

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



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P627323 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA4B-727-U-WR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P627323 (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: 5/9/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA4B-727-U-WR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, WIDE SYMMETRICAL ROUND N88
Light Source: (64) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

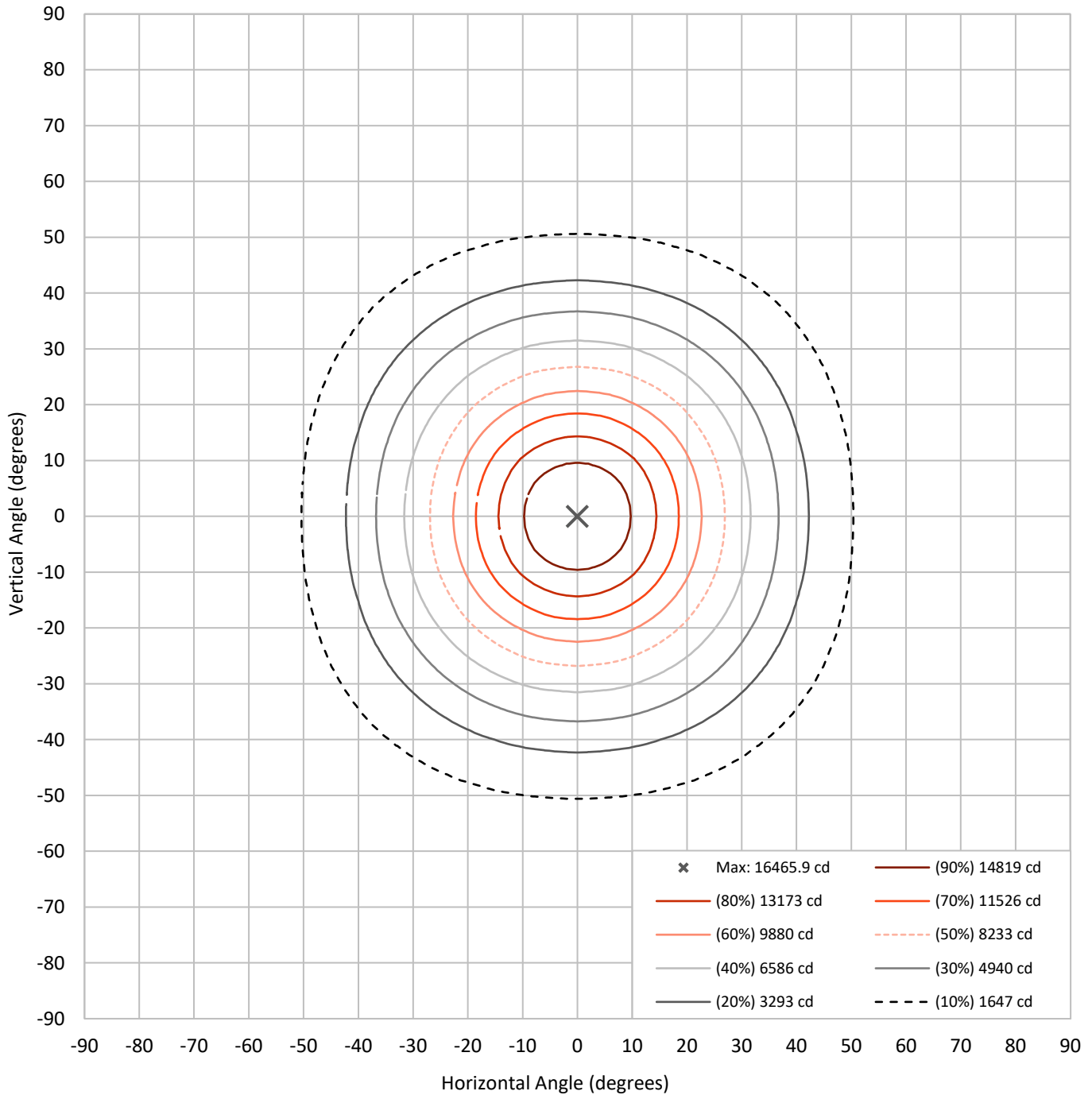
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	16758.5 lumens	Max Intensity:	16465.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	129.4 lumens/watt		
Luminous Opening:	Rectangular (W 1' 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:	8012.9 lumens	Field Lumens:	14789.9 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	129.5		
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





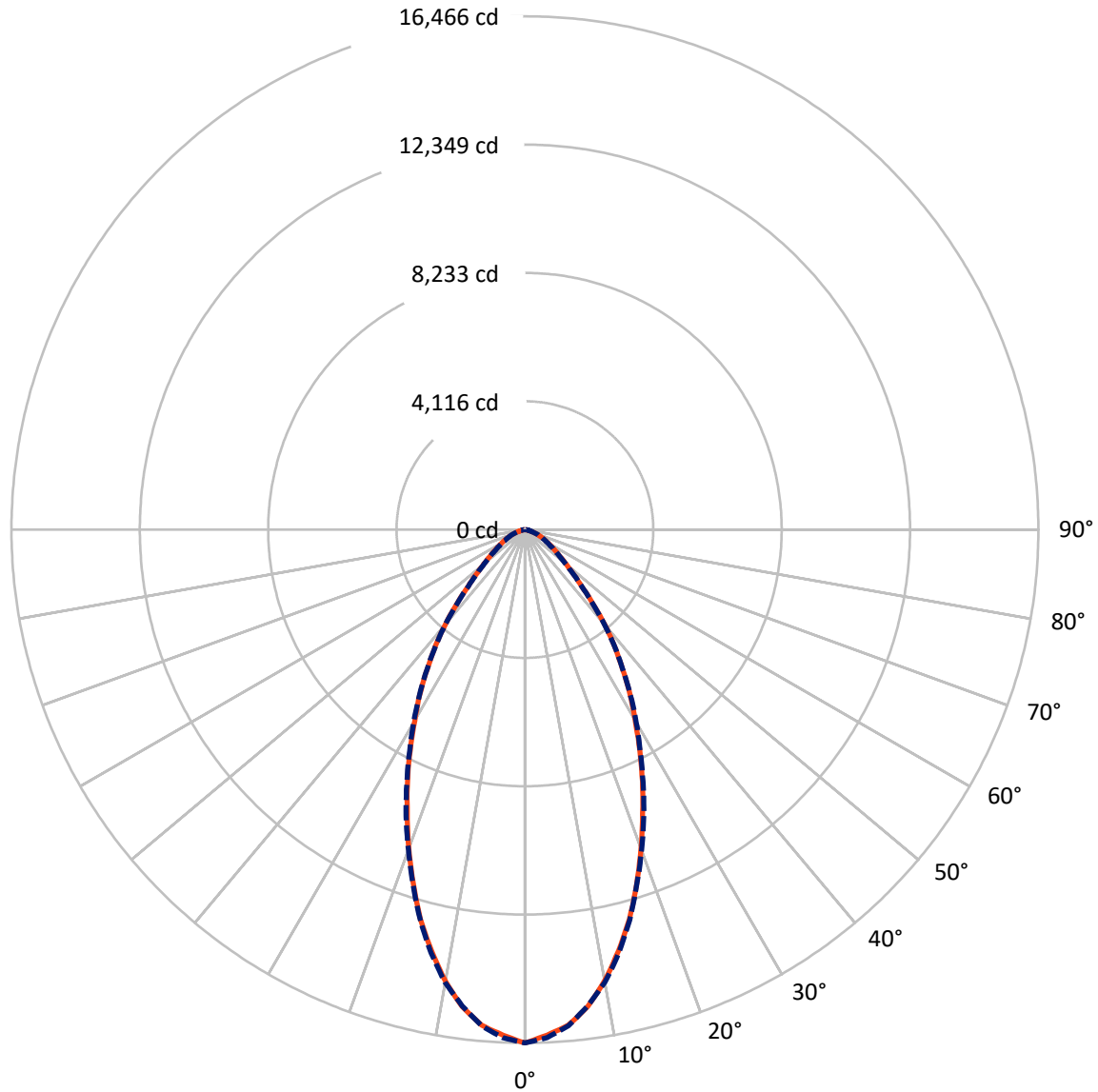
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Lumen Table

90																			
80	0.6	4.6		10.5			17.5		15.0		17.5		10.5		4.6	0.6			
70																			
60	2.2	2.5	4.8	7.7	11.2	14.5	17.0	18.2	18.2	17.0	14.5	11.2	7.7	4.8	2.5	2.2			
50		3.6	7.3	12.6	19.3	26.5	33.1	36.9	36.9	33.1	26.5	19.3	12.6	7.3	3.6				
40	3.2	4.6	10.0	18.8	31.6	48.6	67.1	79.3	79.3	67.1	48.6	31.6	18.8	10.0	4.6	3.2			
30		5.6	13.2	27.3	53.1	94.3	137.0	162.5	162.5	137.0	94.3	53.1	27.3	13.2	5.6				
20	3.8	6.5	16.4	38.2	85.9	154.3	220.9	264.0	264.0	220.9	154.3	85.9	38.2	16.4	6.5	3.8			
10		7.3	19.2	49.5	117.2	208.4	307.7	378.6	378.6	307.7	208.4	117.2	49.5	19.2	7.3				
0	4.0	7.6	20.8	56.9	134.9	242.3	368.7	463.7	463.7	368.7	242.3	134.9	56.9	20.8	7.6	4.0			
-10		7.6	20.8	56.9	134.9	242.3	368.7	463.7	463.7	368.7	242.3	134.9	56.9	20.8	7.6				
-20	3.8	7.3	19.2	49.5	117.2	208.4	307.7	378.6	378.6	307.7	208.4	117.2	49.5	19.2	7.3	3.8			
-30		6.5	16.4	38.2	85.9	154.3	220.9	264.0	264.0	220.9	154.3	85.9	38.2	16.4	6.5				
-40	3.2	5.6	13.2	27.3	53.1	94.3	137.0	162.5	162.5	137.0	94.3	53.1	27.3	13.2	5.6	3.2			
-50		4.6	10.0	18.8	31.6	48.6	67.1	79.3	79.3	67.1	48.6	31.6	18.8	10.0	4.6				
-60	2.2	3.6	7.3	12.6	19.3	26.5	33.1	36.9	36.9	33.1	26.5	19.3	12.6	7.3	3.6	2.2			
-70		2.5	4.8	7.7	11.2	14.5	17.0	18.2	18.2	17.0	14.5	11.2	7.7	4.8	2.5				
-80																			
-90	0.6	4.6		10.5			17.5		15.0		17.5		10.5		4.6	0.6			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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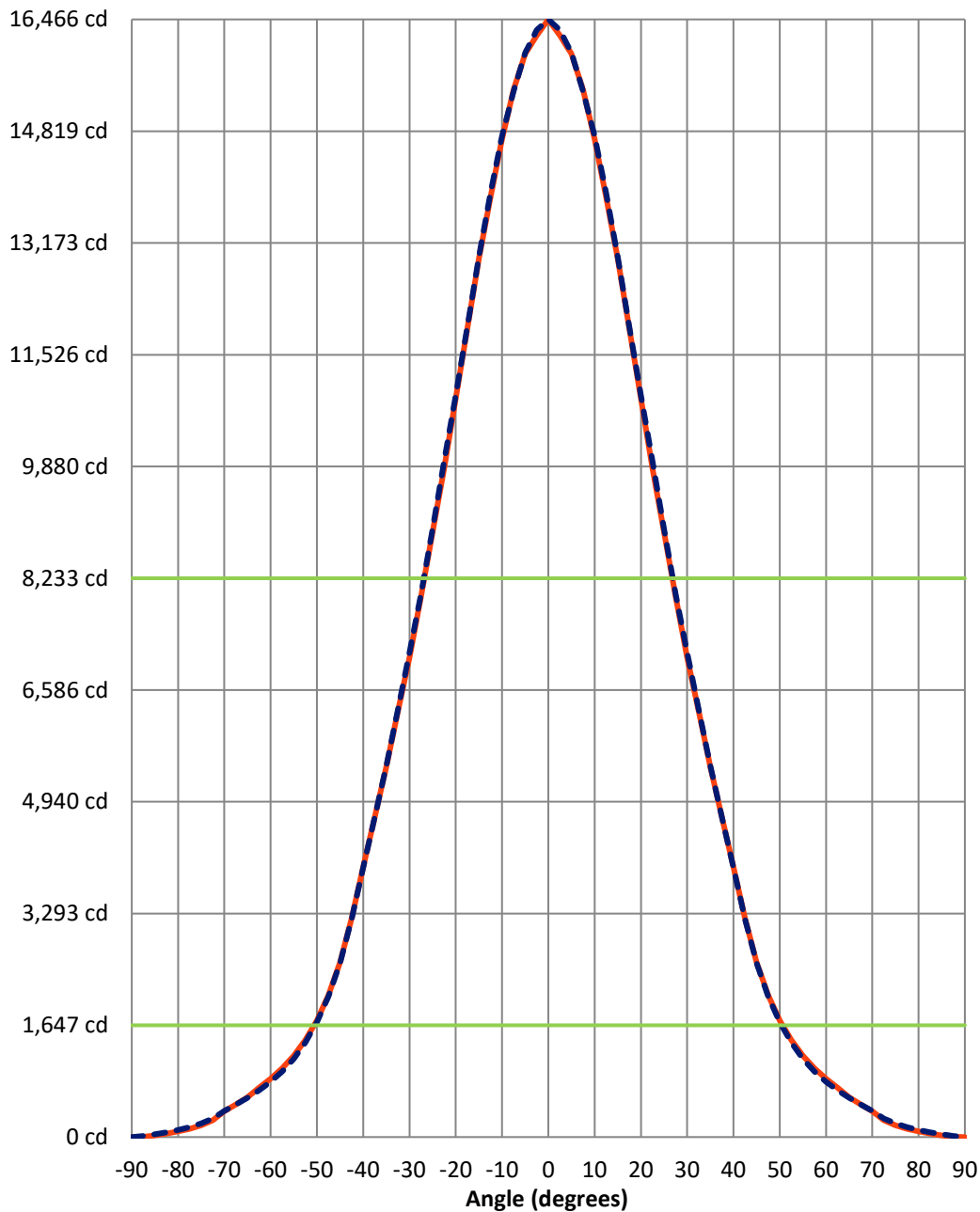
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 8012.9
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 14789.9
 Efficiency: 88.3%

Spill:
 Lumens: 1968.5
 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	0.8	1.9	3.2	4.5	6.1	7.8	8.7	9.4	9.9	10.3
85°	0.0	1.7	3.8	6.3	9.1	12.2	15.6	17.3	18.7	19.8	20.6
82.5°	0.0	2.5	5.7	9.4	13.6	18.2	23.4	26.0	28.6	33.2	37.2
80°	0.0	3.3	7.6	12.5	18.0	24.2	31.8	39.5	46.1	52.1	57.4
77.5°	0.0	4.1	9.5	15.5	22.4	31.5	45.3	55.3	63.6	71.1	78.5
75°	0.0	4.9	11.3	18.5	27.1	41.2	58.5	71.1	81.1	91.2	102.0
72.5°	0.0	5.7	13.1	21.5	33.6	50.5	71.3	86.6	98.6	111.5	125.2
70°	0.0	6.5	14.9	24.5	39.9	59.5	83.4	101.2	115.7	131.4	149.8
67.5°	0.0	7.3	16.6	28.4	45.9	68.1	93.8	115.5	132.6	152.0	174.1
65°	0.0	8.0	18.2	32.0	51.5	76.0	103.8	129.4	149.3	171.9	197.1
62.5°	0.0	8.7	19.8	35.5	56.9	83.3	113.2	142.7	165.2	191.0	218.5
60°	0.0	9.4	21.3	38.7	61.9	90.0	122.0	155.3	180.5	209.4	239.3
57.5°	0.0	10.1	23.2	41.8	66.6	96.3	130.0	166.6	195.9	227.3	258.4
55°	0.0	10.7	24.9	44.6	70.9	102.1	137.4	175.7	211.0	244.3	276.7
52.5°	0.0	11.3	26.7	47.2	74.9	107.5	144.2	185.5	225.4	260.6	294.6
50°	0.0	11.9	28.3	49.5	78.5	112.4	150.3	194.7	239.4	276.5	314.2
47.5°	0.0	12.5	29.9	51.6	81.7	116.8	156.0	203.1	253.2	292.0	333.5
45°	0.0	13.0	31.3	53.7	84.5	120.7	162.4	210.6	263.1	308.7	352.1
42.5°	0.0	13.5	32.7	55.5	87.0	124.1	168.1	218.0	272.1	324.8	371.5
40°	0.0	13.9	34.0	57.6	89.2	127.0	173.0	225.2	281.1	339.8	390.1
37.5°	0.0	14.3	35.3	59.6	91.2	129.4	177.3	231.8	290.9	351.6	407.8
35°	0.0	14.7	36.4	61.5	92.8	132.0	180.9	237.6	300.3	364.6	425.9
32.5°	0.0	15.1	37.4	63.3	94.0	134.5	184.1	242.6	309.2	377.8	444.4
30°	0.0	15.4	38.4	64.8	94.9	136.4	187.7	247.6	317.7	391.1	461.9
27.5°	0.0	15.6	39.2	66.2	96.9	137.8	190.7	253.7	326.5	404.4	478.2
25°	0.0	15.9	40.0	67.4	98.8	138.7	193.0	259.2	336.4	417.5	493.5
22.5°	0.0	16.1	40.6	68.5	100.6	139.7	194.6	264.0	345.8	429.6	510.2
20°	0.0	16.2	41.2	69.3	102.0	142.3	195.6	268.1	354.6	440.4	525.2
17.5°	0.0	16.4	41.6	70.0	103.3	144.4	197.8	271.4	362.8	449.9	538.3
15°	0.0	16.5	41.9	70.5	104.3	146.0	200.4	274.5	370.1	458.1	549.6
12.5°	0.0	16.5	42.2	70.8	105.0	147.2	202.3	277.3	376.3	465.0	559.0
10°	0.0	16.5	42.3	70.9	105.5	147.9	203.5	278.9	381.2	470.7	566.6
7.5°	0.0	16.5	42.4	70.9	105.7	148.2	204.0	279.2	384.6	475.1	572.6
5°	0.0	16.5	42.3	70.7	105.6	148.1	203.7	278.4	386.4	478.1	576.5
2.5°	0.0	16.4	42.2	70.3	105.3	147.6	202.9	276.5	386.7	479.6	578.5
0°	0.0	16.3	41.9	69.8	104.7	146.6	201.3	273.5	385.2	479.5	578.4
-2.5°	0.0	16.4	42.2	70.3	105.3	147.6	202.9	276.5	386.7	479.6	578.5
-5°	0.0	16.5	42.3	70.7	105.6	148.1	203.7	278.4	386.4	478.1	576.5
-7.5°	0.0	16.5	42.4	70.9	105.7	148.2	204.0	279.2	384.6	475.1	572.6
-10°	0.0	16.5	42.3	70.9	105.5	147.9	203.5	278.9	381.2	470.7	566.6
-12.5°	0.0	16.5	42.2	70.8	105.0	147.2	202.3	277.3	376.3	465.0	559.0
-15°	0.0	16.5	41.9	70.5	104.3	146.0	200.4	274.5	370.1	458.1	549.6
-17.5°	0.0	16.4	41.6	70.0	103.3	144.4	197.8	271.4	362.8	449.9	538.3
-20°	0.0	16.2	41.2	69.3	102.0	142.3	195.6	268.1	354.6	440.4	525.2

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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	16.1	40.6	68.5	100.6	139.7	194.6	264.0	345.8	429.6	510.2
-25°	0.0	15.9	40.0	67.4	98.8	138.7	193.0	259.2	336.4	417.5	493.5
-27.5°	0.0	15.6	39.2	66.2	96.9	137.8	190.7	253.7	326.5	404.4	478.2
-30°	0.0	15.4	38.4	64.8	94.9	136.4	187.7	247.6	317.7	391.1	461.9
-32.5°	0.0	15.1	37.4	63.3	94.0	134.5	184.1	242.6	309.2	377.8	444.4
-35°	0.0	14.7	36.4	61.5	92.8	132.0	180.9	237.6	300.3	364.6	425.9
-37.5°	0.0	14.3	35.3	59.6	91.2	129.4	177.3	231.8	290.9	351.6	407.8
-40°	0.0	13.9	34.0	57.6	89.2	127.0	173.0	225.2	281.1	339.8	390.1
-42.5°	0.0	13.5	32.7	55.5	87.0	124.1	168.1	218.0	272.1	324.8	371.5
-45°	0.0	13.0	31.3	53.7	84.5	120.7	162.4	210.6	263.1	308.7	352.1
-47.5°	0.0	12.5	29.9	51.6	81.7	116.8	156.0	203.1	253.2	292.0	333.5
-50°	0.0	11.9	28.3	49.5	78.5	112.4	150.3	194.7	239.4	276.5	314.2
-52.5°	0.0	11.3	26.7	47.2	74.9	107.5	144.2	185.5	225.4	260.6	294.6
-55°	0.0	10.7	24.9	44.6	70.9	102.1	137.4	175.7	211.0	244.3	276.7
-57.5°	0.0	10.1	23.2	41.8	66.6	96.3	130.0	166.6	195.9	227.3	258.4
-60°	0.0	9.4	21.3	38.7	61.9	90.0	122.0	155.3	180.5	209.4	239.3
-62.5°	0.0	8.7	19.8	35.5	56.9	83.3	113.2	142.7	165.2	191.0	218.5
-65°	0.0	8.0	18.2	32.0	51.5	76.0	103.8	129.4	149.3	171.9	197.1
-67.5°	0.0	7.3	16.6	28.4	45.9	68.1	93.8	115.5	132.6	152.0	174.1
-70°	0.0	6.5	14.9	24.5	39.9	59.5	83.4	101.2	115.7	131.4	149.8
-72.5°	0.0	5.7	13.1	21.5	33.6	50.5	71.3	86.6	98.6	111.5	125.2
-75°	0.0	4.9	11.3	18.5	27.1	41.2	58.5	71.1	81.1	91.2	102.0
-77.5°	0.0	4.1	9.5	15.5	22.4	31.5	45.3	55.3	63.6	71.1	78.5
-80°	0.0	3.3	7.6	12.5	18.0	24.2	31.8	39.5	46.1	52.1	57.4
-82.5°	0.0	2.5	5.7	9.4	13.6	18.2	23.4	26.0	28.6	33.2	37.2
-85°	0.0	1.7	3.8	6.3	9.1	12.2	15.6	17.3	18.7	19.8	20.6
-87.5°	0.0	0.8	1.9	3.2	4.5	6.1	7.8	8.7	9.4	9.9	10.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-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°	10.5	10.5	10.3	10.0	9.6	9.0	8.3	7.4	7.7	8.0	8.3
85°	21.0	21.0	22.7	24.4	25.1	25.2	24.7	23.6	26.7	30.2	33.9
82.5°	41.0	44.5	47.9	51.0	51.4	50.5	49.0	47.2	53.4	60.9	68.8
80°	62.8	68.1	74.1	79.7	81.0	80.5	78.7	75.9	84.1	95.7	108.2
77.5°	87.2	95.5	103.2	110.3	112.4	112.1	110.8	108.5	118.9	135.0	151.7
75°	112.9	122.9	132.9	141.6	145.4	145.7	145.3	147.8	161.5	180.3	196.9
72.5°	139.6	152.4	163.7	173.3	179.4	184.0	190.1	197.6	211.5	229.9	246.2
70°	167.9	182.2	194.0	204.7	214.0	224.0	236.9	249.7	264.3	282.7	299.7
67.5°	195.9	210.3	223.7	236.8	253.7	269.8	285.8	302.5	321.0	340.3	357.5
65°	221.8	238.1	254.4	273.5	295.4	313.6	333.4	355.2	379.3	401.1	421.0
62.5°	246.6	265.0	285.2	308.3	332.0	354.9	381.4	409.3	437.6	464.9	492.0
60°	267.6	290.5	315.1	341.1	368.5	399.6	430.7	463.9	497.6	530.5	564.1
57.5°	287.8	316.1	344.4	374.8	408.9	444.5	481.8	519.1	559.5	599.3	637.4
55°	308.7	342.1	374.3	410.3	449.4	491.1	533.3	578.6	623.1	673.3	719.6
52.5°	331.1	367.4	405.3	446.5	492.1	539.2	588.6	640.6	696.0	751.8	808.3
50°	352.9	393.8	436.0	485.3	536.3	590.1	647.2	707.7	772.3	836.8	905.3
47.5°	375.7	419.4	470.9	524.4	582.8	644.1	708.8	780.7	852.5	933.7	1012.2
45°	398.2	448.5	504.3	566.5	630.7	699.7	776.6	855.6	947.1	1038.9	1142.1
42.5°	419.8	477.8	540.8	607.3	680.3	759.6	844.7	944.1	1047.3	1160.9	1282.0
40°	444.7	505.8	576.7	651.1	730.2	820.9	923.2	1033.6	1159.5	1294.1	1431.7
37.5°	468.7	537.4	612.2	692.9	784.7	886.8	999.8	1135.1	1280.4	1433.4	1620.5
35°	491.3	567.4	648.8	737.1	836.6	954.9	1090.1	1239.5	1406.9	1604.4	1822.7
32.5°	515.3	595.9	683.3	782.4	895.0	1024.2	1177.8	1353.7	1551.8	1776.6	2049.8
30°	539.4	625.2	717.5	824.8	950.0	1099.6	1274.1	1468.5	1696.4	1978.4	2299.1
27.5°	561.7	652.6	753.7	869.7	1003.6	1169.1	1366.6	1594.6	1863.1	2181.7	2556.3
25°	582.3	677.5	787.0	912.5	1062.6	1244.2	1458.3	1710.8	2029.8	2409.7	2870.6
22.5°	601.8	700.3	817.1	951.0	1115.8	1316.8	1557.8	1846.7	2199.4	2625.8	3178.4
20°	620.2	724.8	846.9	987.8	1163.3	1382.4	1649.3	1973.6	2375.0	2879.7	3480.3
17.5°	636.3	746.5	875.2	1027.6	1216.3	1449.1	1735.6	2085.7	2531.2	3106.5	3758.9
15°	650.2	765.2	899.6	1062.1	1264.0	1515.3	1826.2	2208.5	2694.3	3312.8	4003.5
12.5°	661.7	780.8	920.1	1091.1	1304.1	1571.3	1903.5	2318.0	2853.1	3507.0	4218.2
10°	670.9	793.4	936.7	1114.5	1336.4	1616.8	1967.3	2407.6	2985.2	3673.5	4399.9
7.5°	678.6	803.2	949.4	1132.2	1360.9	1651.6	2016.9	2476.7	3088.4	3805.4	4539.3
5°	684.1	810.2	959.0	1144.6	1378.8	1675.8	2051.6	2525.0	3161.9	3900.9	4634.6
2.5°	687.2	814.0	964.5	1151.3	1389.9	1689.5	2069.8	2555.4	3202.3	3955.5	4692.3
0°	687.8	814.6	965.9	1152.1	1393.0	1692.1	2072.6	2564.9	3210.8	3969.6	4713.2
-2.5°	687.2	814.0	964.5	1151.3	1389.9	1689.5	2069.8	2555.4	3202.3	3955.5	4692.3
-5°	684.1	810.2	959.0	1144.6	1378.8	1675.8	2051.6	2525.0	3161.9	3900.9	4634.6
-7.5°	678.6	803.2	949.4	1132.2	1360.9	1651.6	2016.9	2476.7	3088.4	3805.4	4539.3
-10°	670.9	793.4	936.7	1114.5	1336.4	1616.8	1967.3	2407.6	2985.2	3673.5	4399.9
-12.5°	661.7	780.8	920.1	1091.1	1304.1	1571.3	1903.5	2318.0	2853.1	3507.0	4218.2
-15°	650.2	765.2	899.6	1062.1	1264.0	1515.3	1826.2	2208.5	2694.3	3312.8	4003.5
-17.5°	636.3	746.5	875.2	1027.6	1216.3	1449.1	1735.6	2085.7	2531.2	3106.5	3758.9
-20°	620.2	724.8	846.9	987.8	1163.3	1382.4	1649.3	1973.6	2375.0	2879.7	3480.3

Classified

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REPORT NUMBER: P627323 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4B-727-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°	601.8	700.3	817.1	951.0	1115.8	1316.8	1557.8	1846.7	2199.4	2625.8	3178.4
-25°	582.3	677.5	787.0	912.5	1062.6	1244.2	1458.3	1710.8	2029.8	2409.7	2870.6
-27.5°	561.7	652.6	753.7	869.7	1003.6	1169.1	1366.6	1594.6	1863.1	2181.7	2556.3
-30°	539.4	625.2	717.5	824.8	950.0	1099.6	1274.1	1468.5	1696.4	1978.4	2299.1
-32.5°	515.3	595.9	683.3	782.4	895.0	1024.2	1177.8	1353.7	1551.8	1776.6	2049.8
-35°	491.3	567.4	648.8	737.1	836.6	954.9	1090.1	1239.5	1406.9	1604.4	1822.7
-37.5°	468.7	537.4	612.2	692.9	784.7	886.8	999.8	1135.1	1280.4	1433.4	1620.5
-40°	444.7	505.8	576.7	651.1	730.2	820.9	923.2	1033.6	1159.5	1294.1	1431.7
-42.5°	419.8	477.8	540.8	607.3	680.3	759.6	844.7	944.1	1047.3	1160.9	1282.0
-45°	398.2	448.5	504.3	566.5	630.7	699.7	776.6	855.6	947.1	1038.9	1142.1
-47.5°	375.7	419.4	470.9	524.4	582.8	644.1	708.8	780.7	852.5	933.7	1012.2
-50°	352.9	393.8	436.0	485.3	536.3	590.1	647.2	707.7	772.3	836.8	905.3
-52.5°	331.1	367.4	405.3	446.5	492.1	539.2	588.6	640.6	696.0	751.8	808.3
-55°	308.7	342.1	374.3	410.3	449.4	491.1	533.3	578.6	623.1	673.3	719.6
-57.5°	287.8	316.1	344.4	374.8	408.9	444.5	481.8	519.1	559.5	599.3	637.4
-60°	267.6	290.5	315.1	341.1	368.5	399.6	430.7	463.9	497.6	530.5	564.1
-62.5°	246.6	265.0	285.2	308.3	332.0	354.9	381.4	409.3	437.6	464.9	492.0
-65°	221.8	238.1	254.4	273.5	295.4	313.6	333.4	355.2	379.3	401.1	421.0
-67.5°	195.9	210.3	223.7	236.8	253.7	269.8	285.8	302.5	321.0	340.3	357.5
-70°	167.9	182.2	194.0	204.7	214.0	224.0	236.9	249.7	264.3	282.7	299.7
-72.5°	139.6	152.4	163.7	173.3	179.4	184.0	190.1	197.6	211.5	229.9	246.2
-75°	112.9	122.9	132.9	141.6	145.4	145.7	145.3	147.8	161.5	180.3	196.9
-77.5°	87.2	95.5	103.2	110.3	112.4	112.1	110.8	108.5	118.9	135.0	151.7
-80°	62.8	68.1	74.1	79.7	81.0	80.5	78.7	75.9	84.1	95.7	108.2
-82.5°	41.0	44.5	47.9	51.0	51.4	50.5	49.0	47.2	53.4	60.9	68.8
-85°	21.0	21.0	22.7	24.4	25.1	25.2	24.7	23.6	26.7	30.2	33.9
-87.5°	10.5	10.5	10.3	10.0	9.6	9.0	8.3	7.4	7.7	8.0	8.3
-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: P627323 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	8.6	8.4	8.1	7.7	7.3	7.2	7.1	6.9	6.8	6.3	5.8
85°	37.8	38.7	39.2	39.4	39.4	40.7	41.9	43.0	43.9	39.8	35.3
82.5°	76.9	80.6	83.8	86.9	90.0	92.2	93.8	94.9	95.7	86.6	76.4
80°	121.1	128.7	135.0	141.0	146.8	148.2	148.2	147.4	145.8	133.4	119.3
77.5°	168.5	178.4	186.3	194.1	201.8	204.6	206.0	207.1	207.8	192.4	173.5
75°	211.4	223.2	234.3	244.5	253.9	259.0	261.9	264.3	266.2	250.8	230.6
72.5°	260.4	272.9	284.8	296.2	306.2	312.8	317.2	320.7	323.5	314.8	302.1
70°	314.2	327.2	339.8	351.6	362.9	371.9	378.9	384.9	389.9	390.9	390.5
67.5°	374.0	389.3	404.3	417.2	430.6	443.2	454.3	463.5	470.9	475.7	478.4
65°	441.1	464.1	484.6	502.0	516.5	533.3	548.2	559.5	567.5	573.6	578.8
62.5°	520.1	548.0	571.5	594.7	618.6	641.8	656.3	670.9	685.1	698.5	710.0
60°	596.2	626.9	658.6	688.2	715.5	740.7	766.7	789.9	810.1	827.0	839.6
57.5°	677.4	714.6	750.7	788.2	823.6	856.5	888.7	918.4	944.1	965.7	983.4
55°	765.4	810.9	853.8	901.5	947.7	989.8	1028.6	1068.4	1104.2	1135.8	1160.8
52.5°	860.3	919.5	976.3	1032.3	1092.2	1146.2	1194.6	1249.8	1298.6	1339.0	1370.5
50°	973.6	1043.2	1118.1	1187.5	1263.1	1337.5	1406.1	1472.5	1537.5	1593.7	1639.2
47.5°	1102.6	1188.2	1281.1	1373.1	1466.9	1568.6	1659.3	1743.7	1834.5	1913.4	1976.7
45°	1246.0	1355.2	1467.4	1596.7	1715.8	1846.4	1967.3	2075.9	2204.8	2318.3	2409.7
42.5°	1405.1	1550.6	1698.1	1861.0	2019.0	2184.8	2361.0	2517.3	2688.2	2851.1	2982.8
40°	1602.3	1776.2	1973.8	2170.9	2397.7	2610.7	2867.4	3100.7	3312.5	3506.8	3666.0
37.5°	1821.4	2045.3	2293.5	2550.2	2860.6	3164.7	3465.2	3748.9	3999.4	4212.0	4390.3
35°	2070.2	2354.7	2655.3	3030.1	3393.7	3758.0	4097.4	4407.5	4679.8	4919.7	5123.7
32.5°	2356.3	2697.8	3118.7	3539.7	3954.5	4355.6	4728.2	5066.3	5365.1	5634.4	5869.0
30°	2657.2	3123.1	3595.5	4057.4	4510.4	4949.7	5358.7	5731.1	6068.7	6368.5	6638.8
27.5°	3039.5	3555.9	4071.0	4568.9	5067.2	5548.0	5991.2	6405.0	6792.3	7131.2	7440.2
25°	3409.2	3979.8	4527.3	5070.2	5612.7	6128.9	6624.4	7091.8	7535.4	7924.3	8269.2
22.5°	3779.0	4376.1	4961.2	5545.0	6127.7	6703.2	7259.6	7795.0	8291.1	8734.0	9122.2
20°	4121.4	4745.6	5371.3	6000.6	6632.2	7262.2	7887.1	8489.7	9042.3	9553.7	10003.1
17.5°	4428.4	5092.3	5755.6	6428.8	7113.5	7797.4	8491.6	9167.1	9798.9	10380.7	10902.0
15°	4700.3	5393.0	6105.5	6831.8	7567.0	8309.8	9067.3	9823.1	10534.3	11195.2	11777.1
12.5°	4938.0	5658.1	6404.9	7176.7	7974.6	8783.8	9610.5	10438.9	11226.3	11989.3	12617.7
10°	5134.1	5883.7	6664.2	7475.1	8316.6	9187.5	10074.4	10966.2	11833.6	12643.0	13361.7
7.5°	5285.6	6063.2	6867.5	7710.9	8593.8	9512.2	10451.7	11398.0	12323.8	13195.8	13991.0
5°	5392.5	6193.9	7008.3	7885.7	8799.2	9750.9	10727.4	11713.5	12681.3	13598.2	14422.3
2.5°	5454.5	6272.4	7090.3	7991.8	8921.3	9895.3	10898.3	11900.6	12893.9	13845.0	14691.8
0°	5470.8	6295.9	7137.3	8003.1	8959.7	9962.9	10930.0	11935.4	12967.7	13905.7	14749.4
-2.5°	5454.5	6272.4	7090.3	7991.8	8921.3	9895.3	10898.3	11900.6	12893.9	13845.0	14691.8
-5°	5392.5	6193.9	7008.3	7885.7	8799.2	9750.9	10727.4	11713.5	12681.3	13598.2	14422.3
-7.5°	5285.6	6063.2	6867.5	7710.9	8593.8	9512.2	10451.7	11398.0	12323.8	13195.8	13991.0
-10°	5134.1	5883.7	6664.2	7475.1	8316.6	9187.5	10074.4	10966.2	11833.6	12643.0	13361.7
-12.5°	4938.0	5658.1	6404.9	7176.7	7974.6	8783.8	9610.5	10438.9	11226.3	11989.3	12617.7
-15°	4700.3	5393.0	6105.5	6831.8	7567.0	8309.8	9067.3	9823.1	10534.3	11195.2	11777.1
-17.5°	4428.4	5092.3	5755.6	6428.8	7113.5	7797.4	8491.6	9167.1	9798.9	10380.7	10902.0
-20°	4121.4	4745.6	5371.3	6000.6	6632.2	7262.2	7887.1	8489.7	9042.3	9553.7	10003.1

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Scaled Data Report



REPORT NUMBER: P627323 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4B-727-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3779.0	4376.1	4961.2	5545.0	6127.7	6703.2	7259.6	7795.0	8291.1	8734.0	9122.2
-25°	3409.2	3979.8	4527.3	5070.2	5612.7	6128.9	6624.4	7091.8	7535.4	7924.3	8269.2
-27.5°	3039.5	3555.9	4071.0	4568.9	5067.2	5548.0	5991.2	6405.0	6792.3	7131.2	7440.2
-30°	2657.2	3123.1	3595.5	4057.4	4510.4	4949.7	5358.7	5731.1	6068.7	6368.5	6638.8
-32.5°	2356.3	2697.8	3118.7	3539.7	3954.5	4355.6	4728.2	5066.3	5365.1	5634.4	5869.0
-35°	2070.2	2354.7	2655.3	3030.1	3393.7	3758.0	4097.4	4407.5	4679.8	4919.7	5123.7
-37.5°	1821.4	2045.3	2293.5	2550.2	2860.6	3164.7	3465.2	3748.9	3999.4	4212.0	4390.3
-40°	1602.3	1776.2	1973.8	2170.9	2397.7	2610.7	2867.4	3100.7	3312.5	3506.8	3666.0
-42.5°	1405.1	1550.6	1698.1	1861.0	2019.0	2184.8	2361.0	2517.3	2688.2	2851.1	2982.8
-45°	1246.0	1355.2	1467.4	1596.7	1715.8	1846.4	1967.3	2075.9	2204.8	2318.3	2409.7
-47.5°	1102.6	1188.2	1281.1	1373.1	1466.9	1568.6	1659.3	1743.7	1834.5	1913.4	1976.7
-50°	973.6	1043.2	1118.1	1187.5	1263.1	1337.5	1406.1	1472.5	1537.5	1593.7	1639.2
-52.5°	860.3	919.5	976.3	1032.3	1092.2	1146.2	1194.6	1249.8	1298.6	1339.0	1370.5
-55°	765.4	810.9	853.8	901.5	947.7	989.8	1028.6	1068.4	1104.2	1135.8	1160.8
-57.5°	677.4	714.6	750.7	788.2	823.6	856.5	888.7	918.4	944.1	965.7	983.4
-60°	596.2	626.9	658.6	688.2	715.5	740.7	766.7	789.9	810.1	827.0	839.6
-62.5°	520.1	548.0	571.5	594.7	618.6	641.8	656.3	670.9	685.1	698.5	710.0
-65°	441.1	464.1	484.6	502.0	516.5	533.3	548.2	559.5	567.5	573.6	578.8
-67.5°	374.0	389.3	404.3	417.2	430.6	443.2	454.3	463.5	470.9	475.7	478.4
-70°	314.2	327.2	339.8	351.6	362.9	371.9	378.9	384.9	389.9	390.9	390.5
-72.5°	260.4	272.9	284.8	296.2	306.2	312.8	317.2	320.7	323.5	314.8	302.1
-75°	211.4	223.2	234.3	244.5	253.9	259.0	261.9	264.3	266.2	250.8	230.6
-77.5°	168.5	178.4	186.3	194.1	201.8	204.6	206.0	207.1	207.8	192.4	173.5
-80°	121.1	128.7	135.0	141.0	146.8	148.2	148.2	147.4	145.8	133.4	119.3
-82.5°	76.9	80.6	83.8	86.9	90.0	92.2	93.8	94.9	95.7	86.6	76.4
-85°	37.8	38.7	39.2	39.4	39.4	40.7	41.9	43.0	43.9	39.8	35.3
-87.5°	8.6	8.4	8.1	7.7	7.3	7.2	7.1	6.9	6.8	6.3	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: P627323 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-727-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°	5.2	4.7	4.1	3.5	4.1	4.7	5.2	5.8	6.3	6.8	6.9
85°	30.5	25.5	25.0	24.4	25.0	25.5	30.5	35.3	39.8	43.9	43.0
82.5°	65.7	54.6	52.9	51.2	52.9	54.6	65.7	76.4	86.6	95.7	94.9
80°	104.7	89.5	86.6	83.8	86.6	89.5	104.7	119.3	133.4	145.8	147.4
77.5°	153.6	132.9	126.8	121.0	126.8	132.9	153.6	173.5	192.4	207.8	207.1
75°	209.5	187.7	180.3	173.4	180.3	187.7	209.5	230.6	250.8	266.2	264.3
72.5°	289.3	276.0	262.6	247.9	262.6	276.0	289.3	302.1	314.8	323.5	320.7
70°	390.1	389.1	385.7	380.5	385.7	389.1	390.1	390.5	390.9	389.9	384.9
67.5°	479.6	479.2	480.4	480.6	480.4	479.2	479.6	478.4	475.7	470.9	463.5
65°	581.9	583.0	585.4	586.5	585.4	583.0	581.9	578.8	573.6	567.5	559.5
62.5°	718.8	724.7	727.7	727.3	727.7	724.7	718.8	710.0	698.5	685.1	670.9
60°	849.0	855.2	859.0	860.0	859.0	855.2	849.0	839.6	827.0	810.1	789.9
57.5°	997.4	1007.5	1012.9	1013.6	1012.9	1007.5	997.4	983.4	965.7	944.1	918.4
55°	1180.0	1193.4	1199.4	1198.7	1199.4	1193.4	1180.0	1160.8	1135.8	1104.2	1068.4
52.5°	1394.3	1410.6	1422.8	1430.3	1422.8	1410.6	1394.3	1370.5	1339.0	1298.6	1249.8
50°	1673.3	1696.7	1711.6	1717.7	1711.6	1696.7	1673.3	1639.2	1593.7	1537.5	1472.5
47.5°	2022.4	2053.4	2076.4	2092.4	2076.4	2053.4	2022.4	1976.7	1913.4	1834.5	1743.7
45°	2477.2	2524.5	2556.6	2575.4	2556.6	2524.5	2477.2	2409.7	2318.3	2204.8	2075.9
42.5°	3085.6	3159.0	3204.0	3221.3	3204.0	3159.0	3085.6	2982.8	2851.1	2688.2	2517.3
40°	3791.7	3879.9	3937.7	3977.7	3937.7	3879.9	3791.7	3666.0	3506.8	3312.5	3100.7
37.5°	4527.2	4619.8	4676.1	4714.4	4676.1	4619.8	4527.2	4390.3	4212.0	3999.4	3748.9
35°	5277.5	5374.4	5427.2	5456.8	5427.2	5374.4	5277.5	5123.7	4919.7	4679.8	4407.5
32.5°	6047.8	6154.6	6212.0	6271.5	6212.0	6154.6	6047.8	5869.0	5634.4	5365.1	5066.3
30°	6852.4	6974.9	7035.0	7064.0	7035.0	6974.9	6852.4	6638.8	6368.5	6068.7	5731.1
27.5°	7689.5	7842.2	7917.5	7967.0	7917.5	7842.2	7689.5	7440.2	7131.2	6792.3	6405.0
25°	8560.5	8749.9	8836.0	8913.2	8836.0	8749.9	8560.5	8269.2	7924.3	7535.4	7091.8
22.5°	9464.3	9700.0	9799.9	9854.7	9799.9	9700.0	9464.3	9122.2	8734.0	8291.1	7795.0
20°	10391.6	10673.3	10812.0	10883.4	10812.0	10673.3	10391.6	10003.1	9553.7	9042.3	8489.7
17.5°	11339.9	11690.3	11869.8	11911.0	11869.8	11690.3	11339.9	10902.0	10380.7	9798.9	9167.1
15°	12270.9	12649.9	12862.0	12939.8	12862.0	12649.9	12270.9	11777.1	11195.2	10534.3	9823.1
12.5°	13152.5	13545.3	13798.8	13844.0	13798.8	13545.3	13152.5	12617.7	11989.3	11226.3	10438.9
10°	13952.0	14359.0	14639.0	14702.8	14639.0	14359.0	13952.0	13361.7	12643.0	11833.6	10966.2
7.5°	14620.5	15067.1	15376.4	15430.2	15376.4	15067.1	14620.5	13991.0	13195.8	12323.8	11398.0
5°	15109.6	15639.7	15893.6	15957.4	15893.6	15639.7	15109.6	14422.3	13598.2	12681.3	11713.5
2.5°	15377.8	15917.6	16270.5	16229.7	16270.5	15917.6	15377.8	14691.8	13845.0	12893.9	11900.6
0°	15408.1	15972.5	16310.0	16465.9	16310.0	15972.5	15408.1	14749.4	13905.7	12967.7	11935.4
-2.5°	15377.8	15917.6	16270.5	16229.7	16270.5	15917.6	15377.8	14691.8	13845.0	12893.9	11900.6
-5°	15109.6	15639.7	15893.6	15957.4	15893.6	15639.7	15109.6	14422.3	13598.2	12681.3	11713.5
-7.5°	14620.5	15067.1	15376.4	15430.2	15376.4	15067.1	14620.5	13991.0	13195.8	12323.8	11398.0
-10°	13952.0	14359.0	14639.0	14702.8	14639.0	14359.0	13952.0	13361.7	12643.0	11833.6	10966.2
-12.5°	13152.5	13545.3	13798.8	13844.0	13798.8	13545.3	13152.5	12617.7	11989.3	11226.3	10438.9
-15°	12270.9	12649.9	12862.0	12939.8	12862.0	12649.9	12270.9	11777.1	11195.2	10534.3	9823.1
-17.5°	11339.9	11690.3	11869.8	11911.0	11869.8	11690.3	11339.9	10902.0	10380.7	9798.9	9167.1
-20°	10391.6	10673.3	10812.0	10883.4	10812.0	10673.3	10391.6	10003.1	9553.7	9042.3	8489.7



REPORT NUMBER: P627323 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-727-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°	9464.3	9700.0	9799.9	9854.7	9799.9	9700.0	9464.3	9122.2	8734.0	8291.1	7795.0
-25°	8560.5	8749.9	8836.0	8913.2	8836.0	8749.9	8560.5	8269.2	7924.3	7535.4	7091.8
-27.5°	7689.5	7842.2	7917.5	7967.0	7917.5	7842.2	7689.5	7440.2	7131.2	6792.3	6405.0
-30°	6852.4	6974.9	7035.0	7064.0	7035.0	6974.9	6852.4	6638.8	6368.5	6068.7	5731.1
-32.5°	6047.8	6154.6	6212.0	6271.5	6212.0	6154.6	6047.8	5869.0	5634.4	5365.1	5066.3
-35°	5277.5	5374.4	5427.2	5456.8	5427.2	5374.4	5277.5	5123.7	4919.7	4679.8	4407.5
-37.5°	4527.2	4619.8	4676.1	4714.4	4676.1	4619.8	4527.2	4390.3	4212.0	3999.4	3748.9
-40°	3791.7	3879.9	3937.7	3977.7	3937.7	3879.9	3791.7	3666.0	3506.8	3312.5	3100.7
-42.5°	3085.6	3159.0	3204.0	3221.3	3204.0	3159.0	3085.6	2982.8	2851.1	2688.2	2517.3
-45°	2477.2	2524.5	2556.6	2575.4	2556.6	2524.5	2477.2	2409.7	2318.3	2204.8	2075.9
-47.5°	2022.4	2053.4	2076.4	2092.4	2076.4	2053.4	2022.4	1976.7	1913.4	1834.5	1743.7
-50°	1673.3	1696.7	1711.6	1717.7	1711.6	1696.7	1673.3	1639.2	1593.7	1537.5	1472.5
-52.5°	1394.3	1410.6	1422.8	1430.3	1422.8	1410.6	1394.3	1370.5	1339.0	1298.6	1249.8
-55°	1180.0	1193.4	1199.4	1198.7	1199.4	1193.4	1180.0	1160.8	1135.8	1104.2	1068.4
-57.5°	997.4	1007.5	1012.9	1013.6	1012.9	1007.5	997.4	983.4	965.7	944.1	918.4
-60°	849.0	855.2	859.0	860.0	859.0	855.2	849.0	839.6	827.0	810.1	789.9
-62.5°	718.8	724.7	727.7	727.3	727.7	724.7	718.8	710.0	698.5	685.1	670.9
-65°	581.9	583.0	585.4	586.5	585.4	583.0	581.9	578.8	573.6	567.5	559.5
-67.5°	479.6	479.2	480.4	480.6	480.4	479.2	479.6	478.4	475.7	470.9	463.5
-70°	390.1	389.1	385.7	380.5	385.7	389.1	390.1	390.5	390.9	389.9	384.9
-72.5°	289.3	276.0	262.6	247.9	262.6	276.0	289.3	302.1	314.8	323.5	320.7
-75°	209.5	187.7	180.3	173.4	180.3	187.7	209.5	230.6	250.8	266.2	264.3
-77.5°	153.6	132.9	126.8	121.0	126.8	132.9	153.6	173.5	192.4	207.8	207.1
-80°	104.7	89.5	86.6	83.8	86.6	89.5	104.7	119.3	133.4	145.8	147.4
-82.5°	65.7	54.6	52.9	51.2	52.9	54.6	65.7	76.4	86.6	95.7	94.9
-85°	30.5	25.5	25.0	24.4	25.0	25.5	30.5	35.3	39.8	43.9	43.0
-87.5°	5.2	4.7	4.1	3.5	4.1	4.7	5.2	5.8	6.3	6.8	6.9
-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: P627323 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-727-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°	7.1	7.2	7.3	7.7	8.1	8.4	8.6	8.3	8.0	7.7	7.4
85°	41.9	40.7	39.4	39.4	39.2	38.7	37.8	33.9	30.2	26.7	23.6
82.5°	93.8	92.2	90.0	86.9	83.8	80.6	76.9	68.8	60.9	53.4	47.2
80°	148.2	148.2	146.8	141.0	135.0	128.7	121.1	108.2	95.7	84.1	75.9
77.5°	206.0	204.6	201.8	194.1	186.3	178.4	168.5	151.7	135.0	118.9	108.5
75°	261.9	259.0	253.9	244.5	234.3	223.2	211.4	196.9	180.3	161.5	147.8
72.5°	317.2	312.8	306.2	296.2	284.8	272.9	260.4	246.2	229.9	211.5	197.6
70°	378.9	371.9	362.9	351.6	339.8	327.2	314.2	299.7	282.7	264.3	249.7
67.5°	454.3	443.2	430.6	417.2	404.3	389.3	374.0	357.5	340.3	321.0	302.5
65°	548.2	533.3	516.5	502.0	484.6	464.1	441.1	421.0	401.1	379.3	355.2
62.5°	656.3	641.8	618.6	594.7	571.5	548.0	520.1	492.0	464.9	437.6	409.3
60°	766.7	740.7	715.5	688.2	658.6	626.9	596.2	564.1	530.5	497.6	463.9
57.5°	888.7	856.5	823.6	788.2	750.7	714.6	677.4	637.4	599.3	559.5	519.1
55°	1028.6	989.8	947.7	901.5	853.8	810.9	765.4	719.6	673.3	623.1	578.6
52.5°	1194.6	1146.2	1092.2	1032.3	976.3	919.5	860.3	808.3	751.8	696.0	640.6
50°	1406.1	1337.5	1263.1	1187.5	1118.1	1043.2	973.6	905.3	836.8	772.3	707.7
47.5°	1659.3	1568.6	1466.9	1373.1	1281.1	1188.2	1102.6	1012.2	933.7	852.5	780.7
45°	1967.3	1846.4	1715.8	1596.7	1467.4	1355.2	1246.0	1142.1	1038.9	947.1	855.6
42.5°	2361.0	2184.8	2019.0	1861.0	1698.1	1550.6	1405.1	1282.0	1160.9	1047.3	944.1
40°	2867.4	2610.7	2397.7	2170.9	1973.8	1776.2	1602.3	1431.7	1294.1	1159.5	1033.6
37.5°	3465.2	3164.7	2860.6	2550.2	2293.5	2045.3	1821.4	1620.5	1433.4	1280.4	1135.1
35°	4097.4	3758.0	3393.7	3030.1	2655.3	2354.7	2070.2	1822.7	1604.4	1406.9	1239.5
32.5°	4728.2	4355.6	3954.5	3539.7	3118.7	2697.8	2356.3	2049.8	1776.6	1551.8	1353.7
30°	5358.7	4949.7	4510.4	4057.4	3595.5	3123.1	2657.2	2299.1	1978.4	1696.4	1468.5
27.5°	5991.2	5548.0	5067.2	4568.9	4071.0	3555.9	3039.5	2556.3	2181.7	1863.1	1594.6
25°	6624.4	6128.9	5612.7	5070.2	4527.3	3979.8	3409.2	2870.6	2409.7	2029.8	1710.8
22.5°	7259.6	6703.2	6127.7	5545.0	4961.2	4376.1	3779.0	3178.4	2625.8	2199.4	1846.7
20°	7887.1	7262.2	6632.2	6000.6	5371.3	4745.6	4121.4	3480.3	2879.7	2375.0	1973.6
17.5°	8491.6	7797.4	7113.5	6428.8	5755.6	5092.3	4428.4	3758.9	3106.5	2531.2	2085.7
15°	9067.3	8309.8	7567.0	6831.8	6105.5	5393.0	4700.3	4003.5	3312.8	2694.3	2208.5
12.5°	9610.5	8783.8	7974.6	7176.7	6404.9	5658.1	4938.0	4218.2	3507.0	2853.1	2318.0
10°	10074.4	9187.5	8316.6	7475.1	6664.2	5883.7	5134.1	4399.9	3673.5	2985.2	2407.6
7.5°	10451.7	9512.2	8593.8	7710.9	6867.5	6063.2	5285.6	4539.3	3805.4	3088.4	2476.7
5°	10727.4	9750.9	8799.2	7885.7	7008.3	6193.9	5392.5	4634.6	3900.9	3161.9	2525.0
2.5°	10898.3	9895.3	8921.3	7991.8	7090.3	6272.4	5454.5	4692.3	3955.5	3202.3	2555.4
0°	10930.0	9962.9	8959.7	8003.1	7137.3	6295.9	5470.8	4713.2	3969.6	3210.8	2564.9
-2.5°	10898.3	9895.3	8921.3	7991.8	7090.3	6272.4	5454.5	4692.3	3955.5	3202.3	2555.4
-5°	10727.4	9750.9	8799.2	7885.7	7008.3	6193.9	5392.5	4634.6	3900.9	3161.9	2525.0
-7.5°	10451.7	9512.2	8593.8	7710.9	6867.5	6063.2	5285.6	4539.3	3805.4	3088.4	2476.7
-10°	10074.4	9187.5	8316.6	7475.1	6664.2	5883.7	5134.1	4399.9	3673.5	2985.2	2407.6
-12.5°	9610.5	8783.8	7974.6	7176.7	6404.9	5658.1	4938.0	4218.2	3507.0	2853.1	2318.0
-15°	9067.3	8309.8	7567.0	6831.8	6105.5	5393.0	4700.3	4003.5	3312.8	2694.3	2208.5
-17.5°	8491.6	7797.4	7113.5	6428.8	5755.6	5092.3	4428.4	3758.9	3106.5	2531.2	2085.7
-20°	7887.1	7262.2	6632.2	6000.6	5371.3	4745.6	4121.4	3480.3	2879.7	2375.0	1973.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627323 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4B-727-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7259.6	6703.2	6127.7	5545.0	4961.2	4376.1	3779.0	3178.4	2625.8	2199.4	1846.7
-25°	6624.4	6128.9	5612.7	5070.2	4527.3	3979.8	3409.2	2870.6	2409.7	2029.8	1710.8
-27.5°	5991.2	5548.0	5067.2	4568.9	4071.0	3555.9	3039.5	2556.3	2181.7	1863.1	1594.6
-30°	5358.7	4949.7	4510.4	4057.4	3595.5	3123.1	2657.2	2299.1	1978.4	1696.4	1468.5
-32.5°	4728.2	4355.6	3954.5	3539.7	3118.7	2697.8	2356.3	2049.8	1776.6	1551.8	1353.7
-35°	4097.4	3758.0	3393.7	3030.1	2655.3	2354.7	2070.2	1822.7	1604.4	1406.9	1239.5
-37.5°	3465.2	3164.7	2860.6	2550.2	2293.5	2045.3	1821.4	1620.5	1433.4	1280.4	1135.1
-40°	2867.4	2610.7	2397.7	2170.9	1973.8	1776.2	1602.3	1431.7	1294.1	1159.5	1033.6
-42.5°	2361.0	2184.8	2019.0	1861.0	1698.1	1550.6	1405.1	1282.0	1160.9	1047.3	944.1
-45°	1967.3	1846.4	1715.8	1596.7	1467.4	1355.2	1246.0	1142.1	1038.9	947.1	855.6
-47.5°	1659.3	1568.6	1466.9	1373.1	1281.1	1188.2	1102.6	1012.2	933.7	852.5	780.7
-50°	1406.1	1337.5	1263.1	1187.5	1118.1	1043.2	973.6	905.3	836.8	772.3	707.7
-52.5°	1194.6	1146.2	1092.2	1032.3	976.3	919.5	860.3	808.3	751.8	696.0	640.6
-55°	1028.6	989.8	947.7	901.5	853.8	810.9	765.4	719.6	673.3	623.1	578.6
-57.5°	888.7	856.5	823.6	788.2	750.7	714.6	677.4	637.4	599.3	559.5	519.1
-60°	766.7	740.7	715.5	688.2	658.6	626.9	596.2	564.1	530.5	497.6	463.9
-62.5°	656.3	641.8	618.6	594.7	571.5	548.0	520.1	492.0	464.9	437.6	409.3
-65°	548.2	533.3	516.5	502.0	484.6	464.1	441.1	421.0	401.1	379.3	355.2
-67.5°	454.3	443.2	430.6	417.2	404.3	389.3	374.0	357.5	340.3	321.0	302.5
-70°	378.9	371.9	362.9	351.6	339.8	327.2	314.2	299.7	282.7	264.3	249.7
-72.5°	317.2	312.8	306.2	296.2	284.8	272.9	260.4	246.2	229.9	211.5	197.6
-75°	261.9	259.0	253.9	244.5	234.3	223.2	211.4	196.9	180.3	161.5	147.8
-77.5°	206.0	204.6	201.8	194.1	186.3	178.4	168.5	151.7	135.0	118.9	108.5
-80°	148.2	148.2	146.8	141.0	135.0	128.7	121.1	108.2	95.7	84.1	75.9
-82.5°	93.8	92.2	90.0	86.9	83.8	80.6	76.9	68.8	60.9	53.4	47.2
-85°	41.9	40.7	39.4	39.4	39.2	38.7	37.8	33.9	30.2	26.7	23.6
-87.5°	7.1	7.2	7.3	7.7	8.1	8.4	8.6	8.3	8.0	7.7	7.4
-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: P627323 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-727-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°	8.3	9.0	9.6	10.0	10.3	10.5	10.5	10.3	9.9	9.4	8.7
85°	24.7	25.2	25.1	24.4	22.7	21.0	21.0	20.6	19.8	18.7	17.3
82.5°	49.0	50.5	51.4	51.0	47.9	44.5	41.0	37.2	33.2	28.6	26.0
80°	78.7	80.5	81.0	79.7	74.1	68.1	62.8	57.4	52.1	46.1	39.5
77.5°	110.8	112.1	112.4	110.3	103.2	95.5	87.2	78.5	71.1	63.6	55.3
75°	145.3	145.7	145.4	141.6	132.9	122.9	112.9	102.0	91.2	81.1	71.1
72.5°	190.1	184.0	179.4	173.3	163.7	152.4	139.6	125.2	111.5	98.6	86.6
70°	236.9	224.0	214.0	204.7	194.0	182.2	167.9	149.8	131.4	115.7	101.2
67.5°	285.8	269.8	253.7	236.8	223.7	210.3	195.9	174.1	152.0	132.6	115.5
65°	333.4	313.6	295.4	273.5	254.4	238.1	221.8	197.1	171.9	149.3	129.4
62.5°	381.4	354.9	332.0	308.3	285.2	265.0	246.6	218.5	191.0	165.2	142.7
60°	430.7	399.6	368.5	341.1	315.1	290.5	267.6	239.3	209.4	180.5	155.3
57.5°	481.8	444.5	408.9	374.8	344.4	316.1	287.8	258.4	227.3	195.9	166.6
55°	533.3	491.1	449.4	410.3	374.3	342.1	308.7	276.7	244.3	211.0	175.7
52.5°	588.6	539.2	492.1	446.5	405.3	367.4	331.1	294.6	260.6	225.4	185.5
50°	647.2	590.1	536.3	485.3	436.0	393.8	352.9	314.2	276.5	239.4	194.7
47.5°	708.8	644.1	582.8	524.4	470.9	419.4	375.7	333.5	292.0	253.2	203.1
45°	776.6	699.7	630.7	566.5	504.3	448.5	398.2	352.1	308.7	263.1	210.6
42.5°	844.7	759.6	680.3	607.3	540.8	477.8	419.8	371.5	324.8	272.1	218.0
40°	923.2	820.9	730.2	651.1	576.7	505.8	444.7	390.1	339.8	281.1	225.2
37.5°	999.8	886.8	784.7	692.9	612.2	537.4	468.7	407.8	351.6	290.9	231.8
35°	1090.1	954.9	836.6	737.1	648.8	567.4	491.3	425.9	364.6	300.3	237.6
32.5°	1177.8	1024.2	895.0	782.4	683.3	595.9	515.3	444.4	377.8	309.2	242.6
30°	1274.1	1099.6	950.0	824.8	717.5	625.2	539.4	461.9	391.1	317.7	247.6
27.5°	1366.6	1169.1	1003.6	869.7	753.7	652.6	561.7	478.2	404.4	326.5	253.7
25°	1458.3	1244.2	1062.6	912.5	787.0	677.5	582.3	493.5	417.5	336.4	259.2
22.5°	1557.8	1316.8	1115.8	951.0	817.1	700.3	601.8	510.2	429.6	345.8	264.0
20°	1649.3	1382.4	1163.3	987.8	846.9	724.8	620.2	525.2	440.4	354.6	268.1
17.5°	1735.6	1449.1	1216.3	1027.6	875.2	746.5	636.3	538.3	449.9	362.8	271.4
15°	1826.2	1515.3	1264.0	1062.1	899.6	765.2	650.2	549.6	458.1	370.1	274.5
12.5°	1903.5	1571.3	1304.1	1091.1	920.1	780.8	661.7	559.0	465.0	376.3	277.3
10°	1967.3	1616.8	1336.4	1114.5	936.7	793.4	670.9	566.6	470.7	381.2	278.9
7.5°	2016.9	1651.6	1360.9	1132.2	949.4	803.2	678.6	572.6	475.1	384.6	279.2
5°	2051.6	1675.8	1378.8	1144.6	959.0	810.2	684.1	576.5	478.1	386.4	278.4
2.5°	2069.8	1689.5	1389.9	1151.3	964.5	814.0	687.2	578.5	479.6	386.7	276.5
0°	2072.6	1692.1	1393.0	1152.1	965.9	814.6	687.8	578.4	479.5	385.2	273.5
-2.5°	2069.8	1689.5	1389.9	1151.3	964.5	814.0	687.2	578.5	479.6	386.7	276.5
-5°	2051.6	1675.8	1378.8	1144.6	959.0	810.2	684.1	576.5	478.1	386.4	278.4
-7.5°	2016.9	1651.6	1360.9	1132.2	949.4	803.2	678.6	572.6	475.1	384.6	279.2
-10°	1967.3	1616.8	1336.4	1114.5	936.7	793.4	670.9	566.6	470.7	381.2	278.9
-12.5°	1903.5	1571.3	1304.1	1091.1	920.1	780.8	661.7	559.0	465.0	376.3	277.3
-15°	1826.2	1515.3	1264.0	1062.1	899.6	765.2	650.2	549.6	458.1	370.1	274.5
-17.5°	1735.6	1449.1	1216.3	1027.6	875.2	746.5	636.3	538.3	449.9	362.8	271.4
-20°	1649.3	1382.4	1163.3	987.8	846.9	724.8	620.2	525.2	440.4	354.6	268.1

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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°	1557.8	1316.8	1115.8	951.0	817.1	700.3	601.8	510.2	429.6	345.8	264.0
-25°	1458.3	1244.2	1062.6	912.5	787.0	677.5	582.3	493.5	417.5	336.4	259.2
-27.5°	1366.6	1169.1	1003.6	869.7	753.7	652.6	561.7	478.2	404.4	326.5	253.7
-30°	1274.1	1099.6	950.0	824.8	717.5	625.2	539.4	461.9	391.1	317.7	247.6
-32.5°	1177.8	1024.2	895.0	782.4	683.3	595.9	515.3	444.4	377.8	309.2	242.6
-35°	1090.1	954.9	836.6	737.1	648.8	567.4	491.3	425.9	364.6	300.3	237.6
-37.5°	999.8	886.8	784.7	692.9	612.2	537.4	468.7	407.8	351.6	290.9	231.8
-40°	923.2	820.9	730.2	651.1	576.7	505.8	444.7	390.1	339.8	281.1	225.2
-42.5°	844.7	759.6	680.3	607.3	540.8	477.8	419.8	371.5	324.8	272.1	218.0
-45°	776.6	699.7	630.7	566.5	504.3	448.5	398.2	352.1	308.7	263.1	210.6
-47.5°	708.8	644.1	582.8	524.4	470.9	419.4	375.7	333.5	292.0	253.2	203.1
-50°	647.2	590.1	536.3	485.3	436.0	393.8	352.9	314.2	276.5	239.4	194.7
-52.5°	588.6	539.2	492.1	446.5	405.3	367.4	331.1	294.6	260.6	225.4	185.5
-55°	533.3	491.1	449.4	410.3	374.3	342.1	308.7	276.7	244.3	211.0	175.7
-57.5°	481.8	444.5	408.9	374.8	344.4	316.1	287.8	258.4	227.3	195.9	166.6
-60°	430.7	399.6	368.5	341.1	315.1	290.5	267.6	239.3	209.4	180.5	155.3
-62.5°	381.4	354.9	332.0	308.3	285.2	265.0	246.6	218.5	191.0	165.2	142.7
-65°	333.4	313.6	295.4	273.5	254.4	238.1	221.8	197.1	171.9	149.3	129.4
-67.5°	285.8	269.8	253.7	236.8	223.7	210.3	195.9	174.1	152.0	132.6	115.5
-70°	236.9	224.0	214.0	204.7	194.0	182.2	167.9	149.8	131.4	115.7	101.2
-72.5°	190.1	184.0	179.4	173.3	163.7	152.4	139.6	125.2	111.5	98.6	86.6
-75°	145.3	145.7	145.4	141.6	132.9	122.9	112.9	102.0	91.2	81.1	71.1
-77.5°	110.8	112.1	112.4	110.3	103.2	95.5	87.2	78.5	71.1	63.6	55.3
-80°	78.7	80.5	81.0	79.7	74.1	68.1	62.8	57.4	52.1	46.1	39.5
-82.5°	49.0	50.5	51.4	51.0	47.9	44.5	41.0	37.2	33.2	28.6	26.0
-85°	24.7	25.2	25.1	24.4	22.7	21.0	21.0	20.6	19.8	18.7	17.3
-87.5°	8.3	9.0	9.6	10.0	10.3	10.5	10.5	10.3	9.9	9.4	8.7
-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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REPORT NUMBER: P627323 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	7.8	6.1	4.5	3.2	1.9	0.8	0.0
85°	15.6	12.2	9.1	6.3	3.8	1.7	0.0
82.5°	23.4	18.2	13.6	9.4	5.7	2.5	0.0
80°	31.8	24.2	18.0	12.5	7.6	3.3	0.0
77.5°	45.3	31.5	22.4	15.5	9.5	4.1	0.0
75°	58.5	41.2	27.1	18.5	11.3	4.9	0.0
72.5°	71.3	50.5	33.6	21.5	13.1	5.7	0.0
70°	83.4	59.5	39.9	24.5	14.9	6.5	0.0
67.5°	93.8	68.1	45.9	28.4	16.6	7.3	0.0
65°	103.8	76.0	51.5	32.0	18.2	8.0	0.0
62.5°	113.2	83.3	56.9	35.5	19.8	8.7	0.0
60°	122.0	90.0	61.9	38.7	21.3	9.4	0.0
57.5°	130.0	96.3	66.6	41.8	23.2	10.1	0.0
55°	137.4	102.1	70.9	44.6	24.9	10.7	0.0
52.5°	144.2	107.5	74.9	47.2	26.7	11.3	0.0
50°	150.3	112.4	78.5	49.5	28.3	11.9	0.0
47.5°	156.0	116.8	81.7	51.6	29.9	12.5	0.0
45°	162.4	120.7	84.5	53.7	31.3	13.0	0.0
42.5°	168.1	124.1	87.0	55.5	32.7	13.5	0.0
40°	173.0	127.0	89.2	57.6	34.0	13.9	0.0
37.5°	177.3	129.4	91.2	59.6	35.3	14.3	0.0
35°	180.9	132.0	92.8	61.5	36.4	14.7	0.0
32.5°	184.1	134.5	94.0	63.3	37.4	15.1	0.0
30°	187.7	136.4	94.9	64.8	38.4	15.4	0.0
27.5°	190.7	137.8	96.9	66.2	39.2	15.6	0.0
25°	193.0	138.7	98.8	67.4	40.0	15.9	0.0
22.5°	194.6	139.7	100.6	68.5	40.6	16.1	0.0
20°	195.6	142.3	102.0	69.3	41.2	16.2	0.0
17.5°	197.8	144.4	103.3	70.0	41.6	16.4	0.0
15°	200.4	146.0	104.3	70.5	41.9	16.5	0.0
12.5°	202.3	147.2	105.0	70.8	42.2	16.5	0.0
10°	203.5	147.9	105.5	70.9	42.3	16.5	0.0
7.5°	204.0	148.2	105.7	70.9	42.4	16.5	0.0
5°	203.7	148.1	105.6	70.7	42.3	16.5	0.0
2.5°	202.9	147.6	105.3	70.3	42.2	16.4	0.0
0°	201.3	146.6	104.7	69.8	41.9	16.3	0.0
-2.5°	202.9	147.6	105.3	70.3	42.2	16.4	0.0
-5°	203.7	148.1	105.6	70.7	42.3	16.5	0.0
-7.5°	204.0	148.2	105.7	70.9	42.4	16.5	0.0
-10°	203.5	147.9	105.5	70.9	42.3	16.5	0.0
-12.5°	202.3	147.2	105.0	70.8	42.2	16.5	0.0
-15°	200.4	146.0	104.3	70.5	41.9	16.5	0.0
-17.5°	197.8	144.4	103.3	70.0	41.6	16.4	0.0
-20°	195.6	142.3	102.0	69.3	41.2	16.2	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	194.6	139.7	100.6	68.5	40.6	16.1	0.0
-25°	193.0	138.7	98.8	67.4	40.0	15.9	0.0
-27.5°	190.7	137.8	96.9	66.2	39.2	15.6	0.0
-30°	187.7	136.4	94.9	64.8	38.4	15.4	0.0
-32.5°	184.1	134.5	94.0	63.3	37.4	15.1	0.0
-35°	180.9	132.0	92.8	61.5	36.4	14.7	0.0
-37.5°	177.3	129.4	91.2	59.6	35.3	14.3	0.0
-40°	173.0	127.0	89.2	57.6	34.0	13.9	0.0
-42.5°	168.1	124.1	87.0	55.5	32.7	13.5	0.0
-45°	162.4	120.7	84.5	53.7	31.3	13.0	0.0
-47.5°	156.0	116.8	81.7	51.6	29.9	12.5	0.0
-50°	150.3	112.4	78.5	49.5	28.3	11.9	0.0
-52.5°	144.2	107.5	74.9	47.2	26.7	11.3	0.0
-55°	137.4	102.1	70.9	44.6	24.9	10.7	0.0
-57.5°	130.0	96.3	66.6	41.8	23.2	10.1	0.0
-60°	122.0	90.0	61.9	38.7	21.3	9.4	0.0
-62.5°	113.2	83.3	56.9	35.5	19.8	8.7	0.0
-65°	103.8	76.0	51.5	32.0	18.2	8.0	0.0
-67.5°	93.8	68.1	45.9	28.4	16.6	7.3	0.0
-70°	83.4	59.5	39.9	24.5	14.9	6.5	0.0
-72.5°	71.3	50.5	33.6	21.5	13.1	5.7	0.0
-75°	58.5	41.2	27.1	18.5	11.3	4.9	0.0
-77.5°	45.3	31.5	22.4	15.5	9.5	4.1	0.0
-80°	31.8	24.2	18.0	12.5	7.6	3.3	0.0
-82.5°	23.4	18.2	13.6	9.4	5.7	2.5	0.0
-85°	15.6	12.2	9.1	6.3	3.8	1.7	0.0
-87.5°	7.8	6.1	4.5	3.2	1.9	0.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)