

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: P627382 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA4C-727-U-WR-VSR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P627382 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-7)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/9/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA4C-727-U-WR-VSR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (64) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

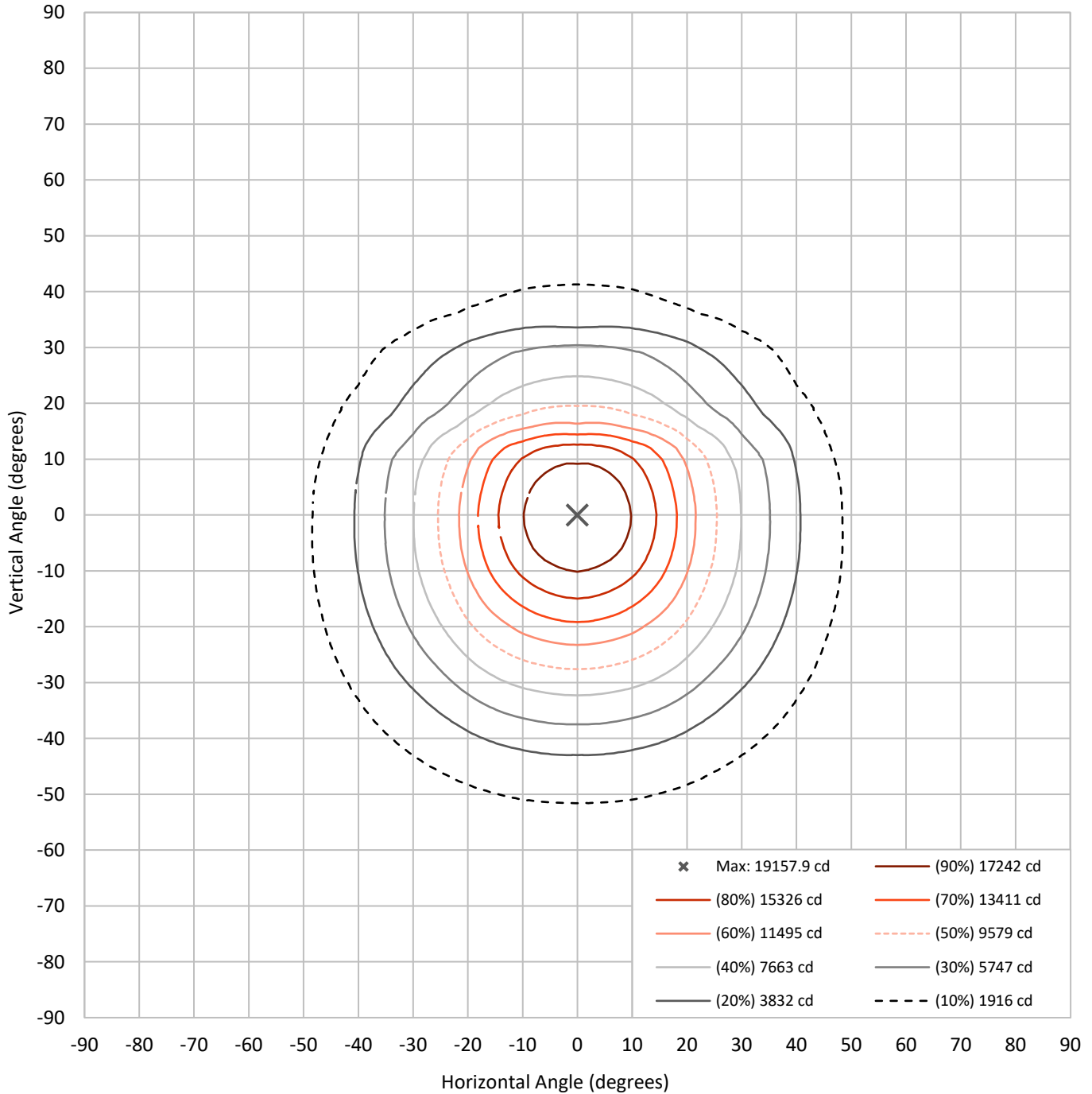
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	16901.4 lumens	Max Intensity:	19157.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	100.5 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	50.9°H x 47.1°V	Field Angle (10%):	96.7°H x 92.9°V
Beam Lumens:	8137.2 lumens	Field Lumens:	15132.5 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
Input Watts (W):	168.2		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



REPORT NUMBER: P627382 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





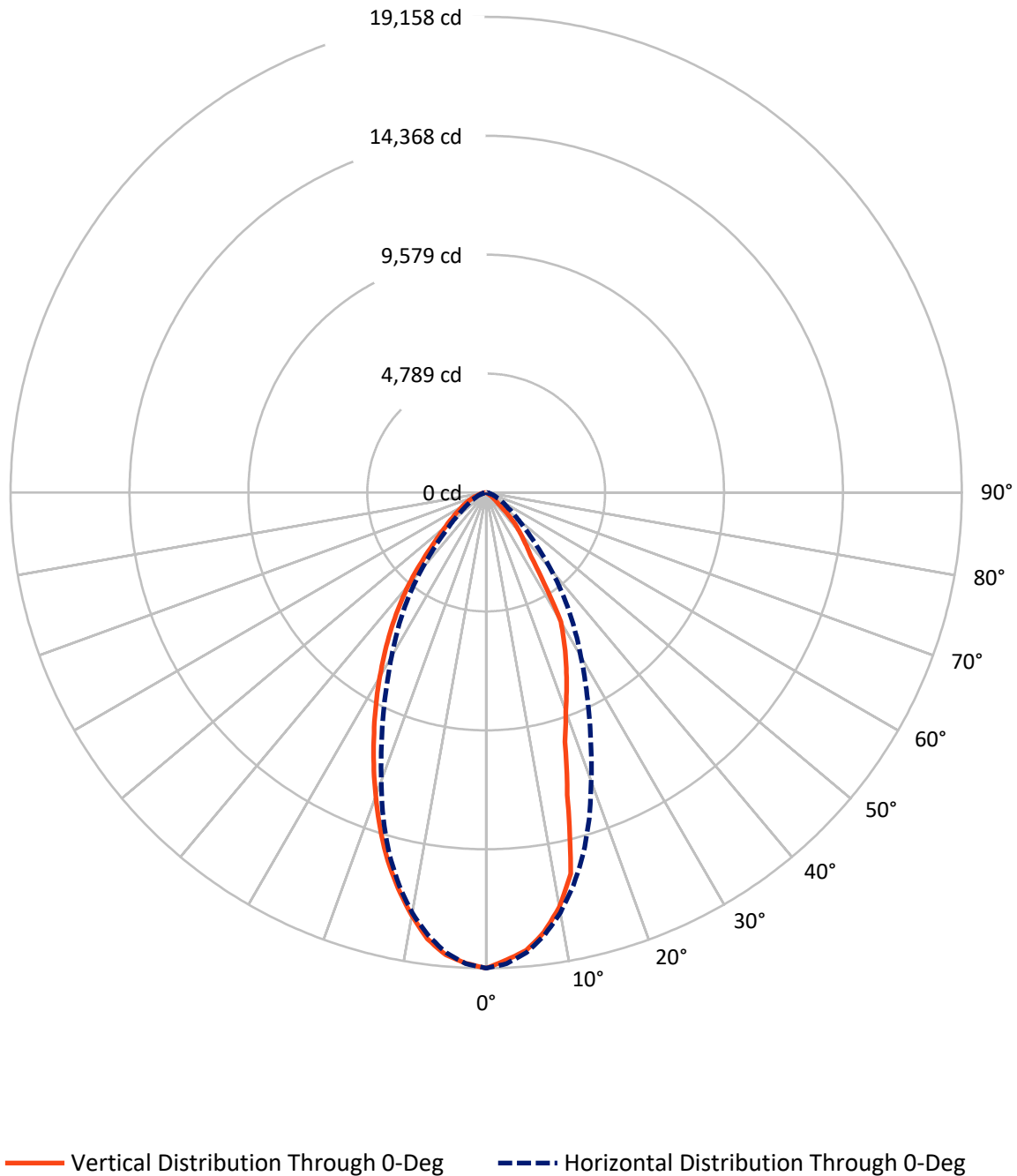
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Lumen Table

90																			
80	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0						
70																			
60	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1				
50		0.4	0.9	1.6	2.7	3.9	5.3	6.0	6.0	5.3	3.9	2.7	1.6	0.9		0.4			
40	0.7	1.3	3.3	6.9	12.6	20.6	29.8	36.5	36.5	29.8	20.6	12.6	6.9	3.3	1.3	0.7			
30		2.6	6.6	15.3	31.6	58.0	88.7	106.6	106.6	88.7	58.0	31.6	15.3	6.6	2.6				
20	1.8	4.0	10.7	27.8	65.7	123.3	187.6	226.1	226.1	187.6	123.3	65.7	27.8	10.7	4.0	1.8			
10		5.5	15.2	43.5	108.0	199.7	312.1	385.8	385.8	312.1	199.7	108.0	43.5	15.2	5.5				
0	2.6	6.4	19.2	56.3	141.8	264.3	424.4	538.1	538.1	424.4	264.3	141.8	56.3	19.2	6.4	2.6			
-10		6.7	20.0	58.1	143.9	268.2	428.7	541.5	541.5	428.7	268.2	143.9	58.1	20.0	6.7				
-20	2.8	6.6	18.9	51.7	127.5	235.5	363.0	447.9	447.9	363.0	235.5	127.5	51.7	18.9	6.6	2.8			
-30		6.0	16.4	40.5	95.1	177.5	264.6	317.2	317.2	264.6	177.5	95.1	40.5	16.4	6.0				
-40	2.4	5.3	13.3	29.3	59.9	110.1	166.2	197.8	197.8	166.2	110.1	59.9	29.3	13.3	5.3	2.4			
-50		4.4	10.2	20.2	36.0	57.7	82.7	98.4	98.4	82.7	57.7	36.0	20.2	10.2	4.4				
-60	1.5	3.4	7.5	13.5	22.0	31.6	40.9	46.2	46.2	40.9	31.6	22.0	13.5	7.5	3.4	1.5			
-70		2.4	5.0	8.3	12.8	17.4	21.3	23.2	23.2	21.3	17.4	12.8	8.3	5.0	2.4				
-80	0.4	4.8	12.4	22.2	20.2	22.2	12.4	4.8	0.4										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

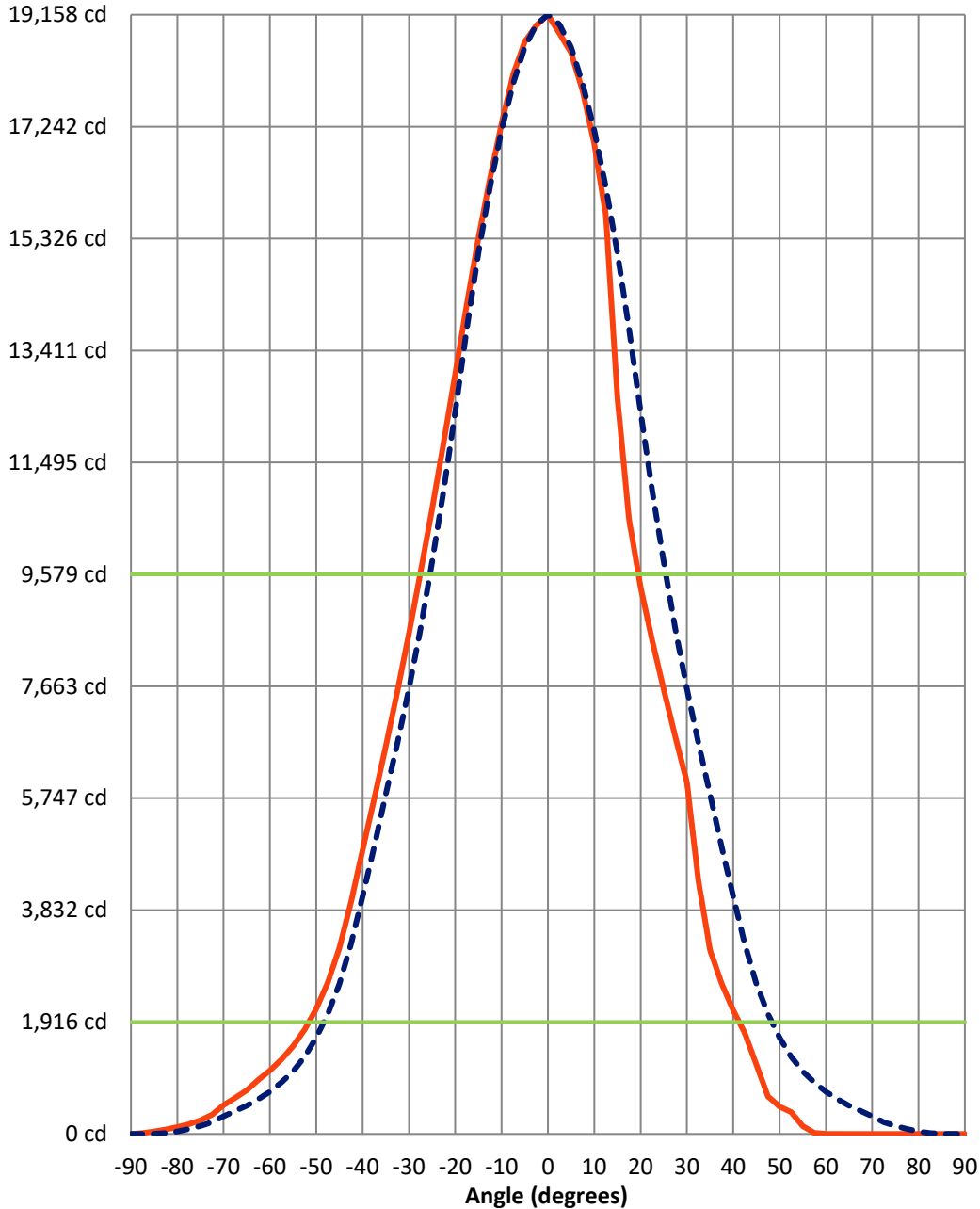
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 8137.2
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 15132.5
 Efficiency: 89.5%

Spill:
 Lumens: 1768.9
 Efficiency: 10.5%

— 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	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.5	0.6
85°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	1.0	1.1	1.2
82.5°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.4	1.4	1.4
80°	0.0	0.2	0.5	0.7	1.0	1.2	1.4	1.4	1.4	1.4	1.4
77.5°	0.0	0.3	0.6	0.9	1.2	1.4	1.4	1.4	1.4	1.4	1.4
75°	0.0	0.4	0.7	1.1	1.4	1.4	1.4	1.4	1.4	1.4	1.4
72.5°	0.0	0.4	0.8	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4
70°	0.0	0.5	1.0	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5
67.5°	0.0	0.5	1.1	1.4	1.4	1.4	1.5	1.4	1.4	1.8	1.7
65°	0.0	0.6	1.2	1.4	1.4	1.5	1.7	1.4	2.0	2.3	2.7
62.5°	0.0	0.6	1.3	1.4	1.4	1.9	1.9	1.9	2.6	3.7	5.7
60°	0.0	0.7	1.4	1.4	1.4	2.2	2.2	2.6	3.3	9.1	9.8
57.5°	0.0	0.8	1.4	1.4	1.8	2.6	3.7	3.5	8.9	15.3	16.8
55°	0.0	0.8	1.4	1.4	2.2	3.0	5.7	5.2	16.3	23.0	26.0
52.5°	0.0	0.9	1.5	1.4	2.6	3.8	7.9	12.8	24.4	34.2	36.8
50°	0.0	0.9	1.5	1.4	3.1	6.2	10.5	21.3	34.1	46.5	56.2
47.5°	0.0	0.9	1.5	1.5	3.6	8.7	13.9	29.8	46.8	60.1	76.3
45°	0.0	1.0	1.6	1.9	4.1	11.4	21.3	38.3	59.7	77.9	96.1
42.5°	0.0	1.0	1.6	2.2	4.6	14.2	28.7	48.4	72.4	95.4	118.1
40°	0.0	1.1	1.6	2.7	6.0	17.2	36.1	59.5	85.7	112.5	141.1
37.5°	0.0	1.1	1.7	3.3	8.3	20.4	43.4	70.4	100.0	130.1	164.5
35°	0.0	1.1	1.8	4.0	10.7	25.3	50.6	81.2	114.5	151.1	190.0
32.5°	0.0	1.2	1.8	4.6	13.1	31.0	58.2	91.8	128.9	172.7	218.8
30°	0.0	1.2	1.9	5.4	15.5	36.6	66.8	102.5	143.3	194.8	247.7
27.5°	0.0	1.2	1.9	6.2	18.3	42.0	75.1	114.3	159.2	217.2	276.7
25°	0.0	1.3	2.0	7.0	21.0	47.2	83.1	125.8	177.4	241.0	305.8
22.5°	0.0	1.3	2.1	7.8	23.7	52.3	90.7	137.0	195.5	265.2	335.3
20°	0.0	1.3	2.2	8.7	26.3	57.2	98.0	147.8	213.3	288.8	363.3
17.5°	0.0	1.3	2.2	9.5	28.8	61.8	104.8	158.2	230.6	311.7	389.9
15°	0.0	1.4	2.3	10.4	31.2	66.1	111.0	167.5	247.3	333.8	415.0
12.5°	0.0	1.4	2.4	11.3	33.5	70.2	116.7	175.2	261.2	354.9	438.4
10°	0.0	1.4	2.4	12.1	35.6	73.8	121.8	182.1	272.3	367.4	456.9
7.5°	0.0	1.4	2.5	12.9	37.6	77.1	126.4	188.2	282.0	376.9	466.5
5°	0.0	1.4	2.6	13.7	39.4	80.1	130.5	193.4	290.3	384.4	474.3
2.5°	0.0	1.4	2.6	14.4	41.0	82.6	133.9	197.7	297.1	390.1	480.3
0°	0.0	1.4	2.7	15.1	42.4	84.8	136.8	201.2	302.4	394.1	484.4
-2.5°	0.0	1.5	3.1	16.1	44.3	87.5	140.5	207.0	308.3	399.8	490.8
-5°	0.0	1.6	3.5	16.9	46.1	89.7	143.6	211.8	312.7	403.9	495.4
-7.5°	0.0	1.7	3.9	17.7	47.5	91.5	146.0	215.6	315.4	406.4	498.1
-10°	0.0	1.7	4.3	18.4	48.7	92.9	147.8	218.3	316.6	407.5	498.9
-12.5°	0.0	1.8	4.7	19.0	49.6	93.8	148.8	219.8	316.2	406.8	496.6
-15°	0.0	1.9	5.0	19.5	50.2	94.2	149.1	220.1	313.9	403.3	491.8
-17.5°	0.0	1.9	5.3	19.8	50.5	94.2	148.7	219.7	309.9	398.5	485.1
-20°	0.0	2.0	5.6	20.1	50.4	93.7	148.3	218.7	304.8	392.5	476.6

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CATALOG NUMBER: GFLD-SA4C-727-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.0	5.9	20.2	50.0	92.6	148.4	216.7	298.7	385.3	466.2
-25°	0.0	2.1	6.1	20.2	49.3	92.3	147.7	213.8	291.9	377.1	454.1
-27.5°	0.0	2.1	6.3	20.0	48.1	91.9	146.3	210.0	284.3	367.6	442.9
-30°	0.0	2.1	6.4	19.7	46.7	90.9	144.1	205.4	277.6	356.9	430.8
-32.5°	0.0	2.1	6.5	19.3	46.2	89.4	141.2	201.5	271.0	345.8	417.9
-35°	0.0	2.1	6.6	18.8	45.2	87.2	138.5	197.3	263.5	334.3	404.2
-37.5°	0.0	2.1	6.6	18.0	43.8	84.9	135.3	192.3	255.1	322.4	388.0
-40°	0.0	2.1	6.6	17.2	42.1	82.8	131.5	186.3	245.9	311.4	370.8
-42.5°	0.0	2.1	6.6	16.4	40.8	80.2	126.8	179.5	237.3	297.1	352.5
-45°	0.0	2.0	6.4	15.8	40.0	77.1	121.4	172.4	228.6	281.7	333.4
-47.5°	0.0	2.0	6.3	14.9	38.8	73.5	115.3	165.2	218.8	265.8	315.8
-50°	0.0	1.9	6.1	14.6	37.2	69.3	109.9	157.0	205.9	251.4	297.6
-52.5°	0.0	1.8	5.9	14.5	35.1	64.7	104.1	148.0	193.1	236.2	279.1
-55°	0.0	1.8	5.6	14.1	32.7	60.9	97.7	138.4	179.9	220.5	261.7
-57.5°	0.0	1.7	5.3	13.5	29.9	56.7	90.7	129.8	166.0	204.6	243.7
-60°	0.0	1.6	4.9	12.8	26.8	52.0	83.2	119.5	151.8	188.2	225.1
-62.5°	0.0	1.5	4.6	11.9	24.9	46.8	75.9	108.0	137.7	171.0	205.9
-65°	0.0	1.4	4.3	10.8	22.8	41.1	67.9	96.0	122.8	153.0	185.9
-67.5°	0.0	1.3	4.0	9.6	20.4	35.9	59.2	83.9	107.0	134.0	163.9
-70°	0.0	1.1	3.6	8.3	17.8	31.5	49.9	71.3	92.0	114.0	140.2
-72.5°	0.0	1.0	3.2	7.3	14.9	26.8	42.4	58.4	76.6	95.9	116.3
-75°	0.0	0.9	2.8	6.4	11.8	21.7	34.8	47.6	60.7	77.3	94.8
-77.5°	0.0	0.7	2.3	5.4	9.8	16.3	26.8	37.4	48.2	59.6	72.9
-80°	0.0	0.6	1.9	4.4	7.9	12.5	18.6	27.0	35.9	45.2	54.9
-82.5°	0.0	0.4	1.4	3.3	6.0	9.5	13.7	18.1	23.3	30.5	38.0
-85°	0.0	0.3	1.0	2.2	4.0	6.3	9.2	12.1	15.4	19.1	23.1
-87.5°	0.0	0.2	0.5	1.1	2.0	3.2	4.6	6.1	7.7	9.6	11.6
-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°	0.6	0.7	0.8	0.8	0.9	0.9	0.9	1.0	1.0	1.1	1.1
85°	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
82.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
80°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
77.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
75°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
72.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
70°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.2
67.5°	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.4	1.4	1.1	0.7
65°	1.4	1.4	1.9	2.1	1.5	1.4	1.4	1.4	1.5	1.3	1.3
62.5°	2.0	2.5	3.1	4.8	3.6	1.4	2.7	3.1	2.1	1.7	1.9
60°	6.0	4.1	10.5	14.6	9.6	5.1	6.2	12.4	10.2	2.7	7.2
57.5°	12.1	14.9	26.5	27.8	21.4	14.5	31.7	35.1	29.1	18.3	26.3
55°	25.2	35.4	44.7	44.2	44.5	55.9	65.7	64.5	56.9	78.4	98.8
52.5°	47.7	58.3	64.5	70.2	86.2	96.8	99.9	105.9	128.2	154.9	159.7
50°	69.9	80.9	89.0	109.8	126.2	134.6	142.4	162.8	196.5	214.9	217.8
47.5°	92.5	104.7	126.2	149.0	164.8	177.5	191.0	237.4	275.0	290.6	296.3
45°	116.0	137.1	164.0	187.3	205.7	222.8	266.9	330.2	356.7	380.6	441.4
42.5°	140.5	172.2	202.5	227.0	247.6	283.5	344.8	406.2	444.1	494.9	568.4
40°	171.6	207.2	242.3	267.2	293.0	347.4	423.3	488.2	528.3	596.6	680.3
37.5°	203.3	244.9	282.7	309.0	345.3	418.9	508.0	585.8	635.6	691.1	825.7
35°	234.5	283.3	322.1	357.4	402.2	503.7	613.5	700.1	761.6	856.7	1027.0
32.5°	267.9	322.4	362.1	410.1	483.8	597.2	732.1	828.3	930.2	1067.1	1339.8
30°	303.4	359.1	404.7	462.4	561.1	693.5	850.1	970.9	1109.3	1331.6	1625.6
27.5°	338.8	395.5	451.7	525.1	633.6	776.6	940.1	1130.6	1309.5	1558.0	1879.5
25°	372.9	432.7	497.9	586.6	703.8	853.5	1032.0	1251.8	1485.3	1769.6	2147.0
22.5°	405.3	470.5	546.8	642.1	763.1	926.6	1139.5	1397.6	1678.1	1972.7	2406.4
20°	437.2	512.7	600.2	706.9	817.6	994.0	1244.5	1557.1	1908.7	2312.3	2737.2
17.5°	468.7	554.3	655.4	773.9	908.2	1088.6	1352.3	1724.4	2152.4	2677.5	3200.8
15°	499.5	595.2	708.7	840.1	999.5	1215.2	1514.6	1923.6	2440.7	3069.5	3689.4
12.5°	529.4	634.8	759.9	904.8	1088.1	1334.3	1667.6	2108.8	2701.4	3452.6	4214.0
10°	558.0	672.8	808.5	967.3	1172.9	1445.1	1802.8	2269.1	2898.0	3672.2	4519.1
7.5°	572.6	698.5	850.0	1026.7	1252.9	1546.9	1920.5	2404.5	3051.6	3848.8	4697.9
5°	583.1	710.3	865.6	1050.4	1296.9	1616.1	2010.6	2515.2	3164.9	3981.7	4819.1
2.5°	591.1	718.7	877.0	1063.8	1314.3	1639.2	2040.3	2553.8	3225.6	4051.0	4889.7
0°	596.6	723.9	884.0	1071.5	1323.3	1650.3	2054.0	2569.9	3251.4	4066.9	4915.4
-2.5°	602.5	731.0	891.4	1083.4	1335.8	1665.5	2069.1	2581.2	3270.7	4071.4	4929.3
-5°	605.8	734.8	894.2	1089.2	1339.8	1668.3	2068.0	2570.4	3255.3	4039.4	4899.1
-7.5°	606.8	735.2	892.7	1088.0	1334.7	1655.4	2046.2	2538.3	3202.2	3974.8	4825.1
-10°	605.3	732.0	886.8	1078.1	1319.7	1628.5	2007.1	2482.8	3115.0	3868.0	4700.1
-12.5°	600.9	725.1	876.2	1062.0	1295.5	1590.3	1952.0	2403.5	2993.9	3719.6	4523.9
-15°	593.8	714.9	861.0	1039.7	1262.1	1541.1	1881.3	2300.7	2837.9	3530.9	4304.5
-17.5°	584.0	701.4	841.0	1011.3	1219.4	1481.4	1795.7	2180.2	2669.7	3320.4	4060.5
-20°	571.5	684.6	816.3	976.8	1170.2	1418.5	1716.3	2073.6	2512.3	3079.2	3772.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627382 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4C-727-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	556.4	664.5	790.2	943.7	1126.6	1353.1	1627.5	1952.7	2335.7	2800.5	3458.4
-25°	540.8	645.2	764.8	906.9	1076.8	1279.1	1525.9	1822.2	2169.1	2594.5	3138.4
-27.5°	525.4	623.1	735.5	864.4	1021.0	1202.7	1430.4	1700.5	2009.7	2371.5	2814.4
-30°	508.1	598.4	703.1	819.9	967.5	1136.2	1333.0	1564.4	1839.3	2166.3	2551.3
-32.5°	489.2	571.9	671.8	781.3	910.2	1063.8	1234.0	1443.3	1682.4	1952.2	2285.0
-35°	470.4	549.2	639.6	739.9	848.6	992.5	1148.9	1322.5	1525.9	1764.8	2030.9
-37.5°	452.3	524.6	605.2	698.6	800.7	920.1	1058.3	1215.1	1390.2	1580.2	1810.1
-40°	432.1	497.9	574.2	658.8	749.1	852.6	977.2	1110.3	1261.0	1428.2	1605.7
-42.5°	410.2	473.4	543.0	616.0	698.8	791.3	894.6	1016.3	1141.5	1281.6	1436.6
-45°	388.7	446.8	510.5	577.1	646.7	728.4	822.3	923.5	1034.5	1148.9	1279.1
-47.5°	366.1	419.1	478.4	536.4	598.1	667.9	747.5	839.4	932.0	1033.7	1134.7
-50°	343.5	393.2	443.1	497.2	552.5	610.5	677.8	757.1	841.4	925.8	1014.7
-52.5°	323.2	366.3	411.3	457.7	508.1	559.7	615.8	681.1	754.8	829.2	905.8
-55°	302.5	342.2	379.4	421.0	464.5	511.0	561.0	616.0	671.6	739.4	805.3
-57.5°	282.2	317.4	349.8	385.2	424.0	463.5	508.5	555.2	605.7	657.0	710.9
-60°	261.9	291.8	321.2	351.9	384.4	419.5	455.7	496.8	540.1	584.6	631.3
-62.5°	240.9	265.2	291.0	319.2	347.8	374.8	405.2	438.7	474.4	512.6	552.2
-65°	217.4	237.6	259.1	283.6	310.5	332.3	355.5	380.8	410.3	441.8	472.8
-67.5°	192.3	210.2	227.8	246.0	267.8	287.3	306.4	326.5	348.5	374.3	399.2
-70°	164.4	182.2	197.7	212.8	226.6	240.6	256.8	272.7	290.5	313.5	336.2
-72.5°	136.1	152.7	167.4	180.1	189.9	198.2	208.2	219.7	236.8	258.2	278.2
-75°	110.1	123.5	137.3	149.5	155.8	158.3	160.3	166.4	183.7	205.6	225.1
-77.5°	85.7	97.4	108.6	119.3	123.7	125.5	126.3	126.3	139.0	157.7	177.4
-80°	63.1	71.3	80.8	89.9	92.6	93.4	93.5	93.0	103.4	116.8	131.3
-82.5°	43.9	49.7	55.8	62.0	62.8	62.4	61.5	60.6	69.0	78.7	88.7
-85°	25.6	28.0	31.7	35.5	35.9	35.8	35.1	34.0	38.7	44.0	49.6
-87.5°	12.8	14.0	15.2	16.5	16.0	15.4	14.6	13.6	14.9	16.3	17.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627382 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-727-U-WR-VSR-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°	1.1	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.4	1.1	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.4	1.1	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.4	1.1	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	1.4	1.1	0.8	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	1.4	1.2	0.8	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1.4	1.2	0.8	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.8	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.6	0.7	0.7	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.4	1.4	1.0	0.7	0.3	0.3	0.3	0.3	0.1	0.0	0.0
62.5°	1.8	1.7	1.2	1.2	1.3	1.4	1.1	1.0	0.9	1.0	1.1
60°	7.7	4.4	4.5	5.8	4.9	2.3	4.5	5.7	5.3	4.0	3.5
57.5°	39.3	32.9	23.0	38.5	39.7	27.7	30.0	39.1	37.9	29.3	29.2
55°	99.0	100.4	107.7	117.5	124.7	128.1	131.0	145.7	161.4	176.9	184.6
52.5°	163.4	182.6	206.3	222.1	233.1	255.6	287.2	301.7	315.8	331.8	343.4
50°	240.7	273.9	297.8	301.3	338.8	363.2	368.9	396.1	425.7	444.1	457.3
47.5°	358.1	400.2	421.0	434.3	479.9	529.9	530.0	545.7	619.8	658.5	677.2
45°	515.8	550.9	587.7	683.3	771.2	799.1	858.8	939.7	992.2	1064.5	1144.0
42.5°	650.2	716.0	808.1	913.4	1001.5	1074.9	1163.6	1260.8	1377.5	1487.3	1582.0
40°	783.1	864.5	978.7	1093.2	1204.2	1305.8	1448.8	1573.8	1711.5	1862.5	1988.4
37.5°	956.5	1060.8	1178.8	1323.2	1495.9	1608.7	1805.3	1984.9	2140.1	2322.5	2434.9
35°	1222.9	1358.8	1463.2	1755.1	1965.2	2097.2	2330.0	2625.1	2738.4	2968.2	3077.2
32.5°	1557.8	1738.4	2013.3	2399.8	2680.3	2923.3	3271.3	3570.8	3826.1	4056.8	4296.8
30°	1934.1	2212.8	2618.0	3131.6	3416.5	3756.8	4227.3	4582.5	4982.9	5422.4	5576.3
27.5°	2275.6	2693.0	3163.5	3579.5	3988.8	4412.5	4874.9	5331.2	5764.5	6130.3	6375.6
25°	2592.1	3097.7	3554.9	3999.4	4442.9	4920.1	5443.1	5960.5	6437.4	6813.7	7099.8
22.5°	2918.6	3452.7	3941.8	4392.9	4908.6	5449.5	6005.7	6599.1	7141.9	7532.3	7844.0
20°	3225.5	3819.5	4377.4	4891.0	5378.6	6003.0	6643.4	7272.9	7863.9	8328.9	8688.3
17.5°	3712.7	4228.4	4910.2	5577.4	6126.7	6700.3	7556.0	8205.8	8861.6	9418.5	9799.5
15°	4311.0	4878.0	5582.2	6498.4	7251.1	7908.3	8792.3	9849.3	10622.8	11333.8	11821.5
12.5°	4909.8	5551.1	6312.7	7343.9	8415.6	9189.6	10262.1	11601.5	12502.5	13603.3	14145.9
10°	5368.7	6174.1	6958.4	7899.5	8928.6	10030.9	11187.0	12440.1	13644.0	14589.2	15434.1
7.5°	5553.5	6411.4	7319.3	8279.4	9308.5	10446.2	11678.3	12982.2	14221.3	15277.0	16205.5
5°	5691.6	6570.6	7484.6	8466.3	9566.4	10754.4	12004.9	13373.9	14639.3	15770.8	16720.8
2.5°	5779.3	6666.7	7576.7	8574.8	9731.8	10955.0	12245.8	13651.0	14935.4	16100.2	17047.1
0°	5813.0	6687.5	7619.4	8647.0	9792.4	11018.5	12365.0	13786.8	15081.3	16207.5	17181.9
-2.5°	5817.6	6668.1	7622.1	8644.8	9740.8	10978.3	12341.1	13751.1	15019.3	16140.9	17123.9
-5°	5772.0	6622.1	7577.0	8584.2	9681.7	10909.9	12214.2	13576.6	14786.2	15877.8	16824.3
-7.5°	5679.4	6527.2	7460.9	8445.1	9512.9	10704.3	11957.0	13223.7	14410.3	15457.3	16360.5
-10°	5542.0	6372.0	7273.4	8232.3	9242.7	10375.9	11570.4	12780.6	13893.4	14861.6	15696.8
-12.5°	5356.0	6166.8	7027.6	7943.1	8883.6	9964.0	11091.8	12228.3	13242.6	14126.6	14875.9
-15°	5114.4	5906.3	6739.8	7605.6	8517.7	9494.7	10506.8	11549.3	12484.7	13268.6	13953.2
-17.5°	4829.9	5597.8	6389.5	7192.0	8057.4	8974.1	9913.7	10849.5	11647.2	12343.6	12969.7
-20°	4512.6	5252.5	6004.5	6752.6	7537.8	8385.6	9253.4	10075.4	10772.5	11405.3	11978.1



REPORT NUMBER: P627382 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-727-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4156.9	4865.2	5585.9	6286.0	6994.1	7761.7	8536.7	9280.0	9932.2	10473.4	10971.2
-25°	3776.1	4430.6	5111.1	5767.6	6419.3	7107.1	7811.1	8495.0	9068.9	9538.9	9950.3
-27.5°	3392.4	3990.4	4590.1	5208.1	5810.4	6445.2	7082.5	7673.2	8188.5	8621.2	8966.9
-30°	2989.1	3523.7	4071.4	4630.5	5205.7	5786.6	6362.4	6879.6	7329.4	7710.0	8008.7
-32.5°	2653.9	3060.1	3543.5	4051.2	4590.3	5119.6	5620.5	6091.9	6515.8	6848.1	7101.4
-35°	2332.7	2676.6	3038.7	3488.0	3951.2	4438.2	4899.0	5319.8	5697.6	5988.0	6226.3
-37.5°	2056.5	2328.5	2634.7	2955.5	3343.8	3746.4	4162.3	4558.1	4895.0	5148.3	5361.1
-40°	1817.4	2032.2	2276.9	2531.2	2816.9	3106.1	3468.2	3802.2	4077.2	4314.0	4506.8
-42.5°	1601.3	1782.6	1963.2	2171.8	2387.4	2620.0	2874.1	3121.1	3332.1	3530.3	3694.1
-45°	1414.8	1559.6	1703.6	1864.7	2022.9	2212.1	2393.6	2555.6	2726.6	2875.0	2991.7
-47.5°	1251.7	1364.6	1488.0	1608.6	1735.7	1878.1	2013.2	2136.4	2261.7	2370.2	2457.3
-50°	1106.7	1200.3	1301.1	1395.8	1498.6	1602.8	1702.6	1800.7	1895.9	1978.4	2042.6
-52.5°	979.8	1061.6	1140.1	1215.6	1297.3	1374.4	1446.7	1527.6	1602.0	1667.1	1711.1
-55°	871.8	938.5	1002.8	1065.8	1127.7	1186.1	1243.7	1306.6	1364.0	1415.7	1448.5
-57.5°	770.3	827.1	881.6	933.0	982.1	1028.5	1077.1	1125.4	1169.7	1208.7	1234.0
-60°	678.0	724.4	771.6	813.5	853.1	890.2	931.1	969.7	1005.5	1035.5	1053.0
-62.5°	593.4	635.0	669.9	703.1	736.7	770.1	799.2	827.7	855.3	878.5	893.8
-65°	505.0	540.3	569.9	596.6	620.7	646.6	671.4	693.7	713.6	728.7	738.4
-67.5°	425.9	451.9	475.6	496.8	518.3	539.1	558.1	575.1	590.1	600.6	607.6
-70°	357.2	377.0	396.4	415.7	434.9	451.1	464.9	477.6	489.1	493.9	496.0
-72.5°	296.8	314.4	331.5	348.5	364.4	377.1	387.2	396.5	404.9	397.7	385.1
-75°	242.0	257.5	273.5	288.5	302.6	312.2	319.8	326.7	333.1	317.4	295.9
-77.5°	197.3	210.9	222.7	234.4	245.9	252.1	256.9	261.6	266.2	248.7	226.6
-80°	146.4	157.3	167.3	177.2	186.8	190.5	192.6	194.1	194.9	179.9	162.7
-82.5°	98.9	104.6	110.1	115.8	121.7	124.7	127.1	128.8	130.1	119.5	107.6
-85°	55.4	57.1	58.5	59.6	60.6	62.5	64.4	66.1	67.6	62.6	57.0
-87.5°	19.1	19.1	19.0	18.8	18.6	18.6	18.7	18.6	18.5	17.7	16.9
-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: P627382 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-727-U-WR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3
62.5°	1.3	1.3	1.4	1.4	1.4	1.3	1.3	1.1	1.0	0.9	1.0
60°	2.7	1.7	1.4	1.4	1.4	1.7	2.7	3.5	4.0	5.3	5.7
57.5°	27.2	23.8	21.3	19.2	21.3	23.8	27.2	29.2	29.3	37.9	39.1
55°	181.2	168.7	153.5	135.5	153.5	168.7	181.2	184.6	176.9	161.4	145.7
52.5°	355.5	367.3	374.2	373.6	374.2	367.3	355.5	343.4	331.8	315.8	301.7
50°	467.9	474.4	474.7	469.4	474.7	474.4	467.9	457.3	444.1	425.7	396.1
47.5°	685.6	676.6	661.1	644.5	661.1	676.6	685.6	677.2	658.5	619.8	545.7
45°	1196.4	1225.2	1223.3	1186.4	1223.3	1225.2	1196.4	1144.0	1064.5	992.2	939.7
42.5°	1635.0	1678.1	1708.7	1724.2	1708.7	1678.1	1635.0	1582.0	1487.3	1377.5	1260.8
40°	2059.3	2101.0	2119.4	2118.3	2119.4	2101.0	2059.3	1988.4	1862.5	1711.5	1573.8
37.5°	2507.7	2561.7	2587.8	2575.4	2587.8	2561.7	2507.7	2434.9	2322.5	2140.1	1984.9
35°	3124.3	3174.8	3175.7	3150.1	3175.7	3174.8	3124.3	3077.2	2968.2	2738.4	2625.1
32.5°	4487.2	4504.1	4374.3	4328.3	4374.3	4504.1	4487.2	4296.8	4056.8	3826.1	3570.8
30°	5729.5	5849.3	5960.7	6016.9	5960.7	5849.3	5729.5	5576.3	5422.4	4982.9	4582.5
27.5°	6560.6	6704.7	6793.9	6799.7	6793.9	6704.7	6560.6	6375.6	6130.3	5764.5	5331.2
25°	7316.6	7477.7	7575.1	7608.4	7575.1	7477.7	7316.6	7099.8	6813.7	6437.4	5960.5
22.5°	8108.5	8298.5	8424.3	8450.0	8424.3	8298.5	8108.5	7844.0	7532.3	7141.9	6599.1
20°	9027.3	9248.4	9369.0	9364.1	9369.0	9248.4	9027.3	8688.3	8328.9	7863.9	7272.9
17.5°	10237.0	10474.1	10578.2	10532.7	10578.2	10474.1	10237.0	9799.5	9418.5	8861.6	8205.8
15°	12322.2	12818.1	12816.1	12618.2	12816.1	12818.1	12322.2	11821.5	11333.8	10622.8	9849.3
12.5°	14894.3	15263.9	15643.0	15724.5	15643.0	15263.9	14894.3	14145.9	13603.3	12502.5	11601.5
10°	16145.8	16636.6	16960.5	16952.0	16960.5	16636.6	16145.8	15434.1	14589.2	13644.0	12440.1
7.5°	16928.8	17471.0	17863.5	17855.1	17863.5	17471.0	16928.8	16205.5	15277.0	14221.3	12982.2
5°	17533.0	18134.4	18482.1	18507.9	18482.1	18134.4	17533.0	16720.8	15770.8	14639.3	13373.9
2.5°	17847.0	18474.7	18892.7	18837.6	18892.7	18474.7	17847.0	17047.1	16100.2	14935.4	13651.0
0°	17978.3	18599.5	18989.5	19157.9	18989.5	18599.5	17978.3	17181.9	16207.5	15081.3	13786.8
-2.5°	17920.9	18525.5	18956.4	18973.1	18956.4	18525.5	17920.9	17123.9	16140.9	15019.3	13751.1
-5°	17613.9	18251.8	18540.6	18694.0	18540.6	18251.8	17613.9	16824.3	15877.8	14786.2	13576.6
-7.5°	17118.7	17596.7	17963.6	18132.9	17963.6	17596.7	17118.7	16360.5	15457.3	14410.3	13223.7
-10°	16348.0	16842.9	17152.9	17292.7	17152.9	16842.9	16348.0	15696.8	14861.6	13893.4	12780.6
-12.5°	15494.3	15944.1	16238.8	16356.7	16238.8	15944.1	15494.3	14875.9	14126.6	13242.6	12228.3
-15°	14541.7	14950.1	15221.3	15334.5	15221.3	14950.1	14541.7	13953.2	13268.6	12484.7	11549.3
-17.5°	13493.2	13851.0	14121.3	14202.8	14121.3	13851.0	13493.2	12969.7	12343.6	11647.2	10849.5
-20°	12415.0	12738.5	12961.1	13009.6	12961.1	12738.5	12415.0	11978.1	11405.3	10772.5	10075.4



REPORT NUMBER: P627382 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-727-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	11328.6	11595.1	11775.9	11836.8	11775.9	11595.1	11328.6	10971.2	10473.4	9932.2	9280.0
-25°	10266.9	10496.9	10642.5	10696.9	10642.5	10496.9	10266.9	9950.3	9538.9	9068.9	8495.0
-27.5°	9245.8	9460.2	9593.9	9611.8	9593.9	9460.2	9245.8	8966.9	8621.2	8188.5	7673.2
-30°	8241.0	8418.2	8521.2	8564.9	8521.2	8418.2	8241.0	8008.7	7710.0	7329.4	6879.6
-32.5°	7302.1	7456.8	7549.4	7574.2	7549.4	7456.8	7302.1	7101.4	6848.1	6515.8	6091.9
-35°	6415.8	6558.6	6640.7	6634.1	6640.7	6558.6	6415.8	6226.3	5988.0	5697.6	5319.8
-37.5°	5537.1	5668.9	5743.4	5736.4	5743.4	5668.9	5537.1	5361.1	5148.3	4895.0	4558.1
-40°	4665.4	4779.1	4844.7	4860.6	4844.7	4779.1	4665.4	4506.8	4314.0	4077.2	3802.2
-42.5°	3830.3	3935.3	3987.7	3967.0	3987.7	3935.3	3830.3	3694.1	3530.3	3332.1	3121.1
-45°	3073.4	3127.7	3163.4	3185.7	3163.4	3127.7	3073.4	2991.7	2875.0	2726.6	2555.6
-47.5°	2521.0	2566.0	2590.3	2594.5	2590.3	2566.0	2521.0	2457.3	2370.2	2261.7	2136.4
-50°	2092.6	2130.8	2147.7	2142.9	2147.7	2130.8	2092.6	2042.6	1978.4	1895.9	1800.7
-52.5°	1742.7	1764.9	1779.9	1787.2	1779.9	1764.9	1742.7	1711.1	1667.1	1602.0	1527.6
-55°	1473.1	1490.4	1500.5	1503.9	1500.5	1490.4	1473.1	1448.5	1415.7	1364.0	1306.6
-57.5°	1255.1	1271.6	1277.5	1275.4	1277.5	1271.6	1255.1	1234.0	1208.7	1169.7	1125.4
-60°	1066.5	1075.9	1082.9	1086.5	1082.9	1075.9	1066.5	1053.0	1035.5	1005.5	969.7
-62.5°	906.0	914.8	922.1	926.4	922.1	914.8	906.0	893.8	878.5	855.3	827.7
-65°	745.2	749.1	750.2	748.5	750.2	749.1	745.2	738.4	728.7	713.6	693.7
-67.5°	612.7	616.0	618.2	618.5	618.2	616.0	612.7	607.6	600.6	590.1	575.1
-70°	498.1	499.5	497.9	494.0	497.9	499.5	498.1	496.0	493.9	489.1	477.6
-72.5°	372.1	358.5	344.9	329.8	344.9	358.5	372.1	385.1	397.7	404.9	396.5
-75°	273.5	250.4	242.1	234.0	242.1	250.4	273.5	295.9	317.4	333.1	326.7
-77.5°	203.5	179.5	173.0	166.9	173.0	179.5	203.5	226.6	248.7	266.2	261.6
-80°	144.6	125.8	121.7	117.7	121.7	125.8	144.6	162.7	179.9	194.9	194.1
-82.5°	95.0	81.9	79.3	76.6	79.3	81.9	95.0	107.6	119.5	130.1	128.8
-85°	51.2	45.0	43.8	42.4	43.8	45.0	51.2	57.0	62.6	67.6	66.1
-87.5°	16.0	15.0	15.1	15.1	15.1	15.0	16.0	16.9	17.7	18.5	18.6
-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: P627382 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	0.0	0.0	0.0	0.3	0.6	0.9	1.1	1.1	1.1	1.0	1.0
85°	0.0	0.0	0.0	0.4	0.7	1.1	1.4	1.4	1.4	1.4	1.4
82.5°	0.0	0.0	0.0	0.4	0.7	1.1	1.4	1.4	1.4	1.4	1.4
80°	0.0	0.0	0.0	0.4	0.8	1.1	1.4	1.4	1.4	1.4	1.4
77.5°	0.0	0.0	0.1	0.4	0.8	1.1	1.4	1.4	1.4	1.4	1.4
75°	0.0	0.0	0.1	0.5	0.8	1.2	1.4	1.4	1.4	1.4	1.4
72.5°	0.0	0.0	0.1	0.4	0.8	1.2	1.4	1.4	1.4	1.4	1.4
70°	0.0	0.0	0.0	0.0	0.1	0.4	0.8	1.2	1.4	1.4	1.4
67.5°	0.0	0.0	0.2	0.6	0.7	0.7	0.6	0.7	1.1	1.4	1.4
65°	0.3	0.3	0.3	0.7	1.0	1.4	1.4	1.3	1.3	1.5	1.4
62.5°	1.1	1.4	1.3	1.2	1.2	1.7	1.8	1.9	1.7	2.1	3.1
60°	4.5	2.3	4.9	5.8	4.5	4.4	7.7	7.2	2.7	10.2	12.4
57.5°	30.0	27.7	39.7	38.5	23.0	32.9	39.3	26.3	18.3	29.1	35.1
55°	131.0	128.1	124.7	117.5	107.7	100.4	99.0	98.8	78.4	56.9	64.5
52.5°	287.2	255.6	233.1	222.1	206.3	182.6	163.4	159.7	154.9	128.2	105.9
50°	368.9	363.2	338.8	301.3	297.8	273.9	240.7	217.8	214.9	196.5	162.8
47.5°	530.0	529.9	479.9	434.3	421.0	400.2	358.1	296.3	290.6	275.0	237.4
45°	858.8	799.1	771.2	683.3	587.7	550.9	515.8	441.4	380.6	356.7	330.2
42.5°	1163.6	1074.9	1001.5	913.4	808.1	716.0	650.2	568.4	494.9	444.1	406.2
40°	1448.8	1305.8	1204.2	1093.2	978.7	864.5	783.1	680.3	596.6	528.3	488.2
37.5°	1805.3	1608.7	1495.9	1323.2	1178.8	1060.8	956.5	825.7	691.1	635.6	585.8
35°	2330.0	2097.2	1965.2	1755.1	1463.2	1358.8	1222.9	1027.0	856.7	761.6	700.1
32.5°	3271.3	2923.3	2680.3	2399.8	2013.3	1738.4	1557.8	1339.8	1067.1	930.2	828.3
30°	4227.3	3756.8	3416.5	3131.6	2618.0	2212.8	1934.1	1625.6	1331.6	1109.3	970.9
27.5°	4874.9	4412.5	3988.8	3579.5	3163.5	2693.0	2275.6	1879.5	1558.0	1309.5	1130.6
25°	5443.1	4920.1	4442.9	3999.4	3554.9	3097.7	2592.1	2147.0	1769.6	1485.3	1251.8
22.5°	6005.7	5449.5	4908.6	4392.9	3941.8	3452.7	2918.6	2406.4	1972.7	1678.1	1397.6
20°	6643.4	6003.0	5378.6	4891.0	4377.4	3819.5	3225.5	2737.2	2312.3	1908.7	1557.1
17.5°	7556.0	6700.3	6126.7	5577.4	4910.2	4228.4	3712.7	3200.8	2677.5	2152.4	1724.4
15°	8792.3	7908.3	7251.1	6498.4	5582.2	4878.0	4311.0	3689.4	3069.5	2440.7	1923.6
12.5°	10262.1	9189.6	8415.6	7343.9	6312.7	5551.1	4909.8	4214.0	3452.6	2701.4	2108.8
10°	11187.0	10030.9	8928.6	7899.5	6958.4	6174.1	5368.7	4519.1	3672.2	2898.0	2269.1
7.5°	11678.3	10446.2	9308.5	8279.4	7319.3	6411.4	5553.5	4697.9	3848.8	3051.6	2404.5
5°	12004.9	10754.4	9566.4	8466.3	7484.6	6570.6	5691.6	4819.1	3981.7	3164.9	2515.2
2.5°	12245.8	10955.0	9731.8	8574.8	7576.7	6666.7	5779.3	4889.7	4051.0	3225.6	2553.8
0°	12365.0	11018.5	9792.4	8647.0	7619.4	6687.5	5813.0	4915.4	4066.9	3251.4	2569.9
-2.5°	12341.1	10978.3	9740.8	8644.8	7622.1	6668.1	5817.6	4929.3	4071.4	3270.7	2581.2
-5°	12214.2	10909.9	9681.7	8584.2	7577.0	6622.1	5772.0	4899.1	4039.4	3255.3	2570.4
-7.5°	11957.0	10704.3	9512.9	8445.1	7460.9	6527.2	5679.4	4825.1	3974.8	3202.2	2538.3
-10°	11570.4	10375.9	9242.7	8232.3	7273.4	6372.0	5542.0	4700.1	3868.0	3115.0	2482.8
-12.5°	11091.8	9964.0	8883.6	7943.1	7027.6	6166.8	5356.0	4523.9	3719.6	2993.9	2403.5
-15°	10506.8	9494.7	8517.7	7605.6	6739.8	5906.3	5114.4	4304.5	3530.9	2837.9	2300.7
-17.5°	9913.7	8974.1	8057.4	7192.0	6389.5	5597.8	4829.9	4060.5	3320.4	2669.7	2180.2
-20°	9253.4	8385.6	7537.8	6752.6	6004.5	5252.5	4512.6	3772.7	3079.2	2512.3	2073.6



REPORT NUMBER: P627382 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-727-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	8536.7	7761.7	6994.1	6286.0	5585.9	4865.2	4156.9	3458.4	2800.5	2335.7	1952.7
-25°	7811.1	7107.1	6419.3	5767.6	5111.1	4430.6	3776.1	3138.4	2594.5	2169.1	1822.2
-27.5°	7082.5	6445.2	5810.4	5208.1	4590.1	3990.4	3392.4	2814.4	2371.5	2009.7	1700.5
-30°	6362.4	5786.6	5205.7	4630.5	4071.4	3523.7	2989.1	2551.3	2166.3	1839.3	1564.4
-32.5°	5620.5	5119.6	4590.3	4051.2	3543.5	3060.1	2653.9	2285.0	1952.2	1682.4	1443.3
-35°	4899.0	4438.2	3951.2	3488.0	3038.7	2676.6	2332.7	2030.9	1764.8	1525.9	1322.5
-37.5°	4162.3	3746.4	3343.8	2955.5	2634.7	2328.5	2056.5	1810.1	1580.2	1390.2	1215.1
-40°	3468.2	3106.1	2816.9	2531.2	2276.9	2032.2	1817.4	1605.7	1428.2	1261.0	1110.3
-42.5°	2874.1	2620.0	2387.4	2171.8	1963.2	1782.6	1601.3	1436.6	1281.6	1141.5	1016.3
-45°	2393.6	2212.1	2022.9	1864.7	1703.6	1559.6	1414.8	1279.1	1148.9	1034.5	923.5
-47.5°	2013.2	1878.1	1735.7	1608.6	1488.0	1364.6	1251.7	1134.7	1033.7	932.0	839.4
-50°	1702.6	1602.8	1498.6	1395.8	1301.1	1200.3	1106.7	1014.7	925.8	841.4	757.1
-52.5°	1446.7	1374.4	1297.3	1215.6	1140.1	1061.6	979.8	905.8	829.2	754.8	681.1
-55°	1243.7	1186.1	1127.7	1065.8	1002.8	938.5	871.8	805.3	739.4	671.6	616.0
-57.5°	1077.1	1028.5	982.1	933.0	881.6	827.1	770.3	710.9	657.0	605.7	555.2
-60°	931.1	890.2	853.1	813.5	771.6	724.4	678.0	631.3	584.6	540.1	496.8
-62.5°	799.2	770.1	736.7	703.1	669.9	635.0	593.4	552.2	512.6	474.4	438.7
-65°	671.4	646.6	620.7	596.6	569.9	540.3	505.0	472.8	441.8	410.3	380.8
-67.5°	558.1	539.1	518.3	496.8	475.6	451.9	425.9	399.2	374.3	348.5	326.5
-70°	464.9	451.1	434.9	415.7	396.4	377.0	357.2	336.2	313.5	290.5	272.7
-72.5°	387.2	377.1	364.4	348.5	331.5	314.4	296.8	278.2	258.2	236.8	219.7
-75°	319.8	312.2	302.6	288.5	273.5	257.5	242.0	225.1	205.6	183.7	166.4
-77.5°	256.9	252.1	245.9	234.4	222.7	210.9	197.3	177.4	157.7	139.0	126.3
-80°	192.6	190.5	186.8	177.2	167.3	157.3	146.4	131.3	116.8	103.4	93.0
-82.5°	127.1	124.7	121.7	115.8	110.1	104.6	98.9	88.7	78.7	69.0	60.6
-85°	64.4	62.5	60.6	59.6	58.5	57.1	55.4	49.6	44.0	38.7	34.0
-87.5°	18.7	18.6	18.6	18.8	19.0	19.1	19.1	17.7	16.3	14.9	13.6
-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: P627382 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-727-U-WR-VSR-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°	0.9	0.9	0.9	0.8	0.8	0.7	0.6	0.6	0.5	0.5	0.4
85°	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.2	1.1	1.0	0.8
82.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3
80°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
77.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
75°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
72.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
70°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.4	1.4	1.4
67.5°	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.7	1.8	1.4	1.4
65°	1.4	1.4	1.5	2.1	1.9	1.4	1.4	2.7	2.3	2.0	1.4
62.5°	2.7	1.4	3.6	4.8	3.1	2.5	2.0	5.7	3.7	2.6	1.9
60°	6.2	5.1	9.6	14.6	10.5	4.1	6.0	9.8	9.1	3.3	2.6
57.5°	31.7	14.5	21.4	27.8	26.5	14.9	12.1	16.8	15.3	8.9	3.5
55°	65.7	55.9	44.5	44.2	44.7	35.4	25.2	26.0	23.0	16.3	5.2
52.5°	99.9	96.8	86.2	70.2	64.5	58.3	47.7	36.8	34.2	24.4	12.8
50°	142.4	134.6	126.2	109.8	89.0	80.9	69.9	56.2	46.5	34.1	21.3
47.5°	191.0	177.5	164.8	149.0	126.2	104.7	92.5	76.3	60.1	46.8	29.8
45°	266.9	222.8	205.7	187.3	164.0	137.1	116.0	96.1	77.9	59.7	38.3
42.5°	344.8	283.5	247.6	227.0	202.5	172.2	140.5	118.1	95.4	72.4	48.4
40°	423.3	347.4	293.0	267.2	242.3	207.2	171.6	141.1	112.5	85.7	59.5
37.5°	508.0	418.9	345.3	309.0	282.7	244.9	203.3	164.5	130.1	100.0	70.4
35°	613.5	503.7	402.2	357.4	322.1	283.3	234.5	190.0	151.1	114.5	81.2
32.5°	732.1	597.2	483.8	410.1	362.1	322.4	267.9	218.8	172.7	128.9	91.8
30°	850.1	693.5	561.1	462.4	404.7	359.1	303.4	247.7	194.8	143.3	102.5
27.5°	940.1	776.6	633.6	525.1	451.7	395.5	338.8	276.7	217.2	159.2	114.3
25°	1032.0	853.5	703.8	586.6	497.9	432.7	372.9	305.8	241.0	177.4	125.8
22.5°	1139.5	926.6	763.1	642.1	546.8	470.5	405.3	335.3	265.2	195.5	137.0
20°	1244.5	994.0	817.6	706.9	600.2	512.7	437.2	363.3	288.8	213.3	147.8
17.5°	1352.3	1088.6	908.2	773.9	655.4	554.3	468.7	389.9	311.7	230.6	158.2
15°	1514.6	1215.2	999.5	840.1	708.7	595.2	499.5	415.0	333.8	247.3	167.5
12.5°	1667.6	1334.3	1088.1	904.8	759.9	634.8	529.4	438.4	354.9	261.2	175.2
10°	1802.8	1445.1	1172.9	967.3	808.5	672.8	558.0	456.9	367.4	272.3	182.1
7.5°	1920.5	1546.9	1252.9	1026.7	850.0	698.5	572.6	466.5	376.9	282.0	188.2
5°	2010.6	1616.1	1296.9	1050.4	865.6	710.3	583.1	474.3	384.4	290.3	193.4
2.5°	2040.3	1639.2	1314.3	1063.8	877.0	718.7	591.1	480.3	390.1	297.1	197.7
0°	2054.0	1650.3	1323.3	1071.5	884.0	723.9	596.6	484.4	394.1	302.4	201.2
-2.5°	2069.1	1665.5	1335.8	1083.4	891.4	731.0	602.5	490.8	399.8	308.3	207.0
-5°	2068.0	1668.3	1339.8	1089.2	894.2	734.8	605.8	495.4	403.9	312.7	211.8
-7.5°	2046.2	1655.4	1334.7	1088.0	892.7	735.2	606.8	498.1	406.4	315.4	215.6
-10°	2007.1	1628.5	1319.7	1078.1	886.8	732.0	605.3	498.9	407.5	316.6	218.3
-12.5°	1952.0	1590.3	1295.5	1062.0	876.2	725.1	600.9	496.6	406.8	316.2	219.8
-15°	1881.3	1541.1	1262.1	1039.7	861.0	714.9	593.8	491.8	403.3	313.9	220.1
-17.5°	1795.7	1481.4	1219.4	1011.3	841.0	701.4	584.0	485.1	398.5	309.9	219.7
-20°	1716.3	1418.5	1170.2	976.8	816.3	684.6	571.5	476.6	392.5	304.8	218.7

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REPORT NUMBER: P627382 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4C-727-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1627.5	1353.1	1126.6	943.7	790.2	664.5	556.4	466.2	385.3	298.7	216.7
-25°	1525.9	1279.1	1076.8	906.9	764.8	645.2	540.8	454.1	377.1	291.9	213.8
-27.5°	1430.4	1202.7	1021.0	864.4	735.5	623.1	525.4	442.9	367.6	284.3	210.0
-30°	1333.0	1136.2	967.5	819.9	703.1	598.4	508.1	430.8	356.9	277.6	205.4
-32.5°	1234.0	1063.8	910.2	781.3	671.8	571.9	489.2	417.9	345.8	271.0	201.5
-35°	1148.9	992.5	848.6	739.9	639.6	549.2	470.4	404.2	334.3	263.5	197.3
-37.5°	1058.3	920.1	800.7	698.6	605.2	524.6	452.3	388.0	322.4	255.1	192.3
-40°	977.2	852.6	749.1	658.8	574.2	497.9	432.1	370.8	311.4	245.9	186.3
-42.5°	894.6	791.3	698.8	616.0	543.0	473.4	410.2	352.5	297.1	237.3	179.5
-45°	822.3	728.4	646.7	577.1	510.5	446.8	388.7	333.4	281.7	228.6	172.4
-47.5°	747.5	667.9	598.1	536.4	478.4	419.1	366.1	315.8	265.8	218.8	165.2
-50°	677.8	610.5	552.5	497.2	443.1	393.2	343.5	297.6	251.4	205.9	157.0
-52.5°	615.8	559.7	508.1	457.7	411.3	366.3	323.2	279.1	236.2	193.1	148.0
-55°	561.0	511.0	464.5	421.0	379.4	342.2	302.5	261.7	220.5	179.9	138.4
-57.5°	508.5	463.5	424.0	385.2	349.8	317.4	282.2	243.7	204.6	166.0	129.8
-60°	455.7	419.5	384.4	351.9	321.2	291.8	261.9	225.1	188.2	151.8	119.5
-62.5°	405.2	374.8	347.8	319.2	291.0	265.2	240.9	205.9	171.0	137.7	108.0
-65°	355.5	332.3	310.5	283.6	259.1	237.6	217.4	185.9	153.0	122.8	96.0
-67.5°	306.4	287.3	267.8	246.0	227.8	210.2	192.3	163.9	134.0	107.0	83.9
-70°	256.8	240.6	226.6	212.8	197.7	182.2	164.4	140.2	114.0	92.0	71.3
-72.5°	208.2	198.2	189.9	180.1	167.4	152.7	136.1	116.3	95.9	76.6	58.4
-75°	160.3	158.3	155.8	149.5	137.3	123.5	110.1	94.8	77.3	60.7	47.6
-77.5°	126.3	125.5	123.7	119.3	108.6	97.4	85.7	72.9	59.6	48.2	37.4
-80°	93.5	93.4	92.6	89.9	80.8	71.3	63.1	54.9	45.2	35.9	27.0
-82.5°	61.5	62.4	62.8	62.0	55.8	49.7	43.9	38.0	30.5	23.3	18.1
-85°	35.1	35.8	35.9	35.5	31.7	28.0	25.6	23.1	19.1	15.4	12.1
-87.5°	14.6	15.4	16.0	16.5	15.2	14.0	12.8	11.6	9.6	7.7	6.1
-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: P627382 (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°	0.4	0.3	0.2	0.2	0.1	0.1	0.0
85°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
82.5°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
80°	1.4	1.2	1.0	0.7	0.5	0.2	0.0
77.5°	1.4	1.4	1.2	0.9	0.6	0.3	0.0
75°	1.4	1.4	1.4	1.1	0.7	0.4	0.0
72.5°	1.4	1.4	1.4	1.3	0.8	0.4	0.0
70°	1.4	1.4	1.4	1.4	1.0	0.5	0.0
67.5°	1.5	1.4	1.4	1.4	1.1	0.5	0.0
65°	1.7	1.5	1.4	1.4	1.2	0.6	0.0
62.5°	1.9	1.9	1.4	1.4	1.3	0.6	0.0
60°	2.2	2.2	1.4	1.4	1.4	0.7	0.0
57.5°	3.7	2.6	1.8	1.4	1.4	0.8	0.0
55°	5.7	3.0	2.2	1.4	1.4	0.8	0.0
52.5°	7.9	3.8	2.6	1.4	1.5	0.9	0.0
50°	10.5	6.2	3.1	1.4	1.5	0.9	0.0
47.5°	13.9	8.7	3.6	1.5	1.5	0.9	0.0
45°	21.3	11.4	4.1	1.9	1.6	1.0	0.0
42.5°	28.7	14.2	4.6	2.2	1.6	1.0	0.0
40°	36.1	17.2	6.0	2.7	1.6	1.1	0.0
37.5°	43.4	20.4	8.3	3.3	1.7	1.1	0.0
35°	50.6	25.3	10.7	4.0	1.8	1.1	0.0
32.5°	58.2	31.0	13.1	4.6	1.8	1.2	0.0
30°	66.8	36.6	15.5	5.4	1.9	1.2	0.0
27.5°	75.1	42.0	18.3	6.2	1.9	1.2	0.0
25°	83.1	47.2	21.0	7.0	2.0	1.3	0.0
22.5°	90.7	52.3	23.7	7.8	2.1	1.3	0.0
20°	98.0	57.2	26.3	8.7	2.2	1.3	0.0
17.5°	104.8	61.8	28.8	9.5	2.2	1.3	0.0
15°	111.0	66.1	31.2	10.4	2.3	1.4	0.0
12.5°	116.7	70.2	33.5	11.3	2.4	1.4	0.0
10°	121.8	73.8	35.6	12.1	2.4	1.4	0.0
7.5°	126.4	77.1	37.6	12.9	2.5	1.4	0.0
5°	130.5	80.1	39.4	13.7	2.6	1.4	0.0
2.5°	133.9	82.6	41.0	14.4	2.6	1.4	0.0
0°	136.8	84.8	42.4	15.1	2.7	1.4	0.0
-2.5°	140.5	87.5	44.3	16.1	3.1	1.5	0.0
-5°	143.6	89.7	46.1	16.9	3.5	1.6	0.0
-7.5°	146.0	91.5	47.5	17.7	3.9	1.7	0.0
-10°	147.8	92.9	48.7	18.4	4.3	1.7	0.0
-12.5°	148.8	93.8	49.6	19.0	4.7	1.8	0.0
-15°	149.1	94.2	50.2	19.5	5.0	1.9	0.0
-17.5°	148.7	94.2	50.5	19.8	5.3	1.9	0.0
-20°	148.3	93.7	50.4	20.1	5.6	2.0	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	148.4	92.6	50.0	20.2	5.9	2.0	0.0
-25°	147.7	92.3	49.3	20.2	6.1	2.1	0.0
-27.5°	146.3	91.9	48.1	20.0	6.3	2.1	0.0
-30°	144.1	90.9	46.7	19.7	6.4	2.1	0.0
-32.5°	141.2	89.4	46.2	19.3	6.5	2.1	0.0
-35°	138.5	87.2	45.2	18.8	6.6	2.1	0.0
-37.5°	135.3	84.9	43.8	18.0	6.6	2.1	0.0
-40°	131.5	82.8	42.1	17.2	6.6	2.1	0.0
-42.5°	126.8	80.2	40.8	16.4	6.6	2.1	0.0
-45°	121.4	77.1	40.0	15.8	6.4	2.0	0.0
-47.5°	115.3	73.5	38.8	14.9	6.3	2.0	0.0
-50°	109.9	69.3	37.2	14.6	6.1	1.9	0.0
-52.5°	104.1	64.7	35.1	14.5	5.9	1.8	0.0
-55°	97.7	60.9	32.7	14.1	5.6	1.8	0.0
-57.5°	90.7	56.7	29.9	13.5	5.3	1.7	0.0
-60°	83.2	52.0	26.8	12.8	4.9	1.6	0.0
-62.5°	75.9	46.8	24.9	11.9	4.6	1.5	0.0
-65°	67.9	41.1	22.8	10.8	4.3	1.4	0.0
-67.5°	59.2	35.9	20.4	9.6	4.0	1.3	0.0
-70°	49.9	31.5	17.8	8.3	3.6	1.1	0.0
-72.5°	42.4	26.8	14.9	7.3	3.2	1.0	0.0
-75°	34.8	21.7	11.8	6.4	2.8	0.9	0.0
-77.5°	26.8	16.3	9.8	5.4	2.3	0.7	0.0
-80°	18.6	12.5	7.9	4.4	1.9	0.6	0.0
-82.5°	13.7	9.5	6.0	3.3	1.4	0.4	0.0
-85°	9.2	6.3	4.0	2.2	1.0	0.3	0.0
-87.5°	4.6	3.2	2.0	1.1	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)