

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



Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P626742 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-735-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626742 (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: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1D-735-U-WR-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (16) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

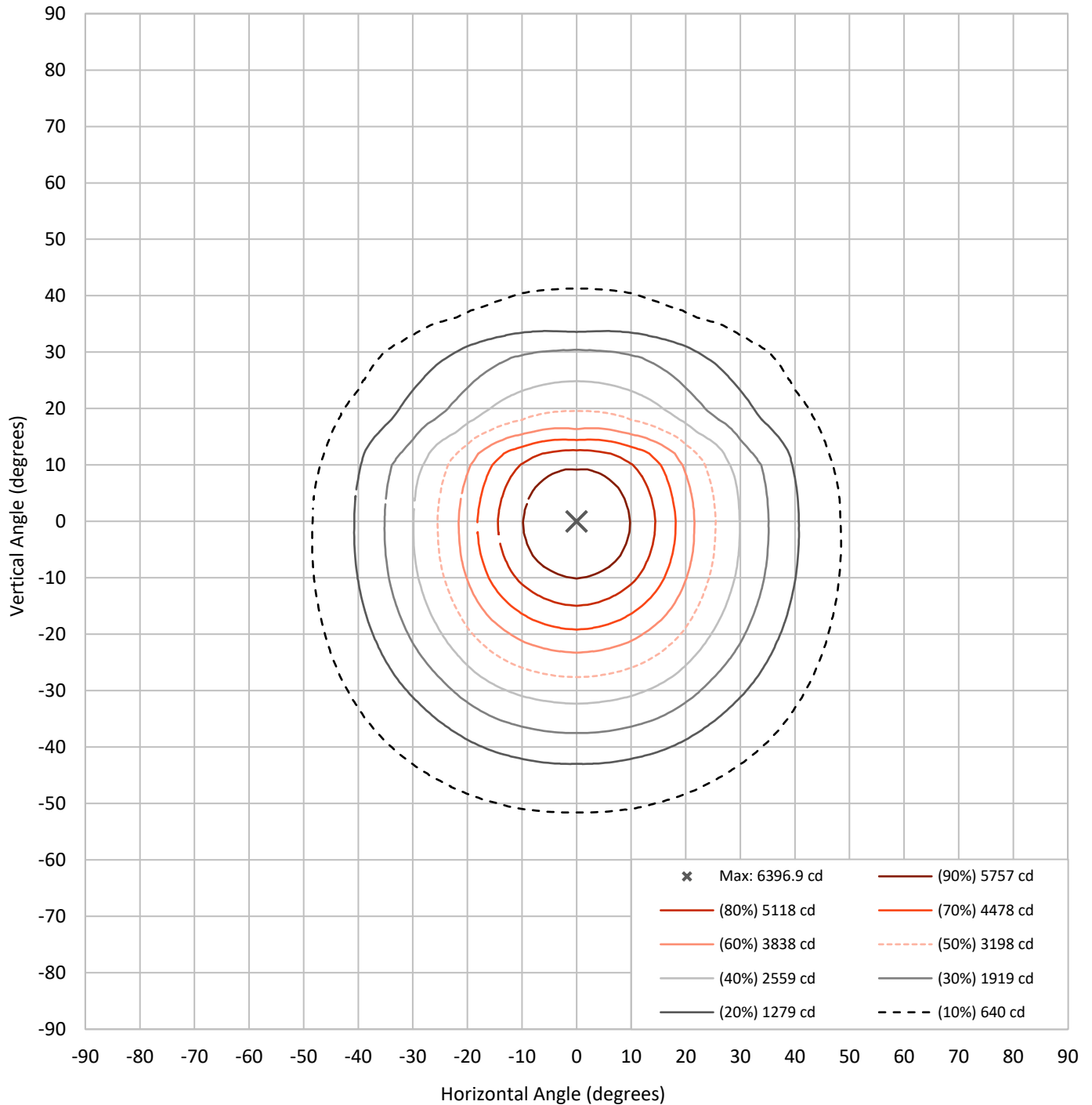
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	5643.5 lumens	Max Intensity:	6396.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	98.5 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' 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:	2717.1 lumens	Field Lumens:	5052.8 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
Input Watts (W):	57.3		
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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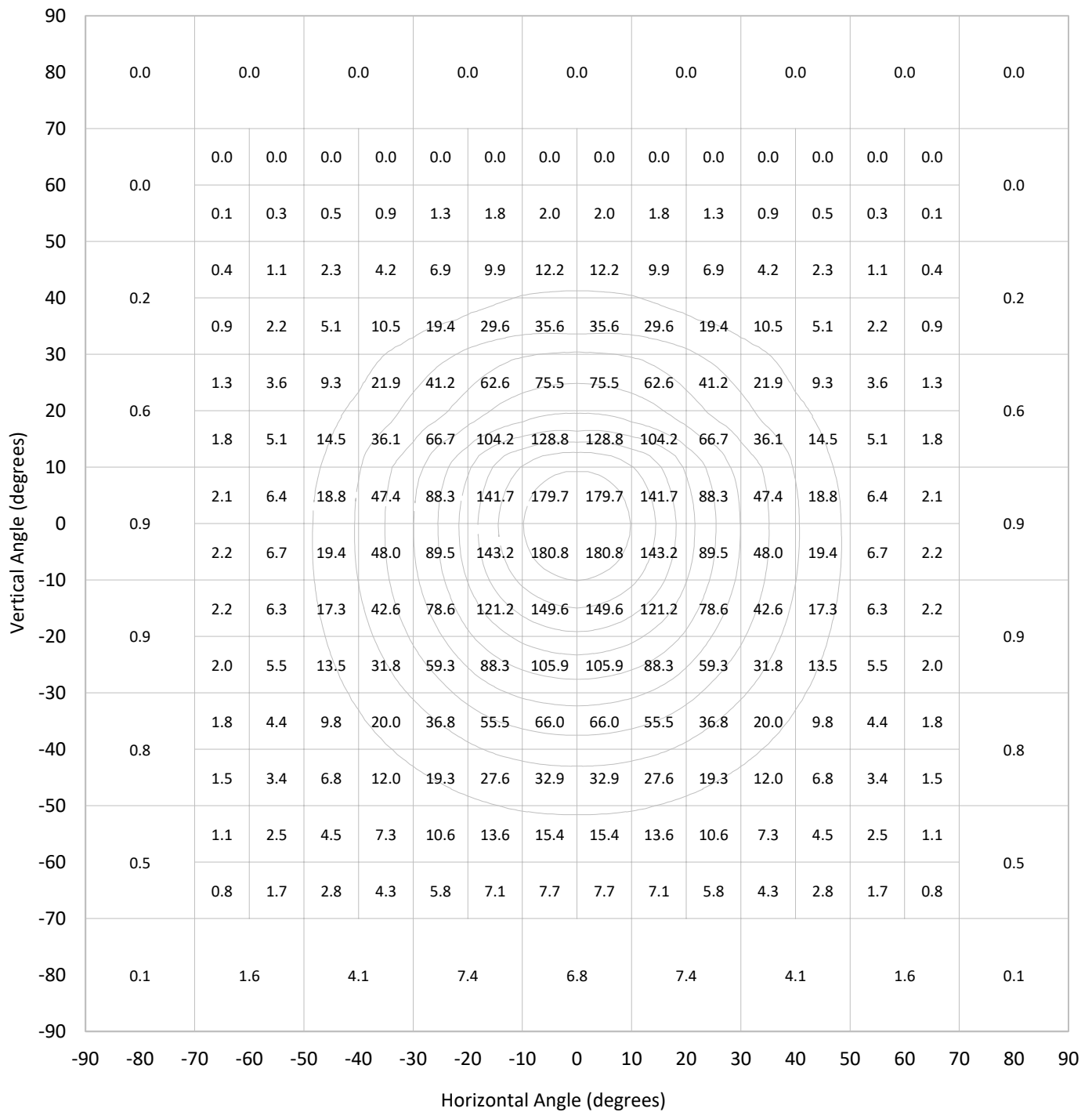
Iso-Candela Plot





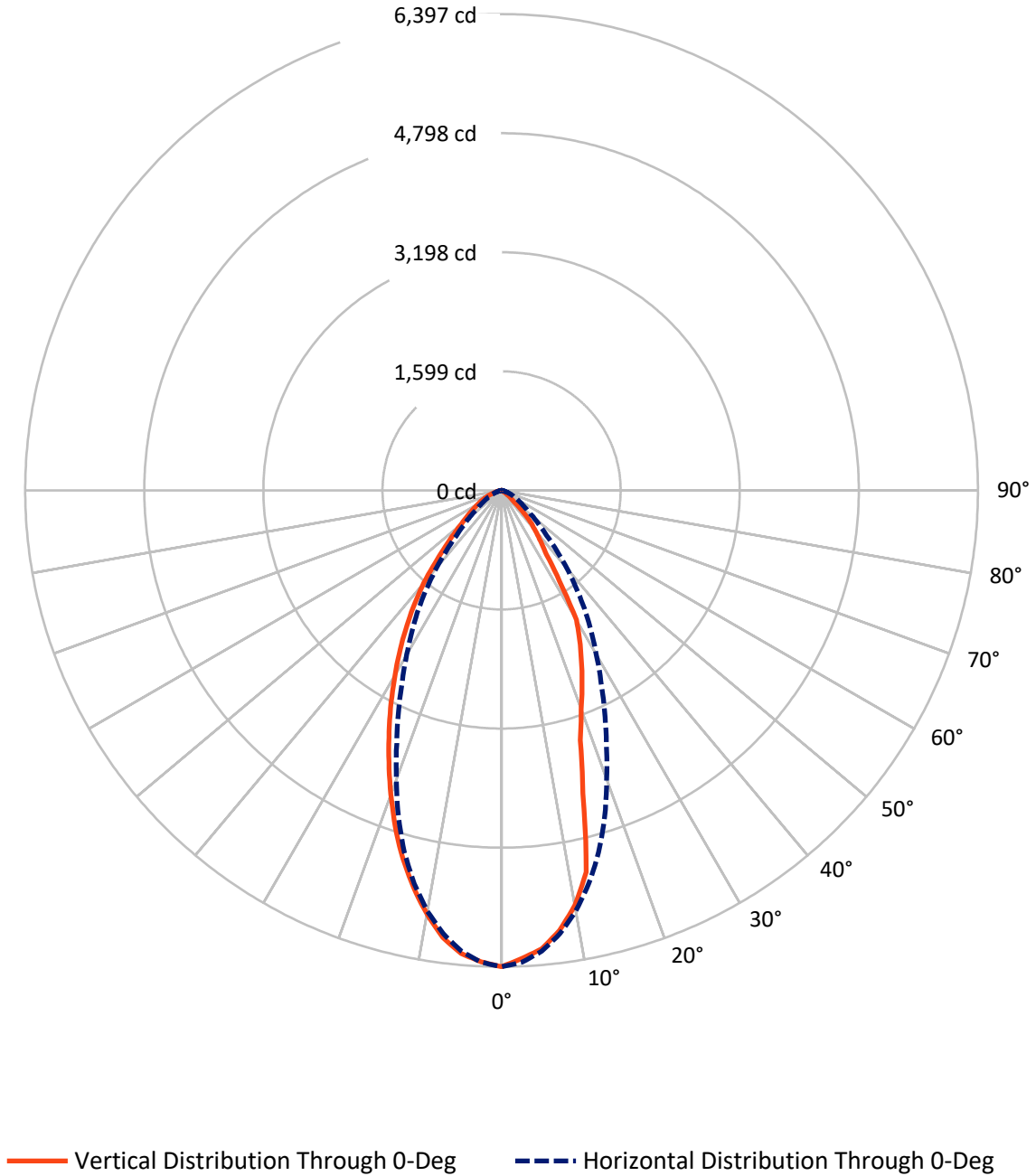
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Lumen Table



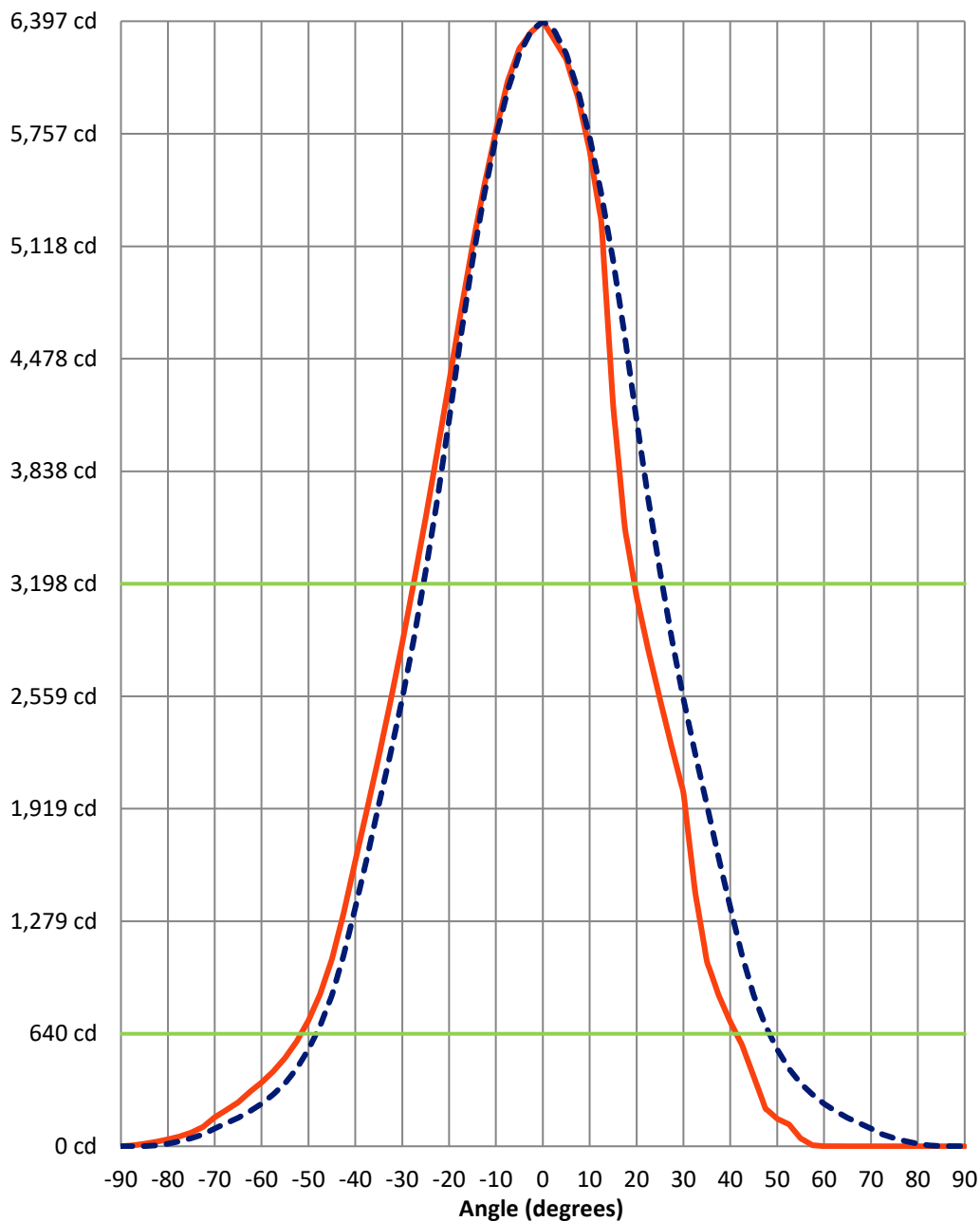
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 2717.1
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 5052.8
 Efficiency: 89.5%

Spill:
 Lumens: 590.7
 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	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
85°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4
82.5°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.5	0.5	0.5
80°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.5	0.5	0.5
77.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.5	0.5
75°	0.0	0.1	0.3	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5
72.5°	0.0	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5
70°	0.0	0.2	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
67.5°	0.0	0.2	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6
65°	0.0	0.2	0.4	0.5	0.5	0.5	0.6	0.5	0.7	0.8	0.9
62.5°	0.0	0.2	0.5	0.5	0.5	0.6	0.7	0.7	0.9	1.3	1.9
60°	0.0	0.2	0.5	0.5	0.5	0.8	0.7	0.9	1.1	3.1	3.3
57.5°	0.0	0.3	0.5	0.5	0.6	0.9	1.3	1.2	3.0	5.1	5.6
55°	0.0	0.3	0.5	0.5	0.8	1.0	1.9	1.8	5.5	7.7	8.7
52.5°	0.0	0.3	0.5	0.5	0.9	1.3	2.7	4.3	8.2	11.4	12.3
50°	0.0	0.3	0.5	0.5	1.0	2.1	3.5	7.1	11.4	15.6	18.8
47.5°	0.0	0.3	0.5	0.5	1.2	2.9	4.7	10.0	15.7	20.1	25.5
45°	0.0	0.4	0.5	0.6	1.3	3.8	7.1	12.8	20.0	26.0	32.1
42.5°	0.0	0.4	0.6	0.8	1.5	4.7	9.6	16.2	24.2	31.9	39.4
40°	0.0	0.4	0.6	0.9	2.0	5.7	12.0	19.9	28.6	37.6	47.1
37.5°	0.0	0.4	0.6	1.1	2.8	6.8	14.5	23.5	33.4	43.4	55.0
35°	0.0	0.4	0.6	1.3	3.5	8.4	16.9	27.1	38.2	50.5	63.5
32.5°	0.0	0.4	0.6	1.5	4.3	10.3	19.4	30.7	43.1	57.7	73.1
30°	0.0	0.4	0.6	1.8	5.1	12.2	22.3	34.2	47.9	65.1	82.7
27.5°	0.0	0.4	0.7	2.0	6.1	14.0	25.1	38.2	53.2	72.6	92.4
25°	0.0	0.5	0.7	2.3	7.0	15.7	27.7	42.0	59.3	80.5	102.1
22.5°	0.0	0.5	0.7	2.6	7.9	17.4	30.3	45.8	65.3	88.6	112.0
20°	0.0	0.5	0.7	2.9	8.8	19.1	32.7	49.4	71.3	96.5	121.3
17.5°	0.0	0.5	0.8	3.2	9.6	20.6	35.0	52.9	77.0	104.1	130.2
15°	0.0	0.5	0.8	3.4	10.4	22.1	37.1	55.9	82.6	111.5	138.6
12.5°	0.0	0.5	0.8	3.7	11.2	23.4	39.0	58.5	87.3	118.5	146.4
10°	0.0	0.5	0.8	4.0	11.9	24.6	40.7	60.8	91.0	122.7	152.6
7.5°	0.0	0.5	0.8	4.3	12.6	25.7	42.2	62.9	94.2	125.9	155.8
5°	0.0	0.5	0.9	4.5	13.2	26.7	43.6	64.6	97.0	128.4	158.4
2.5°	0.0	0.5	0.9	4.8	13.7	27.6	44.7	66.0	99.2	130.3	160.4
0°	0.0	0.5	0.9	5.0	14.2	28.3	45.7	67.2	101.0	131.6	161.8
-2.5°	0.0	0.5	1.0	5.3	14.8	29.2	46.9	69.1	103.0	133.5	163.9
-5°	0.0	0.6	1.2	5.6	15.4	29.9	48.0	70.7	104.4	134.9	165.5
-7.5°	0.0	0.6	1.3	5.9	15.9	30.6	48.8	72.0	105.3	135.7	166.4
-10°	0.0	0.6	1.4	6.1	16.3	31.0	49.3	72.9	105.7	136.0	166.6
-12.5°	0.0	0.6	1.6	6.3	16.6	31.3	49.7	73.4	105.6	135.8	165.8
-15°	0.0	0.6	1.7	6.5	16.8	31.5	49.8	73.5	104.8	134.6	164.2
-17.5°	0.0	0.7	1.8	6.6	16.9	31.4	49.6	73.4	103.4	133.0	162.0
-20°	0.0	0.7	1.9	6.7	16.8	31.3	49.5	73.0	101.8	131.0	159.2

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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	0.7	2.0	6.7	16.7	30.9	49.5	72.3	99.7	128.6	155.7
-25°	0.0	0.7	2.0	6.7	16.4	30.8	49.3	71.4	97.5	125.9	151.6
-27.5°	0.0	0.7	2.1	6.7	16.1	30.7	48.8	70.1	94.9	122.7	147.9
-30°	0.0	0.7	2.1	6.6	15.6	30.3	48.1	68.6	92.7	119.2	143.9
-32.5°	0.0	0.7	2.2	6.5	15.4	29.8	47.2	67.3	90.5	115.5	139.5
-35°	0.0	0.7	2.2	6.3	15.1	29.1	46.3	65.9	88.0	111.6	135.0
-37.5°	0.0	0.7	2.2	6.0	14.7	28.3	45.2	64.2	85.2	107.7	129.6
-40°	0.0	0.7	2.2	5.7	14.1	27.6	43.9	62.2	82.1	104.0	123.8
-42.5°	0.0	0.7	2.2	5.5	13.7	26.8	42.3	60.0	79.2	99.2	117.7
-45°	0.0	0.7	2.1	5.3	13.4	25.7	40.5	57.6	76.3	94.1	111.3
-47.5°	0.0	0.7	2.1	5.0	13.0	24.5	38.5	55.2	73.1	88.8	105.4
-50°	0.0	0.6	2.0	4.9	12.4	23.1	36.7	52.5	68.8	83.9	99.4
-52.5°	0.0	0.6	1.9	4.8	11.7	21.6	34.8	49.4	64.5	78.9	93.2
-55°	0.0	0.6	1.9	4.7	10.9	20.3	32.6	46.2	60.1	73.6	87.4
-57.5°	0.0	0.6	1.7	4.5	10.0	18.9	30.3	43.3	55.5	68.3	81.4
-60°	0.0	0.5	1.6	4.2	9.0	17.4	27.7	39.9	50.7	62.9	75.1
-62.5°	0.0	0.5	1.5	3.9	8.3	15.6	25.3	36.0	46.0	57.1	68.8
-65°	0.0	0.5	1.4	3.6	7.6	13.7	22.7	32.0	41.0	51.1	62.1
-67.5°	0.0	0.4	1.3	3.2	6.8	12.0	19.8	28.0	35.7	44.7	54.7
-70°	0.0	0.4	1.2	2.7	5.9	10.5	16.7	23.8	30.7	38.0	46.8
-72.5°	0.0	0.3	1.0	2.4	4.9	8.9	14.2	19.5	25.6	32.0	38.8
-75°	0.0	0.3	0.9	2.1	3.9	7.2	11.6	15.9	20.3	25.8	31.6
-77.5°	0.0	0.2	0.8	1.8	3.2	5.4	8.9	12.5	16.1	19.9	24.3
-80°	0.0	0.2	0.6	1.4	2.6	4.1	6.2	9.0	11.9	15.1	18.3
-82.5°	0.0	0.1	0.5	1.1	2.0	3.1	4.5	6.0	7.7	10.1	12.7
-85°	0.0	0.1	0.3	0.7	1.3	2.1	3.0	4.0	5.1	6.3	7.7
-87.5°	0.0	0.1	0.2	0.4	0.7	1.1	1.5	2.0	2.6	3.2	3.8
-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: P626742 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-735-U-WR-VSR-XX

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°	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
85°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
82.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
80°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
77.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
72.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
70°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4
67.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.3
65°	0.5	0.5	0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.5	0.5
62.5°	0.7	0.8	1.0	1.6	1.2	0.5	0.9	1.1	0.7	0.6	0.6
60°	2.0	1.4	3.5	4.9	3.2	1.7	2.1	4.2	3.4	0.9	2.4
57.5°	4.0	5.0	8.9	9.3	7.2	4.8	10.6	11.7	9.7	6.1	8.8
55°	8.4	11.8	15.0	14.8	14.8	18.7	22.0	21.5	19.0	26.2	32.9
52.5°	15.9	19.5	21.5	23.4	28.8	32.3	33.3	35.3	42.8	51.7	53.3
50°	23.4	27.0	29.7	36.7	42.1	44.9	47.5	54.3	65.6	71.7	72.7
47.5°	30.9	35.0	42.1	49.7	55.0	59.2	63.8	79.3	91.8	97.1	99.0
45°	38.8	45.8	54.7	62.6	68.7	74.4	89.1	110.3	119.1	127.1	147.4
42.5°	46.9	57.5	67.6	75.8	82.7	94.7	115.1	135.6	148.3	165.3	189.8
40°	57.3	69.2	80.9	89.2	97.8	116.0	141.3	163.0	176.4	199.2	227.1
37.5°	67.9	81.8	94.4	103.2	115.3	139.9	169.6	195.6	212.2	230.7	275.7
35°	78.3	94.6	107.6	119.3	134.3	168.1	204.8	233.8	254.3	286.1	342.9
32.5°	89.5	107.6	120.9	136.9	161.5	199.4	244.4	276.6	310.6	356.3	447.4
30°	101.3	119.9	135.1	154.4	187.3	231.5	283.8	324.2	370.4	444.6	542.8
27.5°	113.1	132.1	150.8	175.3	211.5	259.3	313.9	377.5	437.3	520.2	627.6
25°	124.5	144.5	166.3	195.8	235.0	285.0	344.6	418.0	495.9	590.9	716.9
22.5°	135.3	157.1	182.6	214.4	254.8	309.4	380.5	466.7	560.3	658.7	803.5
20°	146.0	171.2	200.4	236.0	273.0	331.9	415.6	519.9	637.4	772.1	913.9
17.5°	156.5	185.1	218.8	258.4	303.3	363.5	451.6	575.8	718.7	894.0	1068.7
15°	166.8	198.7	236.6	280.5	333.7	405.8	505.8	642.3	815.0	1024.9	1231.9
12.5°	176.8	211.9	253.7	302.1	363.3	445.5	556.8	704.2	902.0	1152.8	1407.1
10°	186.3	224.6	269.9	323.0	391.6	482.5	602.0	757.7	967.6	1226.1	1508.9
7.5°	191.2	233.2	283.8	342.8	418.3	516.5	641.2	802.9	1018.9	1285.1	1568.6
5°	194.7	237.2	289.0	350.7	433.0	539.6	671.3	839.8	1056.7	1329.5	1609.1
2.5°	197.3	240.0	292.8	355.2	438.8	547.3	681.2	852.7	1077.0	1352.7	1632.7
0°	199.2	241.7	295.2	357.8	441.8	551.0	685.8	858.1	1085.6	1358.0	1641.3
-2.5°	201.2	244.1	297.6	361.8	446.0	556.1	690.8	861.9	1092.1	1359.4	1645.9
-5°	202.3	245.4	298.6	363.7	447.4	557.1	690.5	858.3	1087.0	1348.8	1635.8
-7.5°	202.6	245.5	298.0	363.3	445.7	552.8	683.2	847.6	1069.3	1327.2	1611.1
-10°	202.2	244.4	296.1	360.0	440.7	543.8	670.2	829.0	1040.1	1291.6	1569.4
-12.5°	200.7	242.2	292.6	354.6	432.6	531.0	651.8	802.5	999.7	1242.0	1510.6
-15°	198.3	238.7	287.5	347.1	421.4	514.6	628.2	768.2	947.6	1179.0	1437.3
-17.5°	195.0	234.2	280.8	337.6	407.2	494.6	599.6	727.9	891.4	1108.7	1355.8
-20°	190.9	228.6	272.6	326.1	390.7	473.6	573.1	692.4	838.8	1028.2	1259.7

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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	185.8	221.9	263.9	315.1	376.2	451.8	543.4	652.0	779.9	935.1	1154.8
-25°	180.6	215.5	255.4	302.8	359.5	427.1	509.5	608.5	724.2	866.3	1047.9
-27.5°	175.5	208.1	245.6	288.6	340.9	401.6	477.6	567.8	671.0	791.8	939.7
-30°	169.7	199.8	234.8	273.7	323.0	379.4	445.1	522.4	614.2	723.3	851.9
-32.5°	163.4	191.0	224.3	260.9	303.9	355.2	412.0	481.9	561.8	651.8	762.9
-35°	157.1	183.4	213.6	247.0	283.3	331.4	383.6	441.6	509.5	589.2	678.1
-37.5°	151.0	175.2	202.1	233.3	267.3	307.2	353.4	405.7	464.1	527.6	604.4
-40°	144.3	166.3	191.7	220.0	250.1	284.7	326.3	370.7	421.0	476.9	536.2
-42.5°	136.9	158.1	181.3	205.7	233.3	264.2	298.7	339.4	381.2	427.9	479.7
-45°	129.8	149.2	170.4	192.7	216.0	243.2	274.6	308.4	345.5	383.6	427.1
-47.5°	122.2	139.9	159.7	179.1	199.7	223.0	249.6	280.3	311.2	345.2	378.9
-50°	114.7	131.3	147.9	166.0	184.5	203.8	226.3	252.8	280.9	309.1	338.8
-52.5°	107.9	122.3	137.3	152.8	169.6	186.9	205.6	227.4	252.0	276.9	302.4
-55°	101.0	114.2	126.6	140.6	155.1	170.6	187.3	205.7	224.2	246.9	268.9
-57.5°	94.2	106.0	116.8	128.6	141.6	154.8	169.8	185.4	202.2	219.3	237.4
-60°	87.4	97.4	107.2	117.5	128.3	140.1	152.2	165.9	180.3	195.2	210.8
-62.5°	80.4	88.5	97.2	106.5	116.1	125.1	135.3	146.5	158.4	171.2	184.4
-65°	72.6	79.3	86.5	94.7	103.6	110.9	118.7	127.2	137.0	147.5	157.9
-67.5°	64.3	70.2	76.1	82.1	89.4	95.9	102.3	109.0	116.4	125.0	133.3
-70°	54.9	60.9	66.0	71.1	75.7	80.3	85.7	91.0	96.9	104.7	112.2
-72.5°	45.4	51.0	55.9	60.2	63.4	66.2	69.5	73.3	79.0	86.2	92.9
-75°	36.7	41.2	45.8	49.9	52.0	52.9	53.5	55.6	61.3	68.6	75.1
-77.5°	28.6	32.5	36.3	39.8	41.3	41.9	42.2	42.2	46.4	52.7	59.2
-80°	21.0	23.8	26.9	30.0	30.9	31.2	31.3	31.1	34.5	39.0	43.8
-82.5°	14.6	16.6	18.6	20.7	21.0	20.8	20.5	20.3	23.1	26.3	29.6
-85°	8.5	9.3	10.6	11.9	12.0	11.9	11.7	11.4	12.9	14.7	16.6
-87.5°	4.3	4.7	5.1	5.5	5.4	5.1	4.9	4.5	5.0	5.4	5.9
-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: P626742 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-735-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°	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.5	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.5	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.5	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.5	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.5	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.5	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.2	0.3	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.5	0.5	0.4	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0
62.5°	0.6	0.6	0.4	0.4	0.5	0.5	0.4	0.4	0.3	0.4	0.4
60°	2.6	1.5	1.5	1.9	1.7	0.8	1.5	1.9	1.8	1.3	1.2
57.5°	13.1	11.0	7.7	12.9	13.3	9.2	10.0	13.1	12.7	9.8	9.8
55°	33.0	33.5	36.0	39.3	41.7	42.8	43.7	48.7	53.9	59.1	61.6
52.5°	54.6	61.0	68.9	74.2	77.8	85.4	95.9	100.7	105.4	110.8	114.6
50°	80.4	91.5	99.5	100.6	113.1	121.3	123.2	132.3	142.1	148.3	152.7
47.5°	119.6	133.6	140.6	145.0	160.3	177.0	177.0	182.2	207.0	219.9	226.1
45°	172.2	183.9	196.3	228.2	257.5	266.8	286.7	313.7	331.3	355.5	382.0
42.5°	217.1	239.1	269.9	305.0	334.4	358.9	388.5	421.0	460.0	496.6	528.3
40°	261.5	288.7	326.8	365.0	402.1	436.0	483.8	525.5	571.5	621.9	663.9
37.5°	319.4	354.2	393.6	441.8	499.5	537.2	602.8	662.8	714.6	775.5	813.0
35°	408.3	453.7	488.5	586.0	656.2	700.2	778.0	876.5	914.4	991.1	1027.5
32.5°	520.2	580.4	672.2	801.3	895.0	976.1	1092.3	1192.3	1277.5	1354.6	1434.7
30°	645.8	738.8	874.2	1045.7	1140.8	1254.4	1411.6	1530.1	1663.8	1810.5	1861.9
27.5°	759.8	899.2	1056.3	1195.2	1331.9	1473.4	1627.7	1780.1	1924.8	2046.9	2128.8
25°	865.5	1034.3	1187.0	1335.4	1483.5	1642.9	1817.5	1990.2	2149.5	2275.2	2370.7
22.5°	974.5	1152.8	1316.1	1466.8	1639.0	1819.6	2005.3	2203.5	2384.7	2515.1	2619.1
20°	1077.0	1275.3	1461.6	1633.1	1795.9	2004.4	2218.3	2428.5	2625.8	2781.1	2901.1
17.5°	1239.6	1411.8	1639.5	1862.3	2045.8	2237.3	2523.0	2739.9	2958.9	3144.9	3272.1
15°	1439.4	1628.8	1863.9	2169.9	2421.2	2640.6	2935.7	3288.7	3547.0	3784.4	3947.3
12.5°	1639.4	1853.5	2107.8	2452.2	2810.0	3068.4	3426.5	3873.8	4174.6	4542.2	4723.4
10°	1792.6	2061.6	2323.4	2637.7	2981.3	3349.3	3735.4	4153.8	4555.8	4871.4	5153.6
7.5°	1854.3	2140.8	2443.9	2764.5	3108.1	3488.0	3899.5	4334.8	4748.5	5101.1	5411.1
5°	1900.5	2194.0	2499.1	2826.9	3194.2	3590.9	4008.5	4465.6	4888.1	5265.9	5583.1
2.5°	1929.8	2226.0	2529.8	2863.2	3249.5	3657.9	4088.9	4558.2	4987.0	5376.0	5692.1
0°	1941.0	2233.0	2544.1	2887.3	3269.7	3679.1	4128.7	4603.5	5035.7	5411.8	5737.1
-2.5°	1942.5	2226.5	2545.1	2886.5	3252.4	3665.7	4120.7	4591.6	5015.0	5389.5	5717.8
-5°	1927.3	2211.2	2530.0	2866.3	3232.7	3642.8	4078.3	4533.3	4937.2	5301.7	5617.7
-7.5°	1896.4	2179.5	2491.2	2819.8	3176.4	3574.2	3992.5	4415.4	4811.6	5161.2	5462.8
-10°	1850.5	2127.7	2428.6	2748.8	3086.2	3464.6	3863.4	4267.5	4639.1	4962.4	5241.3
-12.5°	1788.4	2059.1	2346.6	2652.2	2966.2	3327.0	3703.6	4083.1	4421.8	4716.9	4967.1
-15°	1707.8	1972.2	2250.5	2539.5	2844.1	3170.3	3508.3	3856.4	4168.7	4430.4	4659.0
-17.5°	1612.7	1869.2	2133.5	2401.4	2690.4	2996.5	3310.3	3622.7	3889.1	4121.6	4330.6
-20°	1506.8	1753.9	2004.9	2254.7	2516.9	2800.0	3089.8	3364.2	3597.0	3808.3	3999.5



REPORT NUMBER: P626742 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-735-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°	1388.0	1624.5	1865.2	2098.9	2335.4	2591.7	2850.5	3098.7	3316.4	3497.1	3663.4
-25°	1260.8	1479.4	1706.6	1925.8	2143.4	2373.1	2608.2	2836.6	3028.2	3185.1	3322.4
-27.5°	1132.7	1332.4	1532.6	1739.0	1940.1	2152.1	2364.9	2562.1	2734.2	2878.6	2994.1
-30°	998.1	1176.6	1359.4	1546.1	1738.2	1932.2	2124.4	2297.1	2447.3	2574.4	2674.2
-32.5°	886.2	1021.8	1183.2	1352.7	1532.7	1709.5	1876.7	2034.1	2175.7	2286.6	2371.2
-35°	778.9	893.7	1014.6	1164.6	1319.3	1482.0	1635.8	1776.3	1902.4	1999.4	2079.0
-37.5°	686.7	777.5	879.7	986.8	1116.5	1251.0	1389.8	1522.0	1634.5	1719.0	1790.1
-40°	606.9	678.6	760.3	845.2	940.5	1037.1	1158.1	1269.6	1361.4	1440.5	1504.9
-42.5°	534.7	595.2	655.5	725.2	797.1	874.8	959.7	1042.1	1112.6	1178.8	1233.4
-45°	472.4	520.8	568.8	622.6	675.5	738.6	799.2	853.3	910.4	959.9	998.9
-47.5°	418.0	455.6	496.9	537.1	579.5	627.1	672.2	713.4	755.2	791.4	820.5
-50°	369.5	400.8	434.4	466.1	500.4	535.2	568.6	601.3	633.0	660.6	682.0
-52.5°	327.1	354.4	380.7	405.8	433.2	458.9	483.1	510.1	534.9	556.7	571.3
-55°	291.1	313.4	334.9	355.9	376.5	396.0	415.3	436.3	455.5	472.7	483.7
-57.5°	257.2	276.2	294.4	311.5	327.9	343.4	359.6	375.8	390.5	403.6	412.0
-60°	226.4	241.9	257.6	271.6	284.9	297.3	310.9	323.8	335.7	345.8	351.6
-62.5°	198.1	212.0	223.7	234.8	246.0	257.2	266.9	276.4	285.6	293.3	298.4
-65°	168.6	180.4	190.3	199.2	207.3	215.9	224.2	231.7	238.3	243.3	246.6
-67.5°	142.2	150.9	158.8	165.9	173.1	180.0	186.4	192.1	197.1	200.6	202.9
-70°	119.3	125.9	132.4	138.8	145.2	150.6	155.3	159.5	163.3	164.9	165.6
-72.5°	99.1	105.0	110.7	116.3	121.7	125.9	129.3	132.4	135.2	132.8	128.6
-75°	80.8	86.0	91.3	96.3	101.0	104.2	106.8	109.1	111.2	106.0	98.8
-77.5°	65.8	70.4	74.3	78.2	82.1	84.2	85.8	87.3	88.9	83.0	75.7
-80°	48.9	52.5	55.8	59.1	62.4	63.6	64.3	64.8	65.1	60.1	54.3
-82.5°	33.0	34.9	36.7	38.7	40.6	41.6	42.4	43.0	43.5	39.9	35.9
-85°	18.5	19.1	19.5	19.9	20.2	20.9	21.5	22.1	22.6	20.9	19.1
-87.5°	6.4	6.4	6.4	6.3	6.3	6.3	6.2	6.2	6.2	5.9	5.6
-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: P626742 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-735-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	0.0	0.1
62.5°	0.4	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.3	0.4
60°	0.9	0.6	0.5	0.5	0.5	0.6	0.9	1.2	1.3	1.8	1.9
57.5°	9.1	8.0	7.1	6.4	7.1	8.0	9.1	9.8	9.8	12.7	13.1
55°	60.5	56.3	51.2	45.2	51.2	56.3	60.5	61.6	59.1	53.9	48.7
52.5°	118.7	122.6	124.9	124.7	124.9	122.6	118.7	114.6	110.8	105.4	100.7
50°	156.3	158.4	158.5	156.7	158.5	158.4	156.3	152.7	148.3	142.1	132.3
47.5°	229.0	226.0	220.8	215.2	220.8	226.0	229.0	226.1	219.9	207.0	182.2
45°	399.5	409.1	408.5	396.2	408.5	409.1	399.5	382.0	355.5	331.3	313.7
42.5°	545.9	560.3	570.5	575.7	570.5	560.3	545.9	528.3	496.6	460.0	421.0
40°	687.6	701.5	707.6	707.3	707.6	701.5	687.6	663.9	621.9	571.5	525.5
37.5°	837.3	855.3	864.1	859.9	864.1	855.3	837.3	813.0	775.5	714.6	662.8
35°	1043.2	1060.1	1060.4	1051.8	1060.4	1060.1	1043.2	1027.5	991.1	914.4	876.5
32.5°	1498.3	1504.0	1460.6	1445.2	1460.6	1504.0	1498.3	1434.7	1354.6	1277.5	1192.3
30°	1913.1	1953.1	1990.4	2009.1	1990.4	1953.1	1913.1	1861.9	1810.5	1663.8	1530.1
27.5°	2190.6	2238.7	2268.6	2270.4	2268.6	2238.7	2190.6	2128.8	2046.9	1924.8	1780.1
25°	2443.0	2496.8	2529.3	2540.5	2529.3	2496.8	2443.0	2370.7	2275.2	2149.5	1990.2
22.5°	2707.5	2770.9	2812.9	2821.5	2812.9	2770.9	2707.5	2619.1	2515.1	2384.7	2203.5
20°	3014.3	3088.1	3128.4	3126.7	3128.4	3088.1	3014.3	2901.1	2781.1	2625.8	2428.5
17.5°	3418.2	3497.4	3532.1	3516.9	3532.1	3497.4	3418.2	3272.1	3144.9	2958.9	2739.9
15°	4114.4	4280.0	4279.4	4213.3	4279.4	4280.0	4114.4	3947.3	3784.4	3547.0	3288.7
12.5°	4973.2	5096.6	5223.3	5250.5	5223.3	5096.6	4973.2	4723.4	4542.2	4174.6	3873.8
10°	5391.2	5555.0	5663.2	5660.3	5663.2	5555.0	5391.2	5153.6	4871.4	4555.8	4153.8
7.5°	5652.6	5833.7	5964.7	5961.9	5964.7	5833.7	5652.6	5411.1	5101.1	4748.5	4334.8
5°	5854.4	6055.2	6171.3	6179.9	6171.3	6055.2	5854.4	5583.1	5265.9	4888.1	4465.6
2.5°	5959.2	6168.8	6308.3	6290.0	6308.3	6168.8	5959.2	5692.1	5376.0	4987.0	4558.2
0°	6003.0	6210.5	6340.7	6396.9	6340.7	6210.5	6003.0	5737.1	5411.8	5035.7	4603.5
-2.5°	5983.9	6185.7	6329.6	6335.2	6329.6	6185.7	5983.9	5717.8	5389.5	5015.0	4591.6
-5°	5881.3	6094.3	6190.8	6242.0	6190.8	6094.3	5881.3	5617.7	5301.7	4937.2	4533.3
-7.5°	5716.0	5875.6	5998.1	6054.7	5998.1	5875.6	5716.0	5462.8	5161.2	4811.6	4415.4
-10°	5458.7	5623.9	5727.5	5774.1	5727.5	5623.9	5458.7	5241.3	4962.4	4639.1	4267.5
-12.5°	5173.6	5323.8	5422.2	5461.6	5422.2	5323.8	5173.6	4967.1	4716.9	4421.8	4083.1
-15°	4855.5	4991.9	5082.5	5120.3	5082.5	4991.9	4855.5	4659.0	4430.4	4168.7	3856.4
-17.5°	4505.4	4624.9	4715.2	4742.4	4715.2	4624.9	4505.4	4330.6	4121.6	3889.1	3622.7
-20°	4145.4	4253.4	4327.8	4343.9	4327.8	4253.4	4145.4	3999.5	3808.3	3597.0	3364.2



REPORT NUMBER: P626742 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-735-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°	3782.7	3871.6	3932.0	3952.4	3932.0	3871.6	3782.7	3663.4	3497.1	3316.4	3098.7
-25°	3428.2	3505.0	3553.5	3571.8	3553.5	3505.0	3428.2	3322.4	3185.1	3028.2	2836.6
-27.5°	3087.2	3158.8	3203.5	3209.4	3203.5	3158.8	3087.2	2994.1	2878.6	2734.2	2562.1
-30°	2751.7	2810.9	2845.3	2859.9	2845.3	2810.9	2751.7	2674.2	2574.4	2447.3	2297.1
-32.5°	2438.2	2489.8	2520.8	2529.1	2520.8	2489.8	2438.2	2371.2	2286.6	2175.7	2034.1
-35°	2142.2	2190.0	2217.4	2215.2	2217.4	2190.0	2142.2	2079.0	1999.4	1902.4	1776.3
-37.5°	1848.9	1892.9	1917.8	1915.4	1917.8	1892.9	1848.9	1790.1	1719.0	1634.5	1522.0
-40°	1557.8	1595.8	1617.7	1623.0	1617.7	1595.8	1557.8	1504.9	1440.5	1361.4	1269.6
-42.5°	1278.9	1314.0	1331.5	1324.6	1331.5	1314.0	1278.9	1233.4	1178.8	1112.6	1042.1
-45°	1026.2	1044.3	1056.3	1063.7	1056.3	1044.3	1026.2	998.9	959.9	910.4	853.3
-47.5°	841.8	856.8	864.9	866.3	864.9	856.8	841.8	820.5	791.4	755.2	713.4
-50°	698.7	711.5	717.2	715.5	717.2	711.5	698.7	682.0	660.6	633.0	601.3
-52.5°	581.9	589.3	594.3	596.7	594.3	589.3	581.9	571.3	556.7	534.9	510.1
-55°	491.9	497.7	501.1	502.2	501.1	497.7	491.9	483.7	472.7	455.5	436.3
-57.5°	419.1	424.6	426.6	425.9	426.6	424.6	419.1	412.0	403.6	390.5	375.8
-60°	356.1	359.3	361.6	362.8	361.6	359.3	356.1	351.6	345.8	335.7	323.8
-62.5°	302.5	305.5	307.9	309.3	307.9	305.5	302.5	298.4	293.3	285.6	276.4
-65°	248.8	250.2	250.5	249.9	250.5	250.2	248.8	246.6	243.3	238.3	231.7
-67.5°	204.6	205.7	206.4	206.5	206.4	205.7	204.6	202.9	200.6	197.1	192.1
-70°	166.3	166.7	166.2	164.9	166.2	166.7	166.3	165.6	164.9	163.3	159.5
-72.5°	124.3	119.7	115.2	110.1	115.2	119.7	124.3	128.6	132.8	135.2	132.4
-75°	91.3	83.6	80.8	78.1	80.8	83.6	91.3	98.8	106.0	111.2	109.1
-77.5°	68.0	60.0	57.8	55.7	57.8	60.0	68.0	75.7	83.0	88.9	87.3
-80°	48.2	42.0	40.6	39.3	40.6	42.0	48.2	54.3	60.1	65.1	64.8
-82.5°	31.7	27.3	26.5	25.6	26.5	27.3	31.7	35.9	39.9	43.5	43.0
-85°	17.1	15.0	14.6	14.2	14.6	15.0	17.1	19.1	20.9	22.6	22.1
-87.5°	5.3	5.0	5.0	5.0	5.0	5.0	5.3	5.6	5.9	6.2	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



REPORT NUMBER: P626742 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-735-U-WR-VSR-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°	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4
85°	0.0	0.0	0.0	0.1	0.3	0.4	0.5	0.5	0.5	0.5	0.5
82.5°	0.0	0.0	0.0	0.1	0.3	0.4	0.5	0.5	0.5	0.5	0.5
80°	0.0	0.0	0.0	0.1	0.3	0.4	0.5	0.5	0.5	0.5	0.5
77.5°	0.0	0.0	0.0	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.5
75°	0.0	0.0	0.0	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.5
72.5°	0.0	0.0	0.0	0.1	0.3	0.4	0.5	0.5	0.5	0.5	0.5
70°	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.5	0.5	0.5
67.5°	0.0	0.0	0.1	0.2	0.3	0.3	0.2	0.3	0.4	0.5	0.5
65°	0.1	0.1	0.1	0.2	0.4	0.5	0.5	0.5	0.5	0.5	0.5
62.5°	0.4	0.5	0.5	0.4	0.4	0.6	0.6	0.6	0.6	0.7	1.1
60°	1.5	0.8	1.7	1.9	1.5	1.5	2.6	2.4	0.9	3.4	4.2
57.5°	10.0	9.2	13.3	12.9	7.7	11.0	13.1	8.8	6.1	9.7	11.7
55°	43.7	42.8	41.7	39.3	36.0	33.5	33.0	32.9	26.2	19.0	21.5
52.5°	95.9	85.4	77.8	74.2	68.9	61.0	54.6	53.3	51.7	42.8	35.3
50°	123.2	121.3	113.1	100.6	99.5	91.5	80.4	72.7	71.7	65.6	54.3
47.5°	177.0	177.0	160.3	145.0	140.6	133.6	119.6	99.0	97.1	91.8	79.3
45°	286.7	266.8	257.5	228.2	196.3	183.9	172.2	147.4	127.1	119.1	110.3
42.5°	388.5	358.9	334.4	305.0	269.9	239.1	217.1	189.8	165.3	148.3	135.6
40°	483.8	436.0	402.1	365.0	326.8	288.7	261.5	227.1	199.2	176.4	163.0
37.5°	602.8	537.2	499.5	441.8	393.6	354.2	319.4	275.7	230.7	212.2	195.6
35°	778.0	700.2	656.2	586.0	488.5	453.7	408.3	342.9	286.1	254.3	233.8
32.5°	1092.3	976.1	895.0	801.3	672.2	580.4	520.2	447.4	356.3	310.6	276.6
30°	1411.6	1254.4	1140.8	1045.7	874.2	738.8	645.8	542.8	444.6	370.4	324.2
27.5°	1627.7	1473.4	1331.9	1195.2	1056.3	899.2	759.8	627.6	520.2	437.3	377.5
25°	1817.5	1642.9	1483.5	1335.4	1187.0	1034.3	865.5	716.9	590.9	495.9	418.0
22.5°	2005.3	1819.6	1639.0	1466.8	1316.1	1152.8	974.5	803.5	658.7	560.3	466.7
20°	2218.3	2004.4	1795.9	1633.1	1461.6	1275.3	1077.0	913.9	772.1	637.4	519.9
17.5°	2523.0	2237.3	2045.8	1862.3	1639.5	1411.8	1239.6	1068.7	894.0	718.7	575.8
15°	2935.7	2640.6	2421.2	2169.9	1863.9	1628.8	1439.4	1231.9	1024.9	815.0	642.3
12.5°	3426.5	3068.4	2810.0	2452.2	2107.8	1853.5	1639.4	1407.1	1152.8	902.0	704.2
10°	3735.4	3349.3	2981.3	2637.7	2323.4	2061.6	1792.6	1508.9	1226.1	967.6	757.7
7.5°	3899.5	3488.0	3108.1	2764.5	2443.9	2140.8	1854.3	1568.6	1285.1	1018.9	802.9
5°	4008.5	3590.9	3194.2	2826.9	2499.1	2194.0	1900.5	1609.1	1329.5	1056.7	839.8
2.5°	4088.9	3657.9	3249.5	2863.2	2529.8	2226.0	1929.8	1632.7	1352.7	1077.0	852.7
0°	4128.7	3679.1	3269.7	2887.3	2544.1	2233.0	1941.0	1641.3	1358.0	1085.6	858.1
-2.5°	4120.7	3665.7	3252.4	2886.5	2545.1	2226.5	1942.5	1645.9	1359.4	1092.1	861.9
-5°	4078.3	3642.8	3232.7	2866.3	2530.0	2211.2	1927.3	1635.8	1348.8	1087.0	858.3
-7.5°	3992.5	3574.2	3176.4	2819.8	2491.2	2179.5	1896.4	1611.1	1327.2	1069.3	847.6
-10°	3863.4	3464.6	3086.2	2748.8	2428.6	2127.7	1850.5	1569.4	1291.6	1040.1	829.0
-12.5°	3703.6	3327.0	2966.2	2652.2	2346.6	2059.1	1788.4	1510.6	1242.0	999.7	802.5
-15°	3508.3	3170.3	2844.1	2539.5	2250.5	1972.2	1707.8	1437.3	1179.0	947.6	768.2
-17.5°	3310.3	2996.5	2690.4	2401.4	2133.5	1869.2	1612.7	1355.8	1108.7	891.4	727.9
-20°	3089.8	2800.0	2516.9	2254.7	2004.9	1753.9	1506.8	1259.7	1028.2	838.8	692.4



REPORT NUMBER: P626742 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-735-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°	2850.5	2591.7	2335.4	2098.9	1865.2	1624.5	1388.0	1154.8	935.1	779.9	652.0
-25°	2608.2	2373.1	2143.4	1925.8	1706.6	1479.4	1260.8	1047.9	866.3	724.2	608.5
-27.5°	2364.9	2152.1	1940.1	1739.0	1532.6	1332.4	1132.7	939.7	791.8	671.0	567.8
-30°	2124.4	1932.2	1738.2	1546.1	1359.4	1176.6	998.1	851.9	723.3	614.2	522.4
-32.5°	1876.7	1709.5	1532.7	1352.7	1183.2	1021.8	886.2	762.9	651.8	561.8	481.9
-35°	1635.8	1482.0	1319.3	1164.6	1014.6	893.7	778.9	678.1	589.2	509.5	441.6
-37.5°	1389.8	1251.0	1116.5	986.8	879.7	777.5	686.7	604.4	527.6	464.1	405.7
-40°	1158.1	1037.1	940.5	845.2	760.3	678.6	606.9	536.2	476.9	421.0	370.7
-42.5°	959.7	874.8	797.1	725.2	655.5	595.2	534.7	479.7	427.9	381.2	339.4
-45°	799.2	738.6	675.5	622.6	568.8	520.8	472.4	427.1	383.6	345.5	308.4
-47.5°	672.2	627.1	579.5	537.1	496.9	455.6	418.0	378.9	345.2	311.2	280.3
-50°	568.6	535.2	500.4	466.1	434.4	400.8	369.5	338.8	309.1	280.9	252.8
-52.5°	483.1	458.9	433.2	405.8	380.7	354.4	327.1	302.4	276.9	252.0	227.4
-55°	415.3	396.0	376.5	355.9	334.9	313.4	291.1	268.9	246.9	224.2	205.7
-57.5°	359.6	343.4	327.9	311.5	294.4	276.2	257.2	237.4	219.3	202.2	185.4
-60°	310.9	297.3	284.9	271.6	257.6	241.9	226.4	210.8	195.2	180.3	165.9
-62.5°	266.9	257.2	246.0	234.8	223.7	212.0	198.1	184.4	171.2	158.4	146.5
-65°	224.2	215.9	207.3	199.2	190.3	180.4	168.6	157.9	147.5	137.0	127.2
-67.5°	186.4	180.0	173.1	165.9	158.8	150.9	142.2	133.3	125.0	116.4	109.0
-70°	155.3	150.6	145.2	138.8	132.4	125.9	119.3	112.2	104.7	96.9	91.0
-72.5°	129.3	125.9	121.7	116.3	110.7	105.0	99.1	92.9	86.2	79.0	73.3
-75°	106.8	104.2	101.0	96.3	91.3	86.0	80.8	75.1	68.6	61.3	55.6
-77.5°	85.8	84.2	82.1	78.2	74.3	70.4	65.8	59.2	52.7	46.4	42.2
-80°	64.3	63.6	62.4	59.1	55.8	52.5	48.9	43.8	39.0	34.5	31.1
-82.5°	42.4	41.6	40.6	38.7	36.7	34.9	33.0	29.6	26.3	23.1	20.3
-85°	21.5	20.9	20.2	19.9	19.5	19.1	18.5	16.6	14.7	12.9	11.4
-87.5°	6.2	6.3	6.3	6.3	6.4	6.4	6.4	5.9	5.4	5.0	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: P626742 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-735-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°	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2
85°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.3
82.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4
80°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
77.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
72.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
70°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
67.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.5	0.5
65°	0.5	0.5	0.5	0.7	0.7	0.5	0.5	0.9	0.8	0.7	0.5
62.5°	0.9	0.5	1.2	1.6	1.0	0.8	0.7	1.9	1.3	0.9	0.7
60°	2.1	1.7	3.2	4.9	3.5	1.4	2.0	3.3	3.1	1.1	0.9
57.5°	10.6	4.8	7.2	9.3	8.9	5.0	4.0	5.6	5.1	3.0	1.2
55°	22.0	18.7	14.8	14.8	15.0	11.8	8.4	8.7	7.7	5.5	1.8
52.5°	33.3	32.3	28.8	23.4	21.5	19.5	15.9	12.3	11.4	8.2	4.3
50°	47.5	44.9	42.1	36.7	29.7	27.0	23.4	18.8	15.6	11.4	7.1
47.5°	63.8	59.2	55.0	49.7	42.1	35.0	30.9	25.5	20.1	15.7	10.0
45°	89.1	74.4	68.7	62.6	54.7	45.8	38.8	32.1	26.0	20.0	12.8
42.5°	115.1	94.7	82.7	75.8	67.6	57.5	46.9	39.4	31.9	24.2	16.2
40°	141.3	116.0	97.8	89.2	80.9	69.2	57.3	47.1	37.6	28.6	19.9
37.5°	169.6	139.9	115.3	103.2	94.4	81.8	67.9	55.0	43.4	33.4	23.5
35°	204.8	168.1	134.3	119.3	107.6	94.6	78.3	63.5	50.5	38.2	27.1
32.5°	244.4	199.4	161.5	136.9	120.9	107.6	89.5	73.1	57.7	43.1	30.7
30°	283.8	231.5	187.3	154.4	135.1	119.9	101.3	82.7	65.1	47.9	34.2
27.5°	313.9	259.3	211.5	175.3	150.8	132.1	113.1	92.4	72.6	53.2	38.2
25°	344.6	285.0	235.0	195.8	166.3	144.5	124.5	102.1	80.5	59.3	42.0
22.5°	380.5	309.4	254.8	214.4	182.6	157.1	135.3	112.0	88.6	65.3	45.8
20°	415.6	331.9	273.0	236.0	200.4	171.2	146.0	121.3	96.5	71.3	49.4
17.5°	451.6	363.5	303.3	258.4	218.8	185.1	156.5	130.2	104.1	77.0	52.9
15°	505.8	405.8	333.7	280.5	236.6	198.7	166.8	138.6	111.5	82.6	55.9
12.5°	556.8	445.5	363.3	302.1	253.7	211.9	176.8	146.4	118.5	87.3	58.5
10°	602.0	482.5	391.6	323.0	269.9	224.6	186.3	152.6	122.7	91.0	60.8
7.5°	641.2	516.5	418.3	342.8	283.8	233.2	191.2	155.8	125.9	94.2	62.9
5°	671.3	539.6	433.0	350.7	289.0	237.2	194.7	158.4	128.4	97.0	64.6
2.5°	681.2	547.3	438.8	355.2	292.8	240.0	197.3	160.4	130.3	99.2	66.0
0°	685.8	551.0	441.8	357.8	295.2	241.7	199.2	161.8	131.6	101.0	67.2
-2.5°	690.8	556.1	446.0	361.8	297.6	244.1	201.2	163.9	133.5	103.0	69.1
-5°	690.5	557.1	447.4	363.7	298.6	245.4	202.3	165.5	134.9	104.4	70.7
-7.5°	683.2	552.8	445.7	363.3	298.0	245.5	202.6	166.4	135.7	105.3	72.0
-10°	670.2	543.8	440.7	360.0	296.1	244.4	202.2	166.6	136.0	105.7	72.9
-12.5°	651.8	531.0	432.6	354.6	292.6	242.2	200.7	165.8	135.8	105.6	73.4
-15°	628.2	514.6	421.4	347.1	287.5	238.7	198.3	164.2	134.6	104.8	73.5
-17.5°	599.6	494.6	407.2	337.6	280.8	234.2	195.0	162.0	133.0	103.4	73.4
-20°	573.1	473.6	390.7	326.1	272.6	228.6	190.9	159.2	131.0	101.8	73.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626742 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-735-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°	543.4	451.8	376.2	315.1	263.9	221.9	185.8	155.7	128.6	99.7	72.3
-25°	509.5	427.1	359.5	302.8	255.4	215.5	180.6	151.6	125.9	97.5	71.4
-27.5°	477.6	401.6	340.9	288.6	245.6	208.1	175.5	147.9	122.7	94.9	70.1
-30°	445.1	379.4	323.0	273.7	234.8	199.8	169.7	143.9	119.2	92.7	68.6
-32.5°	412.0	355.2	303.9	260.9	224.3	191.0	163.4	139.5	115.5	90.5	67.3
-35°	383.6	331.4	283.3	247.0	213.6	183.4	157.1	135.0	111.6	88.0	65.9
-37.5°	353.4	307.2	267.3	233.3	202.1	175.2	151.0	129.6	107.7	85.2	64.2
-40°	326.3	284.7	250.1	220.0	191.7	166.3	144.3	123.8	104.0	82.1	62.2
-42.5°	298.7	264.2	233.3	205.7	181.3	158.1	136.9	117.7	99.2	79.2	60.0
-45°	274.6	243.2	216.0	192.7	170.4	149.2	129.8	111.3	94.1	76.3	57.6
-47.5°	249.6	223.0	199.7	179.1	159.7	139.9	122.2	105.4	88.8	73.1	55.2
-50°	226.3	203.8	184.5	166.0	147.9	131.3	114.7	99.4	83.9	68.8	52.5
-52.5°	205.6	186.9	169.6	152.8	137.3	122.3	107.9	93.2	78.9	64.5	49.4
-55°	187.3	170.6	155.1	140.6	126.6	114.2	101.0	87.4	73.6	60.1	46.2
-57.5°	169.8	154.8	141.6	128.6	116.8	106.0	94.2	81.4	68.3	55.5	43.3
-60°	152.2	140.1	128.3	117.5	107.2	97.4	87.4	75.1	62.9	50.7	39.9
-62.5°	135.3	125.1	116.1	106.5	97.2	88.5	80.4	68.8	57.1	46.0	36.0
-65°	118.7	110.9	103.6	94.7	86.5	79.3	72.6	62.1	51.1	41.0	32.0
-67.5°	102.3	95.9	89.4	82.1	76.1	70.2	64.3	54.7	44.7	35.7	28.0
-70°	85.7	80.3	75.7	71.1	66.0	60.9	54.9	46.8	38.0	30.7	23.8
-72.5°	69.5	66.2	63.4	60.2	55.9	51.0	45.4	38.8	32.0	25.6	19.5
-75°	53.5	52.9	52.0	49.9	45.8	41.2	36.7	31.6	25.8	20.3	15.9
-77.5°	42.2	41.9	41.3	39.8	36.3	32.5	28.6	24.3	19.9	16.1	12.5
-80°	31.3	31.2	30.9	30.0	26.9	23.8	21.0	18.3	15.1	11.9	9.0
-82.5°	20.5	20.8	21.0	20.7	18.6	16.6	14.6	12.7	10.1	7.7	6.0
-85°	11.7	11.9	12.0	11.9	10.6	9.3	8.5	7.7	6.3	5.1	4.0
-87.5°	4.9	5.1	5.4	5.5	5.1	4.7	4.3	3.8	3.2	2.6	2.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626742 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-735-U-WR-VSR-XX

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°	0.1	0.1	0.1	0.1	0.0	0.0	0.0
85°	0.3	0.2	0.2	0.1	0.1	0.0	0.0
82.5°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
80°	0.5	0.4	0.3	0.3	0.2	0.1	0.0
77.5°	0.5	0.5	0.4	0.3	0.2	0.1	0.0
75°	0.5	0.5	0.5	0.4	0.3	0.1	0.0
72.5°	0.5	0.5	0.5	0.4	0.3	0.2	0.0
70°	0.5	0.5	0.5	0.5	0.3	0.2	0.0
67.5°	0.5	0.5	0.5	0.5	0.4	0.2	0.0
65°	0.6	0.5	0.5	0.5	0.4	0.2	0.0
62.5°	0.7	0.6	0.5	0.5	0.5	0.2	0.0
60°	0.7	0.8	0.5	0.5	0.5	0.2	0.0
57.5°	1.3	0.9	0.6	0.5	0.5	0.3	0.0
55°	1.9	1.0	0.8	0.5	0.5	0.3	0.0
52.5°	2.7	1.3	0.9	0.5	0.5	0.3	0.0
50°	3.5	2.1	1.0	0.5	0.5	0.3	0.0
47.5°	4.7	2.9	1.2	0.5	0.5	0.3	0.0
45°	7.1	3.8	1.3	0.6	0.5	0.4	0.0
42.5°	9.6	4.7	1.5	0.8	0.6	0.4	0.0
40°	12.0	5.7	2.0	0.9	0.6	0.4	0.0
37.5°	14.5	6.8	2.8	1.1	0.6	0.4	0.0
35°	16.9	8.4	3.5	1.3	0.6	0.4	0.0
32.5°	19.4	10.3	4.3	1.5	0.6	0.4	0.0
30°	22.3	12.2	5.1	1.8	0.6	0.4	0.0
27.5°	25.1	14.0	6.1	2.0	0.7	0.4	0.0
25°	27.7	15.7	7.0	2.3	0.7	0.5	0.0
22.5°	30.3	17.4	7.9	2.6	0.7	0.5	0.0
20°	32.7	19.1	8.8	2.9	0.7	0.5	0.0
17.5°	35.0	20.6	9.6	3.2	0.8	0.5	0.0
15°	37.1	22.1	10.4	3.4	0.8	0.5	0.0
12.5°	39.0	23.4	11.2	3.7	0.8	0.5	0.0
10°	40.7	24.6	11.9	4.0	0.8	0.5	0.0
7.5°	42.2	25.7	12.6	4.3	0.8	0.5	0.0
5°	43.6	26.7	13.2	4.5	0.9	0.5	0.0
2.5°	44.7	27.6	13.7	4.8	0.9	0.5	0.0
0°	45.7	28.3	14.2	5.0	0.9	0.5	0.0
-2.5°	46.9	29.2	14.8	5.3	1.0	0.5	0.0
-5°	48.0	29.9	15.4	5.6	1.2	0.6	0.0
-7.5°	48.8	30.6	15.9	5.9	1.3	0.6	0.0
-10°	49.3	31.0	16.3	6.1	1.4	0.6	0.0
-12.5°	49.7	31.3	16.6	6.3	1.6	0.6	0.0
-15°	49.8	31.5	16.8	6.5	1.7	0.6	0.0
-17.5°	49.6	31.4	16.9	6.6	1.8	0.7	0.0
-20°	49.5	31.3	16.8	6.7	1.9	0.7	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626742 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-735-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	49.5	30.9	16.7	6.7	2.0	0.7	0.0
-25°	49.3	30.8	16.4	6.7	2.0	0.7	0.0
-27.5°	48.8	30.7	16.1	6.7	2.1	0.7	0.0
-30°	48.1	30.3	15.6	6.6	2.1	0.7	0.0
-32.5°	47.2	29.8	15.4	6.5	2.2	0.7	0.0
-35°	46.3	29.1	15.1	6.3	2.2	0.7	0.0
-37.5°	45.2	28.3	14.7	6.0	2.2	0.7	0.0
-40°	43.9	27.6	14.1	5.7	2.2	0.7	0.0
-42.5°	42.3	26.8	13.7	5.5	2.2	0.7	0.0
-45°	40.5	25.7	13.4	5.3	2.1	0.7	0.0
-47.5°	38.5	24.5	13.0	5.0	2.1	0.7	0.0
-50°	36.7	23.1	12.4	4.9	2.0	0.6	0.0
-52.5°	34.8	21.6	11.7	4.8	1.9	0.6	0.0
-55°	32.6	20.3	10.9	4.7	1.9	0.6	0.0
-57.5°	30.3	18.9	10.0	4.5	1.7	0.6	0.0
-60°	27.7	17.4	9.0	4.2	1.6	0.5	0.0
-62.5°	25.3	15.6	8.3	3.9	1.5	0.5	0.0
-65°	22.7	13.7	7.6	3.6	1.4	0.5	0.0
-67.5°	19.8	12.0	6.8	3.2	1.3	0.4	0.0
-70°	16.7	10.5	5.9	2.7	1.2	0.4	0.0
-72.5°	14.2	8.9	4.9	2.4	1.0	0.3	0.0
-75°	11.6	7.2	3.9	2.1	0.9	0.3	0.0
-77.5°	8.9	5.4	3.2	1.8	0.8	0.2	0.0
-80°	6.2	4.1	2.6	1.4	0.6	0.2	0.0
-82.5°	4.5	3.1	2.0	1.1	0.5	0.1	0.0
-85°	3.0	2.1	1.3	0.7	0.3	0.1	0.0
-87.5°	1.5	1.1	0.7	0.4	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)