

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: P627853 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-722-U-WR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627853 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA6C-722-U-WR-XX  
Description: GALLEON FLOOD, SIX LIGHT SQAURE, WIDE SYMMETRICAL ROUND N133  
Light Source: (96) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

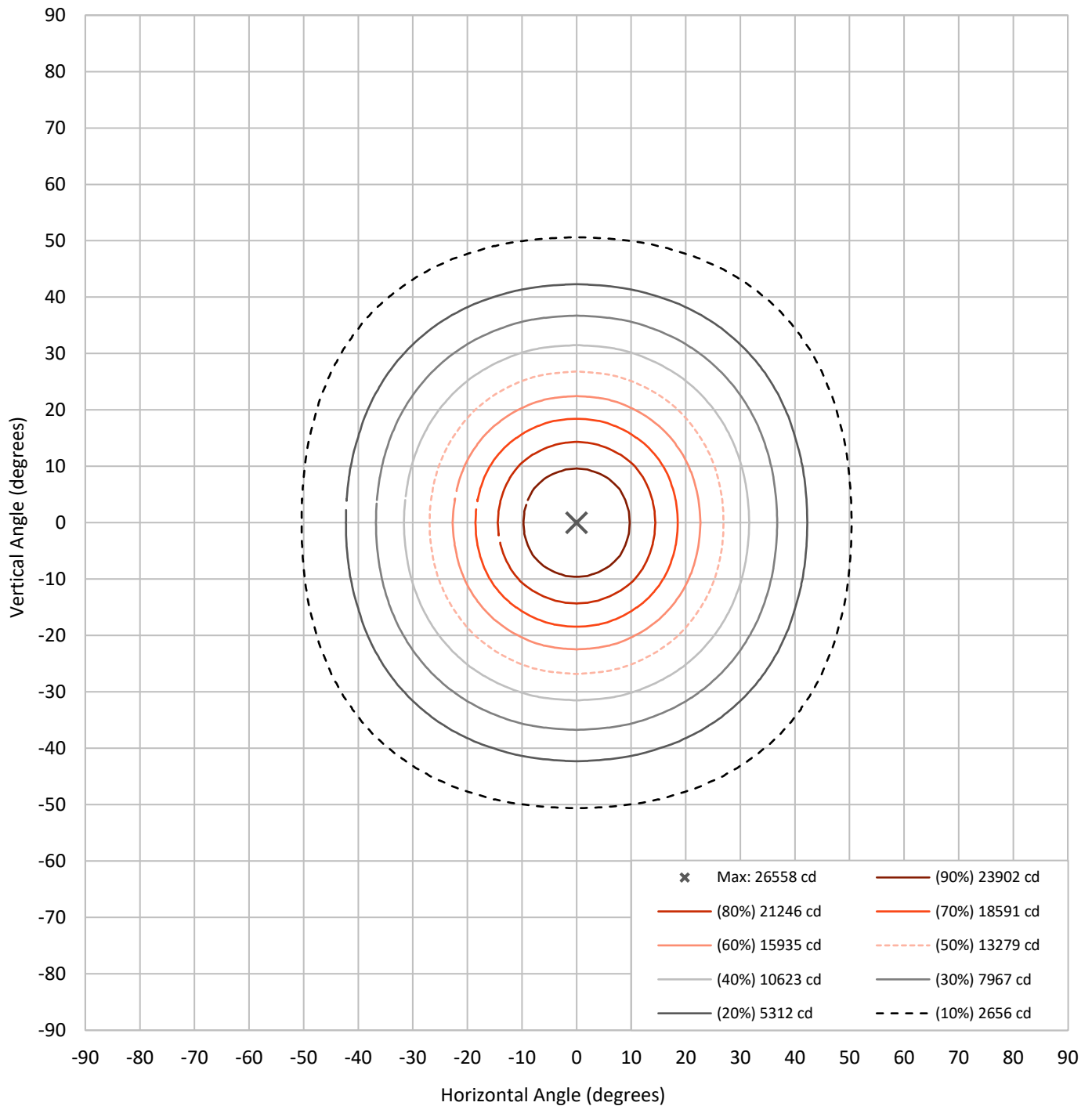
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	27029.9 lumens	Max Intensity:	26558 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	109.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	53.8°H x 53.6°V	Field Angle (10%):	100.8°H x 101.2°V
Beam Lumens:	12924 lumens	Field Lumens:	23854.8 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	247.5		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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### Iso-Candela Plot





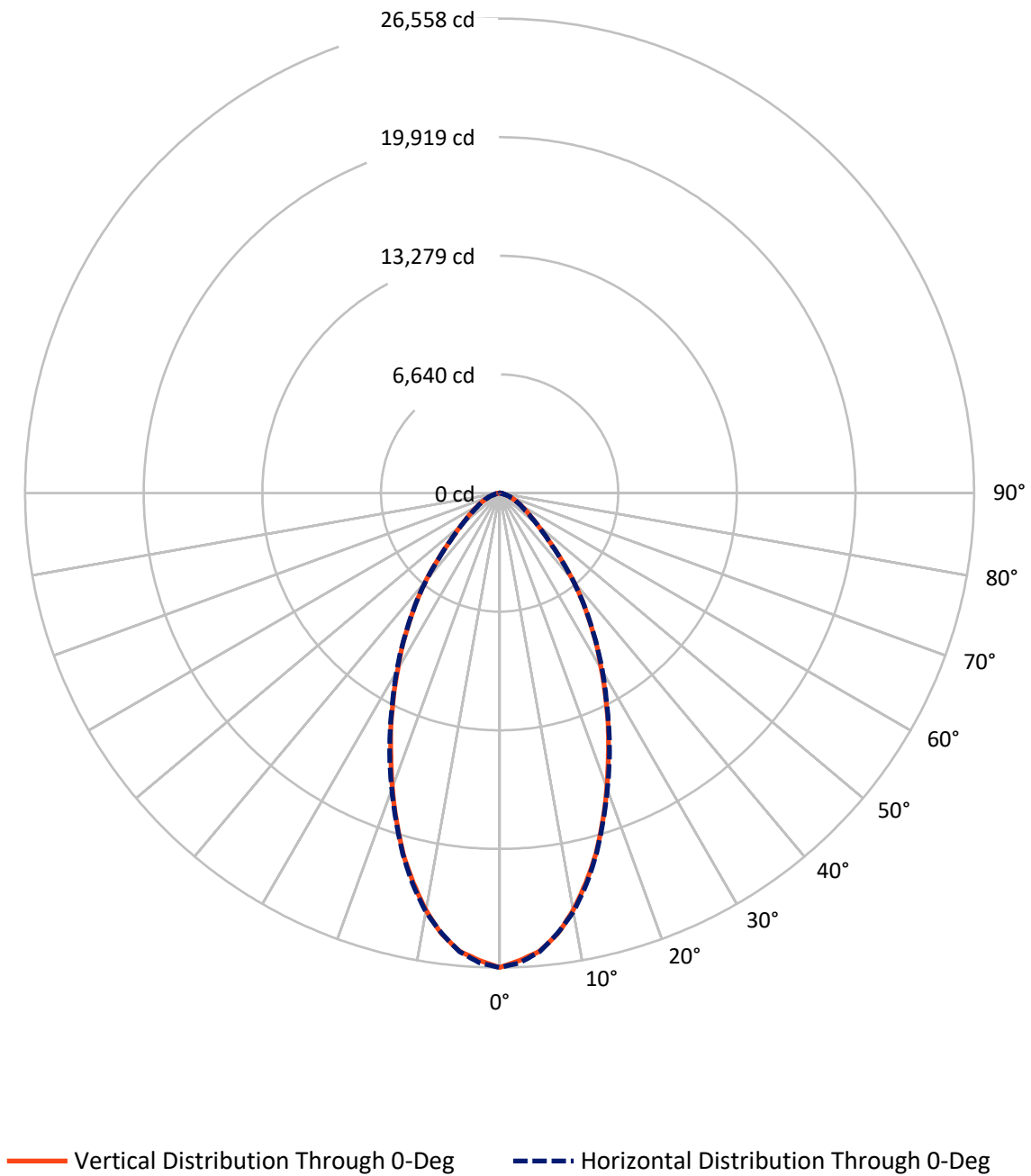
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### Lumen Table

90																			
80	1.0	7.5		17.0		28.3		24.2		28.3		17.0		7.5		1.0			
70																			
60	3.5	4.1	7.7	12.4	18.0	23.4	27.5	29.4	29.4	27.5	23.4	18.0	12.4	7.7	4.1	3.5			
50		5.8	11.7	20.3	31.1	42.8	53.4	59.5	59.5	53.4	42.8	31.1	20.3	11.7	5.8				
40	5.2	7.4	16.2	30.3	51.0	78.5	108.2	128.0	128.0	108.2	78.5	51.0	30.3	16.2	7.4	5.2			
30		9.1	21.2	44.0	85.7	152.1	221.0	262.2	262.2	221.0	152.1	85.7	44.0	21.2	9.1				
20	6.1	10.6	26.4	61.6	138.5	248.9	356.2	425.8	425.8	356.2	248.9	138.5	61.6	26.4	10.6	6.1			
10		11.7	31.0	79.9	189.0	336.2	496.3	610.6	610.6	496.3	336.2	189.0	79.9	31.0	11.7				
0	6.4	12.3	33.6	91.8	217.6	390.8	594.7	747.9	747.9	594.7	390.8	217.6	91.8	33.6	12.3	6.4			
-10		12.3	33.6	91.8	217.6	390.8	594.7	747.9	747.9	594.7	390.8	217.6	91.8	33.6	12.3				
-20	6.1	11.7	31.0	79.9	189.0	336.2	496.3	610.6	610.6	496.3	336.2	189.0	79.9	31.0	11.7	6.1			
-30		10.6	26.4	61.6	138.5	248.9	356.2	425.8	425.8	356.2	248.9	138.5	61.6	26.4	10.6				
-40	5.2	9.1	21.2	44.0	85.7	152.1	221.0	262.2	262.2	221.0	152.1	85.7	44.0	21.2	9.1	5.2			
-50		7.4	16.2	30.3	51.0	78.5	108.2	128.0	128.0	108.2	78.5	51.0	30.3	16.2	7.4				
-60	3.5	5.8	11.7	20.3	31.1	42.8	53.4	59.5	59.5	53.4	42.8	31.1	20.3	11.7	5.8	3.5			
-70		4.1	7.7	12.4	18.0	23.4	27.5	29.4	29.4	27.5	23.4	18.0	12.4	7.7	4.1				
-80																			
-90	1.0	7.5		17.0		28.3		24.2		28.3		17.0		7.5		1.0			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

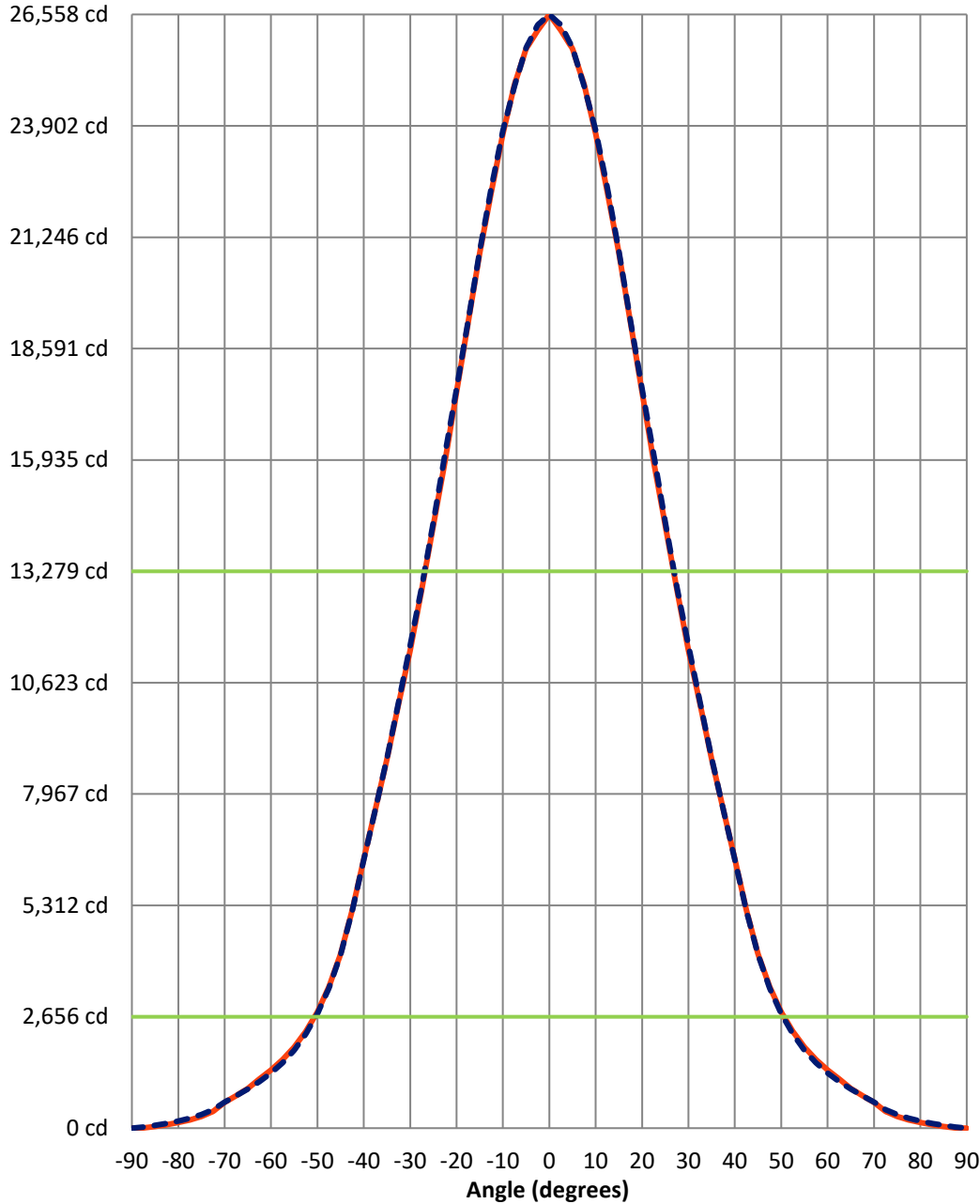
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 53.8°  
 V Angle: 53.6°  
 Lumens: 12924  
 Efficiency: 47.8%

**Field:**  
 H Angle: 100.8°  
 V Angle: 101.2°  
 Lumens: 23854.8  
 Efficiency: 88.3%

**Spill:**  
 Lumens: 3175.1  
 Efficiency: 11.7%

- 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	1.4	3.1	5.1	7.3	9.8	12.6	14.0	15.1	16.0	16.7
85°	0.0	2.7	6.2	10.2	14.6	19.7	25.2	27.9	30.2	32.0	33.3
82.5°	0.0	4.0	9.3	15.2	21.9	29.4	37.7	41.9	46.2	53.5	60.0
80°	0.0	5.4	12.3	20.2	29.1	39.0	51.2	63.6	74.4	84.0	92.6
77.5°	0.0	6.7	15.3	25.1	36.1	50.7	73.0	89.1	102.5	114.5	126.5
75°	0.0	8.0	18.3	29.9	43.8	66.3	94.3	114.6	130.7	147.0	164.5
72.5°	0.0	9.3	21.2	34.7	54.2	81.4	114.9	139.5	158.9	179.7	201.9
70°	0.0	10.5	24.0	39.6	64.3	96.0	134.3	163.1	186.7	211.9	241.6
67.5°	0.0	11.7	26.7	45.8	73.9	109.8	151.3	186.2	213.9	245.2	280.8
65°	0.0	12.9	29.4	51.6	83.1	122.6	167.4	208.8	240.7	277.3	317.9
62.5°	0.0	14.1	32.0	57.2	91.7	134.2	182.7	230.2	266.5	308.0	352.4
60°	0.0	15.2	34.4	62.5	99.8	145.2	196.9	250.5	291.0	337.8	385.9
57.5°	0.0	16.3	37.4	67.3	107.3	155.4	209.8	268.7	315.9	366.5	416.8
55°	0.0	17.3	40.3	71.9	114.3	164.8	221.7	283.2	340.2	394.1	446.3
52.5°	0.0	18.3	43.0	76.0	120.7	173.4	232.5	299.1	363.6	420.4	475.2
50°	0.0	19.2	45.7	79.7	126.5	181.3	242.4	314.0	386.1	446.0	506.8
47.5°	0.0	20.1	48.2	83.2	131.8	188.4	251.6	327.6	408.3	470.9	537.9
45°	0.0	20.9	50.6	86.5	136.3	194.7	261.9	339.8	424.3	497.8	568.0
42.5°	0.0	21.7	52.8	89.5	140.3	200.2	271.1	351.7	438.9	523.8	599.1
40°	0.0	22.5	54.9	92.8	143.9	204.8	279.1	363.3	453.3	548.0	629.2
37.5°	0.0	23.1	56.9	96.2	147.1	208.6	286.0	373.8	469.1	567.1	657.8
35°	0.0	23.8	58.7	99.2	149.6	212.9	291.7	383.1	484.3	588.0	687.0
32.5°	0.0	24.3	60.4	102.1	151.6	216.9	297.0	391.3	498.7	609.3	716.9
30°	0.0	24.8	61.9	104.6	153.0	220.1	302.8	399.3	512.4	630.8	745.0
27.5°	0.0	25.3	63.2	106.8	156.3	222.3	307.6	409.2	526.6	652.3	771.4
25°	0.0	25.6	64.4	108.8	159.4	223.6	311.3	418.0	542.5	673.4	796.0
22.5°	0.0	26.0	65.5	110.4	162.2	225.4	313.9	425.8	557.7	692.8	823.0
20°	0.0	26.2	66.4	111.8	164.6	229.5	315.4	432.4	572.0	710.2	847.1
17.5°	0.0	26.4	67.1	112.9	166.6	232.8	318.9	437.7	585.1	725.6	868.3
15°	0.0	26.6	67.7	113.7	168.2	235.5	323.2	442.8	596.9	738.9	886.5
12.5°	0.0	26.7	68.0	114.2	169.4	237.4	326.3	447.3	607.0	749.9	901.7
10°	0.0	26.7	68.3	114.4	170.1	238.6	328.2	449.8	614.8	759.1	914.0
7.5°	0.0	26.7	68.4	114.4	170.5	239.1	329.0	450.3	620.2	766.3	923.5
5°	0.0	26.6	68.3	114.0	170.4	238.9	328.6	449.0	623.2	771.1	929.9
2.5°	0.0	26.5	68.0	113.5	169.8	238.0	327.2	445.9	623.6	773.5	933.0
0°	0.0	26.3	67.6	112.6	168.9	236.5	324.7	441.1	621.3	773.3	932.9
-2.5°	0.0	26.5	68.0	113.5	169.8	238.0	327.2	445.9	623.6	773.5	933.0
-5°	0.0	26.6	68.3	114.0	170.4	238.9	328.6	449.0	623.2	771.1	929.9
-7.5°	0.0	26.7	68.4	114.4	170.5	239.1	329.0	450.3	620.2	766.3	923.5
-10°	0.0	26.7	68.3	114.4	170.1	238.6	328.2	449.8	614.8	759.1	914.0
-12.5°	0.0	26.7	68.0	114.2	169.4	237.4	326.3	447.3	607.0	749.9	901.7
-15°	0.0	26.6	67.7	113.7	168.2	235.5	323.2	442.8	596.9	738.9	886.5
-17.5°	0.0	26.4	67.1	112.9	166.6	232.8	318.9	437.7	585.1	725.6	868.3
-20°	0.0	26.2	66.4	111.8	164.6	229.5	315.4	432.4	572.0	710.2	847.1

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CATALOG NUMBER: GFLD-SA6C-722-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	26.0	65.5	110.4	162.2	225.4	313.9	425.8	557.7	692.8	823.0
-25°	0.0	25.6	64.4	108.8	159.4	223.6	311.3	418.0	542.5	673.4	796.0
-27.5°	0.0	25.3	63.2	106.8	156.3	222.3	307.6	409.2	526.6	652.3	771.4
-30°	0.0	24.8	61.9	104.6	153.0	220.1	302.8	399.3	512.4	630.8	745.0
-32.5°	0.0	24.3	60.4	102.1	151.6	216.9	297.0	391.3	498.7	609.3	716.9
-35°	0.0	23.8	58.7	99.2	149.6	212.9	291.7	383.1	484.3	588.0	687.0
-37.5°	0.0	23.1	56.9	96.2	147.1	208.6	286.0	373.8	469.1	567.1	657.8
-40°	0.0	22.5	54.9	92.8	143.9	204.8	279.1	363.3	453.3	548.0	629.2
-42.5°	0.0	21.7	52.8	89.5	140.3	200.2	271.1	351.7	438.9	523.8	599.1
-45°	0.0	20.9	50.6	86.5	136.3	194.7	261.9	339.8	424.3	497.8	568.0
-47.5°	0.0	20.1	48.2	83.2	131.8	188.4	251.6	327.6	408.3	470.9	537.9
-50°	0.0	19.2	45.7	79.7	126.5	181.3	242.4	314.0	386.1	446.0	506.8
-52.5°	0.0	18.3	43.0	76.0	120.7	173.4	232.5	299.1	363.6	420.4	475.2
-55°	0.0	17.3	40.3	71.9	114.3	164.8	221.7	283.2	340.2	394.1	446.3
-57.5°	0.0	16.3	37.4	67.3	107.3	155.4	209.8	268.7	315.9	366.5	416.8
-60°	0.0	15.2	34.4	62.5	99.8	145.2	196.9	250.5	291.0	337.8	385.9
-62.5°	0.0	14.1	32.0	57.2	91.7	134.2	182.7	230.2	266.5	308.0	352.4
-65°	0.0	12.9	29.4	51.6	83.1	122.6	167.4	208.8	240.7	277.3	317.9
-67.5°	0.0	11.7	26.7	45.8	73.9	109.8	151.3	186.2	213.9	245.2	280.8
-70°	0.0	10.5	24.0	39.6	64.3	96.0	134.3	163.1	186.7	211.9	241.6
-72.5°	0.0	9.3	21.2	34.7	54.2	81.4	114.9	139.5	158.9	179.7	201.9
-75°	0.0	8.0	18.3	29.9	43.8	66.3	94.3	114.6	130.7	147.0	164.5
-77.5°	0.0	6.7	15.3	25.1	36.1	50.7	73.0	89.1	102.5	114.5	126.5
-80°	0.0	5.4	12.3	20.2	29.1	39.0	51.2	63.6	74.4	84.0	92.6
-82.5°	0.0	4.0	9.3	15.2	21.9	29.4	37.7	41.9	46.2	53.5	60.0
-85°	0.0	2.7	6.2	10.2	14.6	19.7	25.2	27.9	30.2	32.0	33.3
-87.5°	0.0	1.4	3.1	5.1	7.3	9.8	12.6	14.0	15.1	16.0	16.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**CANDELA DISTRIBUTION (continued):**

	-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°	16.9	16.9	16.7	16.2	15.5	14.5	13.3	12.0	12.5	12.9	13.4
85°	33.9	33.9	36.7	39.3	40.5	40.6	39.8	38.1	43.0	48.7	54.7
82.5°	66.1	71.8	77.2	82.3	82.8	81.5	79.0	76.1	86.1	98.3	110.9
80°	101.3	109.7	119.5	128.6	130.7	129.8	127.0	122.4	135.6	154.3	174.5
77.5°	140.6	154.0	166.5	178.0	181.3	180.8	178.7	175.0	191.8	217.8	244.7
75°	182.0	198.2	214.4	228.5	234.6	235.1	234.4	238.3	260.5	290.8	317.6
72.5°	225.2	245.9	264.0	279.6	289.3	296.8	306.6	318.6	341.0	370.8	397.1
70°	270.8	293.8	313.0	330.2	345.1	361.3	382.1	402.7	426.3	456.1	483.4
67.5°	315.9	339.2	360.8	382.0	409.2	435.1	461.0	487.9	517.6	548.9	576.5
65°	357.7	384.0	410.3	441.2	476.5	505.9	537.8	572.8	611.7	646.9	679.0
62.5°	397.7	427.4	460.0	497.3	535.5	572.4	615.2	660.2	705.7	749.8	793.5
60°	431.6	468.5	508.1	550.3	594.4	644.6	694.7	748.2	802.6	855.7	909.8
57.5°	464.1	509.8	555.5	604.5	659.5	716.9	777.0	837.3	902.3	966.6	1028.0
55°	497.9	551.8	603.7	661.8	724.8	792.1	860.1	933.2	1005.0	1085.9	1160.6
52.5°	534.0	592.6	653.6	720.1	793.6	869.6	949.4	1033.2	1122.6	1212.5	1303.7
50°	569.2	635.2	703.1	782.7	864.9	951.8	1043.9	1141.5	1245.6	1349.7	1460.1
47.5°	606.0	676.4	759.4	845.8	940.0	1038.9	1143.2	1259.2	1374.9	1506.0	1632.6
45°	642.3	723.3	813.4	913.7	1017.2	1128.5	1252.5	1380.0	1527.6	1675.7	1842.1
42.5°	677.1	770.6	872.2	979.5	1097.2	1225.1	1362.4	1522.7	1689.2	1872.5	2067.7
40°	717.2	815.8	930.2	1050.1	1177.7	1324.0	1489.1	1667.1	1870.2	2087.3	2309.1
37.5°	756.0	866.7	987.4	1117.5	1265.6	1430.3	1612.6	1830.8	2065.2	2312.0	2613.8
35°	792.4	915.2	1046.4	1188.9	1349.3	1540.2	1758.2	1999.3	2269.3	2587.7	2939.8
32.5°	831.1	961.1	1102.0	1262.0	1443.5	1652.0	1899.6	2183.4	2502.9	2865.5	3306.1
30°	870.0	1008.4	1157.3	1330.4	1532.3	1773.6	2055.0	2368.6	2736.2	3191.0	3708.2
27.5°	906.0	1052.6	1215.7	1402.8	1618.7	1885.7	2204.2	2571.9	3005.0	3518.9	4123.1
25°	939.2	1092.8	1269.4	1471.8	1713.9	2006.7	2352.1	2759.3	3273.9	3886.7	4630.0
22.5°	970.7	1129.5	1317.9	1533.9	1799.7	2123.9	2512.6	2978.6	3547.4	4235.1	5126.5
20°	1000.3	1169.1	1366.0	1593.2	1876.4	2229.7	2660.2	3183.3	3830.6	4644.7	5613.5
17.5°	1026.3	1204.1	1411.6	1657.4	1961.9	2337.2	2799.4	3364.0	4082.7	5010.5	6062.8
15°	1048.7	1234.2	1451.0	1713.0	2038.8	2444.1	2945.5	3562.2	4345.6	5343.2	6457.3
12.5°	1067.4	1259.4	1484.2	1759.8	2103.5	2534.4	3070.2	3738.8	4601.7	5656.5	6803.6
10°	1082.2	1279.6	1510.8	1797.6	2155.6	2607.8	3173.0	3883.3	4814.8	5925.1	7096.7
7.5°	1094.6	1295.4	1531.3	1826.2	2195.1	2663.9	3253.1	3994.8	4981.4	6137.8	7321.5
5°	1103.4	1306.8	1546.8	1846.2	2224.0	2702.9	3309.1	4072.7	5099.9	6291.9	7475.3
2.5°	1108.3	1312.9	1555.7	1856.9	2241.8	2725.1	3338.4	4121.7	5165.0	6379.8	7568.2
0°	1109.3	1313.9	1557.9	1858.3	2246.8	2729.2	3343.0	4137.0	5178.7	6402.5	7602.0
-2.5°	1108.3	1312.9	1555.7	1856.9	2241.8	2725.1	3338.4	4121.7	5165.0	6379.8	7568.2
-5°	1103.4	1306.8	1546.8	1846.2	2224.0	2702.9	3309.1	4072.7	5099.9	6291.9	7475.3
-7.5°	1094.6	1295.4	1531.3	1826.2	2195.1	2663.9	3253.1	3994.8	4981.4	6137.8	7321.5
-10°	1082.2	1279.6	1510.8	1797.6	2155.6	2607.8	3173.0	3883.3	4814.8	5925.1	7096.7
-12.5°	1067.4	1259.4	1484.2	1759.8	2103.5	2534.4	3070.2	3738.8	4601.7	5656.5	6803.6
-15°	1048.7	1234.2	1451.0	1713.0	2038.8	2444.1	2945.5	3562.2	4345.6	5343.2	6457.3
-17.5°	1026.3	1204.1	1411.6	1657.4	1961.9	2337.2	2799.4	3364.0	4082.7	5010.5	6062.8
-20°	1000.3	1169.1	1366.0	1593.2	1876.4	2229.7	2660.2	3183.3	3830.6	4644.7	5613.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627853 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-722-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	970.7	1129.5	1317.9	1533.9	1799.7	2123.9	2512.6	2978.6	3547.4	4235.1	5126.5
-25°	939.2	1092.8	1269.4	1471.8	1713.9	2006.7	2352.1	2759.3	3273.9	3886.7	4630.0
-27.5°	906.0	1052.6	1215.7	1402.8	1618.7	1885.7	2204.2	2571.9	3005.0	3518.9	4123.1
-30°	870.0	1008.4	1157.3	1330.4	1532.3	1773.6	2055.0	2368.6	2736.2	3191.0	3708.2
-32.5°	831.1	961.1	1102.0	1262.0	1443.5	1652.0	1899.6	2183.4	2502.9	2865.5	3306.1
-35°	792.4	915.2	1046.4	1188.9	1349.3	1540.2	1758.2	1999.3	2269.3	2587.7	2939.8
-37.5°	756.0	866.7	987.4	1117.5	1265.6	1430.3	1612.6	1830.8	2065.2	2312.0	2613.8
-40°	717.2	815.8	930.2	1050.1	1177.7	1324.0	1489.1	1667.1	1870.2	2087.3	2309.1
-42.5°	677.1	770.6	872.2	979.5	1097.2	1225.1	1362.4	1522.7	1689.2	1872.5	2067.7
-45°	642.3	723.3	813.4	913.7	1017.2	1128.5	1252.5	1380.0	1527.6	1675.7	1842.1
-47.5°	606.0	676.4	759.4	845.8	940.0	1038.9	1143.2	1259.2	1374.9	1506.0	1632.6
-50°	569.2	635.2	703.1	782.7	864.9	951.8	1043.9	1141.5	1245.6	1349.7	1460.1
-52.5°	534.0	592.6	653.6	720.1	793.6	869.6	949.4	1033.2	1122.6	1212.5	1303.7
-55°	497.9	551.8	603.7	661.8	724.8	792.1	860.1	933.2	1005.0	1085.9	1160.6
-57.5°	464.1	509.8	555.5	604.5	659.5	716.9	777.0	837.3	902.3	966.6	1028.0
-60°	431.6	468.5	508.1	550.3	594.4	644.6	694.7	748.2	802.6	855.7	909.8
-62.5°	397.7	427.4	460.0	497.3	535.5	572.4	615.2	660.2	705.7	749.8	793.5
-65°	357.7	384.0	410.3	441.2	476.5	505.9	537.8	572.8	611.7	646.9	679.0
-67.5°	315.9	339.2	360.8	382.0	409.2	435.1	461.0	487.9	517.6	548.9	576.5
-70°	270.8	293.8	313.0	330.2	345.1	361.3	382.1	402.7	426.3	456.1	483.4
-72.5°	225.2	245.9	264.0	279.6	289.3	296.8	306.6	318.6	341.0	370.8	397.1
-75°	182.0	198.2	214.4	228.5	234.6	235.1	234.4	238.3	260.5	290.8	317.6
-77.5°	140.6	154.0	166.5	178.0	181.3	180.8	178.7	175.0	191.8	217.8	244.7
-80°	101.3	109.7	119.5	128.6	130.7	129.8	127.0	122.4	135.6	154.3	174.5
-82.5°	66.1	71.8	77.2	82.3	82.8	81.5	79.0	76.1	86.1	98.3	110.9
-85°	33.9	33.9	36.7	39.3	40.5	40.6	39.8	38.1	43.0	48.7	54.7
-87.5°	16.9	16.9	16.7	16.2	15.5	14.5	13.3	12.0	12.5	12.9	13.4
-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: P627853 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-722-U-WR-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°	13.8	13.5	13.0	12.5	11.9	11.7	11.5	11.2	10.9	10.1	9.3
85°	61.0	62.4	63.1	63.5	63.5	65.6	67.5	69.2	70.7	64.1	56.8
82.5°	124.1	129.9	135.1	140.2	145.2	148.6	151.2	153.1	154.3	139.7	123.3
80°	195.4	207.6	217.7	227.4	236.7	239.0	239.0	237.7	235.1	215.1	192.4
77.5°	271.7	287.8	300.5	313.1	325.5	330.1	332.3	334.0	335.1	310.4	279.9
75°	341.0	360.1	377.9	394.4	409.6	417.8	422.5	426.4	429.4	404.5	371.9
72.5°	420.0	440.2	459.4	477.7	493.9	504.6	511.6	517.3	521.8	507.7	487.2
70°	506.8	527.7	548.1	567.1	585.4	599.8	611.1	620.8	628.9	630.5	629.8
67.5°	603.2	627.9	652.1	672.9	694.6	714.9	732.8	747.6	759.5	767.3	771.7
65°	711.4	748.6	781.6	809.6	833.1	860.2	884.1	902.4	915.3	925.1	933.5
62.5°	838.9	884.0	921.8	959.1	997.6	1035.1	1058.5	1082.0	1105.0	1126.7	1145.2
60°	961.7	1011.1	1062.2	1109.9	1154.1	1194.7	1236.7	1274.0	1306.6	1333.9	1354.2
57.5°	1092.5	1152.6	1210.7	1271.3	1328.3	1381.5	1433.4	1481.4	1522.8	1557.6	1586.1
55°	1234.4	1307.9	1377.1	1454.0	1528.5	1596.5	1659.1	1723.2	1781.0	1831.9	1872.2
52.5°	1387.5	1483.0	1574.7	1665.0	1761.6	1848.7	1926.8	2015.7	2094.5	2159.7	2210.5
50°	1570.2	1682.5	1803.5	1915.4	2037.2	2157.2	2267.9	2375.0	2479.8	2570.5	2643.8
47.5°	1778.3	1916.5	2066.3	2214.7	2365.9	2530.0	2676.4	2812.4	2958.9	3086.2	3188.2
45°	2009.6	2185.8	2366.8	2575.3	2767.4	2978.1	3173.2	3348.4	3556.2	3739.3	3886.7
42.5°	2266.2	2500.9	2738.9	3001.6	3256.4	3524.0	3808.2	4060.3	4335.9	4598.7	4811.1
40°	2584.3	2864.9	3183.6	3501.5	3867.2	4210.8	4624.8	5001.1	5342.8	5656.1	5912.9
37.5°	2937.7	3298.9	3699.3	4113.4	4613.9	5104.4	5589.1	6046.6	6450.5	6793.5	7081.2
35°	3339.0	3797.9	4282.9	4887.4	5473.8	6061.4	6608.7	7108.8	7548.1	7935.1	8264.1
32.5°	3800.5	4351.4	5030.2	5709.3	6378.2	7025.2	7626.1	8171.5	8653.3	9087.8	9466.2
30°	4285.8	5037.4	5799.3	6544.3	7274.8	7983.4	8643.0	9243.7	9788.2	10271.8	10707.7
27.5°	4902.4	5735.3	6566.1	7369.2	8172.9	8948.4	9663.2	10330.6	10955.3	11502.0	12000.2
25°	5498.8	6419.0	7302.1	8177.8	9052.7	9885.3	10684.5	11438.3	12153.8	12781.2	13337.5
22.5°	6095.2	7058.2	8002.0	8943.5	9883.3	10811.6	11709.0	12572.6	13372.7	14087.1	14713.4
20°	6647.5	7654.2	8663.5	9678.5	10697.2	11713.2	12721.2	13693.1	14584.5	15409.3	16134.1
17.5°	7142.6	8213.4	9283.3	10369.0	11473.4	12576.5	13696.2	14785.7	15804.7	16743.2	17584.0
15°	7581.1	8698.4	9847.5	11019.1	12205.0	13403.0	14624.8	15843.7	16990.9	18056.8	18995.5
12.5°	7964.5	9126.1	10330.5	11575.4	12862.4	14167.5	15500.9	16837.0	18107.0	19337.6	20351.2
10°	8280.9	9489.8	10748.7	12056.7	13414.0	14818.6	16249.2	17687.5	19086.6	20392.0	21551.1
7.5°	8525.2	9779.4	11076.6	12437.0	13861.0	15342.3	16857.6	18384.0	19877.1	21283.7	22566.2
5°	8697.5	9990.2	11303.7	12718.8	14192.2	15727.3	17302.3	18892.8	20453.7	21932.7	23261.9
2.5°	8797.5	10116.8	11436.0	12890.1	14389.3	15960.3	17578.0	19194.7	20796.8	22330.7	23696.6
0°	8823.9	10154.7	11511.8	12908.3	14451.2	16069.2	17629.0	19250.8	20915.7	22428.6	23789.4
-2.5°	8797.5	10116.8	11436.0	12890.1	14389.3	15960.3	17578.0	19194.7	20796.8	22330.7	23696.6
-5°	8697.5	9990.2	11303.7	12718.8	14192.2	15727.3	17302.3	18892.8	20453.7	21932.7	23261.9
-7.5°	8525.2	9779.4	11076.6	12437.0	13861.0	15342.3	16857.6	18384.0	19877.1	21283.7	22566.2
-10°	8280.9	9489.8	10748.7	12056.7	13414.0	14818.6	16249.2	17687.5	19086.6	20392.0	21551.1
-12.5°	7964.5	9126.1	10330.5	11575.4	12862.4	14167.5	15500.9	16837.0	18107.0	19337.6	20351.2
-15°	7581.1	8698.4	9847.5	11019.1	12205.0	13403.0	14624.8	15843.7	16990.9	18056.8	18995.5
-17.5°	7142.6	8213.4	9283.3	10369.0	11473.4	12576.5	13696.2	14785.7	15804.7	16743.2	17584.0
-20°	6647.5	7654.2	8663.5	9678.5	10697.2	11713.2	12721.2	13693.1	14584.5	15409.3	16134.1



REPORT NUMBER: P627853 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-722-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	6095.2	7058.2	8002.0	8943.5	9883.3	10811.6	11709.0	12572.6	13372.7	14087.1	14713.4
-25°	5498.8	6419.0	7302.1	8177.8	9052.7	9885.3	10684.5	11438.3	12153.8	12781.2	13337.5
-27.5°	4902.4	5735.3	6566.1	7369.2	8172.9	8948.4	9663.2	10330.6	10955.3	11502.0	12000.2
-30°	4285.8	5037.4	5799.3	6544.3	7274.8	7983.4	8643.0	9243.7	9788.2	10271.8	10707.7
-32.5°	3800.5	4351.4	5030.2	5709.3	6378.2	7025.2	7626.1	8171.5	8653.3	9087.8	9466.2
-35°	3339.0	3797.9	4282.9	4887.4	5473.8	6061.4	6608.7	7108.8	7548.1	7935.1	8264.1
-37.5°	2937.7	3298.9	3699.3	4113.4	4613.9	5104.4	5589.1	6046.6	6450.5	6793.5	7081.2
-40°	2584.3	2864.9	3183.6	3501.5	3867.2	4210.8	4624.8	5001.1	5342.8	5656.1	5912.9
-42.5°	2266.2	2500.9	2738.9	3001.6	3256.4	3524.0	3808.2	4060.3	4335.9	4598.7	4811.1
-45°	2009.6	2185.8	2366.8	2575.3	2767.4	2978.1	3173.2	3348.4	3556.2	3739.3	3886.7
-47.5°	1778.3	1916.5	2066.3	2214.7	2365.9	2530.0	2676.4	2812.4	2958.9	3086.2	3188.2
-50°	1570.2	1682.5	1803.5	1915.4	2037.2	2157.2	2267.9	2375.0	2479.8	2570.5	2643.8
-52.5°	1387.5	1483.0	1574.7	1665.0	1761.6	1848.7	1926.8	2015.7	2094.5	2159.7	2210.5
-55°	1234.4	1307.9	1377.1	1454.0	1528.5	1596.5	1659.1	1723.2	1781.0	1831.9	1872.2
-57.5°	1092.5	1152.6	1210.7	1271.3	1328.3	1381.5	1433.4	1481.4	1522.8	1557.6	1586.1
-60°	961.7	1011.1	1062.2	1109.9	1154.1	1194.7	1236.7	1274.0	1306.6	1333.9	1354.2
-62.5°	838.9	884.0	921.8	959.1	997.6	1035.1	1058.5	1082.0	1105.0	1126.7	1145.2
-65°	711.4	748.6	781.6	809.6	833.1	860.2	884.1	902.4	915.3	925.1	933.5
-67.5°	603.2	627.9	652.1	672.9	694.6	714.9	732.8	747.6	759.5	767.3	771.7
-70°	506.8	527.7	548.1	567.1	585.4	599.8	611.1	620.8	628.9	630.5	629.8
-72.5°	420.0	440.2	459.4	477.7	493.9	504.6	511.6	517.3	521.8	507.7	487.2
-75°	341.0	360.1	377.9	394.4	409.6	417.8	422.5	426.4	429.4	404.5	371.9
-77.5°	271.7	287.8	300.5	313.1	325.5	330.1	332.3	334.0	335.1	310.4	279.9
-80°	195.4	207.6	217.7	227.4	236.7	239.0	239.0	237.7	235.1	215.1	192.4
-82.5°	124.1	129.9	135.1	140.2	145.2	148.6	151.2	153.1	154.3	139.7	123.3
-85°	61.0	62.4	63.1	63.5	63.5	65.6	67.5	69.2	70.7	64.1	56.8
-87.5°	13.8	13.5	13.0	12.5	11.9	11.7	11.5	11.2	10.9	10.1	9.3
-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: P627853 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-722-U-WR-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°	8.4	7.5	6.5	5.6	6.5	7.5	8.4	9.3	10.1	10.9	11.2
85°	49.1	41.1	40.3	39.4	40.3	41.1	49.1	56.8	64.1	70.7	69.2
82.5°	106.0	88.0	85.3	82.6	85.3	88.0	106.0	123.3	139.7	154.3	153.1
80°	168.8	144.4	139.7	135.1	139.7	144.4	168.8	192.4	215.1	235.1	237.7
77.5°	247.8	214.3	204.5	195.2	204.5	214.3	247.8	279.9	310.4	335.1	334.0
75°	337.9	302.7	290.8	279.7	290.8	302.7	337.9	371.9	404.5	429.4	426.4
72.5°	466.5	445.1	423.5	399.8	423.5	445.1	466.5	487.2	507.7	521.8	517.3
70°	629.2	627.7	622.2	613.8	622.2	627.7	629.2	629.8	630.5	628.9	620.8
67.5°	773.6	773.0	774.9	775.2	774.9	773.0	773.6	771.7	767.3	759.5	747.6
65°	938.6	940.4	944.3	946.0	944.3	940.4	938.6	933.5	925.1	915.3	902.4
62.5°	1159.4	1169.0	1173.7	1173.1	1173.7	1169.0	1159.4	1145.2	1126.7	1105.0	1082.0
60°	1369.4	1379.3	1385.5	1387.1	1385.5	1379.3	1369.4	1354.2	1333.9	1306.6	1274.0
57.5°	1608.7	1625.0	1633.6	1634.9	1633.6	1625.0	1608.7	1586.1	1557.6	1522.8	1481.4
55°	1903.2	1924.7	1934.4	1933.3	1934.4	1924.7	1903.2	1872.2	1831.9	1781.0	1723.2
52.5°	2248.8	2275.2	2294.9	2306.9	2294.9	2275.2	2248.8	2210.5	2159.7	2094.5	2015.7
50°	2698.9	2736.7	2760.7	2770.5	2760.7	2736.7	2698.9	2643.8	2570.5	2479.8	2375.0
47.5°	3262.0	3312.0	3349.0	3374.9	3349.0	3312.0	3262.0	3188.2	3086.2	2958.9	2812.4
45°	3995.5	4071.8	4123.6	4153.9	4123.6	4071.8	3995.5	3886.7	3739.3	3556.2	3348.4
42.5°	4976.9	5095.3	5167.8	5195.6	5167.8	5095.3	4976.9	4811.1	4598.7	4335.9	4060.3
40°	6115.7	6257.9	6351.2	6415.7	6351.2	6257.9	6115.7	5912.9	5656.1	5342.8	5001.1
37.5°	7302.0	7451.3	7542.1	7603.8	7542.1	7451.3	7302.0	7081.2	6793.5	6450.5	6046.6
35°	8512.2	8668.5	8753.7	8801.4	8753.7	8668.5	8512.2	8264.1	7935.1	7548.1	7108.8
32.5°	9754.6	9926.8	10019.5	10115.3	10019.5	9926.8	9754.6	9466.2	9087.8	8653.3	8171.5
30°	11052.1	11249.8	11346.8	11393.5	11346.8	11249.8	11052.1	10707.7	10271.8	9788.2	9243.7
27.5°	12402.4	12648.8	12770.2	12850.1	12770.2	12648.8	12402.4	12000.2	11502.0	10955.3	10330.6
25°	13807.3	14112.7	14251.7	14376.1	14251.7	14112.7	13807.3	13337.5	12781.2	12153.8	11438.3
22.5°	15265.0	15645.3	15806.3	15894.7	15806.3	15645.3	15265.0	14713.4	14087.1	13372.7	12572.6
20°	16760.8	17215.1	17438.8	17553.9	17438.8	17215.1	16760.8	16134.1	15409.3	14584.5	13693.1
17.5°	18290.3	18855.4	19144.9	19211.4	19144.9	18855.4	18290.3	17584.0	16743.2	15804.7	14785.7
15°	19791.8	20403.1	20745.3	20870.6	20745.3	20403.1	19791.8	18995.5	18056.8	16990.9	15843.7
12.5°	21213.7	21847.4	22256.3	22329.1	22256.3	21847.4	21213.7	20351.2	19337.6	18107.0	16837.0
10°	22503.4	23159.8	23611.4	23714.3	23611.4	23159.8	22503.4	21551.1	20392.0	19086.6	17687.5
7.5°	23581.5	24301.7	24800.7	24887.5	24800.7	24301.7	23581.5	22566.2	21283.7	19877.1	18384.0
5°	24370.4	25225.4	25635.0	25737.8	25635.0	25225.4	24370.4	23261.9	21932.7	20453.7	18892.8
2.5°	24803.1	25673.5	26242.8	26177.0	26242.8	25673.5	24803.1	23696.6	22330.7	20796.8	19194.7
0°	24851.8	25762.2	26306.5	26558.0	26306.5	25762.2	24851.8	23789.4	22428.6	20915.7	19250.8
-2.5°	24803.1	25673.5	26242.8	26177.0	26242.8	25673.5	24803.1	23696.6	22330.7	20796.8	19194.7
-5°	24370.4	25225.4	25635.0	25737.8	25635.0	25225.4	24370.4	23261.9	21932.7	20453.7	18892.8
-7.5°	23581.5	24301.7	24800.7	24887.5	24800.7	24301.7	23581.5	22566.2	21283.7	19877.1	18384.0
-10°	22503.4	23159.8	23611.4	23714.3	23611.4	23159.8	22503.4	21551.1	20392.0	19086.6	17687.5
-12.5°	21213.7	21847.4	22256.3	22329.1	22256.3	21847.4	21213.7	20351.2	19337.6	18107.0	16837.0
-15°	19791.8	20403.1	20745.3	20870.6	20745.3	20403.1	19791.8	18995.5	18056.8	16990.9	15843.7
-17.5°	18290.3	18855.4	19144.9	19211.4	19144.9	18855.4	18290.3	17584.0	16743.2	15804.7	14785.7
-20°	16760.8	17215.1	17438.8	17553.9	17438.8	17215.1	16760.8	16134.1	15409.3	14584.5	13693.1



REPORT NUMBER: P627853 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-722-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	15265.0	15645.3	15806.3	15894.7	15806.3	15645.3	15265.0	14713.4	14087.1	13372.7	12572.6
-25°	13807.3	14112.7	14251.7	14376.1	14251.7	14112.7	13807.3	13337.5	12781.2	12153.8	11438.3
-27.5°	12402.4	12648.8	12770.2	12850.1	12770.2	12648.8	12402.4	12000.2	11502.0	10955.3	10330.6
-30°	11052.1	11249.8	11346.8	11393.5	11346.8	11249.8	11052.1	10707.7	10271.8	9788.2	9243.7
-32.5°	9754.6	9926.8	10019.5	10115.3	10019.5	9926.8	9754.6	9466.2	9087.8	8653.3	8171.5
-35°	8512.2	8668.5	8753.7	8801.4	8753.7	8668.5	8512.2	8264.1	7935.1	7548.1	7108.8
-37.5°	7302.0	7451.3	7542.1	7603.8	7542.1	7451.3	7302.0	7081.2	6793.5	6450.5	6046.6
-40°	6115.7	6257.9	6351.2	6415.7	6351.2	6257.9	6115.7	5912.9	5656.1	5342.8	5001.1
-42.5°	4976.9	5095.3	5167.8	5195.6	5167.8	5095.3	4976.9	4811.1	4598.7	4335.9	4060.3
-45°	3995.5	4071.8	4123.6	4153.9	4123.6	4071.8	3995.5	3886.7	3739.3	3556.2	3348.4
-47.5°	3262.0	3312.0	3349.0	3374.9	3349.0	3312.0	3262.0	3188.2	3086.2	2958.9	2812.4
-50°	2698.9	2736.7	2760.7	2770.5	2760.7	2736.7	2698.9	2643.8	2570.5	2479.8	2375.0
-52.5°	2248.8	2275.2	2294.9	2306.9	2294.9	2275.2	2248.8	2210.5	2159.7	2094.5	2015.7
-55°	1903.2	1924.7	1934.4	1933.3	1934.4	1924.7	1903.2	1872.2	1831.9	1781.0	1723.2
-57.5°	1608.7	1625.0	1633.6	1634.9	1633.6	1625.0	1608.7	1586.1	1557.6	1522.8	1481.4
-60°	1369.4	1379.3	1385.5	1387.1	1385.5	1379.3	1369.4	1354.2	1333.9	1306.6	1274.0
-62.5°	1159.4	1169.0	1173.7	1173.1	1173.7	1169.0	1159.4	1145.2	1126.7	1105.0	1082.0
-65°	938.6	940.4	944.3	946.0	944.3	940.4	938.6	933.5	925.1	915.3	902.4
-67.5°	773.6	773.0	774.9	775.2	774.9	773.0	773.6	771.7	767.3	759.5	747.6
-70°	629.2	627.7	622.2	613.8	622.2	627.7	629.2	629.8	630.5	628.9	620.8
-72.5°	466.5	445.1	423.5	399.8	423.5	445.1	466.5	487.2	507.7	521.8	517.3
-75°	337.9	302.7	290.8	279.7	290.8	302.7	337.9	371.9	404.5	429.4	426.4
-77.5°	247.8	214.3	204.5	195.2	204.5	214.3	247.8	279.9	310.4	335.1	334.0
-80°	168.8	144.4	139.7	135.1	139.7	144.4	168.8	192.4	215.1	235.1	237.7
-82.5°	106.0	88.0	85.3	82.6	85.3	88.0	106.0	123.3	139.7	154.3	153.1
-85°	49.1	41.1	40.3	39.4	40.3	41.1	49.1	56.8	64.1	70.7	69.2
-87.5°	8.4	7.5	6.5	5.6	6.5	7.5	8.4	9.3	10.1	10.9	11.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P627853 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-722-U-WR-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°	11.5	11.7	11.9	12.5	13.0	13.5	13.8	13.4	12.9	12.5	12.0
85°	67.5	65.6	63.5	63.5	63.1	62.4	61.0	54.7	48.7	43.0	38.1
82.5°	151.2	148.6	145.2	140.2	135.1	129.9	124.1	110.9	98.3	86.1	76.1
80°	239.0	239.0	236.7	227.4	217.7	207.6	195.4	174.5	154.3	135.6	122.4
77.5°	332.3	330.1	325.5	313.1	300.5	287.8	271.7	244.7	217.8	191.8	175.0
75°	422.5	417.8	409.6	394.4	377.9	360.1	341.0	317.6	290.8	260.5	238.3
72.5°	511.6	504.6	493.9	477.7	459.4	440.2	420.0	397.1	370.8	341.0	318.6
70°	611.1	599.8	585.4	567.1	548.1	527.7	506.8	483.4	456.1	426.3	402.7
67.5°	732.8	714.9	694.6	672.9	652.1	627.9	603.2	576.5	548.9	517.6	487.9
65°	884.1	860.2	833.1	809.6	781.6	748.6	711.4	679.0	646.9	611.7	572.8
62.5°	1058.5	1035.1	997.6	959.1	921.8	884.0	838.9	793.5	749.8	705.7	660.2
60°	1236.7	1194.7	1154.1	1109.9	1062.2	1011.1	961.7	909.8	855.7	802.6	748.2
57.5°	1433.4	1381.5	1328.3	1271.3	1210.7	1152.6	1092.5	1028.0	966.6	902.3	837.3
55°	1659.1	1596.5	1528.5	1454.0	1377.1	1307.9	1234.4	1160.6	1085.9	1005.0	933.2
52.5°	1926.8	1848.7	1761.6	1665.0	1574.7	1483.0	1387.5	1303.7	1212.5	1122.6	1033.2
50°	2267.9	2157.2	2037.2	1915.4	1803.5	1682.5	1570.2	1460.1	1349.7	1245.6	1141.5
47.5°	2676.4	2530.0	2365.9	2214.7	2066.3	1916.5	1778.3	1632.6	1506.0	1374.9	1259.2
45°	3173.2	2978.1	2767.4	2575.3	2366.8	2185.8	2009.6	1842.1	1675.7	1527.6	1380.0
42.5°	3808.2	3524.0	3256.4	3001.6	2738.9	2500.9	2266.2	2067.7	1872.5	1689.2	1522.7
40°	4624.8	4210.8	3867.2	3501.5	3183.6	2864.9	2584.3	2309.1	2087.3	1870.2	1667.1
37.5°	5589.1	5104.4	4613.9	4113.4	3699.3	3298.9	2937.7	2613.8	2312.0	2065.2	1830.8
35°	6608.7	6061.4	5473.8	4887.4	4282.9	3797.9	3339.0	2939.8	2587.7	2269.3	1999.3
32.5°	7626.1	7025.2	6378.2	5709.3	5030.2	4351.4	3800.5	3306.1	2865.5	2502.9	2183.4
30°	8643.0	7983.4	7274.8	6544.3	5799.3	5037.4	4285.8	3708.2	3191.0	2736.2	2368.6
27.5°	9663.2	8948.4	8172.9	7369.2	6566.1	5735.3	4902.4	4123.1	3518.9	3005.0	2571.9
25°	10684.5	9885.3	9052.7	8177.8	7302.1	6419.0	5498.8	4630.0	3886.7	3273.9	2759.3
22.5°	11709.0	10811.6	9883.3	8943.5	8002.0	7058.2	6095.2	5126.5	4235.1	3547.4	2978.6
20°	12721.2	11713.2	10697.2	9678.5	8663.5	7654.2	6647.5	5613.5	4644.7	3830.6	3183.3
17.5°	13696.2	12576.5	11473.4	10369.0	9283.3	8213.4	7142.6	6062.8	5010.5	4082.7	3364.0
15°	14624.8	13403.0	12205.0	11019.1	9847.5	8698.4	7581.1	6457.3	5343.2	4345.6	3562.2
12.5°	15500.9	14167.5	12862.4	11575.4	10330.5	9126.1	7964.5	6803.6	5656.5	4601.7	3738.8
10°	16249.2	14818.6	13414.0	12056.7	10748.7	9489.8	8280.9	7096.7	5925.1	4814.8	3883.3
7.5°	16857.6	15342.3	13861.0	12437.0	11076.6	9779.4	8525.2	7321.5	6137.8	4981.4	3994.8
5°	17302.3	15727.3	14192.2	12718.8	11303.7	9990.2	8697.5	7475.3	6291.9	5099.9	4072.7
2.5°	17578.0	15960.3	14389.3	12890.1	11436.0	10116.8	8797.5	7568.2	6379.8	5165.0	4121.7
0°	17629.0	16069.2	14451.2	12908.3	11511.8	10154.7	8823.9	7602.0	6402.5	5178.7	4137.0
-2.5°	17578.0	15960.3	14389.3	12890.1	11436.0	10116.8	8797.5	7568.2	6379.8	5165.0	4121.7
-5°	17302.3	15727.3	14192.2	12718.8	11303.7	9990.2	8697.5	7475.3	6291.9	5099.9	4072.7
-7.5°	16857.6	15342.3	13861.0	12437.0	11076.6	9779.4	8525.2	7321.5	6137.8	4981.4	3994.8
-10°	16249.2	14818.6	13414.0	12056.7	10748.7	9489.8	8280.9	7096.7	5925.1	4814.8	3883.3
-12.5°	15500.9	14167.5	12862.4	11575.4	10330.5	9126.1	7964.5	6803.6	5656.5	4601.7	3738.8
-15°	14624.8	13403.0	12205.0	11019.1	9847.5	8698.4	7581.1	6457.3	5343.2	4345.6	3562.2
-17.5°	13696.2	12576.5	11473.4	10369.0	9283.3	8213.4	7142.6	6062.8	5010.5	4082.7	3364.0
-20°	12721.2	11713.2	10697.2	9678.5	8663.5	7654.2	6647.5	5613.5	4644.7	3830.6	3183.3



REPORT NUMBER: P627853 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-722-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	11709.0	10811.6	9883.3	8943.5	8002.0	7058.2	6095.2	5126.5	4235.1	3547.4	2978.6
-25°	10684.5	9885.3	9052.7	8177.8	7302.1	6419.0	5498.8	4630.0	3886.7	3273.9	2759.3
-27.5°	9663.2	8948.4	8172.9	7369.2	6566.1	5735.3	4902.4	4123.1	3518.9	3005.0	2571.9
-30°	8643.0	7983.4	7274.8	6544.3	5799.3	5037.4	4285.8	3708.2	3191.0	2736.2	2368.6
-32.5°	7626.1	7025.2	6378.2	5709.3	5030.2	4351.4	3800.5	3306.1	2865.5	2502.9	2183.4
-35°	6608.7	6061.4	5473.8	4887.4	4282.9	3797.9	3339.0	2939.8	2587.7	2269.3	1999.3
-37.5°	5589.1	5104.4	4613.9	4113.4	3699.3	3298.9	2937.7	2613.8	2312.0	2065.2	1830.8
-40°	4624.8	4210.8	3867.2	3501.5	3183.6	2864.9	2584.3	2309.1	2087.3	1870.2	1667.1
-42.5°	3808.2	3524.0	3256.4	3001.6	2738.9	2500.9	2266.2	2067.7	1872.5	1689.2	1522.7
-45°	3173.2	2978.1	2767.4	2575.3	2366.8	2185.8	2009.6	1842.1	1675.7	1527.6	1380.0
-47.5°	2676.4	2530.0	2365.9	2214.7	2066.3	1916.5	1778.3	1632.6	1506.0	1374.9	1259.2
-50°	2267.9	2157.2	2037.2	1915.4	1803.5	1682.5	1570.2	1460.1	1349.7	1245.6	1141.5
-52.5°	1926.8	1848.7	1761.6	1665.0	1574.7	1483.0	1387.5	1303.7	1212.5	1122.6	1033.2
-55°	1659.1	1596.5	1528.5	1454.0	1377.1	1307.9	1234.4	1160.6	1085.9	1005.0	933.2
-57.5°	1433.4	1381.5	1328.3	1271.3	1210.7	1152.6	1092.5	1028.0	966.6	902.3	837.3
-60°	1236.7	1194.7	1154.1	1109.9	1062.2	1011.1	961.7	909.8	855.7	802.6	748.2
-62.5°	1058.5	1035.1	997.6	959.1	921.8	884.0	838.9	793.5	749.8	705.7	660.2
-65°	884.1	860.2	833.1	809.6	781.6	748.6	711.4	679.0	646.9	611.7	572.8
-67.5°	732.8	714.9	694.6	672.9	652.1	627.9	603.2	576.5	548.9	517.6	487.9
-70°	611.1	599.8	585.4	567.1	548.1	527.7	506.8	483.4	456.1	426.3	402.7
-72.5°	511.6	504.6	493.9	477.7	459.4	440.2	420.0	397.1	370.8	341.0	318.6
-75°	422.5	417.8	409.6	394.4	377.9	360.1	341.0	317.6	290.8	260.5	238.3
-77.5°	332.3	330.1	325.5	313.1	300.5	287.8	271.7	244.7	217.8	191.8	175.0
-80°	239.0	239.0	236.7	227.4	217.7	207.6	195.4	174.5	154.3	135.6	122.4
-82.5°	151.2	148.6	145.2	140.2	135.1	129.9	124.1	110.9	98.3	86.1	76.1
-85°	67.5	65.6	63.5	63.5	63.1	62.4	61.0	54.7	48.7	43.0	38.1
-87.5°	11.5	11.7	11.9	12.5	13.0	13.5	13.8	13.4	12.9	12.5	12.0
-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: P627853 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-722-U-WR-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°	13.3	14.5	15.5	16.2	16.7	16.9	16.9	16.7	16.0	15.1	14.0
85°	39.8	40.6	40.5	39.3	36.7	33.9	33.9	33.3	32.0	30.2	27.9
82.5°	79.0	81.5	82.8	82.3	77.2	71.8	66.1	60.0	53.5	46.2	41.9
80°	127.0	129.8	130.7	128.6	119.5	109.7	101.3	92.6	84.0	74.4	63.6
77.5°	178.7	180.8	181.3	178.0	166.5	154.0	140.6	126.5	114.5	102.5	89.1
75°	234.4	235.1	234.6	228.5	214.4	198.2	182.0	164.5	147.0	130.7	114.6
72.5°	306.6	296.8	289.3	279.6	264.0	245.9	225.2	201.9	179.7	158.9	139.5
70°	382.1	361.3	345.1	330.2	313.0	293.8	270.8	241.6	211.9	186.7	163.1
67.5°	461.0	435.1	409.2	382.0	360.8	339.2	315.9	280.8	245.2	213.9	186.2
65°	537.8	505.9	476.5	441.2	410.3	384.0	357.7	317.9	277.3	240.7	208.8
62.5°	615.2	572.4	535.5	497.3	460.0	427.4	397.7	352.4	308.0	266.5	230.2
60°	694.7	644.6	594.4	550.3	508.1	468.5	431.6	385.9	337.8	291.0	250.5
57.5°	777.0	716.9	659.5	604.5	555.5	509.8	464.1	416.8	366.5	315.9	268.7
55°	860.1	792.1	724.8	661.8	603.7	551.8	497.9	446.3	394.1	340.2	283.2
52.5°	949.4	869.6	793.6	720.1	653.6	592.6	534.0	475.2	420.4	363.6	299.1
50°	1043.9	951.8	864.9	782.7	703.1	635.2	569.2	506.8	446.0	386.1	314.0
47.5°	1143.2	1038.9	940.0	845.8	759.4	676.4	606.0	537.9	470.9	408.3	327.6
45°	1252.5	1128.5	1017.2	913.7	813.4	723.3	642.3	568.0	497.8	424.3	339.8
42.5°	1362.4	1225.1	1097.2	979.5	872.2	770.6	677.1	599.1	523.8	438.9	351.7
40°	1489.1	1324.0	1177.7	1050.1	930.2	815.8	717.2	629.2	548.0	453.3	363.3
37.5°	1612.6	1430.3	1265.6	1117.5	987.4	866.7	756.0	657.8	567.1	469.1	373.8
35°	1758.2	1540.2	1349.3	1188.9	1046.4	915.2	792.4	687.0	588.0	484.3	383.1
32.5°	1899.6	1652.0	1443.5	1262.0	1102.0	961.1	831.1	716.9	609.3	498.7	391.3
30°	2055.0	1773.6	1532.3	1330.4	1157.3	1008.4	870.0	745.0	630.8	512.4	399.3
27.5°	2204.2	1885.7	1618.7	1402.8	1215.7	1052.6	906.0	771.4	652.3	526.6	409.2
25°	2352.1	2006.7	1713.9	1471.8	1269.4	1092.8	939.2	796.0	673.4	542.5	418.0
22.5°	2512.6	2123.9	1799.7	1533.9	1317.9	1129.5	970.7	823.0	692.8	557.7	425.8
20°	2660.2	2229.7	1876.4	1593.2	1366.0	1169.1	1000.3	847.1	710.2	572.0	432.4
17.5°	2799.4	2337.2	1961.9	1657.4	1411.6	1204.1	1026.3	868.3	725.6	585.1	437.7
15°	2945.5	2444.1	2038.8	1713.0	1451.0	1234.2	1048.7	886.5	738.9	596.9	442.8
12.5°	3070.2	2534.4	2103.5	1759.8	1484.2	1259.4	1067.4	901.7	749.9	607.0	447.3
10°	3173.0	2607.8	2155.6	1797.6	1510.8	1279.6	1082.2	914.0	759.1	614.8	449.8
7.5°	3253.1	2663.9	2195.1	1826.2	1531.3	1295.4	1094.6	923.5	766.3	620.2	450.3
5°	3309.1	2702.9	2224.0	1846.2	1546.8	1306.8	1103.4	929.9	771.1	623.2	449.0
2.5°	3338.4	2725.1	2241.8	1856.9	1555.7	1312.9	1108.3	933.0	773.5	623.6	445.9
0°	3343.0	2729.2	2246.8	1858.3	1557.9	1313.9	1109.3	932.9	773.3	621.3	441.1
-2.5°	3338.4	2725.1	2241.8	1856.9	1555.7	1312.9	1108.3	933.0	773.5	623.6	445.9
-5°	3309.1	2702.9	2224.0	1846.2	1546.8	1306.8	1103.4	929.9	771.1	623.2	449.0
-7.5°	3253.1	2663.9	2195.1	1826.2	1531.3	1295.4	1094.6	923.5	766.3	620.2	450.3
-10°	3173.0	2607.8	2155.6	1797.6	1510.8	1279.6	1082.2	914.0	759.1	614.8	449.8
-12.5°	3070.2	2534.4	2103.5	1759.8	1484.2	1259.4	1067.4	901.7	749.9	607.0	447.3
-15°	2945.5	2444.1	2038.8	1713.0	1451.0	1234.2	1048.7	886.5	738.9	596.9	442.8
-17.5°	2799.4	2337.2	1961.9	1657.4	1411.6	1204.1	1026.3	868.3	725.6	585.1	437.7
-20°	2660.2	2229.7	1876.4	1593.2	1366.0	1169.1	1000.3	847.1	710.2	572.0	432.4



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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°	2512.6	2123.9	1799.7	1533.9	1317.9	1129.5	970.7	823.0	692.8	557.7	425.8
-25°	2352.1	2006.7	1713.9	1471.8	1269.4	1092.8	939.2	796.0	673.4	542.5	418.0
-27.5°	2204.2	1885.7	1618.7	1402.8	1215.7	1052.6	906.0	771.4	652.3	526.6	409.2
-30°	2055.0	1773.6	1532.3	1330.4	1157.3	1008.4	870.0	745.0	630.8	512.4	399.3
-32.5°	1899.6	1652.0	1443.5	1262.0	1102.0	961.1	831.1	716.9	609.3	498.7	391.3
-35°	1758.2	1540.2	1349.3	1188.9	1046.4	915.2	792.4	687.0	588.0	484.3	383.1
-37.5°	1612.6	1430.3	1265.6	1117.5	987.4	866.7	756.0	657.8	567.1	469.1	373.8
-40°	1489.1	1324.0	1177.7	1050.1	930.2	815.8	717.2	629.2	548.0	453.3	363.3
-42.5°	1362.4	1225.1	1097.2	979.5	872.2	770.6	677.1	599.1	523.8	438.9	351.7
-45°	1252.5	1128.5	1017.2	913.7	813.4	723.3	642.3	568.0	497.8	424.3	339.8
-47.5°	1143.2	1038.9	940.0	845.8	759.4	676.4	606.0	537.9	470.9	408.3	327.6
-50°	1043.9	951.8	864.9	782.7	703.1	635.2	569.2	506.8	446.0	386.1	314.0
-52.5°	949.4	869.6	793.6	720.1	653.6	592.6	534.0	475.2	420.4	363.6	299.1
-55°	860.1	792.1	724.8	661.8	603.7	551.8	497.9	446.3	394.1	340.2	283.2
-57.5°	777.0	716.9	659.5	604.5	555.5	509.8	464.1	416.8	366.5	315.9	268.7
-60°	694.7	644.6	594.4	550.3	508.1	468.5	431.6	385.9	337.8	291.0	250.5
-62.5°	615.2	572.4	535.5	497.3	460.0	427.4	397.7	352.4	308.0	266.5	230.2
-65°	537.8	505.9	476.5	441.2	410.3	384.0	357.7	317.9	277.3	240.7	208.8
-67.5°	461.0	435.1	409.2	382.0	360.8	339.2	315.9	280.8	245.2	213.9	186.2
-70°	382.1	361.3	345.1	330.2	313.0	293.8	270.8	241.6	211.9	186.7	163.1
-72.5°	306.6	296.8	289.3	279.6	264.0	245.9	225.2	201.9	179.7	158.9	139.5
-75°	234.4	235.1	234.6	228.5	214.4	198.2	182.0	164.5	147.0	130.7	114.6
-77.5°	178.7	180.8	181.3	178.0	166.5	154.0	140.6	126.5	114.5	102.5	89.1
-80°	127.0	129.8	130.7	128.6	119.5	109.7	101.3	92.6	84.0	74.4	63.6
-82.5°	79.0	81.5	82.8	82.3	77.2	71.8	66.1	60.0	53.5	46.2	41.9
-85°	39.8	40.6	40.5	39.3	36.7	33.9	33.9	33.3	32.0	30.2	27.9
-87.5°	13.3	14.5	15.5	16.2	16.7	16.9	16.9	16.7	16.0	15.1	14.0
-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°	12.6	9.8	7.3	5.1	3.1	1.4	0.0
85°	25.2	19.7	14.6	10.2	6.2	2.7	0.0
82.5°	37.7	29.4	21.9	15.2	9.3	4.0	0.0
80°	51.2	39.0	29.1	20.2	12.3	5.4	0.0
77.5°	73.0	50.7	36.1	25.1	15.3	6.7	0.0
75°	94.3	66.3	43.8	29.9	18.3	8.0	0.0
72.5°	114.9	81.4	54.2	34.7	21.2	9.3	0.0
70°	134.3	96.0	64.3	39.6	24.0	10.5	0.0
67.5°	151.3	109.8	73.9	45.8	26.7	11.7	0.0
65°	167.4	122.6	83.1	51.6	29.4	12.9	0.0
62.5°	182.7	134.2	91.7	57.2	32.0	14.1	0.0
60°	196.9	145.2	99.8	62.5	34.4	15.2	0.0
57.5°	209.8	155.4	107.3	67.3	37.4	16.3	0.0
55°	221.7	164.8	114.3	71.9	40.3	17.3	0.0
52.5°	232.5	173.4	120.7	76.0	43.0	18.3	0.0
50°	242.4	181.3	126.5	79.7	45.7	19.2	0.0
47.5°	251.6	188.4	131.8	83.2	48.2	20.1	0.0
45°	261.9	194.7	136.3	86.5	50.6	20.9	0.0
42.5°	271.1	200.2	140.3	89.5	52.8	21.7	0.0
40°	279.1	204.8	143.9	92.8	54.9	22.5	0.0
37.5°	286.0	208.6	147.1	96.2	56.9	23.1	0.0
35°	291.7	212.9	149.6	99.2	58.7	23.8	0.0
32.5°	297.0	216.9	151.6	102.1	60.4	24.3	0.0
30°	302.8	220.1	153.0	104.6	61.9	24.8	0.0
27.5°	307.6	222.3	156.3	106.8	63.2	25.3	0.0
25°	311.3	223.6	159.4	108.8	64.4	25.6	0.0
22.5°	313.9	225.4	162.2	110.4	65.5	26.0	0.0
20°	315.4	229.5	164.6	111.8	66.4	26.2	0.0
17.5°	318.9	232.8	166.6	112.9	67.1	26.4	0.0
15°	323.2	235.5	168.2	113.7	67.7	26.6	0.0
12.5°	326.3	237.4	169.4	114.2	68.0	26.7	0.0
10°	328.2	238.6	170.1	114.4	68.3	26.7	0.0
7.5°	329.0	239.1	170.5	114.4	68.4	26.7	0.0
5°	328.6	238.9	170.4	114.0	68.3	26.6	0.0
2.5°	327.2	238.0	169.8	113.5	68.0	26.5	0.0
0°	324.7	236.5	168.9	112.6	67.6	26.3	0.0
-2.5°	327.2	238.0	169.8	113.5	68.0	26.5	0.0
-5°	328.6	238.9	170.4	114.0	68.3	26.6	0.0
-7.5°	329.0	239.1	170.5	114.4	68.4	26.7	0.0
-10°	328.2	238.6	170.1	114.4	68.3	26.7	0.0
-12.5°	326.3	237.4	169.4	114.2	68.0	26.7	0.0
-15°	323.2	235.5	168.2	113.7	67.7	26.6	0.0
-17.5°	318.9	232.8	166.6	112.9	67.1	26.4	0.0
-20°	315.4	229.5	164.6	111.8	66.4	26.2	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	313.9	225.4	162.2	110.4	65.5	26.0	0.0
-25°	311.3	223.6	159.4	108.8	64.4	25.6	0.0
-27.5°	307.6	222.3	156.3	106.8	63.2	25.3	0.0
-30°	302.8	220.1	153.0	104.6	61.9	24.8	0.0
-32.5°	297.0	216.9	151.6	102.1	60.4	24.3	0.0
-35°	291.7	212.9	149.6	99.2	58.7	23.8	0.0
-37.5°	286.0	208.6	147.1	96.2	56.9	23.1	0.0
-40°	279.1	204.8	143.9	92.8	54.9	22.5	0.0
-42.5°	271.1	200.2	140.3	89.5	52.8	21.7	0.0
-45°	261.9	194.7	136.3	86.5	50.6	20.9	0.0
-47.5°	251.6	188.4	131.8	83.2	48.2	20.1	0.0
-50°	242.4	181.3	126.5	79.7	45.7	19.2	0.0
-52.5°	232.5	173.4	120.7	76.0	43.0	18.3	0.0
-55°	221.7	164.8	114.3	71.9	40.3	17.3	0.0
-57.5°	209.8	155.4	107.3	67.3	37.4	16.3	0.0
-60°	196.9	145.2	99.8	62.5	34.4	15.2	0.0
-62.5°	182.7	134.2	91.7	57.2	32.0	14.1	0.0
-65°	167.4	122.6	83.1	51.6	29.4	12.9	0.0
-67.5°	151.3	109.8	73.9	45.8	26.7	11.7	0.0
-70°	134.3	96.0	64.3	39.6	24.0	10.5	0.0
-72.5°	114.9	81.4	54.2	34.7	21.2	9.3	0.0
-75°	94.3	66.3	43.8	29.9	18.3	8.0	0.0
-77.5°	73.0	50.7	36.1	25.1	15.3	6.7	0.0
-80°	51.2	39.0	29.1	20.2	12.3	5.4	0.0
-82.5°	37.7	29.4	21.9	15.2	9.3	4.0	0.0
-85°	25.2	19.7	14.6	10.2	6.2	2.7	0.0
-87.5°	12.6	9.8	7.3	5.1	3.1	1.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)