

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: P626903 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA2C-727-U-WR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P626903 (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-SA2C-727-U-WR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, WIDE SYMMETRICAL ROUND N41
Light Source: (32) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

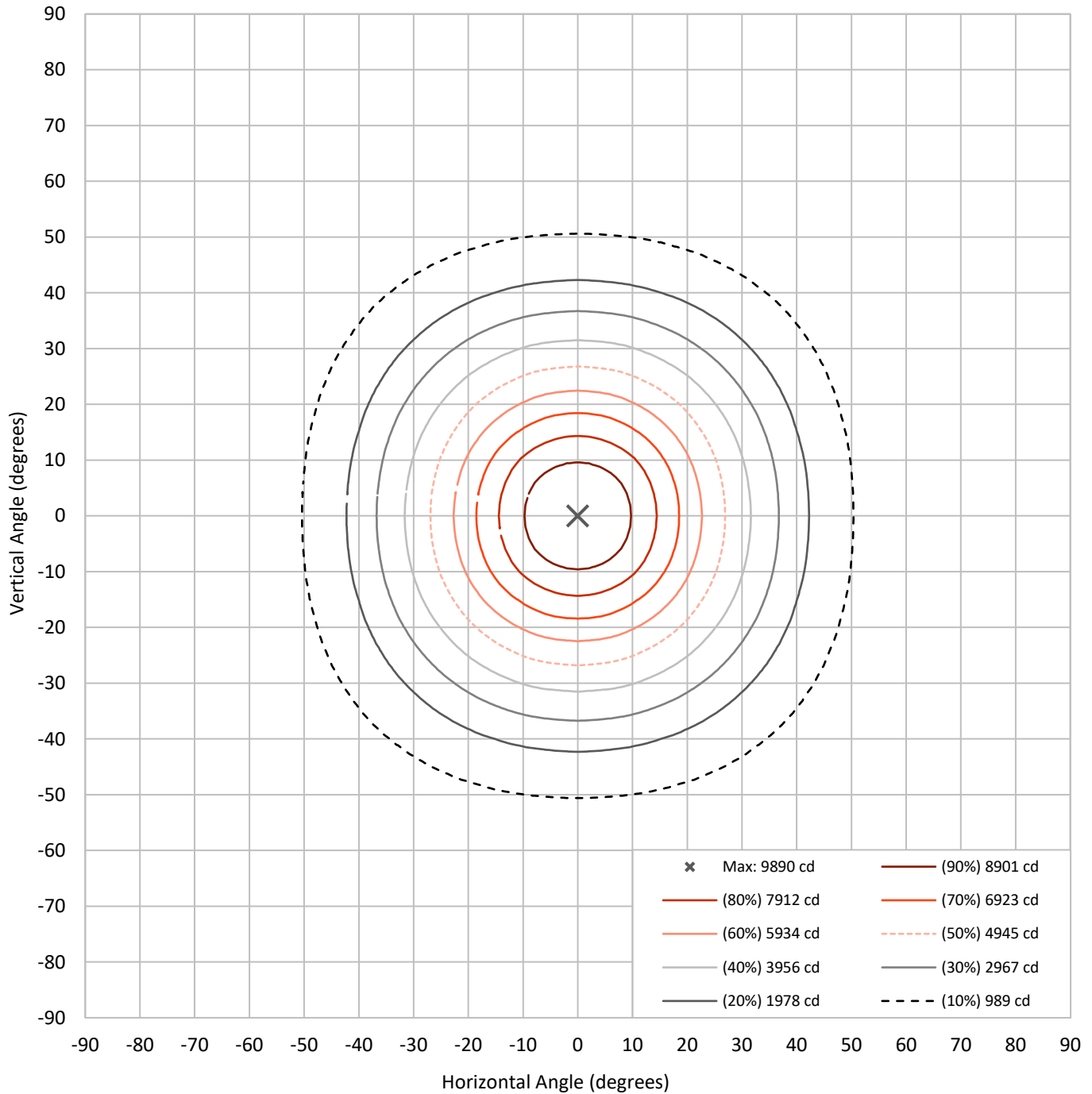
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	10065.7 lumens	Max Intensity:	9890 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	82.7 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' 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:	4812.8 lumens	Field Lumens:	8883.3 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	121.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





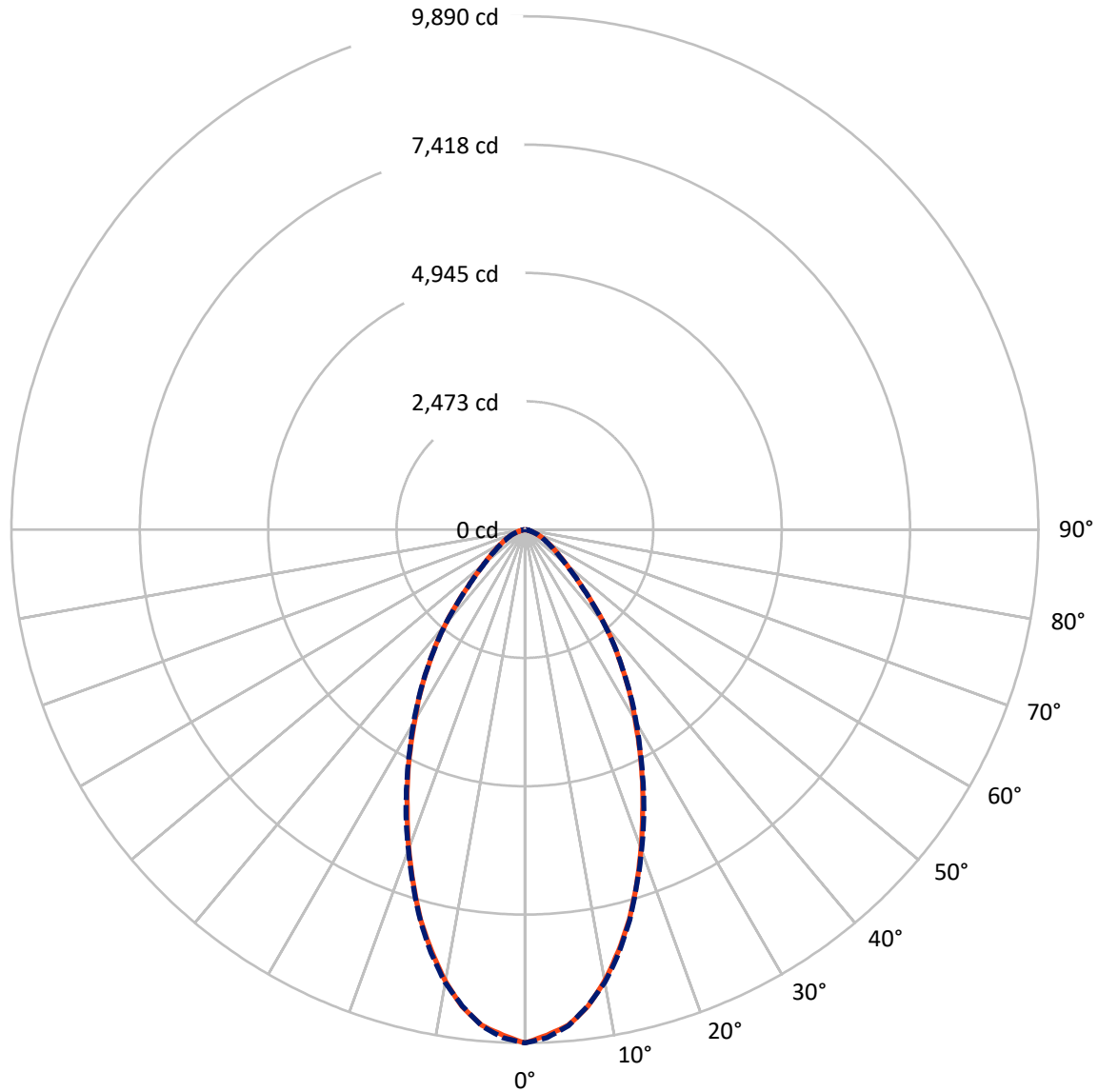
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Lumen Table

90																			
80	0.4	2.8		6.3		10.5		9.0		10.5		6.3		2.8		0.4			
70																			
60	1.3	1.5	2.9	4.6	6.7	8.7	10.2	10.9	10.9	10.2	8.7	6.7	4.6	2.9	1.5	1.3			
		2.2	4.4	7.6	11.6	15.9	19.9	22.2	22.2	19.9	15.9	11.6	7.6	4.4	2.2				
50																			
40	1.9	2.8	6.0	11.3	19.0	29.2	40.3	47.7	47.7	40.3	29.2	19.0	11.3	6.0	2.8	1.9			
		3.4	7.9	16.4	31.9	56.6	82.3	97.6	97.6	82.3	56.6	31.9	16.4	7.9	3.4				
30																			
20	2.3	3.9	9.8	22.9	51.6	92.7	132.7	158.6	158.6	132.7	92.7	51.6	22.9	9.8	3.9	2.3			
		4.4	11.5	29.8	70.4	125.2	184.8	227.4	227.4	184.8	125.2	70.4	29.8	11.5	4.4				
10																			
0	2.4	4.6	12.5	34.2	81.0	145.5	221.5	278.5	278.5	221.5	145.5	81.0	34.2	12.5	4.6	2.4			
		4.6	12.5	34.2	81.0	145.5	221.5	278.5	278.5	221.5	145.5	81.0	34.2	12.5	4.6				
-10																			
-20	2.3	4.4	11.5	29.8	70.4	125.2	184.8	227.4	227.4	184.8	125.2	70.4	29.8	11.5	4.4	2.3			
		3.9	9.8	22.9	51.6	92.7	132.7	158.6	158.6	132.7	92.7	51.6	22.9	9.8	3.9				
-30																			
-40	1.9	3.4	7.9	16.4	31.9	56.6	82.3	97.6	97.6	82.3	56.6	31.9	16.4	7.9	3.4	1.9			
		2.8	6.0	11.3	19.0	29.2	40.3	47.7	47.7	40.3	29.2	19.0	11.3	6.0	2.8				
-50																			
-60	1.3	2.2	4.4	7.6	11.6	15.9	19.9	22.2	22.2	19.9	15.9	11.6	7.6	4.4	2.2	1.3			
		1.5	2.9	4.6	6.7	8.7	10.2	10.9	10.9	10.2	8.7	6.7	4.6	2.9	1.5				
-70																			
-80	0.4	2.8		6.3		10.5		9.0		10.5		6.3		2.8		0.4			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
	Horizontal Angle (degrees)																		

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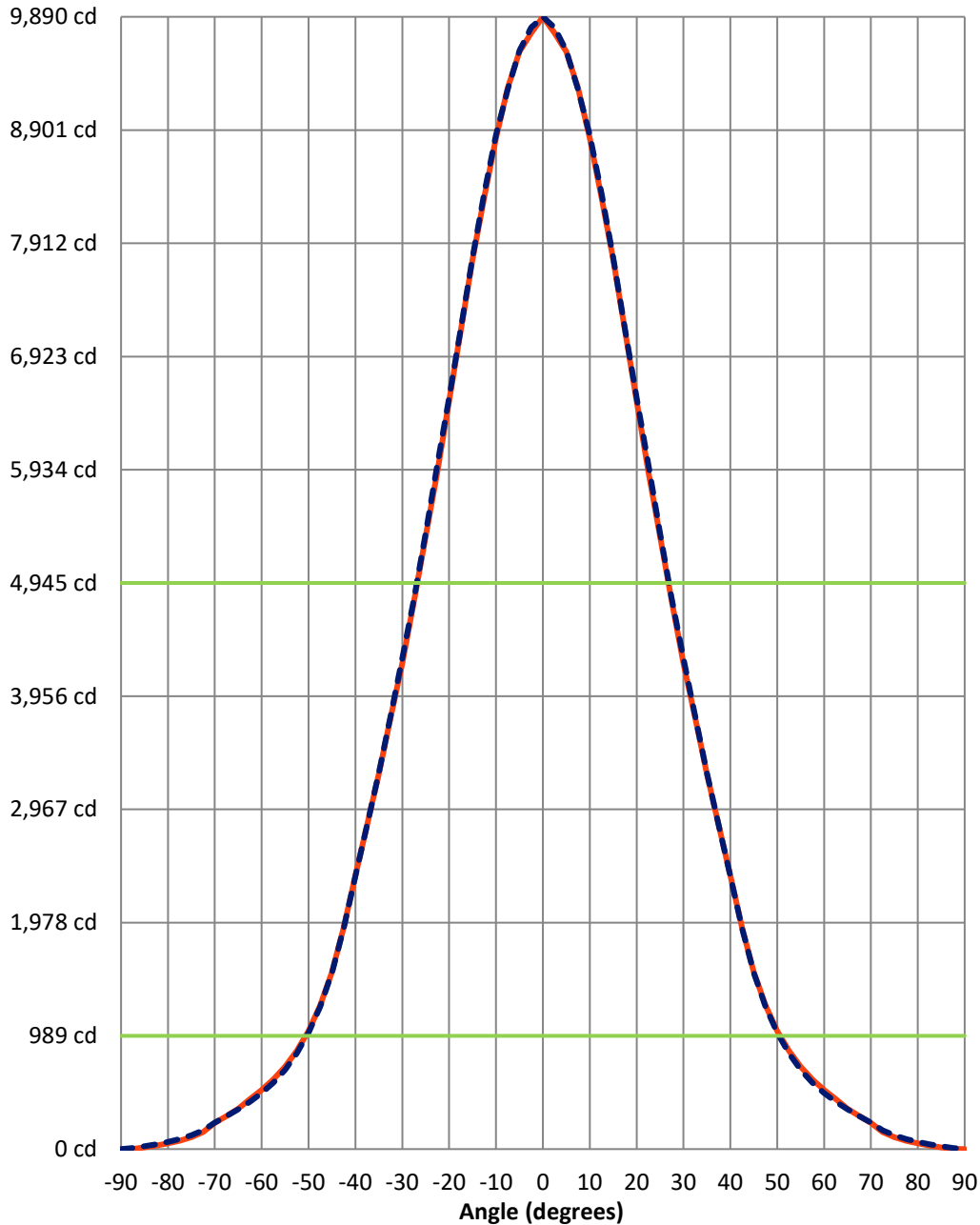
Luminous Intensity Polar Plot



— 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: 4812.8
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 8883.3
 Efficiency: 88.3%

Spill:
 Lumens: 1182.4
 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	0.5	1.2	1.9	2.7	3.7	4.7	5.2	5.6	6.0	6.2
85°	0.0	1.0	2.3	3.8	5.5	7.3	9.4	10.4	11.3	11.9	12.4
82.5°	0.0	1.5	3.5	5.7	8.2	11.0	14.0	15.6	17.2	20.0	22.4
80°	0.0	2.0	4.6	7.5	10.8	14.5	19.1	23.7	27.7	31.3	34.5
77.5°	0.0	2.5	5.7	9.3	13.5	18.9	27.2	33.2	38.2	42.6	47.1
75°	0.0	3.0	6.8	11.2	16.3	24.7	35.1	42.6	48.6	54.7	61.2
72.5°	0.0	3.4	7.9	12.9	20.2	30.3	42.8	51.9	59.2	66.9	75.2
70°	0.0	3.9	8.9	14.8	24.0	35.7	50.0	60.7	69.5	78.9	90.0
67.5°	0.0	4.4	10.0	17.1	27.5	40.9	56.3	69.3	79.7	91.3	104.5
65°	0.0	4.8	11.0	19.2	31.0	45.7	62.4	77.8	89.6	103.2	118.4
62.5°	0.0	5.2	11.9	21.3	34.2	50.0	68.0	85.7	99.2	114.7	131.2
60°	0.0	5.7	12.8	23.3	37.2	54.1	73.3	93.3	108.3	125.8	143.7
57.5°	0.0	6.1	13.9	25.1	40.0	57.9	78.1	100.0	117.6	136.5	155.2
55°	0.0	6.4	15.0	26.8	42.6	61.4	82.5	105.5	126.7	146.8	166.2
52.5°	0.0	6.8	16.0	28.3	45.0	64.6	86.6	111.4	135.4	156.5	176.9
50°	0.0	7.2	17.0	29.7	47.1	67.5	90.2	116.9	143.8	166.0	188.7
47.5°	0.0	7.5	18.0	31.0	49.1	70.1	93.7	122.0	152.0	175.3	200.3
45°	0.0	7.8	18.8	32.3	50.8	72.5	97.5	126.5	158.0	185.4	211.5
42.5°	0.0	8.1	19.7	33.4	52.2	74.5	100.9	131.0	163.4	195.0	223.1
40°	0.0	8.4	20.5	34.6	53.6	76.3	103.9	135.3	168.8	204.1	234.3
37.5°	0.0	8.6	21.2	35.8	54.7	77.7	106.5	139.2	174.7	211.2	244.9
35°	0.0	8.8	21.9	37.0	55.7	79.3	108.6	142.7	180.3	218.9	255.8
32.5°	0.0	9.1	22.5	38.0	56.5	80.8	110.6	145.7	185.7	226.9	266.9
30°	0.0	9.2	23.1	38.9	57.0	82.0	112.8	148.7	190.8	234.9	277.4
27.5°	0.0	9.4	23.6	39.8	58.2	82.8	114.6	152.3	196.1	242.9	287.3
25°	0.0	9.6	24.0	40.5	59.4	83.3	115.9	155.7	202.0	250.8	296.5
22.5°	0.0	9.7	24.4	41.1	60.4	84.0	116.9	158.5	207.7	258.0	306.5
20°	0.0	9.8	24.7	41.6	61.3	85.5	117.5	161.0	213.0	264.5	315.5
17.5°	0.0	9.8	25.0	42.0	62.0	86.7	118.8	163.0	217.9	270.2	323.4
15°	0.0	9.9	25.2	42.3	62.6	87.7	120.4	164.8	222.3	275.2	330.1
12.5°	0.0	9.9	25.4	42.5	63.1	88.4	121.5	166.5	226.1	279.3	335.8
10°	0.0	10.0	25.5	42.6	63.3	88.9	122.2	167.5	229.0	282.7	340.4
7.5°	0.0	9.9	25.5	42.6	63.5	89.1	122.5	167.7	231.0	285.4	343.9
5°	0.0	9.9	25.4	42.4	63.4	89.0	122.4	167.2	232.1	287.2	346.3
2.5°	0.0	9.9	25.4	42.2	63.3	88.7	121.8	166.1	232.3	288.1	347.4
0°	0.0	9.8	25.2	41.9	62.9	88.1	120.9	164.3	231.4	288.0	347.4
-2.5°	0.0	9.9	25.4	42.2	63.3	88.7	121.8	166.1	232.3	288.1	347.4
-5°	0.0	9.9	25.4	42.4	63.4	89.0	122.4	167.2	232.1	287.2	346.3
-7.5°	0.0	9.9	25.5	42.6	63.5	89.1	122.5	167.7	231.0	285.4	343.9
-10°	0.0	10.0	25.5	42.6	63.3	88.9	122.2	167.5	229.0	282.7	340.4
-12.5°	0.0	9.9	25.4	42.5	63.1	88.4	121.5	166.5	226.1	279.3	335.8
-15°	0.0	9.9	25.2	42.3	62.6	87.7	120.4	164.8	222.3	275.2	330.1
-17.5°	0.0	9.8	25.0	42.0	62.0	86.7	118.8	163.0	217.9	270.2	323.4
-20°	0.0	9.8	24.7	41.6	61.3	85.5	117.5	161.0	213.0	264.5	315.5

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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	9.7	24.4	41.1	60.4	84.0	116.9	158.5	207.7	258.0	306.5
-25°	0.0	9.6	24.0	40.5	59.4	83.3	115.9	155.7	202.0	250.8	296.5
-27.5°	0.0	9.4	23.6	39.8	58.2	82.8	114.6	152.3	196.1	242.9	287.3
-30°	0.0	9.2	23.1	38.9	57.0	82.0	112.8	148.7	190.8	234.9	277.4
-32.5°	0.0	9.1	22.5	38.0	56.5	80.8	110.6	145.7	185.7	226.9	266.9
-35°	0.0	8.8	21.9	37.0	55.7	79.3	108.6	142.7	180.3	218.9	255.8
-37.5°	0.0	8.6	21.2	35.8	54.7	77.7	106.5	139.2	174.7	211.2	244.9
-40°	0.0	8.4	20.5	34.6	53.6	76.3	103.9	135.3	168.8	204.1	234.3
-42.5°	0.0	8.1	19.7	33.4	52.2	74.5	100.9	131.0	163.4	195.0	223.1
-45°	0.0	7.8	18.8	32.3	50.8	72.5	97.5	126.5	158.0	185.4	211.5
-47.5°	0.0	7.5	18.0	31.0	49.1	70.1	93.7	122.0	152.0	175.3	200.3
-50°	0.0	7.2	17.0	29.7	47.1	67.5	90.2	116.9	143.8	166.0	188.7
-52.5°	0.0	6.8	16.0	28.3	45.0	64.6	86.6	111.4	135.4	156.5	176.9
-55°	0.0	6.4	15.0	26.8	42.6	61.4	82.5	105.5	126.7	146.8	166.2
-57.5°	0.0	6.1	13.9	25.1	40.0	57.9	78.1	100.0	117.6	136.5	155.2
-60°	0.0	5.7	12.8	23.3	37.2	54.1	73.3	93.3	108.3	125.8	143.7
-62.5°	0.0	5.2	11.9	21.3	34.2	50.0	68.0	85.7	99.2	114.7	131.2
-65°	0.0	4.8	11.0	19.2	31.0	45.7	62.4	77.8	89.6	103.2	118.4
-67.5°	0.0	4.4	10.0	17.1	27.5	40.9	56.3	69.3	79.7	91.3	104.5
-70°	0.0	3.9	8.9	14.8	24.0	35.7	50.0	60.7	69.5	78.9	90.0
-72.5°	0.0	3.4	7.9	12.9	20.2	30.3	42.8	51.9	59.2	66.9	75.2
-75°	0.0	3.0	6.8	11.2	16.3	24.7	35.1	42.6	48.6	54.7	61.2
-77.5°	0.0	2.5	5.7	9.3	13.5	18.9	27.2	33.2	38.2	42.6	47.1
-80°	0.0	2.0	4.6	7.5	10.8	14.5	19.1	23.7	27.7	31.3	34.5
-82.5°	0.0	1.5	3.5	5.7	8.2	11.0	14.0	15.6	17.2	20.0	22.4
-85°	0.0	1.0	2.3	3.8	5.5	7.3	9.4	10.4	11.3	11.9	12.4
-87.5°	0.0	0.5	1.2	1.9	2.7	3.7	4.7	5.2	5.6	6.0	6.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.3	6.3	6.2	6.0	5.8	5.4	5.0	4.5	4.6	4.8	5.0
85°	12.6	12.6	13.7	14.6	15.1	15.1	14.8	14.2	16.0	18.2	20.4
82.5°	24.6	26.7	28.7	30.6	30.8	30.4	29.4	28.4	32.1	36.6	41.3
80°	37.7	40.8	44.5	47.9	48.7	48.3	47.3	45.5	50.5	57.5	65.0
77.5°	52.3	57.3	62.0	66.3	67.5	67.3	66.5	65.2	71.4	81.1	91.2
75°	67.8	73.8	79.8	85.1	87.3	87.5	87.3	88.8	97.0	108.3	118.3
72.5°	83.9	91.6	98.3	104.1	107.7	110.5	114.2	118.6	127.0	138.1	147.9
70°	100.8	109.4	116.5	123.0	128.5	134.5	142.3	150.0	158.8	169.9	180.0
67.5°	117.6	126.3	134.4	142.3	152.4	162.0	171.7	181.7	192.8	204.4	214.7
65°	133.2	143.0	152.8	164.3	177.4	188.4	200.3	213.3	227.8	240.9	252.8
62.5°	148.1	159.2	171.3	185.2	199.4	213.2	229.1	245.8	262.8	279.2	295.5
60°	160.7	174.5	189.2	204.9	221.3	240.0	258.7	278.6	298.8	318.6	338.8
57.5°	172.8	189.8	206.9	225.1	245.6	266.9	289.3	311.8	336.0	360.0	382.9
55°	185.4	205.5	224.8	246.4	269.9	295.0	320.3	347.5	374.3	404.4	432.3
52.5°	198.8	220.7	243.4	268.1	295.5	323.8	353.6	384.8	418.1	451.6	485.5
50°	212.0	236.5	261.8	291.5	322.1	354.5	388.8	425.1	463.9	502.6	543.7
47.5°	225.7	251.9	282.8	315.0	350.1	386.9	425.7	469.0	512.0	560.8	608.0
45°	239.2	269.3	302.9	340.3	378.8	420.3	466.5	513.9	568.9	624.0	685.9
42.5°	252.1	287.0	324.8	364.8	408.6	456.3	507.4	567.1	629.0	697.3	770.0
40°	267.1	303.8	346.4	391.1	438.6	493.1	554.5	620.8	696.4	777.2	859.9
37.5°	281.5	322.8	367.7	416.2	471.3	532.7	600.5	681.8	769.0	860.9	973.3
35°	295.1	340.9	389.7	442.8	502.5	573.5	654.7	744.5	845.0	963.6	1094.8
32.5°	309.5	357.9	410.4	470.0	537.5	615.1	707.4	813.1	932.1	1067.1	1231.1
30°	324.0	375.5	431.0	495.4	570.6	660.5	765.3	882.0	1018.9	1188.3	1380.9
27.5°	337.4	392.0	452.7	522.4	602.7	702.2	820.8	957.7	1119.0	1310.4	1535.4
25°	349.8	407.0	472.7	548.1	638.2	747.3	875.9	1027.5	1219.2	1447.4	1724.1
22.5°	361.5	420.6	490.8	571.2	670.2	790.9	935.7	1109.2	1321.1	1577.1	1909.0
20°	372.5	435.4	508.7	593.3	698.8	830.3	990.6	1185.4	1426.5	1729.6	2090.4
17.5°	382.2	448.4	525.7	617.2	730.6	870.4	1042.5	1252.7	1520.3	1865.8	2257.7
15°	390.5	459.6	540.4	637.9	759.2	910.2	1096.9	1326.5	1618.2	1989.7	2404.6
12.5°	397.5	469.0	552.7	655.3	783.3	943.8	1143.3	1392.3	1713.6	2106.4	2533.6
10°	403.0	476.5	562.7	669.4	802.7	971.1	1181.6	1446.1	1793.0	2206.4	2642.7
7.5°	407.6	482.4	570.3	680.1	817.4	992.0	1211.4	1487.6	1855.0	2285.6	2726.5
5°	410.9	486.7	576.1	687.5	828.2	1006.5	1232.3	1516.7	1899.1	2343.0	2783.7
2.5°	412.7	488.9	579.4	691.5	834.8	1014.8	1243.2	1534.9	1923.4	2375.7	2818.3
0°	413.1	489.3	580.2	692.0	836.7	1016.3	1244.9	1540.6	1928.5	2384.2	2830.9
-2.5°	412.7	488.9	579.4	691.5	834.8	1014.8	1243.2	1534.9	1923.4	2375.7	2818.3
-5°	410.9	486.7	576.1	687.5	828.2	1006.5	1232.3	1516.7	1899.1	2343.0	2783.7
-7.5°	407.6	482.4	570.3	680.1	817.4	992.0	1211.4	1487.6	1855.0	2285.6	2726.5
-10°	403.0	476.5	562.7	669.4	802.7	971.1	1181.6	1446.1	1793.0	2206.4	2642.7
-12.5°	397.5	469.0	552.7	655.3	783.3	943.8	1143.3	1392.3	1713.6	2106.4	2533.6
-15°	390.5	459.6	540.4	637.9	759.2	910.2	1096.9	1326.5	1618.2	1989.7	2404.6
-17.5°	382.2	448.4	525.7	617.2	730.6	870.4	1042.5	1252.7	1520.3	1865.8	2257.7
-20°	372.5	435.4	508.7	593.3	698.8	830.3	990.6	1185.4	1426.5	1729.6	2090.4

Classified

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REPORT NUMBER: P626903 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2C-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°	361.5	420.6	490.8	571.2	670.2	790.9	935.7	1109.2	1321.1	1577.1	1909.0
-25°	349.8	407.0	472.7	548.1	638.2	747.3	875.9	1027.5	1219.2	1447.4	1724.1
-27.5°	337.4	392.0	452.7	522.4	602.7	702.2	820.8	957.7	1119.0	1310.4	1535.4
-30°	324.0	375.5	431.0	495.4	570.6	660.5	765.3	882.0	1018.9	1188.3	1380.9
-32.5°	309.5	357.9	410.4	470.0	537.5	615.1	707.4	813.1	932.1	1067.1	1231.1
-35°	295.1	340.9	389.7	442.8	502.5	573.5	654.7	744.5	845.0	963.6	1094.8
-37.5°	281.5	322.8	367.7	416.2	471.3	532.7	600.5	681.8	769.0	860.9	973.3
-40°	267.1	303.8	346.4	391.1	438.6	493.1	554.5	620.8	696.4	777.2	859.9
-42.5°	252.1	287.0	324.8	364.8	408.6	456.3	507.4	567.1	629.0	697.3	770.0
-45°	239.2	269.3	302.9	340.3	378.8	420.3	466.5	513.9	568.9	624.0	685.9
-47.5°	225.7	251.9	282.8	315.0	350.1	386.9	425.7	469.0	512.0	560.8	608.0
-50°	212.0	236.5	261.8	291.5	322.1	354.5	388.8	425.1	463.9	502.6	543.7
-52.5°	198.8	220.7	243.4	268.1	295.5	323.8	353.6	384.8	418.1	451.6	485.5
-55°	185.4	205.5	224.8	246.4	269.9	295.0	320.3	347.5	374.3	404.4	432.3
-57.5°	172.8	189.8	206.9	225.1	245.6	266.9	289.3	311.8	336.0	360.0	382.9
-60°	160.7	174.5	189.2	204.9	221.3	240.0	258.7	278.6	298.8	318.6	338.8
-62.5°	148.1	159.2	171.3	185.2	199.4	213.2	229.1	245.8	262.8	279.2	295.5
-65°	133.2	143.0	152.8	164.3	177.4	188.4	200.3	213.3	227.8	240.9	252.8
-67.5°	117.6	126.3	134.4	142.3	152.4	162.0	171.7	181.7	192.8	204.4	214.7
-70°	100.8	109.4	116.5	123.0	128.5	134.5	142.3	150.0	158.8	169.9	180.0
-72.5°	83.9	91.6	98.3	104.1	107.7	110.5	114.2	118.6	127.0	138.1	147.9
-75°	67.8	73.8	79.8	85.1	87.3	87.5	87.3	88.8	97.0	108.3	118.3
-77.5°	52.3	57.3	62.0	66.3	67.5	67.3	66.5	65.2	71.4	81.1	91.2
-80°	37.7	40.8	44.5	47.9	48.7	48.3	47.3	45.5	50.5	57.5	65.0
-82.5°	24.6	26.7	28.7	30.6	30.8	30.4	29.4	28.4	32.1	36.6	41.3
-85°	12.6	12.6	13.7	14.6	15.1	15.1	14.8	14.2	16.0	18.2	20.4
-87.5°	6.3	6.3	6.2	6.0	5.8	5.4	5.0	4.5	4.6	4.8	5.0
-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: P626903 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-727-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°	5.2	5.0	4.9	4.7	4.4	4.4	4.3	4.2	4.1	3.8	3.4
85°	22.8	23.3	23.6	23.7	23.7	24.4	25.2	25.8	26.4	23.9	21.2
82.5°	46.2	48.4	50.3	52.2	54.1	55.3	56.3	57.0	57.5	52.0	45.9
80°	72.8	77.3	81.1	84.7	88.2	89.0	89.0	88.5	87.6	80.1	71.7
77.5°	101.2	107.2	111.9	116.6	121.2	122.9	123.7	124.4	124.8	115.6	104.2
75°	127.0	134.1	140.7	146.9	152.5	155.5	157.3	158.8	159.9	150.7	138.5
72.5°	156.4	163.9	171.1	177.9	183.9	187.9	190.5	192.7	194.3	189.1	181.5
70°	188.7	196.5	204.1	211.2	218.0	223.3	227.5	231.2	234.2	234.8	234.5
67.5°	224.6	233.8	242.8	250.5	258.6	266.2	272.9	278.4	282.8	285.8	287.4
65°	264.9	278.7	291.0	301.5	310.3	320.4	329.3	336.1	340.9	344.5	347.6
62.5°	312.4	329.2	343.3	357.2	371.6	385.5	394.2	403.0	411.5	419.6	426.5
60°	358.1	376.5	395.6	413.4	429.8	444.9	460.6	474.4	486.6	496.7	504.3
57.5°	406.9	429.3	450.9	473.4	494.6	514.4	533.8	551.6	567.0	580.0	590.6
55°	459.7	487.0	512.8	541.4	569.2	594.5	617.8	641.7	663.2	682.1	697.2
52.5°	516.6	552.2	586.4	620.0	656.0	688.5	717.6	750.6	780.0	804.3	823.2
50°	584.7	626.5	671.6	713.2	758.6	803.3	844.5	884.4	923.5	957.3	984.6
47.5°	662.2	713.7	769.4	824.7	881.0	942.1	996.7	1047.3	1101.9	1149.3	1187.3
45°	748.3	813.9	881.3	959.0	1030.5	1109.0	1181.7	1246.9	1324.3	1392.5	1447.4
42.5°	843.9	931.3	1019.9	1117.8	1212.7	1312.3	1418.1	1512.0	1614.7	1712.5	1791.6
40°	962.4	1066.9	1185.6	1303.9	1440.1	1568.1	1722.3	1862.4	1989.6	2106.3	2201.9
37.5°	1094.0	1228.5	1377.6	1531.8	1718.2	1900.9	2081.3	2251.7	2402.1	2529.8	2637.0
35°	1243.4	1414.3	1594.9	1820.0	2038.4	2257.2	2461.0	2647.3	2810.9	2955.0	3077.5
32.5°	1415.3	1620.4	1873.2	2126.1	2375.2	2616.1	2839.9	3043.0	3222.4	3384.2	3525.1
30°	1596.0	1875.8	2159.6	2437.0	2709.1	2973.0	3218.6	3442.3	3645.0	3825.1	3987.5
27.5°	1825.6	2135.7	2445.1	2744.2	3043.6	3332.3	3598.5	3847.0	4079.7	4283.2	4468.8
25°	2047.7	2390.4	2719.3	3045.4	3371.2	3681.2	3978.8	4259.5	4526.0	4759.6	4966.7
22.5°	2269.8	2628.4	2979.9	3330.5	3680.5	4026.1	4360.3	4681.9	4979.9	5245.9	5479.1
20°	2475.5	2850.4	3226.2	3604.2	3983.5	4361.9	4737.3	5099.2	5431.1	5738.3	6008.2
17.5°	2659.8	3058.6	3457.0	3861.3	4272.5	4683.4	5100.3	5506.1	5885.5	6235.0	6548.1
15°	2823.1	3239.2	3667.1	4103.4	4545.0	4991.2	5446.1	5900.0	6327.2	6724.2	7073.8
12.5°	2965.9	3398.5	3847.0	4310.5	4789.9	5275.9	5772.4	6270.0	6742.9	7201.1	7578.6
10°	3083.7	3533.9	4002.7	4489.8	4995.2	5518.3	6051.0	6586.6	7107.6	7593.8	8025.4
7.5°	3174.7	3641.7	4124.8	4631.4	5161.7	5713.3	6277.6	6846.0	7402.0	7925.9	8403.4
5°	3238.9	3720.2	4209.4	4736.4	5285.1	5856.7	6443.2	7035.5	7616.8	8167.5	8662.5
2.5°	3276.1	3767.4	4258.6	4800.1	5358.4	5943.4	6545.9	7147.9	7744.5	8315.8	8824.4
0°	3285.9	3781.5	4286.9	4806.9	5381.5	5984.0	6564.9	7168.8	7788.8	8352.2	8859.0
-2.5°	3276.1	3767.4	4258.6	4800.1	5358.4	5943.4	6545.9	7147.9	7744.5	8315.8	8824.4
-5°	3238.9	3720.2	4209.4	4736.4	5285.1	5856.7	6443.2	7035.5	7616.8	8167.5	8662.5
-7.5°	3174.7	3641.7	4124.8	4631.4	5161.7	5713.3	6277.6	6846.0	7402.0	7925.9	8403.4
-10°	3083.7	3533.9	4002.7	4489.8	4995.2	5518.3	6051.0	6586.6	7107.6	7593.8	8025.4
-12.5°	2965.9	3398.5	3847.0	4310.5	4789.9	5275.9	5772.4	6270.0	6742.9	7201.1	7578.6
-15°	2823.1	3239.2	3667.1	4103.4	4545.0	4991.2	5446.1	5900.0	6327.2	6724.2	7073.8
-17.5°	2659.8	3058.6	3457.0	3861.3	4272.5	4683.4	5100.3	5506.1	5885.5	6235.0	6548.1
-20°	2475.5	2850.4	3226.2	3604.2	3983.5	4361.9	4737.3	5099.2	5431.1	5738.3	6008.2

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Scaled Data Report



REPORT NUMBER: P626903 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2C-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°	2269.8	2628.4	2979.9	3330.5	3680.5	4026.1	4360.3	4681.9	4979.9	5245.9	5479.1
-25°	2047.7	2390.4	2719.3	3045.4	3371.2	3681.2	3978.8	4259.5	4526.0	4759.6	4966.7
-27.5°	1825.6	2135.7	2445.1	2744.2	3043.6	3332.3	3598.5	3847.0	4079.7	4283.2	4468.8
-30°	1596.0	1875.8	2159.6	2437.0	2709.1	2973.0	3218.6	3442.3	3645.0	3825.1	3987.5
-32.5°	1415.3	1620.4	1873.2	2126.1	2375.2	2616.1	2839.9	3043.0	3222.4	3384.2	3525.1
-35°	1243.4	1414.3	1594.9	1820.0	2038.4	2257.2	2461.0	2647.3	2810.9	2955.0	3077.5
-37.5°	1094.0	1228.5	1377.6	1531.8	1718.2	1900.9	2081.3	2251.7	2402.1	2529.8	2637.0
-40°	962.4	1066.9	1185.6	1303.9	1440.1	1568.1	1722.3	1862.4	1989.6	2106.3	2201.9
-42.5°	843.9	931.3	1019.9	1117.8	1212.7	1312.3	1418.1	1512.0	1614.7	1712.5	1791.6
-45°	748.3	813.9	881.3	959.0	1030.5	1109.0	1181.7	1246.9	1324.3	1392.5	1447.4
-47.5°	662.2	713.7	769.4	824.7	881.0	942.1	996.7	1047.3	1101.9	1149.3	1187.3
-50°	584.7	626.5	671.6	713.2	758.6	803.3	844.5	884.4	923.5	957.3	984.6
-52.5°	516.6	552.2	586.4	620.0	656.0	688.5	717.6	750.6	780.0	804.3	823.2
-55°	459.7	487.0	512.8	541.4	569.2	594.5	617.8	641.7	663.2	682.1	697.2
-57.5°	406.9	429.3	450.9	473.4	494.6	514.4	533.8	551.6	567.0	580.0	590.6
-60°	358.1	376.5	395.6	413.4	429.8	444.9	460.6	474.4	486.6	496.7	504.3
-62.5°	312.4	329.2	343.3	357.2	371.6	385.5	394.2	403.0	411.5	419.6	426.5
-65°	264.9	278.7	291.0	301.5	310.3	320.4	329.3	336.1	340.9	344.5	347.6
-67.5°	224.6	233.8	242.8	250.5	258.6	266.2	272.9	278.4	282.8	285.8	287.4
-70°	188.7	196.5	204.1	211.2	218.0	223.3	227.5	231.2	234.2	234.8	234.5
-72.5°	156.4	163.9	171.1	177.9	183.9	187.9	190.5	192.7	194.3	189.1	181.5
-75°	127.0	134.1	140.7	146.9	152.5	155.5	157.3	158.8	159.9	150.7	138.5
-77.5°	101.2	107.2	111.9	116.6	121.2	122.9	123.7	124.4	124.8	115.6	104.2
-80°	72.8	77.3	81.1	84.7	88.2	89.0	89.0	88.5	87.6	80.1	71.7
-82.5°	46.2	48.4	50.3	52.2	54.1	55.3	56.3	57.0	57.5	52.0	45.9
-85°	22.8	23.3	23.6	23.7	23.7	24.4	25.2	25.8	26.4	23.9	21.2
-87.5°	5.2	5.0	4.9	4.7	4.4	4.4	4.3	4.2	4.1	3.8	3.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626903 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-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°	3.1	2.8	2.4	2.1	2.4	2.8	3.1	3.4	3.8	4.1	4.2
85°	18.3	15.3	15.0	14.7	15.0	15.3	18.3	21.2	23.9	26.4	25.8
82.5°	39.5	32.8	31.8	30.8	31.8	32.8	39.5	45.9	52.0	57.5	57.0
80°	62.9	53.8	52.0	50.3	52.0	53.8	62.9	71.7	80.1	87.6	88.5
77.5°	92.3	79.8	76.2	72.7	76.2	79.8	92.3	104.2	115.6	124.8	124.4
75°	125.8	112.7	108.3	104.1	108.3	112.7	125.8	138.5	150.7	159.9	158.8
72.5°	173.8	165.8	157.7	148.9	157.7	165.8	173.8	181.5	189.1	194.3	192.7
70°	234.3	233.8	231.7	228.6	231.7	233.8	234.3	234.5	234.8	234.2	231.2
67.5°	288.1	287.9	288.6	288.7	288.6	287.9	288.1	287.4	285.8	282.8	278.4
65°	349.5	350.2	351.7	352.3	351.7	350.2	349.5	347.6	344.5	340.9	336.1
62.5°	431.8	435.3	437.1	436.9	437.1	435.3	431.8	426.5	419.6	411.5	403.0
60°	509.9	513.6	516.0	516.6	516.0	513.6	509.9	504.3	496.7	486.6	474.4
57.5°	599.0	605.1	608.3	608.8	608.3	605.1	599.0	590.6	580.0	567.0	551.6
55°	708.7	716.8	720.4	720.0	720.4	716.8	708.7	697.2	682.1	663.2	641.7
52.5°	837.5	847.3	854.6	859.1	854.6	847.3	837.5	823.2	804.3	780.0	750.6
50°	1005.1	1019.1	1028.1	1031.7	1028.1	1019.1	1005.1	984.6	957.3	923.5	884.4
47.5°	1214.8	1233.4	1247.2	1256.8	1247.2	1233.4	1214.8	1187.3	1149.3	1101.9	1047.3
45°	1487.9	1516.3	1535.6	1546.9	1535.6	1516.3	1487.9	1447.4	1392.5	1324.3	1246.9
42.5°	1853.4	1897.4	1924.4	1934.8	1924.4	1897.4	1853.4	1791.6	1712.5	1614.7	1512.0
40°	2277.4	2330.4	2365.2	2389.1	2365.2	2330.4	2277.4	2201.9	2106.3	1989.6	1862.4
37.5°	2719.2	2774.8	2808.6	2831.6	2808.6	2774.8	2719.2	2637.0	2529.8	2402.1	2251.7
35°	3169.9	3228.1	3259.8	3277.5	3259.8	3228.1	3169.9	3077.5	2955.0	2810.9	2647.3
32.5°	3632.5	3696.7	3731.2	3766.8	3731.2	3696.7	3632.5	3525.1	3384.2	3222.4	3043.0
30°	4115.7	4189.3	4225.4	4242.8	4225.4	4189.3	4115.7	3987.5	3825.1	3645.0	3442.3
27.5°	4618.5	4710.3	4755.5	4785.3	4755.5	4710.3	4618.5	4468.8	4283.2	4079.7	3847.0
25°	5141.7	5255.4	5307.2	5353.5	5307.2	5255.4	5141.7	4966.7	4759.6	4526.0	4259.5
22.5°	5684.6	5826.2	5886.1	5919.0	5886.1	5826.2	5684.6	5479.1	5245.9	4979.9	4681.9
20°	6241.6	6410.8	6494.0	6536.9	6494.0	6410.8	6241.6	6008.2	5738.3	5431.1	5099.2
17.5°	6811.1	7021.6	7129.4	7154.1	7129.4	7021.6	6811.1	6548.1	6235.0	5885.5	5506.1
15°	7370.3	7597.9	7725.3	7772.0	7725.3	7597.9	7370.3	7073.8	6724.2	6327.2	5900.0
12.5°	7899.8	8135.8	8288.0	8315.1	8288.0	8135.8	7899.8	7578.6	7201.1	6742.9	6270.0
10°	8380.1	8624.5	8792.7	8831.0	8792.7	8624.5	8380.1	8025.4	7593.8	7107.6	6586.6
7.5°	8781.5	9049.7	9235.5	9267.9	9235.5	9049.7	8781.5	8403.4	7925.9	7402.0	6846.0
5°	9075.3	9393.7	9546.2	9584.5	9546.2	9393.7	9075.3	8662.5	8167.5	7616.8	7035.5
2.5°	9236.4	9560.6	9772.5	9748.1	9772.5	9560.6	9236.4	8824.4	8315.8	7744.5	7147.9
0°	9254.6	9593.6	9796.3	9890.0	9796.3	9593.6	9254.6	8859.0	8352.2	7788.8	7168.8
-2.5°	9236.4	9560.6	9772.5	9748.1	9772.5	9560.6	9236.4	8824.4	8315.8	7744.5	7147.9
-5°	9075.3	9393.7	9546.2	9584.5	9546.2	9393.7	9075.3	8662.5	8167.5	7616.8	7035.5
-7.5°	8781.5	9049.7	9235.5	9267.9	9235.5	9049.7	8781.5	8403.4	7925.9	7402.0	6846.0
-10°	8380.1	8624.5	8792.7	8831.0	8792.7	8624.5	8380.1	8025.4	7593.8	7107.6	6586.6
-12.5°	7899.8	8135.8	8288.0	8315.1	8288.0	8135.8	7899.8	7578.6	7201.1	6742.9	6270.0
-15°	7370.3	7597.9	7725.3	7772.0	7725.3	7597.9	7370.3	7073.8	6724.2	6327.2	5900.0
-17.5°	6811.1	7021.6	7129.4	7154.1	7129.4	7021.6	6811.1	6548.1	6235.0	5885.5	5506.1
-20°	6241.6	6410.8	6494.0	6536.9	6494.0	6410.8	6241.6	6008.2	5738.3	5431.1	5099.2



REPORT NUMBER: P626903 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-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°	5684.6	5826.2	5886.1	5919.0	5886.1	5826.2	5684.6	5479.1	5245.9	4979.9	4681.9
-25°	5141.7	5255.4	5307.2	5353.5	5307.2	5255.4	5141.7	4966.7	4759.6	4526.0	4259.5
-27.5°	4618.5	4710.3	4755.5	4785.3	4755.5	4710.3	4618.5	4468.8	4283.2	4079.7	3847.0
-30°	4115.7	4189.3	4225.4	4242.8	4225.4	4189.3	4115.7	3987.5	3825.1	3645.0	3442.3
-32.5°	3632.5	3696.7	3731.2	3766.8	3731.2	3696.7	3632.5	3525.1	3384.2	3222.4	3043.0
-35°	3169.9	3228.1	3259.8	3277.5	3259.8	3228.1	3169.9	3077.5	2955.0	2810.9	2647.3
-37.5°	2719.2	2774.8	2808.6	2831.6	2808.6	2774.8	2719.2	2637.0	2529.8	2402.1	2251.7
-40°	2277.4	2330.4	2365.2	2389.1	2365.2	2330.4	2277.4	2201.9	2106.3	1989.6	1862.4
-42.5°	1853.4	1897.4	1924.4	1934.8	1924.4	1897.4	1853.4	1791.6	1712.5	1614.7	1512.0
-45°	1487.9	1516.3	1535.6	1546.9	1535.6	1516.3	1487.9	1447.4	1392.5	1324.3	1246.9
-47.5°	1214.8	1233.4	1247.2	1256.8	1247.2	1233.4	1214.8	1187.3	1149.3	1101.9	1047.3
-50°	1005.1	1019.1	1028.1	1031.7	1028.1	1019.1	1005.1	984.6	957.3	923.5	884.4
-52.5°	837.5	847.3	854.6	859.1	854.6	847.3	837.5	823.2	804.3	780.0	750.6
-55°	708.7	716.8	720.4	720.0	720.4	716.8	708.7	697.2	682.1	663.2	641.7
-57.5°	599.0	605.1	608.3	608.8	608.3	605.1	599.0	590.6	580.0	567.0	551.6
-60°	509.9	513.6	516.0	516.6	516.0	513.6	509.9	504.3	496.7	486.6	474.4
-62.5°	431.8	435.3	437.1	436.9	437.1	435.3	431.8	426.5	419.6	411.5	403.0
-65°	349.5	350.2	351.7	352.3	351.7	350.2	349.5	347.6	344.5	340.9	336.1
-67.5°	288.1	287.9	288.6	288.7	288.6	287.9	288.1	287.4	285.8	282.8	278.4
-70°	234.3	233.8	231.7	228.6	231.7	233.8	234.3	234.5	234.8	234.2	231.2
-72.5°	173.8	165.8	157.7	148.9	157.7	165.8	173.8	181.5	189.1	194.3	192.7
-75°	125.8	112.7	108.3	104.1	108.3	112.7	125.8	138.5	150.7	159.9	158.8
-77.5°	92.3	79.8	76.2	72.7	76.2	79.8	92.3	104.2	115.6	124.8	124.4
-80°	62.9	53.8	52.0	50.3	52.0	53.8	62.9	71.7	80.1	87.6	88.5
-82.5°	39.5	32.8	31.8	30.8	31.8	32.8	39.5	45.9	52.0	57.5	57.0
-85°	18.3	15.3	15.0	14.7	15.0	15.3	18.3	21.2	23.9	26.4	25.8
-87.5°	3.1	2.8	2.4	2.1	2.4	2.8	3.1	3.4	3.8	4.1	4.2
-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: P626903 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-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°	4.3	4.4	4.4	4.7	4.9	5.0	5.2	5.0	4.8	4.6	4.5
85°	25.2	24.4	23.7	23.7	23.6	23.3	22.8	20.4	18.2	16.0	14.2
82.5°	56.3	55.3	54.1	52.2	50.3	48.4	46.2	41.3	36.6	32.1	28.4
80°	89.0	89.0	88.2	84.7	81.1	77.3	72.8	65.0	57.5	50.5	45.5
77.5°	123.7	122.9	121.2	116.6	111.9	107.2	101.2	91.2	81.1	71.4	65.2
75°	157.3	155.5	152.5	146.9	140.7	134.1	127.0	118.3	108.3	97.0	88.8
72.5°	190.5	187.9	183.9	177.9	171.1	163.9	156.4	147.9	138.1	127.0	118.6
70°	227.5	223.3	218.0	211.2	204.1	196.5	188.7	180.0	169.9	158.8	150.0
67.5°	272.9	266.2	258.6	250.5	242.8	233.8	224.6	214.7	204.4	192.8	181.7
65°	329.3	320.4	310.3	301.5	291.0	278.7	264.9	252.8	240.9	227.8	213.3
62.5°	394.2	385.5	371.6	357.2	343.3	329.2	312.4	295.5	279.2	262.8	245.8
60°	460.6	444.9	429.8	413.4	395.6	376.5	358.1	338.8	318.6	298.8	278.6
57.5°	533.8	514.4	494.6	473.4	450.9	429.3	406.9	382.9	360.0	336.0	311.8
55°	617.8	594.5	569.2	541.4	512.8	487.0	459.7	432.3	404.4	374.3	347.5
52.5°	717.6	688.5	656.0	620.0	586.4	552.2	516.6	485.5	451.6	418.1	384.8
50°	844.5	803.3	758.6	713.2	671.6	626.5	584.7	543.7	502.6	463.9	425.1
47.5°	996.7	942.1	881.0	824.7	769.4	713.7	662.2	608.0	560.8	512.0	469.0
45°	1181.7	1109.0	1030.5	959.0	881.3	813.9	748.3	685.9	624.0	568.9	513.9
42.5°	1418.1	1312.3	1212.7	1117.8	1019.9	931.3	843.9	770.0	697.3	629.0	567.1
40°	1722.3	1568.1	1440.1	1303.9	1185.6	1066.9	962.4	859.9	777.2	696.4	620.8
37.5°	2081.3	1900.9	1718.2	1531.8	1377.6	1228.5	1094.0	973.3	860.9	769.0	681.8
35°	2461.0	2257.2	2038.4	1820.0	1594.9	1414.3	1243.4	1094.8	963.6	845.0	744.5
32.5°	2839.9	2616.1	2375.2	2126.1	1873.2	1620.4	1415.3	1231.1	1067.1	932.1	813.1
30°	3218.6	2973.0	2709.1	2437.0	2159.6	1875.8	1596.0	1380.9	1188.3	1018.9	882.0
27.5°	3598.5	3332.3	3043.6	2744.2	2445.1	2135.7	1825.6	1535.4	1310.4	1119.0	957.7
25°	3978.8	3681.2	3371.2	3045.4	2719.3	2390.4	2047.7	1724.1	1447.4	1219.2	1027.5
22.5°	4360.3	4026.1	3680.5	3330.5	2979.9	2628.4	2269.8	1909.0	1577.1	1321.1	1109.2
20°	4737.3	4361.9	3983.5	3604.2	3226.2	2850.4	2475.5	2090.4	1729.6	1426.5	1185.4
17.5°	5100.3	4683.4	4272.5	3861.3	3457.0	3058.6	2659.8	2257.7	1865.8	1520.3	1252.7
15°	5446.1	4991.2	4545.0	4103.4	3667.1	3239.2	2823.1	2404.6	1989.7	1618.2	1326.5
12.5°	5772.4	5275.9	4789.9	4310.5	3847.0	3398.5	2965.9	2533.6	2106.4	1713.6	1392.3
10°	6051.0	5518.3	4995.2	4489.8	4002.7	3533.9	3083.7	2642.7	2206.4	1793.0	1446.1
7.5°	6277.6	5713.3	5161.7	4631.4	4124.8	3641.7	3174.7	2726.5	2285.6	1855.0	1487.6
5°	6443.2	5856.7	5285.1	4736.4	4209.4	3720.2	3238.9	2783.7	2343.0	1899.1	1516.7
2.5°	6545.9	5943.4	5358.4	4800.1	4258.6	3767.4	3276.1	2818.3	2375.7	1923.4	1534.9
0°	6564.9	5984.0	5381.5	4806.9	4286.9	3781.5	3285.9	2830.9	2384.2	1928.5	1540.6
-2.5°	6545.9	5943.4	5358.4	4800.1	4258.6	3767.4	3276.1	2818.3	2375.7	1923.4	1534.9
-5°	6443.2	5856.7	5285.1	4736.4	4209.4	3720.2	3238.9	2783.7	2343.0	1899.1	1516.7
-7.5°	6277.6	5713.3	5161.7	4631.4	4124.8	3641.7	3174.7	2726.5	2285.6	1855.0	1487.6
-10°	6051.0	5518.3	4995.2	4489.8	4002.7	3533.9	3083.7	2642.7	2206.4	1793.0	1446.1
-12.5°	5772.4	5275.9	4789.9	4310.5	3847.0	3398.5	2965.9	2533.6	2106.4	1713.6	1392.3
-15°	5446.1	4991.2	4545.0	4103.4	3667.1	3239.2	2823.1	2404.6	1989.7	1618.2	1326.5
-17.5°	5100.3	4683.4	4272.5	3861.3	3457.0	3058.6	2659.8	2257.7	1865.8	1520.3	1252.7
-20°	4737.3	4361.9	3983.5	3604.2	3226.2	2850.4	2475.5	2090.4	1729.6	1426.5	1185.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626903 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2C-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°	4360.3	4026.1	3680.5	3330.5	2979.9	2628.4	2269.8	1909.0	1577.1	1321.1	1109.2
-25°	3978.8	3681.2	3371.2	3045.4	2719.3	2390.4	2047.7	1724.1	1447.4	1219.2	1027.5
-27.5°	3598.5	3332.3	3043.6	2744.2	2445.1	2135.7	1825.6	1535.4	1310.4	1119.0	957.7
-30°	3218.6	2973.0	2709.1	2437.0	2159.6	1875.8	1596.0	1380.9	1188.3	1018.9	882.0
-32.5°	2839.9	2616.1	2375.2	2126.1	1873.2	1620.4	1415.3	1231.1	1067.1	932.1	813.1
-35°	2461.0	2257.2	2038.4	1820.0	1594.9	1414.3	1243.4	1094.8	963.6	845.0	744.5
-37.5°	2081.3	1900.9	1718.2	1531.8	1377.6	1228.5	1094.0	973.3	860.9	769.0	681.8
-40°	1722.3	1568.1	1440.1	1303.9	1185.6	1066.9	962.4	859.9	777.2	696.4	620.8
-42.5°	1418.1	1312.3	1212.7	1117.8	1019.9	931.3	843.9	770.0	697.3	629.0	567.1
-45°	1181.7	1109.0	1030.5	959.0	881.3	813.9	748.3	685.9	624.0	568.9	513.9
-47.5°	996.7	942.1	881.0	824.7	769.4	713.7	662.2	608.0	560.8	512.0	469.0
-50°	844.5	803.3	758.6	713.2	671.6	626.5	584.7	543.7	502.6	463.9	425.1
-52.5°	717.6	688.5	656.0	620.0	586.4	552.2	516.6	485.5	451.6	418.1	384.8
-55°	617.8	594.5	569.2	541.4	512.8	487.0	459.7	432.3	404.4	374.3	347.5
-57.5°	533.8	514.4	494.6	473.4	450.9	429.3	406.9	382.9	360.0	336.0	311.8
-60°	460.6	444.9	429.8	413.4	395.6	376.5	358.1	338.8	318.6	298.8	278.6
-62.5°	394.2	385.5	371.6	357.2	343.3	329.2	312.4	295.5	279.2	262.8	245.8
-65°	329.3	320.4	310.3	301.5	291.0	278.7	264.9	252.8	240.9	227.8	213.3
-67.5°	272.9	266.2	258.6	250.5	242.8	233.8	224.6	214.7	204.4	192.8	181.7
-70°	227.5	223.3	218.0	211.2	204.1	196.5	188.7	180.0	169.9	158.8	150.0
-72.5°	190.5	187.9	183.9	177.9	171.1	163.9	156.4	147.9	138.1	127.0	118.6
-75°	157.3	155.5	152.5	146.9	140.7	134.1	127.0	118.3	108.3	97.0	88.8
-77.5°	123.7	122.9	121.2	116.6	111.9	107.2	101.2	91.2	81.1	71.4	65.2
-80°	89.0	89.0	88.2	84.7	81.1	77.3	72.8	65.0	57.5	50.5	45.5
-82.5°	56.3	55.3	54.1	52.2	50.3	48.4	46.2	41.3	36.6	32.1	28.4
-85°	25.2	24.4	23.7	23.7	23.6	23.3	22.8	20.4	18.2	16.0	14.2
-87.5°	4.3	4.4	4.4	4.7	4.9	5.0	5.2	5.0	4.8	4.6	4.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626903 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-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°	5.0	5.4	5.8	6.0	6.2	6.3	6.3	6.2	6.0	5.6	5.2
85°	14.8	15.1	15.1	14.6	13.7	12.6	12.6	12.4	11.9	11.3	10.4
82.5°	29.4	30.4	30.8	30.6	28.7	26.7	24.6	22.4	20.0	17.2	15.6
80°	47.3	48.3	48.7	47.9	44.5	40.8	37.7	34.5	31.3	27.7	23.7
77.5°	66.5	67.3	67.5	66.3	62.0	57.3	52.3	47.1	42.6	38.2	33.2
75°	87.3	87.5	87.3	85.1	79.8	73.8	67.8	61.2	54.7	48.6	42.6
72.5°	114.2	110.5	107.7	104.1	98.3	91.6	83.9	75.2	66.9	59.2	51.9
70°	142.3	134.5	128.5	123.0	116.5	109.4	100.8	90.0	78.9	69.5	60.7
67.5°	171.7	162.0	152.4	142.3	134.4	126.3	117.6	104.5	91.3	79.7	69.3
65°	200.3	188.4	177.4	164.3	152.8	143.0	133.2	118.4	103.2	89.6	77.8
62.5°	229.1	213.2	199.4	185.2	171.3	159.2	148.1	131.2	114.7	99.2	85.7
60°	258.7	240.0	221.3	204.9	189.2	174.5	160.7	143.7	125.8	108.3	93.3
57.5°	289.3	266.9	245.6	225.1	206.9	189.8	172.8	155.2	136.5	117.6	100.0
55°	320.3	295.0	269.9	246.4	224.8	205.5	185.4	166.2	146.8	126.7	105.5
52.5°	353.6	323.8	295.5	268.1	243.4	220.7	198.8	176.9	156.5	135.4	111.4
50°	388.8	354.5	322.1	291.5	261.8	236.5	212.0	188.7	166.0	143.8	116.9
47.5°	425.7	386.9	350.1	315.0	282.8	251.9	225.7	200.3	175.3	152.0	122.0
45°	466.5	420.3	378.8	340.3	302.9	269.3	239.2	211.5	185.4	158.0	126.5
42.5°	507.4	456.3	408.6	364.8	324.8	287.0	252.1	223.1	195.0	163.4	131.0
40°	554.5	493.1	438.6	391.1	346.4	303.8	267.1	234.3	204.1	168.8	135.3
37.5°	600.5	532.7	471.3	416.2	367.7	322.8	281.5	244.9	211.2	174.7	139.2
35°	654.7	573.5	502.5	442.8	389.7	340.9	295.1	255.8	218.9	180.3	142.7
32.5°	707.4	615.1	537.5	470.0	410.4	357.9	309.5	266.9	226.9	185.7	145.7
30°	765.3	660.5	570.6	495.4	431.0	375.5	324.0	277.4	234.9	190.8	148.7
27.5°	820.8	702.2	602.7	522.4	452.7	392.0	337.4	287.3	242.9	196.1	152.3
25°	875.9	747.3	638.2	548.1	472.7	407.0	349.8	296.5	250.8	202.0	155.7
22.5°	935.7	790.9	670.2	571.2	490.8	420.6	361.5	306.5	258.0	207.7	158.5
20°	990.6	830.3	698.8	593.3	508.7	435.4	372.5	315.5	264.5	213.0	161.0
17.5°	1042.5	870.4	730.6	617.2	525.7	448.4	382.2	323.4	270.2	217.9	163.0
15°	1096.9	910.2	759.2	637.9	540.4	459.6	390.5	330.1	275.2	222.3	164.8
12.5°	1143.3	943.8	783.3	655.3	552.7	469.0	397.5	335.8	279.3	226.1	166.5
10°	1181.6	971.1	802.7	669.4	562.7	476.5	403.0	340.4	282.7	229.0	167.5
7.5°	1211.4	992.0	817.4	680.1	570.3	482.4	407.6	343.9	285.4	231.0	167.7
5°	1232.3	1006.5	828.2	687.5	576.1	486.7	410.9	346.3	287.2	232.1	167.2
2.5°	1243.2	1014.8	834.8	691.5	579.4	488.9	412.7	347.4	288.1	232.3	166.1
0°	1244.9	1016.3	836.7	692.0	580.2	489.3	413.1	347.4	288.0	231.4	164.3
-2.5°	1243.2	1014.8	834.8	691.5	579.4	488.9	412.7	347.4	288.1	232.3	166.1
-5°	1232.3	1006.5	828.2	687.5	576.1	486.7	410.9	346.3	287.2	232.1	167.2
-7.5°	1211.4	992.0	817.4	680.1	570.3	482.4	407.6	343.9	285.4	231.0	167.7
-10°	1181.6	971.1	802.7	669.4	562.7	476.5	403.0	340.4	282.7	229.0	167.5
-12.5°	1143.3	943.8	783.3	655.3	552.7	469.0	397.5	335.8	279.3	226.1	166.5
-15°	1096.9	910.2	759.2	637.9	540.4	459.6	390.5	330.1	275.2	222.3	164.8
-17.5°	1042.5	870.4	730.6	617.2	525.7	448.4	382.2	323.4	270.2	217.9	163.0
-20°	990.6	830.3	698.8	593.3	508.7	435.4	372.5	315.5	264.5	213.0	161.0

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REPORT NUMBER: P626903 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	935.7	790.9	670.2	571.2	490.8	420.6	361.5	306.5	258.0	207.7	158.5
-25°	875.9	747.3	638.2	548.1	472.7	407.0	349.8	296.5	250.8	202.0	155.7
-27.5°	820.8	702.2	602.7	522.4	452.7	392.0	337.4	287.3	242.9	196.1	152.3
-30°	765.3	660.5	570.6	495.4	431.0	375.5	324.0	277.4	234.9	190.8	148.7
-32.5°	707.4	615.1	537.5	470.0	410.4	357.9	309.5	266.9	226.9	185.7	145.7
-35°	654.7	573.5	502.5	442.8	389.7	340.9	295.1	255.8	218.9	180.3	142.7
-37.5°	600.5	532.7	471.3	416.2	367.7	322.8	281.5	244.9	211.2	174.7	139.2
-40°	554.5	493.1	438.6	391.1	346.4	303.8	267.1	234.3	204.1	168.8	135.3
-42.5°	507.4	456.3	408.6	364.8	324.8	287.0	252.1	223.1	195.0	163.4	131.0
-45°	466.5	420.3	378.8	340.3	302.9	269.3	239.2	211.5	185.4	158.0	126.5
-47.5°	425.7	386.9	350.1	315.0	282.8	251.9	225.7	200.3	175.3	152.0	122.0
-50°	388.8	354.5	322.1	291.5	261.8	236.5	212.0	188.7	166.0	143.8	116.9
-52.5°	353.6	323.8	295.5	268.1	243.4	220.7	198.8	176.9	156.5	135.4	111.4
-55°	320.3	295.0	269.9	246.4	224.8	205.5	185.4	166.2	146.8	126.7	105.5
-57.5°	289.3	266.9	245.6	225.1	206.9	189.8	172.8	155.2	136.5	117.6	100.0
-60°	258.7	240.0	221.3	204.9	189.2	174.5	160.7	143.7	125.8	108.3	93.3
-62.5°	229.1	213.2	199.4	185.2	171.3	159.2	148.1	131.2	114.7	99.2	85.7
-65°	200.3	188.4	177.4	164.3	152.8	143.0	133.2	118.4	103.2	89.6	77.8
-67.5°	171.7	162.0	152.4	142.3	134.4	126.3	117.6	104.5	91.3	79.7	69.3
-70°	142.3	134.5	128.5	123.0	116.5	109.4	100.8	90.0	78.9	69.5	60.7
-72.5°	114.2	110.5	107.7	104.1	98.3	91.6	83.9	75.2	66.9	59.2	51.9
-75°	87.3	87.5	87.3	85.1	79.8	73.8	67.8	61.2	54.7	48.6	42.6
-77.5°	66.5	67.3	67.5	66.3	62.0	57.3	52.3	47.1	42.6	38.2	33.2
-80°	47.3	48.3	48.7	47.9	44.5	40.8	37.7	34.5	31.3	27.7	23.7
-82.5°	29.4	30.4	30.8	30.6	28.7	26.7	24.6	22.4	20.0	17.2	15.6
-85°	14.8	15.1	15.1	14.6	13.7	12.6	12.6	12.4	11.9	11.3	10.4
-87.5°	5.0	5.4	5.8	6.0	6.2	6.3	6.3	6.2	6.0	5.6	5.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT NUMBER: P626903 (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°	4.7	3.7	2.7	1.9	1.2	0.5	0.0
85°	9.4	7.3	5.5	3.8	2.3	1.0	0.0
82.5°	14.0	11.0	8.2	5.7	3.5	1.5	0.0
80°	19.1	14.5	10.8	7.5	4.6	2.0	0.0
77.5°	27.2	18.9	13.5	9.3	5.7	2.5	0.0
75°	35.1	24.7	16.3	11.2	6.8	3.0	0.0
72.5°	42.8	30.3	20.2	12.9	7.9	3.4	0.0
70°	50.0	35.7	24.0	14.8	8.9	3.9	0.0
67.5°	56.3	40.9	27.5	17.1	10.0	4.4	0.0
65°	62.4	45.7	31.0	19.2	11.0	4.8	0.0
62.5°	68.0	50.0	34.2	21.3	11.9	5.2	0.0
60°	73.3	54.1	37.2	23.3	12.8	5.7	0.0
57.5°	78.1	57.9	40.0	25.1	13.9	6.1	0.0
55°	82.5	61.4	42.6	26.8	15.0	6.4	0.0
52.5°	86.6	64.6	45.0	28.3	16.0	6.8	0.0
50°	90.2	67.5	47.1	29.7	17.0	7.2	0.0
47.5°	93.7	70.1	49.1	31.0	18.0	7.5	0.0
45°	97.5	72.5	50.8	32.3	18.8	7.8	0.0
42.5°	100.9	74.5	52.2	33.4	19.7	8.1	0.0
40°	103.9	76.3	53.6	34.6	20.5	8.4	0.0
37.5°	106.5	77.7	54.7	35.8	21.2	8.6	0.0
35°	108.6	79.3	55.7	37.0	21.9	8.8	0.0
32.5°	110.6	80.8	56.5	38.0	22.5	9.1	0.0
30°	112.8	82.0	57.0	38.9	23.1	9.2	0.0
27.5°	114.6	82.8	58.2	39.8	23.6	9.4	0.0
25°	115.9	83.3	59.4	40.5	24.0	9.6	0.0
22.5°	116.9	84.0	60.4	41.1	24.4	9.7	0.0
20°	117.5	85.5	61.3	41.6	24.7	9.8	0.0
17.5°	118.8	86.7	62.0	42.0	25.0	9.8	0.0
15°	120.4	87.7	62.6	42.3	25.2	9.9	0.0
12.5°	121.5	88.4	63.1	42.5	25.4	9.9	0.0
10°	122.2	88.9	63.3	42.6	25.5	10.0	0.0
7.5°	122.5	89.1	63.5	42.6	25.5	9.9	0.0
5°	122.4	89.0	63.4	42.4	25.4	9.9	0.0
2.5°	121.8	88.7	63.3	42.2	25.4	9.9	0.0
0°	120.9	88.1	62.9	41.9	25.2	9.8	0.0
-2.5°	121.8	88.7	63.3	42.2	25.4	9.9	0.0
-5°	122.4	89.0	63.4	42.4	25.4	9.9	0.0
-7.5°	122.5	89.1	63.5	42.6	25.5	9.9	0.0
-10°	122.2	88.9	63.3	42.6	25.5	10.0	0.0
-12.5°	121.5	88.4	63.1	42.5	25.4	9.9	0.0
-15°	120.4	87.7	62.6	42.3	25.2	9.9	0.0
-17.5°	118.8	86.7	62.0	42.0	25.0	9.8	0.0
-20°	117.5	85.5	61.3	41.6	24.7	9.8	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	116.9	84.0	60.4	41.1	24.4	9.7	0.0
-25°	115.9	83.3	59.4	40.5	24.0	9.6	0.0
-27.5°	114.6	82.8	58.2	39.8	23.6	9.4	0.0
-30°	112.8	82.0	57.0	38.9	23.1	9.2	0.0
-32.5°	110.6	80.8	56.5	38.0	22.5	9.1	0.0
-35°	108.6	79.3	55.7	37.0	21.9	8.8	0.0
-37.5°	106.5	77.7	54.7	35.8	21.2	8.6	0.0
-40°	103.9	76.3	53.6	34.6	20.5	8.4	0.0
-42.5°	100.9	74.5	52.2	33.4	19.7	8.1	0.0
-45°	97.5	72.5	50.8	32.3	18.8	7.8	0.0
-47.5°	93.7	70.1	49.1	31.0	18.0	7.5	0.0
-50°	90.2	67.5	47.1	29.7	17.0	7.2	0.0
-52.5°	86.6	64.6	45.0	28.3	16.0	6.8	0.0
-55°	82.5	61.4	42.6	26.8	15.0	6.4	0.0
-57.5°	78.1	57.9	40.0	25.1	13.9	6.1	0.0
-60°	73.3	54.1	37.2	23.3	12.8	5.7	0.0
-62.5°	68.0	50.0	34.2	21.3	11.9	5.2	0.0
-65°	62.4	45.7	31.0	19.2	11.0	4.8	0.0
-67.5°	56.3	40.9	27.5	17.1	10.0	4.4	0.0
-70°	50.0	35.7	24.0	14.8	8.9	3.9	0.0
-72.5°	42.8	30.3	20.2	12.9	7.9	3.4	0.0
-75°	35.1	24.7	16.3	11.2	6.8	3.0	0.0
-77.5°	27.2	18.9	13.5	9.3	5.7	2.5	0.0
-80°	19.1	14.5	10.8	7.5	4.6	2.0	0.0
-82.5°	14.0	11.0	8.2	5.7	3.5	1.5	0.0
-85°	9.4	7.3	5.5	3.8	2.3	1.0	0.0
-87.5°	4.7	3.7	2.7	1.9	1.2	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)