

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: P626700 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-750-U-VWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
 Report Number: P626700 (CONVERTED FROM TYPE C PHOTOMETRY)
 TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-18)
 Test Lab: COOPER LIGHTING SOLUTIONS
 Issue Date: 12/7/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: MCGRAW-EDISON
 Catalog Number: GFLD-SA1C-750-U-VWR-VSR-XX
 Description: GALLEON FLOOD, ONE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR
 Light Source: (16) 5000K CCT, 70 CRI LEDS
 Ballast/Driver: -

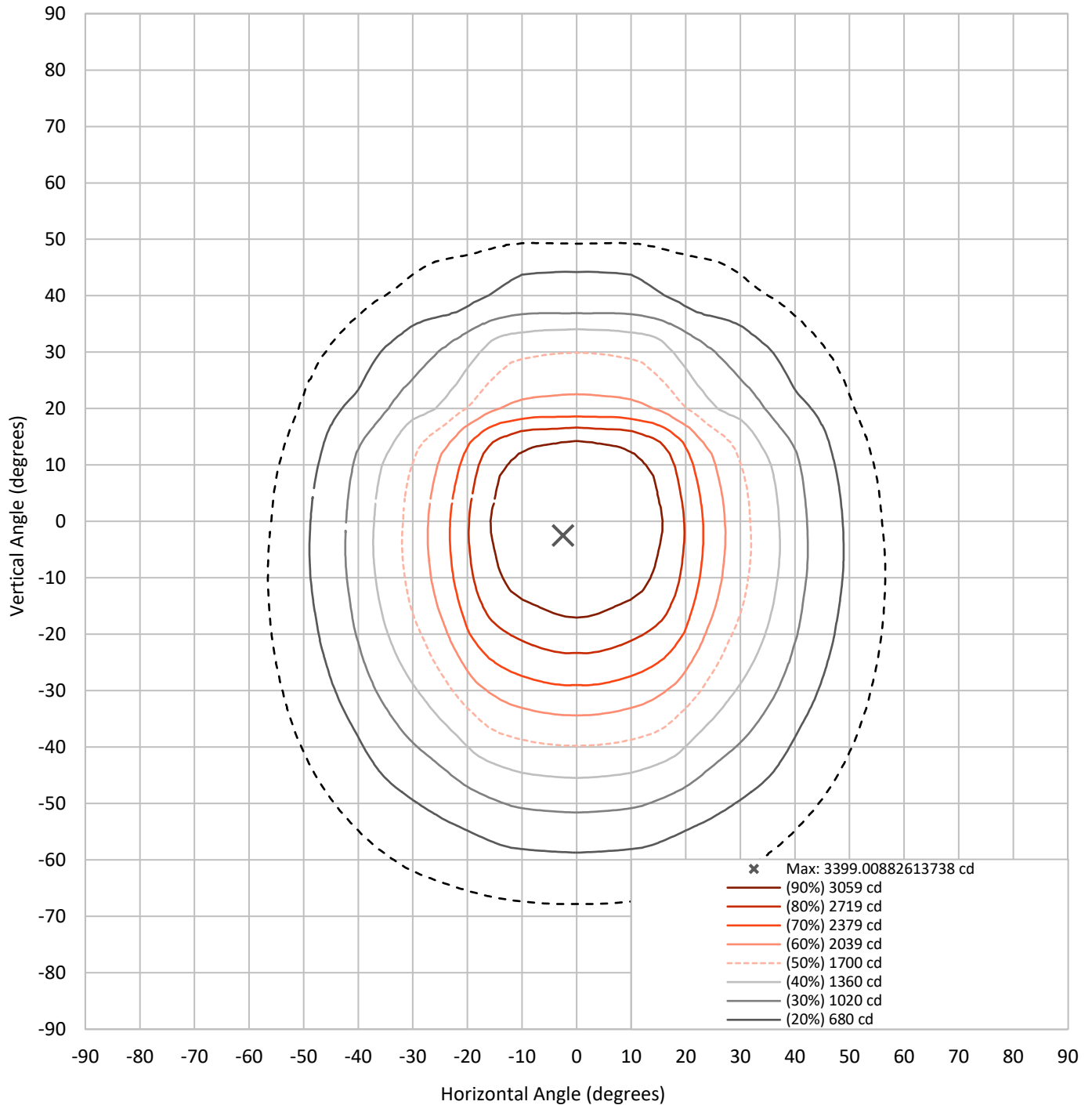
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	4536.1 lumens	Max Intensity:	3399 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	104.3 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	63.9°H x 69.6°V	Field Angle (10%):	112.5°H x 117.1°V
Beam Lumens:	2624.4 lumens	Field Lumens:	4304.4 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	43.5		
Input Voltage (V):	120		
Input Current (A _{in}):	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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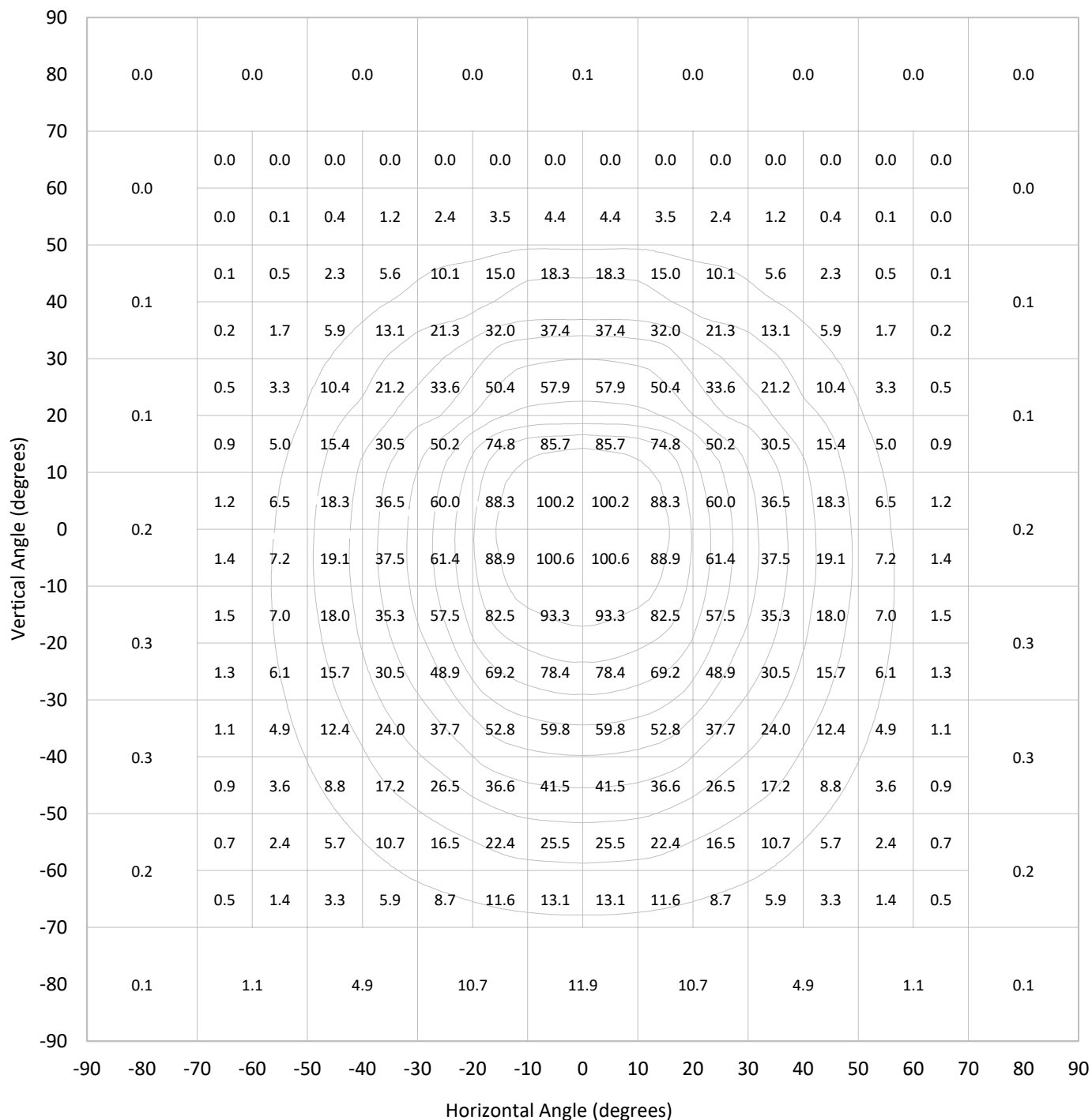
Iso-Candela Plot





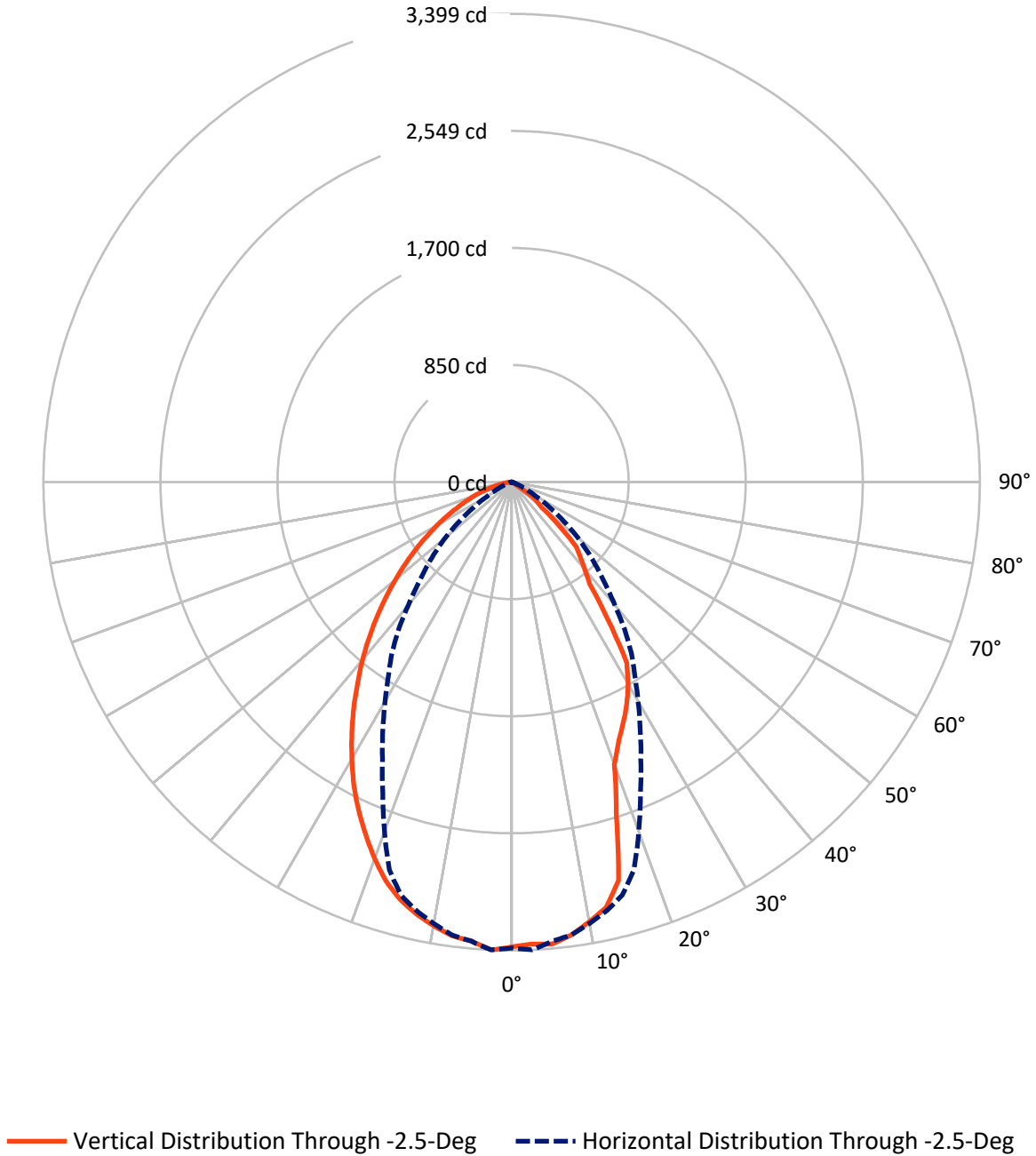
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Lumen Table



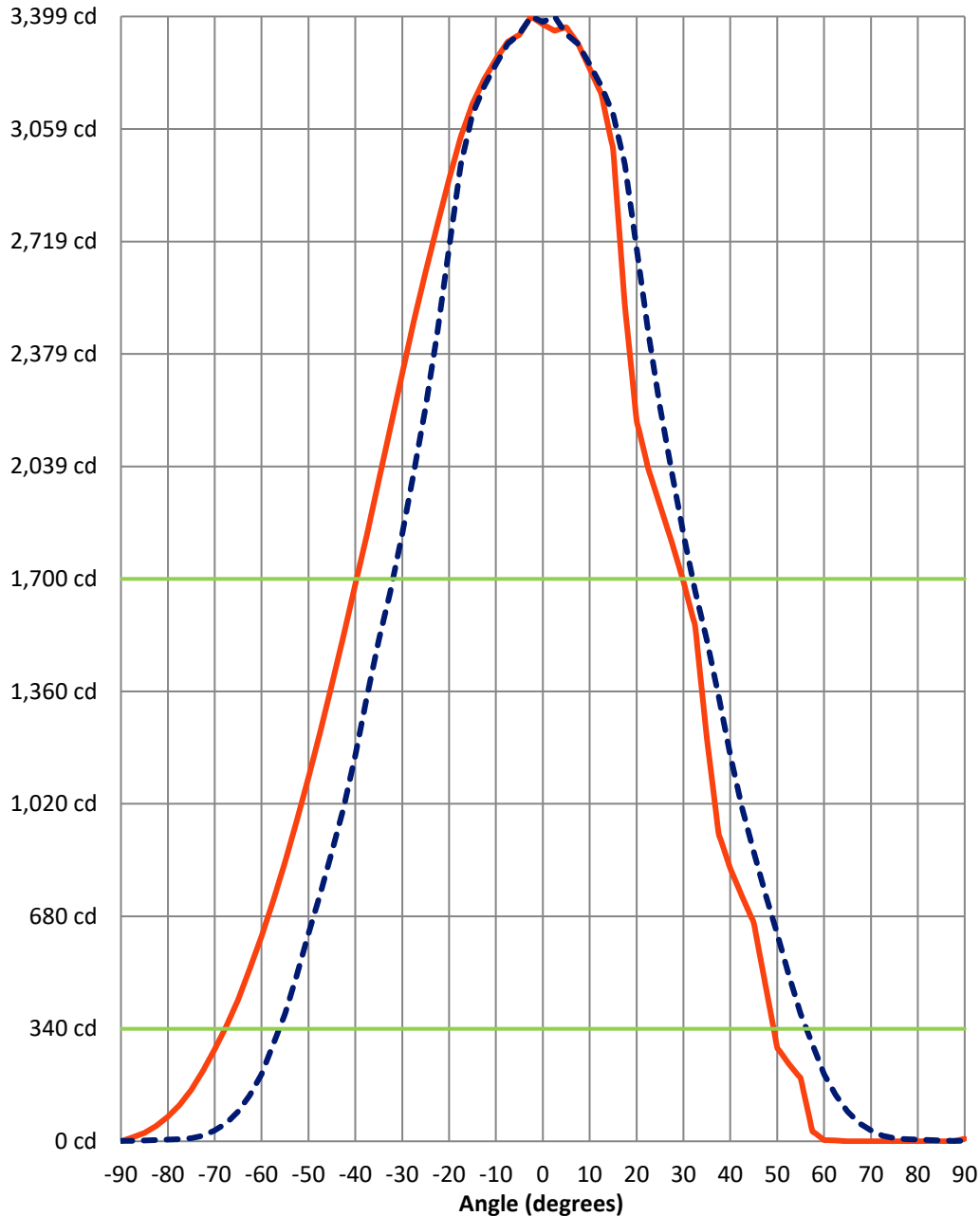
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 69.6°
 Lumens: 2624.4
 Efficiency: 57.9%

Field:
 H Angle: 112.5°
 V Angle: 117.1°
 Lumens: 4304.4
 Efficiency: 94.9%

Spill:
 Lumens: 231.6
 Efficiency: 5.1%

— Vertical Distribution through -2.5-Deg
 - - - Horizontal Distribution through -2.5-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°	1.3	1.3	1.3	1.6	1.9	2.2	2.5	2.8	3.2	3.5	3.8
87.5°	1.3	1.3	1.3	1.3	1.2	1.1	1.0	0.7	0.4	0.2	0.0
85°	1.3	1.3	1.3	1.2	1.1	0.9	0.6	0.4	0.2	0.1	0.0
82.5°	1.3	1.3	1.3	1.2	1.0	0.7	0.3	0.1	0.0	0.2	0.3
80°	1.3	1.3	1.3	1.1	0.9	0.5	0.1	0.3	0.5	0.7	0.9
77.5°	1.3	1.3	1.3	1.1	0.8	0.4	0.4	0.6	0.9	1.2	1.2
75°	1.3	1.3	1.3	1.1	0.7	0.6	0.7	1.0	1.3	1.1	0.7
72.5°	1.3	1.3	1.3	1.0	0.8	0.8	1.0	1.3	1.1	0.8	0.2
70°	1.3	1.3	1.3	1.0	0.9	1.0	1.3	1.2	1.0	0.5	0.6
67.5°	1.3	1.3	1.3	1.1	1.0	1.2	1.3	1.2	0.8	1.0	1.1
65°	1.3	1.3	1.3	1.1	1.1	1.3	1.4	1.2	1.3	1.5	1.6
62.5°	1.3	1.3	1.3	1.2	1.2	1.4	1.4	1.5	1.7	1.9	1.8
60°	1.3	1.3	1.3	1.2	1.3	1.5	1.5	1.8	2.1	2.2	2.0
57.5°	1.3	1.3	1.3	1.2	1.4	1.7	1.8	2.2	2.5	2.5	2.5
55°	1.3	1.3	1.3	1.3	1.5	1.8	2.1	2.5	2.9	3.0	3.1
52.5°	1.3	1.3	1.4	1.3	1.7	1.9	2.4	2.9	3.3	3.5	3.7
50°	1.3	1.3	1.4	1.3	1.8	2.2	2.7	3.3	3.8	4.0	4.3
47.5°	1.3	1.3	1.4	1.3	1.9	2.4	3.0	3.6	4.2	4.6	4.9
45°	1.3	1.3	1.4	1.4	2.1	2.7	3.3	4.0	4.7	5.1	5.4
42.5°	1.3	1.3	1.5	1.5	2.2	2.9	3.6	4.4	5.2	5.6	6.6
40°	1.3	1.3	1.5	1.7	2.4	3.2	3.9	4.8	5.7	6.1	7.9
37.5°	1.3	1.3	1.6	1.9	2.6	3.4	4.2	5.3	6.2	7.0	9.2
35°	1.3	1.3	1.6	2.0	2.8	3.6	4.5	5.7	6.7	8.6	11.8
32.5°	1.3	1.3	1.7	2.2	2.9	3.8	4.8	6.2	7.3	10.5	16.8
30°	1.3	1.3	1.7	2.3	3.1	4.0	5.2	6.7	7.9	12.6	21.6
27.5°	1.3	1.3	1.8	2.5	3.3	4.2	5.5	7.2	9.0	15.0	26.3
25°	1.3	1.3	1.9	2.6	3.5	4.4	5.9	7.7	10.8	18.5	31.0
22.5°	1.3	1.3	1.9	2.8	3.7	4.6	6.3	8.2	12.8	22.3	37.1
20°	1.3	1.3	2.0	2.9	3.9	4.9	6.6	8.7	14.8	25.9	43.1
17.5°	1.3	1.3	2.1	3.0	4.1	5.1	7.0	9.2	16.8	29.3	49.1
15°	1.3	1.3	2.1	3.2	4.2	5.3	7.3	9.8	18.8	32.5	54.9
12.5°	1.3	1.3	2.2	3.3	4.4	5.5	7.7	10.7	21.1	35.4	60.5
10°	1.3	1.3	2.3	3.4	4.6	5.7	8.0	11.6	23.5	38.9	66.0
7.5°	1.3	1.3	2.3	3.5	4.7	5.8	8.2	12.6	25.8	42.3	71.9
5°	1.3	1.3	2.4	3.6	4.9	6.0	8.5	13.5	28.0	45.4	77.3
2.5°	1.3	1.3	2.4	3.7	5.0	6.2	8.7	14.4	30.0	48.3	82.1
0°	1.3	1.3	2.5	3.8	5.1	6.3	8.9	15.2	31.7	50.8	86.3
-2.5°	1.3	1.3	2.5	3.8	5.1	6.3	8.9	15.2	31.7	50.8	86.3
-5°	1.3	1.3	2.5	3.8	5.3	6.6	9.8	18.2	34.0	58.3	93.1
-7.5°	1.3	1.3	2.5	3.8	5.4	6.7	10.2	19.4	34.8	61.2	95.6
-10°	1.3	1.3	2.5	3.7	5.4	6.8	10.6	20.5	35.3	63.2	97.3
-12.5°	1.3	1.3	2.4	3.7	5.4	6.9	10.8	21.2	35.8	64.3	98.7
-15°	1.3	1.3	2.4	3.7	5.5	6.9	11.0	21.7	36.5	64.2	99.2
-17.5°	1.3	1.3	2.4	3.6	5.4	7.0	11.0	22.2	37.6	63.5	98.6
-20°	1.3	1.3	2.4	3.6	5.4	7.0	11.3	22.6	38.3	62.4	96.8

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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°	1.3	1.3	2.3	3.5	5.3	7.1	12.0	22.8	38.6	60.7	93.7
-25°	1.3	1.3	2.3	3.4	5.2	7.5	12.6	22.8	38.5	58.6	89.3
-27.5°	1.3	1.3	2.2	3.4	5.1	8.1	13.1	22.4	38.0	56.7	86.1
-30°	1.3	1.3	2.2	3.3	5.0	8.6	13.4	21.8	37.3	55.9	82.5
-32.5°	1.3	1.3	2.1	3.2	5.2	9.0	13.6	21.8	36.4	54.5	78.5
-35°	1.3	1.3	2.1	3.1	5.3	9.4	13.9	21.9	35.1	52.6	74.0
-37.5°	1.3	1.3	2.0	3.0	5.4	9.6	14.3	21.9	33.5	50.0	72.0
-40°	1.3	1.3	1.9	2.9	5.5	9.7	14.5	21.6	31.5	47.6	69.7
-42.5°	1.3	1.3	1.9	2.8	5.5	9.7	14.6	21.1	30.4	45.6	66.2
-45°	1.3	1.3	1.8	2.8	5.5	9.6	14.5	20.6	29.6	43.2	61.9
-47.5°	1.3	1.3	1.7	2.8	5.5	9.5	14.3	20.3	28.5	40.3	58.5
-50°	1.3	1.3	1.6	2.8	5.4	9.3	14.0	19.8	27.7	39.2	54.4
-52.5°	1.3	1.3	1.6	2.7	5.2	9.0	13.6	19.1	26.9	37.8	50.0
-55°	1.3	1.3	1.5	2.7	5.0	8.6	13.1	18.2	26.1	36.1	47.9
-57.5°	1.3	1.3	1.4	2.6	4.7	8.1	12.6	17.5	24.8	34.3	45.4
-60°	1.3	1.3	1.3	2.5	4.4	7.6	11.9	16.6	23.3	32.1	42.6
-62.5°	1.3	1.3	1.3	2.3	4.1	6.9	10.9	15.5	21.3	29.6	39.3
-65°	1.3	1.3	1.3	2.2	3.9	6.2	9.8	14.1	19.0	26.3	35.5
-67.5°	1.3	1.3	1.3	2.0	3.6	5.6	8.6	12.3	16.3	22.4	30.5
-70°	1.3	1.3	1.3	1.9	3.3	5.1	7.3	10.5	14.0	18.1	24.7
-72.5°	1.3	1.3	1.3	1.8	2.9	4.5	6.5	8.6	11.5	15.0	18.9
-75°	1.3	1.3	1.3	1.8	2.5	3.9	5.6	7.2	9.0	11.8	15.0
-77.5°	1.3	1.3	1.3	1.8	2.4	3.3	4.8	6.1	7.5	9.0	11.0
-80°	1.3	1.3	1.3	1.7	2.3	3.0	3.9	4.9	6.0	7.2	8.5
-82.5°	1.3	1.3	1.3	1.7	2.2	2.8	3.5	4.0	4.5	5.4	6.4
-85°	1.3	1.3	1.3	1.7	2.1	2.6	3.2	3.6	4.0	4.5	4.9
-87.5°	1.3	1.3	1.3	1.6	2.0	2.4	2.8	3.2	3.6	4.0	4.3
-90°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.0	0.6	0.3	0.0



REPORT NUMBER: P626700 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	4.1	4.5	4.8
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°	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.9	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.7	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.3	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.2	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.7	0.8	0.5	0.2	0.0	0.1	0.2	0.1	0.0	0.1	0.2
67.5°	1.2	0.9	0.6	0.4	0.5	0.7	0.6	0.7	0.7	0.8	0.7
65°	1.3	1.0	1.0	1.1	1.3	1.4	1.5	1.6	1.3	1.2	1.2
62.5°	1.4	1.4	1.6	1.9	2.0	2.2	2.2	2.0	1.5	1.9	2.2
60°	1.9	2.1	2.3	2.6	2.8	3.0	2.9	2.9	3.2	3.7	7.1
57.5°	2.5	2.7	3.0	3.4	3.8	3.8	4.0	4.3	10.1	16.4	18.2
55°	3.2	3.3	3.9	4.5	4.9	4.9	7.0	14.7	22.1	30.7	33.8
52.5°	3.8	4.1	5.0	5.8	6.3	9.8	17.6	28.1	39.1	48.9	61.6
50°	4.5	5.4	6.3	7.5	12.0	21.1	32.5	46.8	63.4	79.1	95.1
47.5°	5.6	6.8	8.2	11.8	23.5	36.2	52.1	75.1	95.6	114.5	136.5
45°	7.0	9.4	11.0	23.4	37.0	53.3	80.2	108.3	126.9	152.3	191.2
42.5°	8.4	13.0	21.0	35.3	51.9	78.3	111.6	135.6	160.3	201.4	242.3
40°	12.1	17.4	31.6	48.7	69.7	108.2	142.4	169.5	203.4	248.9	291.6
37.5°	16.5	26.6	42.5	62.9	97.7	139.9	176.5	215.2	254.1	297.0	376.3
35°	21.5	35.1	56.3	83.9	125.7	175.0	218.6	261.9	306.7	391.3	469.9
32.5°	27.9	42.9	70.7	108.2	155.9	210.0	260.7	310.8	382.6	478.3	557.1
30°	34.8	55.5	87.2	130.8	184.4	242.1	303.1	363.7	458.7	537.9	623.6
27.5°	42.1	68.8	106.7	154.3	211.0	272.4	341.2	427.6	512.4	590.7	684.8
25°	49.6	82.6	124.5	176.8	237.2	305.2	384.3	489.5	555.9	642.3	740.5
22.5°	59.1	95.9	142.1	197.2	261.6	338.8	439.7	545.4	623.4	696.2	792.1
20°	70.2	110.8	161.3	222.7	285.4	371.7	494.8	606.0	697.8	781.1	869.2
17.5°	80.6	124.7	181.7	248.8	320.0	413.8	548.9	671.9	772.9	865.8	975.7
15°	90.1	137.6	201.8	273.5	354.1	462.1	597.4	732.5	847.8	952.3	1077.3
12.5°	98.9	149.4	221.1	296.6	386.2	503.6	638.1	770.0	896.8	1032.9	1174.7
10°	106.8	160.0	239.4	318.0	415.9	538.8	671.7	801.2	929.2	1073.2	1230.8
7.5°	115.3	169.9	256.0	337.3	442.9	567.9	698.6	826.3	955.3	1105.4	1267.2
5°	123.1	179.0	269.1	351.2	463.8	590.5	718.8	845.4	975.2	1129.5	1294.8
2.5°	130.0	186.7	279.8	362.1	479.3	607.2	732.0	861.3	990.0	1149.0	1315.9
0°	135.8	192.9	288.0	370.5	491.0	619.2	739.7	871.7	998.6	1162.2	1329.7
-2.5°	139.5	203.1	293.6	385.1	501.3	627.0	746.6	874.6	1007.9	1166.4	1345.2
-5°	142.2	211.3	297.0	396.4	508.0	630.5	748.9	872.3	1010.3	1165.4	1347.5
-7.5°	143.7	217.1	298.6	402.8	510.4	628.4	745.0	868.0	1006.3	1161.4	1337.5
-10°	144.6	218.9	300.8	400.8	507.2	621.6	736.5	858.0	994.8	1148.4	1318.4
-12.5°	146.9	217.8	300.4	396.6	500.6	611.3	723.7	842.0	975.6	1126.3	1291.9
-15°	147.5	215.2	296.8	390.3	490.4	597.9	707.1	820.1	952.0	1104.7	1262.6
-17.5°	146.2	211.2	289.8	382.3	476.7	581.5	687.5	800.4	929.8	1079.8	1231.9
-20°	142.8	206.1	279.1	372.8	460.5	563.4	667.8	779.7	904.2	1045.3	1197.5

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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°	137.2	199.9	267.6	359.6	446.5	542.7	644.8	751.5	872.3	1000.6	1151.2
-25°	131.5	192.9	258.6	341.4	429.7	518.4	618.3	717.1	834.7	960.7	1094.4
-27.5°	126.0	183.2	249.2	321.5	409.8	492.5	588.4	684.7	792.5	916.0	1039.1
-30°	118.9	172.7	237.7	302.4	386.1	468.1	555.0	649.9	746.7	864.0	985.1
-32.5°	112.6	161.7	224.6	287.8	360.6	440.6	519.1	609.5	704.0	803.9	923.6
-35°	108.4	155.2	210.8	271.0	334.6	410.7	485.3	563.9	655.4	749.2	854.3
-37.5°	105.0	147.8	196.2	253.5	314.0	379.3	449.2	521.5	601.4	695.9	794.7
-40°	99.7	139.4	185.4	236.8	290.2	349.5	414.4	479.8	549.1	641.4	738.9
-42.5°	92.8	131.3	175.2	218.6	267.4	321.5	379.2	440.8	507.4	587.6	677.2
-45°	87.5	120.9	163.9	202.8	243.2	292.7	346.8	402.6	465.4	534.3	614.8
-47.5°	80.8	109.6	149.1	185.4	221.0	263.3	312.8	365.6	421.2	483.3	549.2
-50°	73.6	100.2	130.9	166.3	200.3	235.4	277.7	326.5	376.9	431.0	489.9
-52.5°	68.2	89.2	117.2	146.7	179.1	210.9	246.9	288.8	333.8	379.0	430.8
-55°	62.0	81.1	104.2	130.6	158.1	187.7	220.4	257.1	293.9	335.4	376.6
-57.5°	57.7	73.3	93.3	116.3	141.0	166.1	197.0	228.0	262.0	296.4	330.7
-60°	54.3	66.6	83.2	103.4	125.5	148.9	174.2	202.9	232.2	260.2	289.8
-62.5°	50.4	61.1	74.1	90.5	110.5	130.9	153.2	177.8	204.2	227.9	250.8
-65°	45.4	54.7	65.8	79.2	94.9	112.1	131.2	151.9	174.8	193.9	212.7
-67.5°	39.7	47.5	56.8	67.8	80.8	94.2	108.2	125.7	144.3	160.0	175.2
-70°	32.4	39.7	47.3	56.2	66.4	77.8	90.1	102.8	115.6	128.3	142.3
-72.5°	24.8	31.4	37.9	44.3	52.4	61.7	71.7	82.4	93.5	104.4	115.0
-75°	18.9	23.2	28.8	34.6	40.2	46.3	53.1	61.5	71.9	82.5	92.2
-77.5°	14.3	17.9	21.6	25.6	29.1	33.6	38.5	43.8	52.3	62.1	72.0
-80°	10.3	12.5	15.4	18.6	21.1	23.6	26.2	28.8	35.2	43.1	51.5
-82.5°	7.7	9.1	10.8	12.6	13.9	15.1	16.5	18.3	23.0	28.3	33.9
-85°	5.3	5.7	6.6	7.6	8.3	9.0	9.8	10.5	13.1	15.9	19.0
-87.5°	4.5	4.7	5.0	5.2	5.3	5.4	5.5	5.6	6.4	7.4	8.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626700 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	5.1	5.4	5.7	6.0	6.3	6.6	7.0	7.3	7.6	7.6	7.6
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°	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.6	0.7	0.7	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.4	1.3	1.0	0.6	0.3	0.5	0.8	0.9	0.9	0.8	0.7
62.5°	2.0	1.9	1.7	1.9	2.3	2.6	2.5	2.4	2.2	2.1	2.2
60°	7.5	5.0	5.8	7.2	6.8	4.6	7.6	8.6	7.3	5.0	4.8
57.5°	19.0	18.4	21.0	30.7	33.8	30.8	36.8	44.7	44.4	38.3	38.1
55°	40.5	54.4	71.1	73.8	85.4	108.7	126.9	118.9	118.9	124.8	144.1
52.5°	76.9	90.0	94.9	107.9	132.2	149.8	161.2	172.9	185.8	198.9	212.2
50°	112.9	125.6	140.0	153.3	187.0	205.1	202.1	226.4	257.5	276.9	286.9
47.5°	165.6	185.6	216.1	263.8	288.9	307.1	329.7	357.2	392.8	441.2	478.4
45°	227.7	259.2	306.3	357.0	395.9	413.7	439.5	482.1	539.0	594.3	634.7
42.5°	278.5	321.7	374.8	423.2	455.0	484.1	517.6	553.5	618.6	677.7	724.4
40°	344.7	378.3	437.9	483.6	512.0	540.9	593.9	647.8	709.0	764.0	802.3
37.5°	428.6	466.4	528.4	580.1	607.5	617.7	707.9	782.8	832.5	902.8	925.8
35°	518.8	581.0	660.1	727.0	753.9	807.5	900.3	1004.9	1118.1	1159.8	1195.3
32.5°	619.4	696.2	803.4	875.2	913.6	994.9	1112.4	1224.1	1372.2	1452.6	1476.6
30°	711.5	799.5	891.7	961.5	1027.1	1125.1	1232.3	1369.8	1506.8	1609.6	1641.5
27.5°	779.0	876.4	965.1	1030.4	1104.4	1210.1	1343.7	1483.0	1617.5	1722.3	1759.6
25°	843.4	953.6	1023.8	1099.8	1186.7	1301.8	1449.9	1604.7	1737.1	1825.7	1871.4
22.5°	916.7	1025.4	1100.7	1165.1	1278.7	1411.3	1548.8	1723.8	1864.1	1934.8	1984.3
20°	992.4	1115.4	1231.7	1291.6	1389.8	1557.8	1711.7	1876.9	2012.4	2086.1	2138.3
17.5°	1098.0	1254.7	1397.3	1482.1	1587.3	1788.3	1980.3	2147.3	2335.8	2402.4	2466.2
15°	1209.4	1390.7	1557.8	1692.1	1828.1	2027.1	2274.3	2475.9	2690.9	2787.0	2895.5
12.5°	1320.4	1492.0	1643.4	1816.7	2008.2	2184.3	2419.6	2670.7	2865.8	2988.3	3061.4
10°	1403.4	1562.7	1708.4	1882.1	2073.3	2272.5	2506.3	2763.7	2967.9	3072.4	3132.1
7.5°	1448.2	1600.7	1754.3	1930.3	2120.7	2332.8	2573.8	2829.0	3037.9	3139.2	3198.1
5°	1481.4	1627.9	1787.0	1972.3	2164.7	2379.8	2620.4	2872.7	3063.2	3170.8	3245.3
2.5°	1501.6	1645.2	1807.8	1999.4	2192.3	2416.3	2668.6	2930.1	3096.7	3183.3	3251.8
0°	1507.4	1652.0	1819.5	2013.6	2211.6	2437.4	2687.4	2946.2	3114.9	3198.7	3268.5
-2.5°	1514.0	1662.9	1835.0	2022.8	2219.1	2444.3	2699.5	2951.6	3103.4	3188.0	3254.3
-5°	1509.4	1663.7	1835.3	2015.2	2212.7	2436.2	2681.1	2916.9	3075.7	3167.1	3233.1
-7.5°	1495.7	1652.2	1822.0	1994.9	2188.7	2414.7	2658.6	2885.7	3046.5	3142.9	3215.1
-10°	1475.8	1627.8	1798.7	1973.9	2165.3	2380.5	2620.6	2846.3	3000.3	3102.6	3186.8
-12.5°	1453.8	1602.6	1767.4	1935.4	2124.7	2337.2	2569.9	2783.5	2936.6	3048.2	3108.3
-15°	1421.1	1569.9	1727.4	1890.0	2074.5	2280.6	2502.8	2707.8	2858.1	2948.9	3015.4
-17.5°	1379.6	1525.6	1674.9	1829.1	2003.0	2205.9	2429.5	2631.7	2754.2	2835.3	2900.6
-20°	1335.1	1470.1	1611.6	1757.1	1925.6	2126.7	2346.3	2522.6	2638.1	2716.0	2777.7



REPORT NUMBER: P626700 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1284.3	1414.3	1543.8	1682.9	1848.1	2032.5	2226.5	2396.9	2521.0	2592.0	2649.0
-25°	1226.4	1352.8	1475.8	1610.1	1762.0	1927.6	2108.0	2275.5	2386.7	2462.1	2518.6
-27.5°	1163.9	1282.7	1402.9	1523.4	1660.0	1825.1	1992.1	2147.7	2242.6	2318.6	2375.5
-30°	1101.6	1208.4	1319.6	1433.8	1561.9	1710.8	1867.0	1997.9	2098.0	2171.8	2224.6
-32.5°	1034.1	1135.5	1234.0	1340.7	1461.3	1592.5	1729.6	1854.1	1961.0	2028.7	2073.2
-35°	964.9	1063.1	1153.2	1250.0	1356.5	1469.6	1596.2	1719.0	1824.6	1878.1	1921.5
-37.5°	892.9	990.7	1076.2	1157.1	1248.7	1353.6	1476.9	1594.0	1685.2	1731.2	1770.3
-40°	830.2	916.3	993.3	1070.7	1145.2	1238.3	1353.4	1466.8	1540.0	1584.8	1621.1
-42.5°	769.4	842.0	905.0	974.4	1049.1	1140.9	1233.7	1328.8	1387.6	1437.3	1475.6
-45°	698.5	763.5	822.5	880.3	948.3	1032.1	1116.5	1192.6	1247.7	1295.8	1333.0
-47.5°	620.2	682.9	740.2	791.8	855.1	925.0	996.0	1059.4	1113.8	1161.3	1194.6
-50°	547.2	603.2	659.2	711.4	766.2	822.8	880.4	936.0	987.7	1033.8	1062.1
-52.5°	481.8	533.4	582.4	628.0	676.0	723.8	771.5	822.4	870.0	913.6	936.2
-55°	422.5	469.2	513.4	551.8	590.3	628.2	669.1	716.1	759.9	800.3	816.5
-57.5°	369.4	409.3	448.4	480.9	512.4	542.5	578.4	618.1	656.4	691.1	704.3
-60°	320.6	352.2	384.9	413.7	441.1	467.0	498.3	530.2	561.3	587.5	598.8
-62.5°	275.6	302.7	327.4	350.9	374.1	397.3	422.6	448.0	473.1	493.2	503.4
-65°	232.3	253.8	273.7	293.0	311.7	331.2	351.0	370.3	388.9	403.3	412.1
-67.5°	191.6	208.0	223.8	238.8	254.5	270.3	285.8	300.5	314.5	325.6	334.0
-70°	155.5	168.2	180.6	193.0	206.1	218.4	230.1	241.1	251.5	259.5	266.0
-72.5°	125.3	135.6	146.3	157.5	168.1	177.3	185.7	193.8	201.5	206.0	209.4
-75°	101.1	109.7	119.0	128.0	136.9	143.9	150.0	156.0	161.7	162.0	160.9
-77.5°	81.6	89.4	96.6	103.7	110.7	115.0	118.8	122.7	126.6	124.3	120.7
-80°	59.9	66.4	72.5	78.6	84.7	87.3	89.1	90.6	91.9	88.9	85.3
-82.5°	39.8	43.8	47.8	51.8	55.9	57.6	58.8	59.8	60.5	57.9	54.8
-85°	22.2	24.2	26.1	28.0	30.0	31.1	32.1	33.1	33.9	32.3	30.5
-87.5°	9.3	9.7	10.1	10.5	10.9	11.3	11.7	12.1	12.5	12.6	12.6
-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: P626700 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.3
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°	0.4	0.1	0.0	0.0	0.0	0.1	0.4	0.7	0.8	0.9	0.9
62.5°	2.3	2.4	2.5	2.5	2.5	2.4	2.3	2.2	2.1	2.2	2.4
60°	4.5	3.9	3.8	3.8	3.8	3.9	4.5	4.8	5.0	7.3	8.6
57.5°	35.2	30.1	30.9	34.3	30.9	30.1	35.2	38.1	38.3	44.4	44.7
55°	164.4	183.5	190.3	186.5	190.3	183.5	164.4	144.1	124.8	118.9	118.9
52.5°	222.7	230.5	233.6	233.5	233.6	230.5	222.7	212.2	198.9	185.8	172.9
50°	290.0	287.3	283.2	279.1	283.2	287.3	290.0	286.9	276.9	257.5	226.4
47.5°	483.9	475.5	471.9	478.3	471.9	475.5	483.9	478.4	441.2	392.8	357.2
45°	643.0	652.8	660.1	659.8	660.1	652.8	643.0	634.7	594.3	539.0	482.1
42.5°	733.6	738.8	740.3	738.5	740.3	738.8	733.6	724.4	677.7	618.6	553.5
40°	814.3	820.6	824.1	827.3	824.1	820.6	814.3	802.3	764.0	709.0	647.8
37.5°	933.4	935.7	930.7	927.5	930.7	935.7	933.4	925.8	902.8	832.5	782.8
35°	1225.3	1231.3	1217.4	1232.0	1217.4	1231.3	1225.3	1195.3	1159.8	1118.1	1004.9
32.5°	1505.2	1533.2	1555.9	1574.6	1555.9	1533.2	1505.2	1476.6	1452.6	1372.2	1224.1
30°	1663.7	1681.8	1691.5	1693.9	1691.5	1681.8	1663.7	1641.5	1609.6	1506.8	1369.8
27.5°	1780.2	1799.1	1810.9	1819.5	1810.9	1799.1	1780.2	1759.6	1722.3	1617.5	1483.0
25°	1892.4	1909.7	1921.5	1926.1	1921.5	1909.7	1892.4	1871.4	1825.7	1737.1	1604.7
22.5°	2008.8	2020.8	2032.2	2037.7	2032.2	2020.8	2008.8	1984.3	1934.8	1864.1	1723.8
20°	2175.7	2169.2	2179.5	2176.0	2179.5	2169.2	2175.7	2138.3	2086.1	2012.4	1876.9
17.5°	2515.9	2519.4	2526.3	2537.6	2526.3	2519.4	2515.9	2466.2	2402.4	2335.8	2147.3
15°	2943.6	2952.2	2996.0	3035.0	2996.0	2952.2	2943.6	2895.5	2787.0	2690.9	2475.9
12.5°	3129.2	3158.9	3163.6	3174.6	3163.6	3158.9	3129.2	3061.4	2988.3	2865.8	2670.7
10°	3191.1	3242.7	3241.6	3254.5	3241.6	3242.7	3191.1	3132.1	3072.4	2967.9	2763.7
7.5°	3238.1	3293.5	3316.9	3326.8	3316.9	3293.5	3238.1	3198.1	3139.2	3037.9	2829.0
5°	3295.5	3325.9	3366.3	3354.8	3366.3	3325.9	3295.5	3245.3	3170.8	3063.2	2872.7
2.5°	3319.5	3367.2	3356.2	3367.4	3356.2	3367.2	3319.5	3251.8	3183.3	3096.7	2930.1
0°	3335.7	3370.0	3375.1	3386.5	3375.1	3370.0	3335.7	3268.5	3198.7	3114.9	2946.2
-2.5°	3316.0	3346.2	3399.0	3382.7	3399.0	3346.2	3316.0	3254.3	3188.0	3103.4	2951.6
-5°	3298.8	3373.0	3344.2	3380.1	3344.2	3373.0	3298.8	3233.1	3167.1	3075.7	2916.9
-7.5°	3289.9	3303.2	3322.3	3349.7	3322.3	3303.2	3289.9	3215.1	3142.9	3046.5	2885.7
-10°	3221.0	3234.6	3269.7	3288.8	3269.7	3234.6	3221.0	3186.8	3102.6	3000.3	2846.3
-12.5°	3146.3	3172.6	3209.5	3221.5	3209.5	3172.6	3146.3	3108.3	3048.2	2936.6	2783.5
-15°	3060.3	3099.4	3135.3	3142.9	3135.3	3099.4	3060.3	3015.4	2948.9	2858.1	2707.8
-17.5°	2950.9	2997.7	3035.5	3043.9	3035.5	2997.7	2950.9	2900.6	2835.3	2754.2	2631.7
-20°	2830.3	2875.2	2907.3	2917.0	2907.3	2875.2	2830.3	2777.7	2716.0	2638.1	2522.6



REPORT NUMBER: P626700 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2701.3	2741.6	2768.8	2764.8	2768.8	2741.6	2701.3	2649.0	2592.0	2521.0	2396.9
-25°	2564.3	2601.7	2627.6	2623.9	2627.6	2601.7	2564.3	2518.6	2462.1	2386.7	2275.5
-27.5°	2419.3	2454.8	2479.8	2480.5	2479.8	2454.8	2419.3	2375.5	2318.6	2242.6	2147.7
-30°	2267.1	2299.3	2319.5	2311.8	2319.5	2299.3	2267.1	2224.6	2171.8	2098.0	1997.9
-32.5°	2110.2	2139.3	2157.8	2163.3	2157.8	2139.3	2110.2	2073.2	2028.7	1961.0	1854.1
-35°	1955.3	1981.0	1997.0	2000.9	1997.0	1981.0	1955.3	1921.5	1878.1	1824.6	1719.0
-37.5°	1801.4	1823.6	1834.7	1829.6	1834.7	1823.6	1801.4	1770.3	1731.2	1685.2	1594.0
-40°	1649.3	1670.4	1683.2	1686.3	1683.2	1670.4	1649.3	1621.1	1584.8	1540.0	1466.8
-42.5°	1499.9	1517.4	1528.6	1534.0	1528.6	1517.4	1499.9	1475.6	1437.3	1387.6	1328.8
-45°	1354.8	1370.4	1381.0	1386.8	1381.0	1370.4	1354.8	1333.0	1295.8	1247.7	1192.6
-47.5°	1213.6	1227.4	1236.5	1240.9	1236.5	1227.4	1213.6	1194.6	1161.3	1113.8	1059.4
-50°	1078.7	1090.5	1099.0	1103.9	1099.0	1090.5	1078.7	1062.1	1033.8	987.7	936.0
-52.5°	950.6	961.0	968.2	971.9	968.2	961.0	950.6	936.2	913.6	870.0	822.4
-55°	828.4	836.8	843.5	847.6	843.5	836.8	828.4	816.5	800.3	759.9	716.1
-57.5°	714.4	721.2	727.6	732.1	727.6	721.2	714.4	704.3	691.1	656.4	618.1
-60°	607.7	614.2	619.6	623.0	619.6	614.2	607.7	598.8	587.5	561.3	530.2
-62.5°	511.4	517.1	522.1	525.3	522.1	517.1	511.4	503.4	493.2	473.1	448.0
-65°	419.1	424.2	427.9	430.1	427.9	424.2	419.1	412.1	403.3	388.9	370.3
-67.5°	341.3	347.2	348.4	347.7	348.4	347.2	341.3	334.0	325.6	314.5	300.5
-70°	271.8	276.8	278.0	277.9	278.0	276.8	271.8	266.0	259.5	251.5	241.1
-72.5°	212.6	215.3	213.0	209.4	213.0	215.3	212.6	209.4	206.0	201.5	193.8
-75°	159.5	157.7	155.3	152.3	155.3	157.7	159.5	160.9	162.0	161.7	156.0
-77.5°	116.8	112.5	109.7	106.6	109.7	112.5	116.8	120.7	124.3	126.6	122.7
-80°	81.3	77.1	74.2	71.1	74.2	77.1	81.3	85.3	88.9	91.9	90.6
-82.5°	51.5	48.0	46.3	44.4	46.3	48.0	51.5	54.8	57.9	60.5	59.8
-85°	28.6	26.5	25.3	24.1	25.3	26.5	28.6	30.5	32.3	33.9	33.1
-87.5°	12.7	12.7	12.0	11.4	12.0	12.7	12.7	12.6	12.6	12.5	12.1
-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: P626700 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	7.0	6.6	6.3	6.0	5.7	5.4	5.1	4.8	4.5	4.1	3.8
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	0.1	0.2	0.1	0.0	0.1
67.5°	0.0	0.0	0.2	0.5	0.7	0.7	0.6	0.7	0.8	0.7	0.7
65°	0.8	0.5	0.3	0.6	1.0	1.3	1.4	1.2	1.2	1.3	1.6
62.5°	2.5	2.6	2.3	1.9	1.7	1.9	2.0	2.2	1.9	1.5	2.0
60°	7.6	4.6	6.8	7.2	5.8	5.0	7.5	7.1	3.7	3.2	2.9
57.5°	36.8	30.8	33.8	30.7	21.0	18.4	19.0	18.2	16.4	10.1	4.3
55°	126.9	108.7	85.4	73.8	71.1	54.4	40.5	33.8	30.7	22.1	14.7
52.5°	161.2	149.8	132.2	107.9	94.9	90.0	76.9	61.6	48.9	39.1	28.1
50°	202.1	205.1	187.0	153.3	140.0	125.6	112.9	95.1	79.1	63.4	46.8
47.5°	329.7	307.1	288.9	263.8	216.1	185.6	165.6	136.5	114.5	95.6	75.1
45°	439.5	413.7	395.9	357.0	306.3	259.2	227.7	191.2	152.3	126.9	108.3
42.5°	517.6	484.1	455.0	423.2	374.8	321.7	278.5	242.3	201.4	160.3	135.6
40°	593.9	540.9	512.0	483.6	437.9	378.3	344.7	291.6	248.9	203.4	169.5
37.5°	707.9	617.7	607.5	580.1	528.4	466.4	428.6	376.3	297.0	254.1	215.2
35°	900.3	807.5	753.9	727.0	660.1	581.0	518.8	469.9	391.3	306.7	261.9
32.5°	1112.4	994.9	913.6	875.2	803.4	696.2	619.4	557.1	478.3	382.6	310.8
30°	1232.3	1125.1	1027.1	961.5	891.7	799.5	711.5	623.6	537.9	458.7	363.7
27.5°	1343.7	1210.1	1104.4	1030.4	965.1	876.4	779.0	684.8	590.7	512.4	427.6
25°	1449.9	1301.8	1186.7	1099.8	1023.8	953.6	843.4	740.5	642.3	555.9	489.5
22.5°	1548.8	1411.3	1278.7	1165.1	1100.7	1025.4	916.7	792.1	696.2	623.4	545.4
20°	1711.7	1557.8	1389.8	1291.6	1231.7	1115.4	992.4	869.2	781.1	697.8	606.0
17.5°	1980.3	1788.3	1587.3	1482.1	1397.3	1254.7	1098.0	975.7	865.8	772.9	671.9
15°	2274.3	2027.1	1828.1	1692.1	1557.8	1390.7	1209.4	1077.3	952.3	847.8	732.5
12.5°	2419.6	2184.3	2008.2	1816.7	1643.4	1492.0	1320.4	1174.7	1032.9	896.8	770.0
10°	2506.3	2272.5	2073.3	1882.1	1708.4	1562.7	1403.4	1230.8	1073.2	929.2	801.2
7.5°	2573.8	2332.8	2120.7	1930.3	1754.3	1600.7	1448.2	1267.2	1105.4	955.3	826.3
5°	2620.4	2379.8	2164.7	1972.3	1787.0	1627.9	1481.4	1294.8	1129.5	975.2	845.4
2.5°	2668.6	2416.3	2192.3	1999.4	1807.8	1645.2	1501.6	1315.9	1149.0	990.0	861.3
0°	2687.4	2437.4	2211.6	2013.6	1819.5	1652.0	1507.4	1329.7	1162.2	998.6	871.7
-2.5°	2699.5	2444.3	2219.1	2022.8	1835.0	1662.9	1514.0	1345.2	1166.4	1007.9	874.6
-5°	2681.1	2436.2	2212.7	2015.2	1835.3	1663.7	1509.4	1347.5	1165.4	1010.3	872.3
-7.5°	2658.6	2414.7	2188.7	1994.9	1822.0	1652.2	1495.7	1337.5	1161.4	1006.3	868.0
-10°	2620.6	2380.5	2165.3	1973.9	1798.7	1627.8	1475.8	1318.4	1148.4	994.8	858.0
-12.5°	2569.9	2337.2	2124.7	1935.4	1767.4	1602.6	1453.8	1291.9	1126.3	975.6	842.0
-15°	2502.8	2280.6	2074.5	1890.0	1727.4	1569.9	1421.1	1262.6	1104.7	952.0	820.1
-17.5°	2429.5	2205.9	2003.0	1829.1	1674.9	1525.6	1379.6	1231.9	1079.8	929.8	800.4
-20°	2346.3	2126.7	1925.6	1757.1	1611.6	1470.1	1335.1	1197.5	1045.3	904.2	779.7



REPORT NUMBER: P626700 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2226.5	2032.5	1848.1	1682.9	1543.8	1414.3	1284.3	1151.2	1000.6	872.3	751.5
-25°	2108.0	1927.6	1762.0	1610.1	1475.8	1352.8	1226.4	1094.4	960.7	834.7	717.1
-27.5°	1992.1	1825.1	1660.0	1523.4	1402.9	1282.7	1163.9	1039.1	916.0	792.5	684.7
-30°	1867.0	1710.8	1561.9	1433.8	1319.6	1208.4	1101.6	985.1	864.0	746.7	649.9
-32.5°	1729.6	1592.5	1461.3	1340.7	1234.0	1135.5	1034.1	923.6	803.9	704.0	609.5
-35°	1596.2	1469.6	1356.5	1250.0	1153.2	1063.1	964.9	854.3	749.2	655.4	563.9
-37.5°	1476.9	1353.6	1248.7	1157.1	1076.2	990.7	892.9	794.7	695.9	601.4	521.5
-40°	1353.4	1238.3	1145.2	1070.7	993.3	916.3	830.2	738.9	641.4	549.1	479.8
-42.5°	1233.7	1140.9	1049.1	974.4	905.0	842.0	769.4	677.2	587.6	507.4	440.8
-45°	1116.5	1032.1	948.3	880.3	822.5	763.5	698.5	614.8	534.3	465.4	402.6
-47.5°	996.0	925.0	855.1	791.8	740.2	682.9	620.2	549.2	483.3	421.2	365.6
-50°	880.4	822.8	766.2	711.4	659.2	603.2	547.2	489.9	431.0	376.9	326.5
-52.5°	771.5	723.8	676.0	628.0	582.4	533.4	481.8	430.8	379.0	333.8	288.8
-55°	669.1	628.2	590.3	551.8	513.4	469.2	422.5	376.6	335.4	293.9	257.1
-57.5°	578.4	542.5	512.4	480.9	448.4	409.3	369.4	330.7	296.4	262.0	228.0
-60°	498.3	467.0	441.1	413.7	384.9	352.2	320.6	289.8	260.2	232.2	202.9
-62.5°	422.6	397.3	374.1	350.9	327.4	302.7	275.6	250.8	227.9	204.2	177.8
-65°	351.0	331.2	311.7	293.0	273.7	253.8	232.3	212.7	193.9	174.8	151.9
-67.5°	285.8	270.3	254.5	238.8	223.8	208.0	191.6	175.2	160.0	144.3	125.7
-70°	230.1	218.4	206.1	193.0	180.6	168.2	155.5	142.3	128.3	115.6	102.8
-72.5°	185.7	177.3	168.1	157.5	146.3	135.6	125.3	115.0	104.4	93.5	82.4
-75°	150.0	143.9	136.9	128.0	119.0	109.7	101.1	92.2	82.5	71.9	61.5
-77.5°	118.8	115.0	110.7	103.7	96.6	89.4	81.6	72.0	62.1	52.3	43.8
-80°	89.1	87.3	84.7	78.6	72.5	66.4	59.9	51.5	43.1	35.2	28.8
-82.5°	58.8	57.6	55.9	51.8	47.8	43.8	39.8	33.9	28.3	23.0	18.3
-85°	32.1	31.1	30.0	28.0	26.1	24.2	22.2	19.0	15.9	13.1	10.5
-87.5°	11.7	11.3	10.9	10.5	10.1	9.7	9.3	8.3	7.4	6.4	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: P626700 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.5	3.2	2.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.7
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4
82.5°	0.0	0.0	0.0	0.0	0.2	0.3	0.4	0.3	0.2	0.0	0.1
80°	0.0	0.0	0.0	0.0	0.3	0.7	0.9	0.9	0.7	0.5	0.3
77.5°	0.0	0.0	0.0	0.0	0.1	0.4	0.7	1.2	1.2	0.9	0.6
75°	0.0	0.0	0.0	0.1	0.1	0.0	0.3	0.7	1.1	1.3	1.0
72.5°	0.0	0.0	0.0	0.2	0.3	0.4	0.2	0.2	0.8	1.1	1.3
70°	0.2	0.1	0.0	0.2	0.5	0.8	0.7	0.6	0.5	1.0	1.2
67.5°	0.6	0.7	0.5	0.4	0.6	0.9	1.2	1.1	1.0	0.8	1.2
65°	1.5	1.4	1.3	1.1	1.0	1.0	1.3	1.6	1.5	1.3	1.2
62.5°	2.2	2.2	2.0	1.9	1.6	1.4	1.4	1.8	1.9	1.7	1.5
60°	2.9	3.0	2.8	2.6	2.3	2.1	1.9	2.0	2.2	2.1	1.8
57.5°	4.0	3.8	3.8	3.4	3.0	2.7	2.5	2.5	2.5	2.5	2.2
55°	7.0	4.9	4.9	4.5	3.9	3.3	3.2	3.1	3.0	2.9	2.5
52.5°	17.6	9.8	6.3	5.8	5.0	4.1	3.8	3.7	3.5	3.3	2.9
50°	32.5	21.1	12.0	7.5	6.3	5.4	4.5	4.3	4.0	3.8	3.3
47.5°	52.1	36.2	23.5	11.8	8.2	6.8	5.6	4.9	4.6	4.2	3.6
45°	80.2	53.3	37.0	23.4	11.0	9.4	7.0	5.4	5.1	4.7	4.0
42.5°	111.6	78.3	51.9	35.3	21.0	13.0	8.4	6.6	5.6	5.2	4.4
40°	142.4	108.2	69.7	48.7	31.6	17.4	12.1	7.9	6.1	5.7	4.8
37.5°	176.5	139.9	97.7	62.9	42.5	26.6	16.5	9.2	7.0	6.2	5.3
35°	218.6	175.0	125.7	83.9	56.3	35.1	21.5	11.8	8.6	6.7	5.7
32.5°	260.7	210.0	155.9	108.2	70.7	42.9	27.9	16.8	10.5	7.3	6.2
30°	303.1	242.1	184.4	130.8	87.2	55.5	34.8	21.6	12.6	7.9	6.7
27.5°	341.2	272.4	211.0	154.3	106.7	68.8	42.1	26.3	15.0	9.0	7.2
25°	384.3	305.2	237.2	176.8	124.5	82.6	49.6	31.0	18.5	10.8	7.7
22.5°	439.7	338.8	261.6	197.2	142.1	95.9	59.1	37.1	22.3	12.8	8.2
20°	494.8	371.7	285.4	222.7	161.3	110.8	70.2	43.1	25.9	14.8	8.7
17.5°	548.9	413.8	320.0	248.8	181.7	124.7	80.6	49.1	29.3	16.8	9.2
15°	597.4	462.1	354.1	273.5	201.8	137.6	90.1	54.9	32.5	18.8	9.8
12.5°	638.1	503.6	386.2	296.6	221.1	149.4	98.9	60.5	35.4	21.1	10.7
10°	671.7	538.8	415.9	318.0	239.4	160.0	106.8	66.0	38.9	23.5	11.6
7.5°	698.6	567.9	442.9	337.3	256.0	169.9	115.3	71.9	42.3	25.8	12.6
5°	718.8	590.5	463.8	351.2	269.1	179.0	123.1	77.3	45.4	28.0	13.5
2.5°	732.0	607.2	479.3	362.1	279.8	186.7	130.0	82.1	48.3	30.0	14.4
0°	739.7	619.2	491.0	370.5	288.0	192.9	135.8	86.3	50.8	31.7	15.2
-2.5°	746.6	627.0	501.3	385.1	293.6	203.1	139.5	90.1	54.8	33.0	16.8
-5°	748.9	630.5	508.0	396.4	297.0	211.3	142.2	93.1	58.3	34.0	18.2
-7.5°	745.0	628.4	510.4	402.8	298.6	217.1	143.7	95.6	61.2	34.8	19.4
-10°	736.5	621.6	507.2	400.8	300.8	218.9	144.6	97.3	63.2	35.3	20.5
-12.5°	723.7	611.3	500.6	396.6	300.4	217.8	146.9	98.7	64.3	35.8	21.2
-15°	707.1	597.9	490.4	390.3	296.8	215.2	147.5	99.2	64.2	36.5	21.7
-17.5°	687.5	581.5	476.7	382.3	289.8	211.2	146.2	98.6	63.5	37.6	22.2
-20°	667.8	563.4	460.5	372.8	279.1	206.1	142.8	96.8	62.4	38.3	22.6

Classified

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

Scaled Data Report



REPORT NUMBER: P626700 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	644.8	542.7	446.5	359.6	267.6	199.9	137.2	93.7	60.7	38.6	22.8
-25°	618.3	518.4	429.7	341.4	258.6	192.9	131.5	89.3	58.6	38.5	22.8
-27.5°	588.4	492.5	409.8	321.5	249.2	183.2	126.0	86.1	56.7	38.0	22.4
-30°	555.0	468.1	386.1	302.4	237.7	172.7	118.9	82.5	55.9	37.3	21.8
-32.5°	519.1	440.6	360.6	287.8	224.6	161.7	112.6	78.5	54.5	36.4	21.8
-35°	485.3	410.7	334.6	271.0	210.8	155.2	108.4	74.0	52.6	35.1	21.9
-37.5°	449.2	379.3	314.0	253.5	196.2	147.8	105.0	72.0	50.0	33.5	21.9
-40°	414.4	349.5	290.2	236.8	185.4	139.4	99.7	69.7	47.6	31.5	21.6
-42.5°	379.2	321.5	267.4	218.6	175.2	131.3	92.8	66.2	45.6	30.4	21.1
-45°	346.8	292.7	243.2	202.8	163.9	120.9	87.5	61.9	43.2	29.6	20.6
-47.5°	312.8	263.3	221.0	185.4	149.1	109.6	80.8	58.5	40.3	28.5	20.3
-50°	277.7	235.4	200.3	166.3	130.9	100.2	73.6	54.4	39.2	27.7	19.8
-52.5°	246.9	210.9	179.1	146.7	117.2	89.2	68.2	50.0	37.8	26.9	19.1
-55°	220.4	187.7	158.1	130.6	104.2	81.1	62.0	47.9	36.1	26.1	18.2
-57.5°	197.0	166.1	141.0	116.3	93.3	73.3	57.7	45.4	34.3	24.8	17.5
-60°	174.2	148.9	125.5	103.4	83.2	66.6	54.3	42.6	32.1	23.3	16.6
-62.5°	153.2	130.9	110.5	90.5	74.1	61.1	50.4	39.3	29.6	21.3	15.5
-65°	131.2	112.1	94.9	79.2	65.8	54.7	45.4	35.5	26.3	19.0	14.1
-67.5°	108.2	94.2	80.8	67.8	56.8	47.5	39.7	30.5	22.4	16.3	12.3
-70°	90.1	77.8	66.4	56.2	47.3	39.7	32.4	24.7	18.1	14.0	10.5
-72.5°	71.7	61.7	52.4	44.3	37.9	31.4	24.8	18.9	15.0	11.5	8.6
-75°	53.1	46.3	40.2	34.6	28.8	23.2	18.9	15.0	11.8	9.0	7.2
-77.5°	38.5	33.6	29.1	25.6	21.6	17.9	14.3	11.0	9.0	7.5	6.1
-80°	26.2	23.6	21.1	18.6	15.4	12.5	10.3	8.5	7.2	6.0	4.9
-82.5°	16.5	15.1	13.9	12.6	10.8	9.1	7.7	6.4	5.4	4.5	4.0
-85°	9.8	9.0	8.3	7.6	6.6	5.7	5.3	4.9	4.5	4.0	3.6
-87.5°	5.5	5.4	5.3	5.2	5.0	4.7	4.5	4.3	4.0	3.6	3.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6	1.0

Classified

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Scaled Data Report



REPORT NUMBER: P626700 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	2.5	2.2	1.9	1.6	1.3	1.3	1.3
87.5°	1.0	1.1	1.2	1.3	1.3	1.3	1.3
85°	0.6	0.9	1.1	1.2	1.3	1.3	1.3
82.5°	0.3	0.7	1.0	1.2	1.3	1.3	1.3
80°	0.1	0.5	0.9	1.1	1.3	1.3	1.3
77.5°	0.4	0.4	0.8	1.1	1.3	1.3	1.3
75°	0.7	0.6	0.7	1.1	1.3	1.3	1.3
72.5°	1.0	0.8	0.8	1.0	1.3	1.3	1.3
70°	1.3	1.0	0.9	1.0	1.3	1.3	1.3
67.5°	1.3	1.2	1.0	1.1	1.3	1.3	1.3
65°	1.4	1.3	1.1	1.1	1.3	1.3	1.3
62.5°	1.4	1.4	1.2	1.2	1.3	1.3	1.3
60°	1.5	1.5	1.3	1.2	1.3	1.3	1.3
57.5°	1.8	1.7	1.4	1.2	1.3	1.3	1.3
55°	2.1	1.8	1.5	1.3	1.3	1.3	1.3
52.5°	2.4	1.9	1.7	1.3	1.4	1.3	1.3
50°	2.7	2.2	1.8	1.3	1.4	1.3	1.3
47.5°	3.0	2.4	1.9	1.3	1.4	1.3	1.3
45°	3.3	2.7	2.1	1.4	1.4	1.3	1.3
42.5°	3.6	2.9	2.2	1.5	1.5	1.3	1.3
40°	3.9	3.2	2.4	1.7	1.5	1.3	1.3
37.5°	4.2	3.4	2.6	1.9	1.6	1.3	1.3
35°	4.5	3.6	2.8	2.0	1.6	1.3	1.3
32.5°	4.8	3.8	2.9	2.2	1.7	1.3	1.3
30°	5.2	4.0	3.1	2.3	1.7	1.3	1.3
27.5°	5.5	4.2	3.3	2.5	1.8	1.3	1.3
25°	5.9	4.4	3.5	2.6	1.9	1.3	1.3
22.5°	6.3	4.6	3.7	2.8	1.9	1.3	1.3
20°	6.6	4.9	3.9	2.9	2.0	1.3	1.3
17.5°	7.0	5.1	4.1	3.0	2.1	1.3	1.3
15°	7.3	5.3	4.2	3.2	2.1	1.3	1.3
12.5°	7.7	5.5	4.4	3.3	2.2	1.3	1.3
10°	8.0	5.7	4.6	3.4	2.3	1.3	1.3
7.5°	8.2	5.8	4.7	3.5	2.3	1.3	1.3
5°	8.5	6.0	4.9	3.6	2.4	1.3	1.3
2.5°	8.7	6.2	5.0	3.7	2.4	1.3	1.3
0°	8.9	6.3	5.1	3.8	2.5	1.3	1.3
-2.5°	9.4	6.4	5.2	3.8	2.5	1.3	1.3
-5°	9.8	6.6	5.3	3.8	2.5	1.3	1.3
-7.5°	10.2	6.7	5.4	3.8	2.5	1.3	1.3
-10°	10.6	6.8	5.4	3.7	2.5	1.3	1.3
-12.5°	10.8	6.9	5.4	3.7	2.4	1.3	1.3
-15°	11.0	6.9	5.5	3.7	2.4	1.3	1.3
-17.5°	11.0	7.0	5.4	3.6	2.4	1.3	1.3
-20°	11.3	7.0	5.4	3.6	2.4	1.3	1.3

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REPORT NUMBER: P626700 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	12.0	7.1	5.3	3.5	2.3	1.3	1.3
-25°	12.6	7.5	5.2	3.4	2.3	1.3	1.3
-27.5°	13.1	8.1	5.1	3.4	2.2	1.3	1.3
-30°	13.4	8.6	5.0	3.3	2.2	1.3	1.3
-32.5°	13.6	9.0	5.2	3.2	2.1	1.3	1.3
-35°	13.9	9.4	5.3	3.1	2.1	1.3	1.3
-37.5°	14.3	9.6	5.4	3.0	2.0	1.3	1.3
-40°	14.5	9.7	5.5	2.9	1.9	1.3	1.3
-42.5°	14.6	9.7	5.5	2.8	1.9	1.3	1.3
-45°	14.5	9.6	5.5	2.8	1.8	1.3	1.3
-47.5°	14.3	9.5	5.5	2.8	1.7	1.3	1.3
-50°	14.0	9.3	5.4	2.8	1.6	1.3	1.3
-52.5°	13.6	9.0	5.2	2.7	1.6	1.3	1.3
-55°	13.1	8.6	5.0	2.7	1.5	1.3	1.3
-57.5°	12.6	8.1	4.7	2.6	1.4	1.3	1.3
-60°	11.9	7.6	4.4	2.5	1.3	1.3	1.3
-62.5°	10.9	6.9	4.1	2.3	1.3	1.3	1.3
-65°	9.8	6.2	3.9	2.2	1.3	1.3	1.3
-67.5°	8.6	5.6	3.6	2.0	1.3	1.3	1.3
-70°	7.3	5.1	3.3	1.9	1.3	1.3	1.3
-72.5°	6.5	4.5	2.9	1.8	1.3	1.3	1.3
-75°	5.6	3.9	2.5	1.8	1.3	1.3	1.3
-77.5°	4.8	3.3	2.4	1.8	1.3	1.3	1.3
-80°	3.9	3.0	2.3	1.7	1.3	1.3	1.3
-82.5°	3.5	2.8	2.2	1.7	1.3	1.3	1.3
-85°	3.2	2.6	2.1	1.7	1.3	1.3	1.3
-87.5°	2.8	2.4	2.0	1.6	1.3	1.3	1.3
-90°	1.3	1.3	1.3	1.3	1.3	1.3	1.3

(END OF REPORT)