field Efficiency:	95.3%
Input Watts (W):	66.2		
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





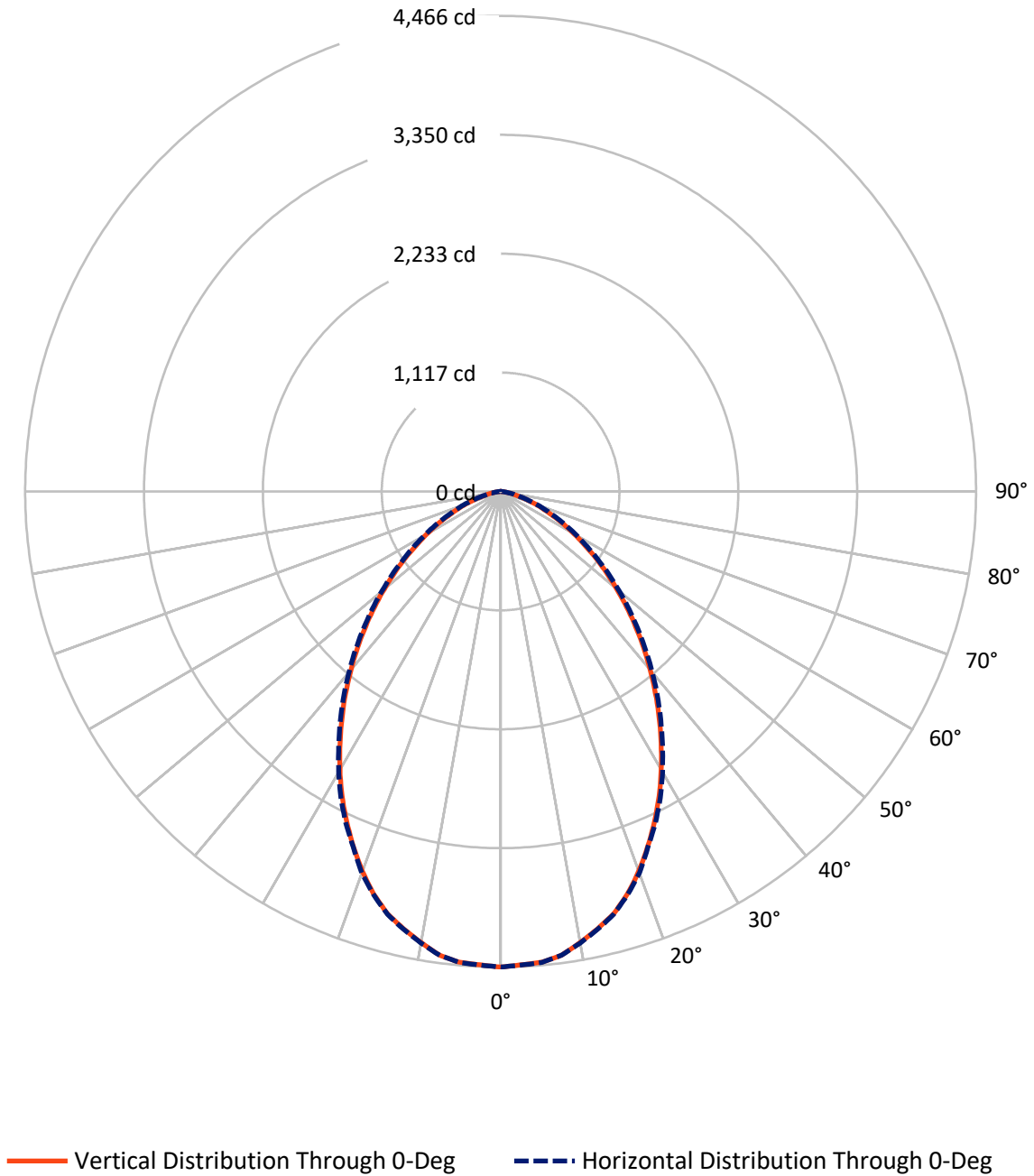
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Lumen Table

90																			
80	0.3		3.3		9.0		15.3		14.4		15.3		9.0		3.3		0.3		
70																			
60	1.5		2.1	4.2	7.1	10.4	13.5	15.7	16.8	16.8	15.7	13.5	10.4	7.1	4.2	2.1		1.5	
50																			
40	2.6		3.1	6.8	12.1	18.3	24.9	30.3	33.1	33.1	30.3	24.9	18.3	12.1	6.8	3.1		2.6	
30																			
20	3.4		4.2	9.8	18.1	28.7	39.8	49.1	54.2	54.2	49.1	39.8	28.7	18.1	9.8	4.2		3.4	
10																			
0	3.7		5.3	13.0	25.0	40.2	56.4	70.2	78.0	78.0	70.2	56.4	40.2	25.0	13.0	5.3		3.7	
-10																			
-20	3.4		6.3	16.0	31.4	51.2	72.6	91.4	102.1	102.1	91.4	72.6	51.2	31.4	16.0	6.3		3.4	
-30																			
-40	2.6		7.1	18.3	36.2	59.7	85.9	108.9	122.0	122.0	108.9	85.9	59.7	36.2	18.3	7.1		2.6	
-50																			
-60	1.5		7.6	19.6	38.9	64.5	93.2	118.3	132.1	132.1	118.3	93.2	64.5	38.9	19.6	7.6		1.5	
-70																			
-80	0.3		7.6	19.6	38.9	64.5	93.2	118.3	132.1	132.1	118.3	93.2	64.5	38.9	19.6	7.6		0.3	
-90																			

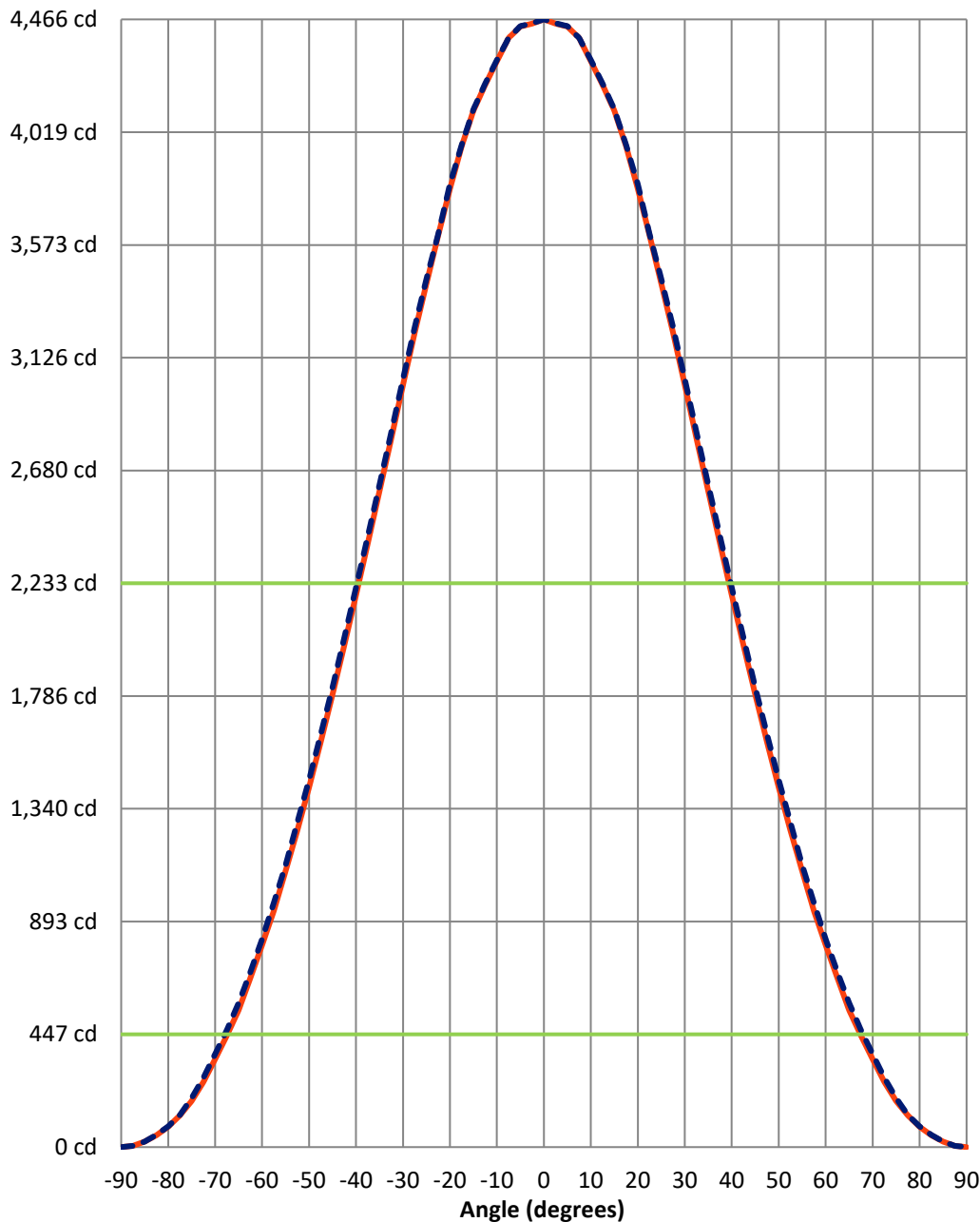
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 79.6°
 V Angle: 78.9°
 Lumens: 4734.2
 Efficiency: 58.7%

Field:
 H Angle: 135.9°
 V Angle: 134.8°
 Lumens: 7695.2
 Efficiency: 95.3%

Spill:
 Lumens: 376.7
 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	0.3	0.6	0.9	1.2	1.4	1.7	2.0	2.3	2.6	2.8
85°	0.0	0.5	1.2	1.7	2.3	2.9	3.5	4.0	4.6	5.1	5.7
82.5°	0.0	0.8	1.7	2.6	3.5	4.3	5.2	6.0	7.5	11.9	16.0
80°	0.0	1.0	2.3	3.5	4.6	5.8	7.8	13.9	19.7	25.3	30.7
77.5°	0.0	1.3	2.9	4.3	5.8	9.0	17.0	24.7	31.8	38.8	47.3
75°	0.0	1.5	3.4	5.2	7.5	15.6	26.0	35.3	44.3	56.7	69.9
72.5°	0.0	1.7	4.0	6.0	12.0	22.1	34.6	46.8	61.0	76.1	92.1
70°	0.0	2.0	4.5	7.2	16.3	28.2	43.3	60.6	77.3	95.1	115.8
67.5°	0.0	2.2	5.0	9.9	20.4	34.2	53.8	74.1	93.3	115.7	139.5
65°	0.0	2.4	5.5	12.5	24.4	40.8	63.8	87.2	110.5	135.7	161.6
62.5°	0.0	2.7	6.0	14.9	28.2	48.1	73.2	100.9	127.1	154.8	181.4
60°	0.0	2.9	6.5	17.2	31.7	55.0	82.2	114.5	143.1	172.7	201.0
57.5°	0.0	3.1	7.8	19.4	36.4	61.4	91.6	127.2	158.9	190.3	219.5
55°	0.0	3.3	9.0	21.4	40.9	67.4	100.5	138.1	174.4	207.3	237.2
52.5°	0.0	3.5	10.3	23.3	45.1	73.1	108.7	149.5	189.6	222.9	254.5
50°	0.0	3.6	11.4	25.0	48.9	79.2	116.3	160.3	204.0	238.1	274.4
47.5°	0.0	3.8	12.6	26.8	52.4	84.7	123.3	170.3	217.1	252.7	293.8
45°	0.0	4.0	13.6	29.1	55.6	89.7	131.2	179.6	227.2	269.3	312.4
42.5°	0.0	4.1	14.6	31.2	58.4	94.1	138.4	188.1	236.9	285.2	334.3
40°	0.0	4.2	15.6	33.4	61.2	98.0	144.9	196.2	247.0	300.1	355.7
37.5°	0.0	4.4	16.5	35.5	63.9	101.3	150.8	203.8	258.3	314.2	375.7
35°	0.0	4.5	17.3	37.5	66.3	105.1	156.0	211.0	269.4	330.5	395.9
32.5°	0.0	4.6	18.0	39.3	68.3	109.0	160.7	217.7	280.1	346.2	417.2
30°	0.0	4.7	18.7	41.0	69.9	112.2	165.7	224.5	290.5	361.1	437.2
27.5°	0.0	4.8	19.4	42.5	72.3	114.9	170.2	232.3	301.1	375.3	455.7
25°	0.0	4.9	19.9	43.9	74.5	117.1	174.1	239.6	312.2	389.8	472.8
22.5°	0.0	4.9	20.4	45.1	76.5	119.2	177.5	246.3	322.4	403.4	491.1
20°	0.0	5.0	20.8	46.1	78.2	122.2	180.2	252.3	331.7	415.6	507.4
17.5°	0.0	5.0	21.2	47.0	79.6	124.6	183.7	257.5	340.0	426.4	521.8
15°	0.0	5.0	21.5	47.7	80.8	126.5	187.3	262.6	347.2	435.6	534.3
12.5°	0.0	5.1	21.7	48.2	81.7	127.9	190.3	267.3	353.7	443.2	544.7
10°	0.0	5.1	21.9	48.6	82.3	128.7	192.5	270.9	359.3	450.4	553.4
7.5°	0.0	5.1	21.9	48.8	82.6	129.0	194.1	273.5	363.6	456.1	561.0
5°	0.0	5.1	22.0	48.9	82.7	128.9	194.9	274.9	366.6	460.3	566.4
2.5°	0.0	5.0	21.9	48.8	82.5	128.3	194.9	275.3	368.2	462.8	569.7
0°	0.0	5.0	21.8	48.5	82.0	127.2	194.2	274.5	368.3	463.7	570.8
-2.5°	0.0	5.0	21.9	48.8	82.5	128.3	194.9	275.3	368.2	462.8	569.7
-5°	0.0	5.1	22.0	48.9	82.7	128.9	194.9	274.9	366.6	460.3	566.4
-7.5°	0.0	5.1	21.9	48.8	82.6	129.0	194.1	273.5	363.6	456.1	561.0
-10°	0.0	5.1	21.9	48.6	82.3	128.7	192.5	270.9	359.3	450.4	553.4
-12.5°	0.0	5.1	21.7	48.2	81.7	127.9	190.3	267.3	353.7	443.2	544.7
-15°	0.0	5.0	21.5	47.7	80.8	126.5	187.3	262.6	347.2	435.6	534.3
-17.5°	0.0	5.0	21.2	47.0	79.6	124.6	183.7	257.5	340.0	426.4	521.8
-20°	0.0	5.0	20.8	46.1	78.2	122.2	180.2	252.3	331.7	415.6	507.4

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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	4.9	20.4	45.1	76.5	119.2	177.5	246.3	322.4	403.4	491.1
-25°	0.0	4.9	19.9	43.9	74.5	117.1	174.1	239.6	312.2	389.8	472.8
-27.5°	0.0	4.8	19.4	42.5	72.3	114.9	170.2	232.3	301.1	375.3	455.7
-30°	0.0	4.7	18.7	41.0	69.9	112.2	165.7	224.5	290.5	361.1	437.2
-32.5°	0.0	4.6	18.0	39.3	68.3	109.0	160.7	217.7	280.1	346.2	417.2
-35°	0.0	4.5	17.3	37.5	66.3	105.1	156.0	211.0	269.4	330.5	395.9
-37.5°	0.0	4.4	16.5	35.5	63.9	101.3	150.8	203.8	258.3	314.2	375.7
-40°	0.0	4.2	15.6	33.4	61.2	98.0	144.9	196.2	247.0	300.1	355.7
-42.5°	0.0	4.1	14.6	31.2	58.4	94.1	138.4	188.1	236.9	285.2	334.3
-45°	0.0	4.0	13.6	29.1	55.6	89.7	131.2	179.6	227.2	269.3	312.4
-47.5°	0.0	3.8	12.6	26.8	52.4	84.7	123.3	170.3	217.1	252.7	293.8
-50°	0.0	3.6	11.4	25.0	48.9	79.2	116.3	160.3	204.0	238.1	274.4
-52.5°	0.0	3.5	10.3	23.3	45.1	73.1	108.7	149.5	189.6	222.9	254.5
-55°	0.0	3.3	9.0	21.4	40.9	67.4	100.5	138.1	174.4	207.3	237.2
-57.5°	0.0	3.1	7.8	19.4	36.4	61.4	91.6	127.2	158.9	190.3	219.5
-60°	0.0	2.9	6.5	17.2	31.7	55.0	82.2	114.5	143.1	172.7	201.0
-62.5°	0.0	2.7	6.0	14.9	28.2	48.1	73.2	100.9	127.1	154.8	181.4
-65°	0.0	2.4	5.5	12.5	24.4	40.8	63.8	87.2	110.5	135.7	161.6
-67.5°	0.0	2.2	5.0	9.9	20.4	34.2	53.8	74.1	93.3	115.7	139.5
-70°	0.0	2.0	4.5	7.2	16.3	28.2	43.3	60.6	77.3	95.1	115.8
-72.5°	0.0	1.7	4.0	6.0	12.0	22.1	34.6	46.8	61.0	76.1	92.1
-75°	0.0	1.5	3.4	5.2	7.5	15.6	26.0	35.3	44.3	56.7	69.9
-77.5°	0.0	1.3	2.9	4.3	5.8	9.0	17.0	24.7	31.8	38.8	47.3
-80°	0.0	1.0	2.3	3.5	4.6	5.8	7.8	13.9	19.7	25.3	30.7
-82.5°	0.0	0.8	1.7	2.6	3.5	4.3	5.2	6.0	7.5	11.9	16.0
-85°	0.0	0.5	1.2	1.7	2.3	2.9	3.5	4.0	4.6	5.1	5.7
-87.5°	0.0	0.3	0.6	0.9	1.2	1.4	1.7	2.0	2.3	2.6	2.8
-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°	3.3	3.8	4.3	4.8	4.9	4.9	4.8	4.7	4.9	5.1	5.3
85°	6.6	7.5	10.4	13.3	14.6	15.5	15.8	15.8	18.4	21.3	24.5
82.5°	20.4	24.5	28.5	32.4	33.3	33.4	33.1	33.2	39.2	46.1	53.2
80°	36.2	41.5	48.6	54.9	57.6	59.0	59.7	59.6	67.2	77.4	88.0
77.5°	57.5	66.5	74.3	80.9	84.5	87.6	90.2	92.2	102.0	114.8	127.6
75°	81.8	91.6	101.3	109.9	115.8	120.2	124.4	131.0	143.8	158.8	171.9
72.5°	107.3	119.9	130.8	140.0	148.4	157.3	167.2	178.1	191.7	206.6	220.2
70°	134.6	148.4	159.8	171.0	182.4	195.7	210.6	225.3	240.4	256.8	272.7
67.5°	161.3	174.7	188.1	202.2	219.2	237.0	254.6	274.8	295.5	313.8	330.2
65°	184.5	200.2	217.0	236.1	257.1	279.7	303.2	327.5	353.7	375.7	395.8
62.5°	206.7	225.5	245.9	269.7	296.6	323.3	353.3	383.7	413.2	439.1	463.1
60°	227.1	249.9	275.7	304.9	336.2	371.8	406.0	440.5	472.9	502.2	532.5
57.5°	247.0	275.6	306.6	341.6	381.2	421.2	461.4	498.5	535.2	571.0	605.2
55°	268.0	302.5	339.4	382.3	427.0	474.3	517.5	559.0	599.4	642.8	684.0
52.5°	291.2	329.7	375.8	423.9	475.5	526.2	573.7	620.9	669.8	718.9	772.6
50°	313.5	361.5	412.1	468.0	523.7	578.0	632.5	686.9	745.5	805.7	866.6
47.5°	339.6	392.0	451.7	511.6	572.5	633.0	693.8	759.5	826.0	895.8	963.2
45°	366.0	424.9	489.3	557.0	622.8	689.9	760.9	833.5	911.5	988.3	1069.3
42.5°	391.0	457.6	528.6	601.7	675.0	749.8	827.9	912.8	997.9	1086.6	1175.6
40°	418.7	488.8	566.9	647.5	727.0	810.0	899.2	991.1	1087.6	1185.0	1281.6
37.5°	445.4	522.3	604.5	691.3	780.5	871.7	968.5	1072.9	1177.4	1282.3	1388.9
35°	470.4	554.2	643.2	735.3	829.9	933.6	1041.9	1153.3	1266.6	1380.0	1494.7
32.5°	496.0	584.2	680.2	778.7	883.0	994.2	1112.9	1233.5	1354.2	1475.3	1600.8
30°	521.7	615.7	716.0	819.8	933.9	1055.0	1182.5	1310.4	1438.0	1571.3	1705.0
27.5°	546.0	645.6	751.2	862.2	982.6	1111.4	1246.7	1383.7	1521.3	1663.0	1805.7
25°	568.4	673.9	783.8	903.1	1030.6	1165.5	1306.6	1449.5	1600.4	1752.1	1901.0
22.5°	590.2	699.9	814.1	940.7	1074.2	1215.9	1362.7	1513.7	1671.4	1834.2	1988.4
20°	611.3	724.6	843.5	974.8	1113.2	1261.2	1413.8	1571.8	1737.3	1904.5	2070.3
17.5°	629.9	746.6	870.9	1006.7	1150.4	1302.6	1459.8	1623.0	1795.8	1969.1	2144.8
15°	646.2	765.8	894.6	1034.5	1183.3	1340.3	1502.4	1670.3	1847.6	2028.0	2210.7
12.5°	659.9	782.0	914.6	1058.2	1211.3	1372.5	1539.1	1712.9	1894.9	2080.4	2268.4
10°	671.0	795.2	930.8	1077.5	1234.1	1399.2	1569.3	1748.0	1935.5	2125.0	2316.9
7.5°	680.5	806.2	943.6	1092.5	1251.6	1420.1	1592.8	1775.4	1967.8	2159.8	2355.9
5°	687.5	815.2	955.4	1105.0	1266.9	1436.4	1610.7	1794.9	1991.4	2184.5	2384.2
2.5°	691.6	821.0	963.4	1113.1	1278.9	1448.7	1626.5	1812.1	2008.7	2204.2	2405.4
0°	693.0	823.6	967.5	1116.5	1285.6	1454.6	1635.4	1821.2	2017.1	2216.3	2418.8
-2.5°	691.6	821.0	963.4	1113.1	1278.9	1448.7	1626.5	1812.1	2008.7	2204.2	2405.4
-5°	687.5	815.2	955.4	1105.0	1266.9	1436.4	1610.7	1794.9	1991.4	2184.5	2384.2
-7.5°	680.5	806.2	943.6	1092.5	1251.6	1420.1	1592.8	1775.4	1967.8	2159.8	2355.9
-10°	671.0	795.2	930.8	1077.5	1234.1	1399.2	1569.3	1748.0	1935.5	2125.0	2316.9
-12.5°	659.9	782.0	914.6	1058.2	1211.3	1372.5	1539.1	1712.9	1894.9	2080.4	2268.4
-15°	646.2	765.8	894.6	1034.5	1183.3	1340.3	1502.4	1670.3	1847.6	2028.0	2210.7
-17.5°	629.9	746.6	870.9	1006.7	1150.4	1302.6	1459.8	1623.0	1795.8	1969.1	2144.8
-20°	611.3	724.6	843.5	974.8	1113.2	1261.2	1413.8	1571.8	1737.3	1904.5	2070.3



REPORT NUMBER: P626821 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-750-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°	590.2	699.9	814.1	940.7	1074.2	1215.9	1362.7	1513.7	1671.4	1834.2	1988.4
-25°	568.4	673.9	783.8	903.1	1030.6	1165.5	1306.6	1449.5	1600.4	1752.1	1901.0
-27.5°	546.0	645.6	751.2	862.2	982.6	1111.4	1246.7	1383.7	1521.3	1663.0	1805.7
-30°	521.7	615.7	716.0	819.8	933.9	1055.0	1182.5	1310.4	1438.0	1571.3	1705.0
-32.5°	496.0	584.2	680.2	778.7	883.0	994.2	1112.9	1233.5	1354.2	1475.3	1600.8
-35°	470.4	554.2	643.2	735.3	829.9	933.6	1041.9	1153.3	1266.6	1380.0	1494.7
-37.5°	445.4	522.3	604.5	691.3	780.5	871.7	968.5	1072.9	1177.4	1282.3	1388.9
-40°	418.7	488.8	566.9	647.5	727.0	810.0	899.2	991.1	1087.6	1185.0	1281.6
-42.5°	391.0	457.6	528.6	601.7	675.0	749.8	827.9	912.8	997.9	1086.6	1175.6
-45°	366.0	424.9	489.3	557.0	622.8	689.9	760.9	833.5	911.5	988.3	1069.3
-47.5°	339.6	392.0	451.7	511.6	572.5	633.0	693.8	759.5	826.0	895.8	963.2
-50°	313.5	361.5	412.1	468.0	523.7	578.0	632.5	686.9	745.5	805.7	866.6
-52.5°	291.2	329.7	375.8	423.9	475.5	526.2	573.7	620.9	669.8	718.9	772.6
-55°	268.0	302.5	339.4	382.3	427.0	474.3	517.5	559.0	599.4	642.8	684.0
-57.5°	247.0	275.6	306.6	341.6	381.2	421.2	461.4	498.5	535.2	571.0	605.2
-60°	227.1	249.9	275.7	304.9	336.2	371.8	406.0	440.5	472.9	502.2	532.5
-62.5°	206.7	225.5	245.9	269.7	296.6	323.3	353.3	383.7	413.2	439.1	463.1
-65°	184.5	200.2	217.0	236.1	257.1	279.7	303.2	327.5	353.7	375.7	395.8
-67.5°	161.3	174.7	188.1	202.2	219.2	237.0	254.6	274.8	295.5	313.8	330.2
-70°	134.6	148.4	159.8	171.0	182.4	195.7	210.6	225.3	240.4	256.8	272.7
-72.5°	107.3	119.9	130.8	140.0	148.4	157.3	167.2	178.1	191.7	206.6	220.2
-75°	81.8	91.6	101.3	109.9	115.8	120.2	124.4	131.0	143.8	158.8	171.9
-77.5°	57.5	66.5	74.3	80.9	84.5	87.6	90.2	92.2	102.0	114.8	127.6
-80°	36.2	41.5	48.6	54.9	57.6	59.0	59.7	59.6	67.2	77.4	88.0
-82.5°	20.4	24.5	28.5	32.4	33.3	33.4	33.1	33.2	39.2	46.1	53.2
-85°	6.6	7.5	10.4	13.3	14.6	15.5	15.8	15.8	18.4	21.3	24.5
-87.5°	3.3	3.8	4.3	4.8	4.9	4.9	4.8	4.7	4.9	5.1	5.3
-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: P626821 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-750-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°	5.5	5.7	5.8	5.9	6.1	6.2	6.3	6.4	6.5	6.1	5.8
85°	28.0	30.0	31.8	33.5	35.2	36.8	38.3	39.7	41.0	37.4	33.5
82.5°	60.4	65.2	69.8	74.4	78.9	80.1	80.4	80.3	79.7	73.4	66.5
80°	98.6	106.8	114.5	122.2	129.7	130.6	129.7	128.1	125.9	117.8	108.5
77.5°	140.3	150.6	159.6	167.9	175.4	176.8	176.6	176.2	175.6	167.3	157.2
75°	183.0	193.1	202.8	211.1	218.0	221.2	222.7	223.8	224.4	218.4	210.6
72.5°	232.5	243.0	251.6	259.7	266.5	271.4	274.9	277.6	279.4	277.6	274.4
70°	286.2	297.5	307.0	316.1	325.3	332.7	338.3	342.4	344.9	346.6	347.8
67.5°	346.7	361.9	375.1	386.4	397.6	408.0	416.6	423.7	429.1	433.7	437.3
65°	414.9	434.3	451.5	467.2	481.7	496.9	509.3	519.8	528.2	535.1	540.7
62.5°	486.7	510.4	532.4	553.8	574.7	595.4	611.2	625.6	638.4	649.4	658.2
60°	561.2	588.1	617.7	645.9	671.9	695.6	719.2	739.5	757.0	771.5	783.2
57.5°	641.2	676.1	710.7	745.8	778.9	809.9	838.8	864.4	886.0	903.8	918.7
55°	727.7	771.4	811.5	855.7	898.4	937.3	971.5	1001.6	1027.6	1049.4	1067.9
52.5°	822.9	875.9	927.9	978.2	1026.7	1071.8	1112.8	1147.9	1179.0	1205.8	1227.1
50°	926.9	987.6	1048.0	1103.9	1159.6	1211.6	1258.5	1299.2	1335.5	1366.9	1391.6
47.5°	1035.8	1104.9	1172.2	1236.2	1297.9	1355.7	1406.6	1453.0	1498.2	1535.0	1564.2
45°	1148.8	1226.3	1300.6	1373.8	1441.8	1506.5	1569.3	1627.0	1673.4	1714.0	1748.2
42.5°	1263.2	1349.6	1432.9	1512.8	1587.4	1662.3	1732.9	1796.0	1848.9	1895.1	1933.9
40°	1379.1	1473.7	1565.4	1652.5	1737.8	1819.5	1895.9	1962.4	2022.1	2077.0	2122.7
37.5°	1494.4	1598.4	1700.0	1797.6	1891.6	1980.1	2062.6	2137.8	2205.2	2267.7	2318.4
35°	1610.2	1724.4	1835.6	1943.0	2045.7	2143.3	2233.6	2319.2	2398.6	2461.9	2513.8
32.5°	1725.5	1848.3	1969.4	2087.6	2200.0	2305.2	2403.1	2497.7	2579.3	2648.9	2708.6
30°	1837.2	1970.2	2102.0	2230.2	2351.6	2465.6	2574.0	2674.0	2761.8	2837.9	2904.8
27.5°	1946.7	2089.6	2231.1	2368.0	2499.2	2623.2	2741.4	2849.8	2945.7	3028.4	3099.0
25°	2050.3	2203.9	2354.6	2499.8	2640.0	2776.7	2904.4	3022.7	3125.1	3215.9	3288.4
22.5°	2149.2	2313.0	2471.4	2624.2	2774.1	2921.4	3061.2	3184.8	3293.2	3388.2	3468.4
20°	2241.3	2416.8	2579.0	2740.5	2898.4	3055.7	3205.8	3336.2	3451.0	3552.0	3640.5
17.5°	2327.5	2507.5	2678.2	2850.1	3016.6	3181.7	3334.2	3473.9	3597.7	3705.0	3797.7
15°	2400.4	2582.3	2768.6	2952.2	3127.7	3294.9	3447.2	3593.1	3730.6	3846.7	3940.7
12.5°	2459.4	2648.6	2843.0	3037.9	3223.5	3390.4	3549.9	3698.0	3842.4	3972.8	4059.1
10°	2509.8	2704.5	2905.2	3104.0	3292.1	3468.7	3642.1	3798.7	3940.6	4057.3	4153.7
7.5°	2553.3	2753.8	2957.7	3156.8	3344.3	3526.8	3705.3	3871.6	4014.8	4124.8	4210.8
5°	2585.4	2790.7	2998.5	3199.4	3389.6	3572.6	3752.0	3916.1	4056.0	4167.9	4261.7
2.5°	2608.3	2815.5	3024.9	3226.1	3420.5	3604.0	3787.8	3953.8	4089.2	4191.7	4281.6
0°	2623.0	2830.6	3041.5	3247.4	3438.2	3615.7	3813.2	3968.9	4109.5	4211.6	4305.3
-2.5°	2608.3	2815.5	3024.9	3226.1	3420.5	3604.0	3787.8	3953.8	4089.2	4191.7	4281.6
-5°	2585.4	2790.7	2998.5	3199.4	3389.6	3572.6	3752.0	3916.1	4056.0	4167.9	4261.7
-7.5°	2553.3	2753.8	2957.7	3156.8	3344.3	3526.8	3705.3	3871.6	4014.8	4124.8	4210.8
-10°	2509.8	2704.5	2905.2	3104.0	3292.1	3468.7	3642.1	3798.7	3940.6	4057.3	4153.7
-12.5°	2459.4	2648.6	2843.0	3037.9	3223.5	3390.4	3549.9	3698.0	3842.4	3972.8	4059.1
-15°	2400.4	2582.3	2768.6	2952.2	3127.7	3294.9	3447.2	3593.1	3730.6	3846.7	3940.7
-17.5°	2327.5	2507.5	2678.2	2850.1	3016.6	3181.7	3334.2	3473.9	3597.7	3705.0	3797.7
-20°	2241.3	2416.8	2579.0	2740.5	2898.4	3055.7	3205.8	3336.2	3451.0	3552.0	3640.5



REPORT NUMBER: P626821 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-750-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2149.2	2313.0	2471.4	2624.2	2774.1	2921.4	3061.2	3184.8	3293.2	3388.2	3468.4
-25°	2050.3	2203.9	2354.6	2499.8	2640.0	2776.7	2904.4	3022.7	3125.1	3215.9	3288.4
-27.5°	1946.7	2089.6	2231.1	2368.0	2499.2	2623.2	2741.4	2849.8	2945.7	3028.4	3099.0
-30°	1837.2	1970.2	2102.0	2230.2	2351.6	2465.6	2574.0	2674.0	2761.8	2837.9	2904.8
-32.5°	1725.5	1848.3	1969.4	2087.6	2200.0	2305.2	2403.1	2497.7	2579.3	2648.9	2708.6
-35°	1610.2	1724.4	1835.6	1943.0	2045.7	2143.3	2233.6	2319.2	2398.6	2461.9	2513.8
-37.5°	1494.4	1598.4	1700.0	1797.6	1891.6	1980.1	2062.6	2137.8	2205.2	2267.7	2318.4
-40°	1379.1	1473.7	1565.4	1652.5	1737.8	1819.5	1895.9	1962.4	2022.1	2077.0	2122.7
-42.5°	1263.2	1349.6	1432.9	1512.8	1587.4	1662.3	1732.9	1796.0	1848.9	1895.1	1933.9
-45°	1148.8	1226.3	1300.6	1373.8	1441.8	1506.5	1569.3	1627.0	1673.4	1714.0	1748.2
-47.5°	1035.8	1104.9	1172.2	1236.2	1297.9	1355.7	1406.6	1453.0	1498.2	1535.0	1564.2
-50°	926.9	987.6	1048.0	1103.9	1159.6	1211.6	1258.5	1299.2	1335.5	1366.9	1391.6
-52.5°	822.9	875.9	927.9	978.2	1026.7	1071.8	1112.8	1147.9	1179.0	1205.8	1227.1
-55°	727.7	771.4	811.5	855.7	898.4	937.3	971.5	1001.6	1027.6	1049.4	1067.9
-57.5°	641.2	676.1	710.7	745.8	778.9	809.9	838.8	864.4	886.0	903.8	918.7
-60°	561.2	588.1	617.7	645.9	671.9	695.6	719.2	739.5	757.0	771.5	783.2
-62.5°	486.7	510.4	532.4	553.8	574.7	595.4	611.2	625.6	638.4	649.4	658.2
-65°	414.9	434.3	451.5	467.2	481.7	496.9	509.3	519.8	528.2	535.1	540.7
-67.5°	346.7	361.9	375.1	386.4	397.6	408.0	416.6	423.7	429.1	433.7	437.3
-70°	286.2	297.5	307.0	316.1	325.3	332.7	338.3	342.4	344.9	346.6	347.8
-72.5°	232.5	243.0	251.6	259.7	266.5	271.4	274.9	277.6	279.4	277.6	274.4
-75°	183.0	193.1	202.8	211.1	218.0	221.2	222.7	223.8	224.4	218.4	210.6
-77.5°	140.3	150.6	159.6	167.9	175.4	176.8	176.6	176.2	175.6	167.3	157.2
-80°	98.6	106.8	114.5	122.2	129.7	130.6	129.7	128.1	125.9	117.8	108.5
-82.5°	60.4	65.2	69.8	74.4	78.9	80.1	80.4	80.3	79.7	73.4	66.5
-85°	28.0	30.0	31.8	33.5	35.2	36.8	38.3	39.7	41.0	37.4	33.5
-87.5°	5.5	5.7	5.8	5.9	6.1	6.2	6.3	6.4	6.5	6.1	5.8
-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: P626821 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-750-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°	5.4	5.0	5.0	5.0	5.0	5.0	5.4	5.8	6.1	6.5	6.4
85°	29.3	25.0	23.4	21.8	23.4	25.0	29.3	33.5	37.4	41.0	39.7
82.5°	59.3	51.7	49.3	46.9	49.3	51.7	59.3	66.5	73.4	79.7	80.3
80°	98.7	88.5	84.4	80.3	84.4	88.5	98.7	108.5	117.8	125.9	128.1
77.5°	146.5	135.3	130.4	125.5	130.4	135.3	146.5	157.2	167.3	175.6	176.2
75°	202.3	193.5	188.2	182.5	188.2	193.5	202.3	210.6	218.4	224.4	223.8
72.5°	270.7	266.4	262.5	257.8	262.5	266.4	270.7	274.4	277.6	279.4	277.6
70°	348.2	347.6	348.4	348.2	348.4	347.6	348.2	347.8	346.6	344.9	342.4
67.5°	439.1	439.2	441.1	441.9	441.1	439.2	439.1	437.3	433.7	429.1	423.7
65°	544.1	545.4	544.9	542.3	544.9	545.4	544.1	540.7	535.1	528.2	519.8
62.5°	664.4	668.0	670.0	669.6	670.0	668.0	664.4	658.2	649.4	638.4	625.6
60°	791.9	797.6	800.4	800.1	800.4	797.6	791.9	783.2	771.5	757.0	739.5
57.5°	929.8	937.1	938.8	935.7	938.8	937.1	929.8	918.7	903.8	886.0	864.4
55°	1081.9	1091.2	1094.8	1093.1	1094.8	1091.2	1081.9	1067.9	1049.4	1027.6	1001.6
52.5°	1242.7	1252.7	1256.3	1253.8	1256.3	1252.7	1242.7	1227.1	1205.8	1179.0	1147.9
50°	1409.8	1422.0	1426.9	1424.5	1426.9	1422.0	1409.8	1391.6	1366.9	1335.5	1299.2
47.5°	1587.1	1603.3	1609.6	1605.3	1609.6	1603.3	1587.1	1564.2	1535.0	1498.2	1453.0
45°	1773.7	1790.5	1797.0	1792.8	1797.0	1790.5	1773.7	1748.2	1714.0	1673.4	1627.0
42.5°	1963.6	1985.4	1994.6	1986.9	1994.6	1985.4	1963.6	1933.9	1895.1	1848.9	1796.0
40°	2156.8	2180.5	2191.4	2186.1	2191.4	2180.5	2156.8	2122.7	2077.0	2022.1	1962.4
37.5°	2355.0	2378.6	2390.2	2390.4	2390.2	2378.6	2355.0	2318.4	2267.7	2205.2	2137.8
35°	2554.0	2582.6	2598.7	2597.9	2598.7	2582.6	2554.0	2513.8	2461.9	2398.6	2319.2
32.5°	2755.7	2786.6	2803.2	2805.5	2803.2	2786.6	2755.7	2708.6	2648.9	2579.3	2497.7
30°	2957.1	2991.1	3010.3	3018.1	3010.3	2991.1	2957.1	2904.8	2837.9	2761.8	2674.0
27.5°	3152.5	3194.3	3223.1	3225.6	3223.1	3194.3	3152.5	3099.0	3028.4	2945.7	2849.8
25°	3341.6	3384.2	3413.8	3419.8	3413.8	3384.2	3341.6	3288.4	3215.9	3125.1	3022.7
22.5°	3528.1	3572.6	3599.9	3610.6	3599.9	3572.6	3528.1	3468.4	3388.2	3293.2	3184.8
20°	3706.1	3754.3	3783.2	3794.8	3783.2	3754.3	3706.1	3640.5	3552.0	3451.0	3336.2
17.5°	3867.1	3918.1	3953.8	3963.8	3953.8	3918.1	3867.1	3797.7	3705.0	3597.7	3473.9
15°	4008.8	4057.1	4091.0	4104.4	4091.0	4057.1	4008.8	3940.7	3846.7	3730.6	3593.1
12.5°	4124.1	4167.3	4193.9	4206.6	4193.9	4167.3	4124.1	4059.1	3972.8	3842.4	3698.0
10°	4214.2	4257.6	4283.0	4300.3	4283.0	4257.6	4214.2	4153.7	4057.3	3940.6	3798.7
7.5°	4292.5	4336.9	4367.9	4392.4	4367.9	4336.9	4292.5	4210.8	4124.8	4014.8	3871.6
5°	4335.6	4409.8	4421.0	4437.6	4421.0	4409.8	4335.6	4261.7	4167.9	4056.0	3916.1
2.5°	4368.5	4421.2	4452.7	4449.3	4452.7	4421.2	4368.5	4281.6	4191.7	4089.2	3953.8
0°	4392.4	4439.2	4450.9	4466.0	4450.9	4439.2	4392.4	4305.3	4211.6	4109.5	3968.9
-2.5°	4368.5	4421.2	4452.7	4449.3	4452.7	4421.2	4368.5	4281.6	4191.7	4089.2	3953.8
-5°	4335.6	4409.8	4421.0	4437.6	4421.0	4409.8	4335.6	4261.7	4167.9	4056.0	3916.1
-7.5°	4292.5	4336.9	4367.9	4392.4	4367.9	4336.9	4292.5	4210.8	4124.8	4014.8	3871.6
-10°	4214.2	4257.6	4283.0	4300.3	4283.0	4257.6	4214.2	4153.7	4057.3	3940.6	3798.7
-12.5°	4124.1	4167.3	4193.9	4206.6	4193.9	4167.3	4124.1	4059.1	3972.8	3842.4	3698.0
-15°	4008.8	4057.1	4091.0	4104.4	4091.0	4057.1	4008.8	3940.7	3846.7	3730.6	3593.1
-17.5°	3867.1	3918.1	3953.8	3963.8	3953.8	3918.1	3867.1	3797.7	3705.0	3597.7	3473.9
-20°	3706.1	3754.3	3783.2	3794.8	3783.2	3754.3	3706.1	3640.5	3552.0	3451.0	3336.2



REPORT NUMBER: P626821 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-750-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°	3528.1	3572.6	3599.9	3610.6	3599.9	3572.6	3528.1	3468.4	3388.2	3293.2	3184.8
-25°	3341.6	3384.2	3413.8	3419.8	3413.8	3384.2	3341.6	3288.4	3215.9	3125.1	3022.7
-27.5°	3152.5	3194.3	3223.1	3225.6	3223.1	3194.3	3152.5	3099.0	3028.4	2945.7	2849.8
-30°	2957.1	2991.1	3010.3	3018.1	3010.3	2991.1	2957.1	2904.8	2837.9	2761.8	2674.0
-32.5°	2755.7	2786.6	2803.2	2805.5	2803.2	2786.6	2755.7	2708.6	2648.9	2579.3	2497.7
-35°	2554.0	2582.6	2598.7	2597.9	2598.7	2582.6	2554.0	2513.8	2461.9	2398.6	2319.2
-37.5°	2355.0	2378.6	2390.2	2390.4	2390.2	2378.6	2355.0	2318.4	2267.7	2205.2	2137.8
-40°	2156.8	2180.5	2191.4	2186.1	2191.4	2180.5	2156.8	2122.7	2077.0	2022.1	1962.4
-42.5°	1963.6	1985.4	1994.6	1986.9	1994.6	1985.4	1963.6	1933.9	1895.1	1848.9	1796.0
-45°	1773.7	1790.5	1797.0	1792.8	1797.0	1790.5	1773.7	1748.2	1714.0	1673.4	1627.0
-47.5°	1587.1	1603.3	1609.6	1605.3	1609.6	1603.3	1587.1	1564.2	1535.0	1498.2	1453.0
-50°	1409.8	1422.0	1426.9	1424.5	1426.9	1422.0	1409.8	1391.6	1366.9	1335.5	1299.2
-52.5°	1242.7	1252.7	1256.3	1253.8	1256.3	1252.7	1242.7	1227.1	1205.8	1179.0	1147.9
-55°	1081.9	1091.2	1094.8	1093.1	1094.8	1091.2	1081.9	1067.9	1049.4	1027.6	1001.6
-57.5°	929.8	937.1	938.8	935.7	938.8	937.1	929.8	918.7	903.8	886.0	864.4
-60°	791.9	797.6	800.4	800.1	800.4	797.6	791.9	783.2	771.5	757.0	739.5
-62.5°	664.4	668.0	670.0	669.6	670.0	668.0	664.4	658.2	649.4	638.4	625.6
-65°	544.1	545.4	544.9	542.3	544.9	545.4	544.1	540.7	535.1	528.2	519.8
-67.5°	439.1	439.2	441.1	441.9	441.1	439.2	439.1	437.3	433.7	429.1	423.7
-70°	348.2	347.6	348.4	348.2	348.4	347.6	348.2	347.8	346.6	344.9	342.4
-72.5°	270.7	266.4	262.5	257.8	262.5	266.4	270.7	274.4	277.6	279.4	277.6
-75°	202.3	193.5	188.2	182.5	188.2	193.5	202.3	210.6	218.4	224.4	223.8
-77.5°	146.5	135.3	130.4	125.5	130.4	135.3	146.5	157.2	167.3	175.6	176.2
-80°	98.7	88.5	84.4	80.3	84.4	88.5	98.7	108.5	117.8	125.9	128.1
-82.5°	59.3	51.7	49.3	46.9	49.3	51.7	59.3	66.5	73.4	79.7	80.3
-85°	29.3	25.0	23.4	21.8	23.4	25.0	29.3	33.5	37.4	41.0	39.7
-87.5°	5.4	5.0	5.0	5.0	5.0	5.0	5.4	5.8	6.1	6.5	6.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626821 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-750-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°	6.3	6.2	6.1	5.9	5.8	5.7	5.5	5.3	5.1	4.9	4.7
85°	38.3	36.8	35.2	33.5	31.8	30.0	28.0	24.5	21.3	18.4	15.8
82.5°	80.4	80.1	78.9	74.4	69.8	65.2	60.4	53.2	46.1	39.2	33.2
80°	129.7	130.6	129.7	122.2	114.5	106.8	98.6	88.0	77.4	67.2	59.6
77.5°	176.6	176.8	175.4	167.9	159.6	150.6	140.3	127.6	114.8	102.0	92.2
75°	222.7	221.2	218.0	211.1	202.8	193.1	183.0	171.9	158.8	143.8	131.0
72.5°	274.9	271.4	266.5	259.7	251.6	243.0	232.5	220.2	206.6	191.7	178.1
70°	338.3	332.7	325.3	316.1	307.0	297.5	286.2	272.7	256.8	240.4	225.3
67.5°	416.6	408.0	397.6	386.4	375.1	361.9	346.7	330.2	313.8	295.5	274.8
65°	509.3	496.9	481.7	467.2	451.5	434.3	414.9	395.8	375.7	353.7	327.5
62.5°	611.2	595.4	574.7	553.8	532.4	510.4	486.7	463.1	439.1	413.2	383.7
60°	719.2	695.6	671.9	645.9	617.7	588.1	561.2	532.5	502.2	472.9	440.5
57.5°	838.8	809.9	778.9	745.8	710.7	676.1	641.2	605.2	571.0	535.2	498.5
55°	971.5	937.3	898.4	855.7	811.5	771.4	727.7	684.0	642.8	599.4	559.0
52.5°	1112.8	1071.8	1026.7	978.2	927.9	875.9	822.9	772.6	718.9	669.8	620.9
50°	1258.5	1211.6	1159.6	1103.9	1048.0	987.6	926.9	866.6	805.7	745.5	686.9
47.5°	1406.6	1355.7	1297.9	1236.2	1172.2	1104.9	1035.8	963.2	895.8	826.0	759.5
45°	1569.3	1506.5	1441.8	1373.8	1300.6	1226.3	1148.8	1069.3	988.3	911.5	833.5
42.5°	1732.9	1662.3	1587.4	1512.8	1432.9	1349.6	1263.2	1175.6	1086.6	997.9	912.8
40°	1895.9	1819.5	1737.8	1652.5	1565.4	1473.7	1379.1	1281.6	1185.0	1087.6	991.1
37.5°	2062.6	1980.1	1891.6	1797.6	1700.0	1598.4	1494.4	1388.9	1282.3	1177.4	1072.9
35°	2233.6	2143.3	2045.7	1943.0	1835.6	1724.4	1610.2	1494.7	1380.0	1266.6	1153.3
32.5°	2403.1	2305.2	2200.0	2087.6	1969.4	1848.3	1725.5	1600.8	1475.3	1354.2	1233.5
30°	2574.0	2465.6	2351.6	2230.2	2102.0	1970.2	1837.2	1705.0	1571.3	1438.0	1310.4
27.5°	2741.4	2623.2	2499.2	2368.0	2231.1	2089.6	1946.7	1805.7	1663.0	1521.3	1383.7
25°	2904.4	2776.7	2640.0	2499.8	2354.6	2203.9	2050.3	1901.0	1752.1	1600.4	1449.5
22.5°	3061.2	2921.4	2774.1	2624.2	2471.4	2313.0	2149.2	1988.4	1834.2	1671.4	1513.7
20°	3205.8	3055.7	2898.4	2740.5	2579.0	2416.8	2241.3	2070.3	1904.5	1737.3	1571.8
17.5°	3334.2	3181.7	3016.6	2850.1	2678.2	2507.5	2327.5	2144.8	1969.1	1795.8	1623.0
15°	3447.2	3294.9	3127.7	2952.2	2768.6	2582.3	2400.4	2210.7	2028.0	1847.6	1670.3
12.5°	3549.9	3390.4	3223.5	3037.9	2843.0	2648.6	2459.4	2268.4	2080.4	1894.9	1712.9
10°	3642.1	3468.7	3292.1	3104.0	2905.2	2704.5	2509.8	2316.9	2125.0	1935.5	1748.0
7.5°	3705.3	3526.8	3344.3	3156.8	2957.7	2753.8	2553.3	2355.9	2159.8	1967.8	1775.4
5°	3752.0	3572.6	3389.6	3199.4	2998.5	2790.7	2585.4	2384.2	2184.5	1991.4	1794.9
2.5°	3787.8	3604.0	3420.5	3226.1	3024.9	2815.5	2608.3	2405.4	2204.2	2008.7	1812.1
0°	3813.2	3615.7	3438.2	3247.4	3041.5	2830.6	2623.0	2418.8	2216.3	2017.1	1821.2
-2.5°	3787.8	3604.0	3420.5	3226.1	3024.9	2815.5	2608.3	2405.4	2204.2	2008.7	1812.1
-5°	3752.0	3572.6	3389.6	3199.4	2998.5	2790.7	2585.4	2384.2	2184.5	1991.4	1794.9
-7.5°	3705.3	3526.8	3344.3	3156.8	2957.7	2753.8	2553.3	2355.9	2159.8	1967.8	1775.4
-10°	3642.1	3468.7	3292.1	3104.0	2905.2	2704.5	2509.8	2316.9	2125.0	1935.5	1748.0
-12.5°	3549.9	3390.4	3223.5	3037.9	2843.0	2648.6	2459.4	2268.4	2080.4	1894.9	1712.9
-15°	3447.2	3294.9	3127.7	2952.2	2768.6	2582.3	2400.4	2210.7	2028.0	1847.6	1670.3
-17.5°	3334.2	3181.7	3016.6	2850.1	2678.2	2507.5	2327.5	2144.8	1969.1	1795.8	1623.0
-20°	3205.8	3055.7	2898.4	2740.5	2579.0	2416.8	2241.3	2070.3	1904.5	1737.3	1571.8



REPORT NUMBER: P626821 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-750-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3061.2	2921.4	2774.1	2624.2	2471.4	2313.0	2149.2	1988.4	1834.2	1671.4	1513.7
-25°	2904.4	2776.7	2640.0	2499.8	2354.6	2203.9	2050.3	1901.0	1752.1	1600.4	1449.5
-27.5°	2741.4	2623.2	2499.2	2368.0	2231.1	2089.6	1946.7	1805.7	1663.0	1521.3	1383.7
-30°	2574.0	2465.6	2351.6	2230.2	2102.0	1970.2	1837.2	1705.0	1571.3	1438.0	1310.4
-32.5°	2403.1	2305.2	2200.0	2087.6	1969.4	1848.3	1725.5	1600.8	1475.3	1354.2	1233.5
-35°	2233.6	2143.3	2045.7	1943.0	1835.6	1724.4	1610.2	1494.7	1380.0	1266.6	1153.3
-37.5°	2062.6	1980.1	1891.6	1797.6	1700.0	1598.4	1494.4	1388.9	1282.3	1177.4	1072.9
-40°	1895.9	1819.5	1737.8	1652.5	1565.4	1473.7	1379.1	1281.6	1185.0	1087.6	991.1
-42.5°	1732.9	1662.3	1587.4	1512.8	1432.9	1349.6	1263.2	1175.6	1086.6	997.9	912.8
-45°	1569.3	1506.5	1441.8	1373.8	1300.6	1226.3	1148.8	1069.3	988.3	911.5	833.5
-47.5°	1406.6	1355.7	1297.9	1236.2	1172.2	1104.9	1035.8	963.2	895.8	826.0	759.5
-50°	1258.5	1211.6	1159.6	1103.9	1048.0	987.6	926.9	866.6	805.7	745.5	686.9
-52.5°	1112.8	1071.8	1026.7	978.2	927.9	875.9	822.9	772.6	718.9	669.8	620.9
-55°	971.5	937.3	898.4	855.7	811.5	771.4	727.7	684.0	642.8	599.4	559.0
-57.5°	838.8	809.9	778.9	745.8	710.7	676.1	641.2	605.2	571.0	535.2	498.5
-60°	719.2	695.6	671.9	645.9	617.7	588.1	561.2	532.5	502.2	472.9	440.5
-62.5°	611.2	595.4	574.7	553.8	532.4	510.4	486.7	463.1	439.1	413.2	383.7
-65°	509.3	496.9	481.7	467.2	451.5	434.3	414.9	395.8	375.7	353.7	327.5
-67.5°	416.6	408.0	397.6	386.4	375.1	361.9	346.7	330.2	313.8	295.5	274.8
-70°	338.3	332.7	325.3	316.1	307.0	297.5	286.2	272.7	256.8	240.4	225.3
-72.5°	274.9	271.4	266.5	259.7	251.6	243.0	232.5	220.2	206.6	191.7	178.1
-75°	222.7	221.2	218.0	211.1	202.8	193.1	183.0	171.9	158.8	143.8	131.0
-77.5°	176.6	176.8	175.4	167.9	159.6	150.6	140.3	127.6	114.8	102.0	92.2
-80°	129.7	130.6	129.7	122.2	114.5	106.8	98.6	88.0	77.4	67.2	59.6
-82.5°	80.4	80.1	78.9	74.4	69.8	65.2	60.4	53.2	46.1	39.2	33.2
-85°	38.3	36.8	35.2	33.5	31.8	30.0	28.0	24.5	21.3	18.4	15.8
-87.5°	6.3	6.2	6.1	5.9	5.8	5.7	5.5	5.3	5.1	4.9	4.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626821 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-750-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°	4.8	4.9	4.9	4.8	4.3	3.8	3.3	2.8	2.6	2.3	2.0
85°	15.8	15.5	14.6	13.3	10.4	7.5	6.6	5.7	5.1	4.6	4.0
82.5°	33.1	33.4	33.3	32.4	28.5	24.5	20.4	16.0	11.9	7.5	6.0
80°	59.7	59.0	57.6	54.9	48.6	41.5	36.2	30.7	25.3	19.7	13.9
77.5°	90.2	87.6	84.5	80.9	74.3	66.5	57.5	47.3	38.8	31.8	24.7
75°	124.4	120.2	115.8	109.9	101.3	91.6	81.8	69.9	56.7	44.3	35.3
72.5°	167.2	157.3	148.4	140.0	130.8	119.9	107.3	92.1	76.1	61.0	46.8
70°	210.6	195.7	182.4	171.0	159.8	148.4	134.6	115.8	95.1	77.3	60.6
67.5°	254.6	237.0	219.2	202.2	188.1	174.7	161.3	139.5	115.7	93.3	74.1
65°	303.2	279.7	257.1	236.1	217.0	200.2	184.5	161.6	135.7	110.5	87.2
62.5°	353.3	323.3	296.6	269.7	245.9	225.5	206.7	181.4	154.8	127.1	100.9
60°	406.0	371.8	336.2	304.9	275.7	249.9	227.1	201.0	172.7	143.1	114.5
57.5°	461.4	421.2	381.2	341.6	306.6	275.6	247.0	219.5	190.3	158.9	127.2
55°	517.5	474.3	427.0	382.3	339.4	302.5	268.0	237.2	207.3	174.4	138.1
52.5°	573.7	526.2	475.5	423.9	375.8	329.7	291.2	254.5	222.9	189.6	149.5
50°	632.5	578.0	523.7	468.0	412.1	361.5	313.5	274.4	238.1	204.0	160.3
47.5°	693.8	633.0	572.5	511.6	451.7	392.0	339.6	293.8	252.7	217.1	170.3
45°	760.9	689.9	622.8	557.0	489.3	424.9	366.0	312.4	269.3	227.2	179.6
42.5°	827.9	749.8	675.0	601.7	528.6	457.6	391.0	334.3	285.2	236.9	188.1
40°	899.2	810.0	727.0	647.5	566.9	488.8	418.7	355.7	300.1	247.0	196.2
37.5°	968.5	871.7	780.5	691.3	604.5	522.3	445.4	375.7	314.2	258.3	203.8
35°	1041.9	933.6	829.9	735.3	643.2	554.2	470.4	395.9	330.5	269.4	211.0
32.5°	1112.9	994.2	883.0	778.7	680.2	584.2	496.0	417.2	346.2	280.1	217.7
30°	1182.5	1055.0	933.9	819.8	716.0	615.7	521.7	437.2	361.1	290.5	224.5
27.5°	1246.7	1111.4	982.6	862.2	751.2	645.6	546.0	455.7	375.3	301.1	232.3
25°	1306.6	1165.5	1030.6	903.1	783.8	673.9	568.4	472.8	389.8	312.2	239.6
22.5°	1362.7	1215.9	1074.2	940.7	814.1	699.9	590.2	491.1	403.4	322.4	246.3
20°	1413.8	1261.2	1113.2	974.8	843.5	724.6	611.3	507.4	415.6	331.7	252.3
17.5°	1459.8	1302.6	1150.4	1006.7	870.9	746.6	629.9	521.8	426.4	340.0	257.5
15°	1502.4	1340.3	1183.3	1034.5	894.6	765.8	646.2	534.3	435.6	347.2	262.6
12.5°	1539.1	1372.5	1211.3	1058.2	914.6	782.0	659.9	544.7	443.2	353.7	267.3
10°	1569.3	1399.2	1234.1	1077.5	930.8	795.2	671.0	553.4	450.4	359.3	270.9
7.5°	1592.8	1420.1	1251.6	1092.5	943.6	806.2	680.5	561.0	456.1	363.6	273.5
5°	1610.7	1436.4	1266.9	1105.0	955.4	815.2	687.5	566.4	460.3	366.6	274.9
2.5°	1626.5	1448.7	1278.9	1113.1	963.4	821.0	691.6	569.7	462.8	368.2	275.3
0°	1635.4	1454.6	1285.6	1116.5	967.5	823.6	693.0	570.8	463.7	368.3	274.5
-2.5°	1626.5	1448.7	1278.9	1113.1	963.4	821.0	691.6	569.7	462.8	368.2	275.3
-5°	1610.7	1436.4	1266.9	1105.0	955.4	815.2	687.5	566.4	460.3	366.6	274.9
-7.5°	1592.8	1420.1	1251.6	1092.5	943.6	806.2	680.5	561.0	456.1	363.6	273.5
-10°	1569.3	1399.2	1234.1	1077.5	930.8	795.2	671.0	553.4	450.4	359.3	270.9
-12.5°	1539.1	1372.5	1211.3	1058.2	914.6	782.0	659.9	544.7	443.2	353.7	267.3
-15°	1502.4	1340.3	1183.3	1034.5	894.6	765.8	646.2	534.3	435.6	347.2	262.6
-17.5°	1459.8	1302.6	1150.4	1006.7	870.9	746.6	629.9	521.8	426.4	340.0	257.5
-20°	1413.8	1261.2	1113.2	974.8	843.5	724.6	611.3	507.4	415.6	331.7	252.3



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1362.7	1215.9	1074.2	940.7	814.1	699.9	590.2	491.1	403.4	322.4	246.3
-25°	1306.6	1165.5	1030.6	903.1	783.8	673.9	568.4	472.8	389.8	312.2	239.6
-27.5°	1246.7	1111.4	982.6	862.2	751.2	645.6	546.0	455.7	375.3	301.1	232.3
-30°	1182.5	1055.0	933.9	819.8	716.0	615.7	521.7	437.2	361.1	290.5	224.5
-32.5°	1112.9	994.2	883.0	778.7	680.2	584.2	496.0	417.2	346.2	280.1	217.7
-35°	1041.9	933.6	829.9	735.3	643.2	554.2	470.4	395.9	330.5	269.4	211.0
-37.5°	968.5	871.7	780.5	691.3	604.5	522.3	445.4	375.7	314.2	258.3	203.8
-40°	899.2	810.0	727.0	647.5	566.9	488.8	418.7	355.7	300.1	247.0	196.2
-42.5°	827.9	749.8	675.0	601.7	528.6	457.6	391.0	334.3	285.2	236.9	188.1
-45°	760.9	689.9	622.8	557.0	489.3	424.9	366.0	312.4	269.3	227.2	179.6
-47.5°	693.8	633.0	572.5	511.6	451.7	392.0	339.6	293.8	252.7	217.1	170.3
-50°	632.5	578.0	523.7	468.0	412.1	361.5	313.5	274.4	238.1	204.0	160.3
-52.5°	573.7	526.2	475.5	423.9	375.8	329.7	291.2	254.5	222.9	189.6	149.5
-55°	517.5	474.3	427.0	382.3	339.4	302.5	268.0	237.2	207.3	174.4	138.1
-57.5°	461.4	421.2	381.2	341.6	306.6	275.6	247.0	219.5	190.3	158.9	127.2
-60°	406.0	371.8	336.2	304.9	275.7	249.9	227.1	201.0	172.7	143.1	114.5
-62.5°	353.3	323.3	296.6	269.7	245.9	225.5	206.7	181.4	154.8	127.1	100.9
-65°	303.2	279.7	257.1	236.1	217.0	200.2	184.5	161.6	135.7	110.5	87.2
-67.5°	254.6	237.0	219.2	202.2	188.1	174.7	161.3	139.5	115.7	93.3	74.1
-70°	210.6	195.7	182.4	171.0	159.8	148.4	134.6	115.8	95.1	77.3	60.6
-72.5°	167.2	157.3	148.4	140.0	130.8	119.9	107.3	92.1	76.1	61.0	46.8
-75°	124.4	120.2	115.8	109.9	101.3	91.6	81.8	69.9	56.7	44.3	35.3
-77.5°	90.2	87.6	84.5	80.9	74.3	66.5	57.5	47.3	38.8	31.8	24.7
-80°	59.7	59.0	57.6	54.9	48.6	41.5	36.2	30.7	25.3	19.7	13.9
-82.5°	33.1	33.4	33.3	32.4	28.5	24.5	20.4	16.0	11.9	7.5	6.0
-85°	15.8	15.5	14.6	13.3	10.4	7.5	6.6	5.7	5.1	4.6	4.0
-87.5°	4.8	4.9	4.9	4.8	4.3	3.8	3.3	2.8	2.6	2.3	2.0
-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°	1.7	1.4	1.2	0.9	0.6	0.3	0.0
85°	3.5	2.9	2.3	1.7	1.2	0.5	0.0
82.5°	5.2	4.3	3.5	2.6	1.7	0.8	0.0
80°	7.8	5.8	4.6	3.5	2.3	1.0	0.0
77.5°	17.0	9.0	5.8	4.3	2.9	1.3	0.0
75°	26.0	15.6	7.5	5.2	3.4	1.5	0.0
72.5°	34.6	22.1	12.0	6.0	4.0	1.7	0.0
70°	43.3	28.2	16.3	7.2	4.5	2.0	0.0
67.5°	53.8	34.2	20.4	9.9	5.0	2.2	0.0
65°	63.8	40.8	24.4	12.5	5.5	2.4	0.0
62.5°	73.2	48.1	28.2	14.9	6.0	2.7	0.0
60°	82.2	55.0	31.7	17.2	6.5	2.9	0.0
57.5°	91.6	61.4	36.4	19.4	7.8	3.1	0.0
55°	100.5	67.4	40.9	21.4	9.0	3.3	0.0
52.5°	108.7	73.1	45.1	23.3	10.3	3.5	0.0
50°	116.3	79.2	48.9	25.0	11.4	3.6	0.0
47.5°	123.3	84.7	52.4	26.8	12.6	3.8	0.0
45°	131.2	89.7	55.6	29.1	13.6	4.0	0.0
42.5°	138.4	94.1	58.4	31.2	14.6	4.1	0.0
40°	144.9	98.0	61.2	33.4	15.6	4.2	0.0
37.5°	150.8	101.3	63.9	35.5	16.5	4.4	0.0
35°	156.0	105.1	66.3	37.5	17.3	4.5	0.0
32.5°	160.7	109.0	68.3	39.3	18.0	4.6	0.0
30°	165.7	112.2	69.9	41.0	18.7	4.7	0.0
27.5°	170.2	114.9	72.3	42.5	19.4	4.8	0.0
25°	174.1	117.1	74.5	43.9	19.9	4.9	0.0
22.5°	177.5	119.2	76.5	45.1	20.4	4.9	0.0
20°	180.2	122.2	78.2	46.1	20.8	5.0	0.0
17.5°	183.7	124.6	79.6	47.0	21.2	5.0	0.0
15°	187.3	126.5	80.8	47.7	21.5	5.0	0.0
12.5°	190.3	127.9	81.7	48.2	21.7	5.1	0.0
10°	192.5	128.7	82.3	48.6	21.9	5.1	0.0
7.5°	194.1	129.0	82.6	48.8	21.9	5.1	0.0
5°	194.9	128.9	82.7	48.9	22.0	5.1	0.0
2.5°	194.9	128.3	82.5	48.8	21.9	5.0	0.0
0°	194.2	127.2	82.0	48.5	21.8	5.0	0.0
-2.5°	194.9	128.3	82.5	48.8	21.9	5.0	0.0
-5°	194.9	128.9	82.7	48.9	22.0	5.1	0.0
-7.5°	194.1	129.0	82.6	48.8	21.9	5.1	0.0
-10°	192.5	128.7	82.3	48.6	21.9	5.1	0.0
-12.5°	190.3	127.9	81.7	48.2	21.7	5.1	0.0
-15°	187.3	126.5	80.8	47.7	21.5	5.0	0.0
-17.5°	183.7	124.6	79.6	47.0	21.2	5.0	0.0
-20°	180.2	122.2	78.2	46.1	20.8	5.0	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	177.5	119.2	76.5	45.1	20.4	4.9	0.0
-25°	174.1	117.1	74.5	43.9	19.9	4.9	0.0
-27.5°	170.2	114.9	72.3	42.5	19.4	4.8	0.0
-30°	165.7	112.2	69.9	41.0	18.7	4.7	0.0
-32.5°	160.7	109.0	68.3	39.3	18.0	4.6	0.0
-35°	156.0	105.1	66.3	37.5	17.3	4.5	0.0
-37.5°	150.8	101.3	63.9	35.5	16.5	4.4	0.0
-40°	144.9	98.0	61.2	33.4	15.6	4.2	0.0
-42.5°	138.4	94.1	58.4	31.2	14.6	4.1	0.0
-45°	131.2	89.7	55.6	29.1	13.6	4.0	0.0
-47.5°	123.3	84.7	52.4	26.8	12.6	3.8	0.0
-50°	116.3	79.2	48.9	25.0	11.4	3.6	0.0
-52.5°	108.7	73.1	45.1	23.3	10.3	3.5	0.0
-55°	100.5	67.4	40.9	21.4	9.0	3.3	0.0
-57.5°	91.6	61.4	36.4	19.4	7.8	3.1	0.0
-60°	82.2	55.0	31.7	17.2	6.5	2.9	0.0
-62.5°	73.2	48.1	28.2	14.9	6.0	2.7	0.0
-65°	63.8	40.8	24.4	12.5	5.5	2.4	0.0
-67.5°	53.8	34.2	20.4	9.9	5.0	2.2	0.0
-70°	43.3	28.2	16.3	7.2	4.5	2.0	0.0
-72.5°	34.6	22.1	12.0	6.0	4.0	1.7	0.0
-75°	26.0	15.6	7.5	5.2	3.4	1.5	0.0
-77.5°	17.0	9.0	5.8	4.3	2.9	1.3	0.0
-80°	7.8	5.8	4.6	3.5	2.3	1.0	0.0
-82.5°	5.2	4.3	3.5	2.6	1.7	0.8	0.0
-85°	3.5	2.9	2.3	1.7	1.2	0.5	0.0
-87.5°	1.7	1.4	1.2	0.9	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)