

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: P626762 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-750-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626762 (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-750-U-WR-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (16) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

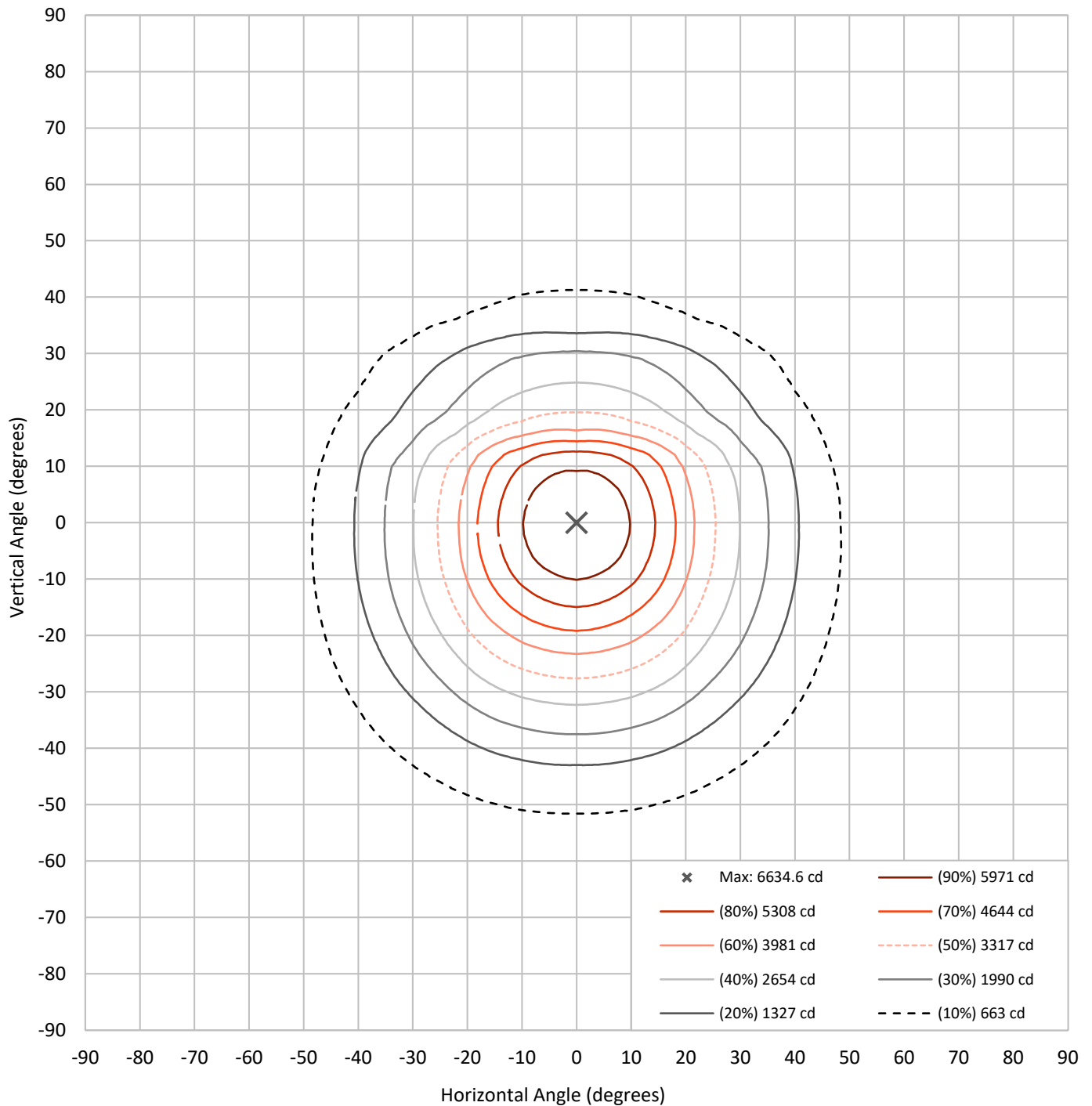
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	5853.2 lumens	Max Intensity:	6634.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	102.1 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:	2818 lumens	Field Lumens:	5240.6 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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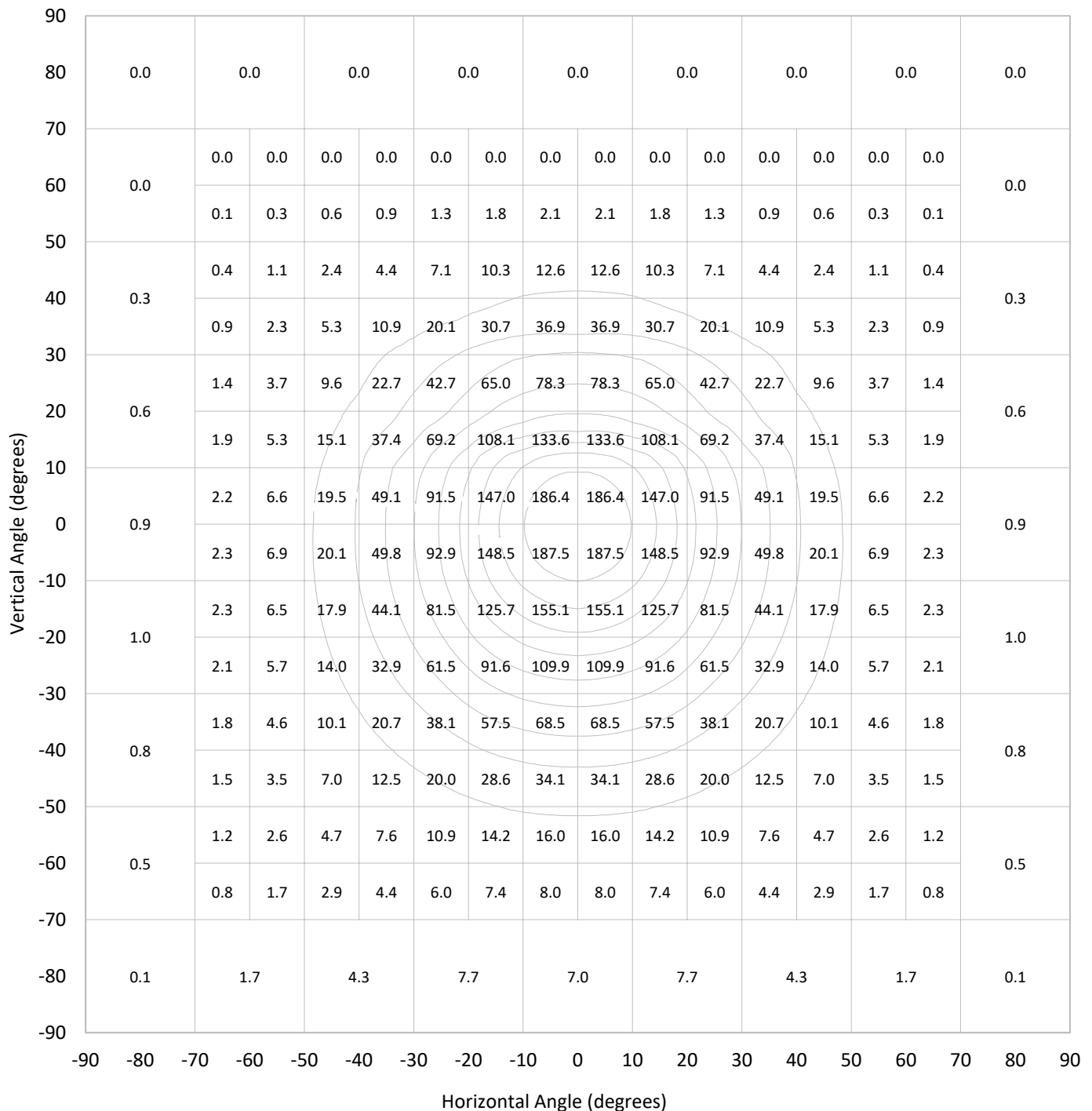
Iso-Candela Plot





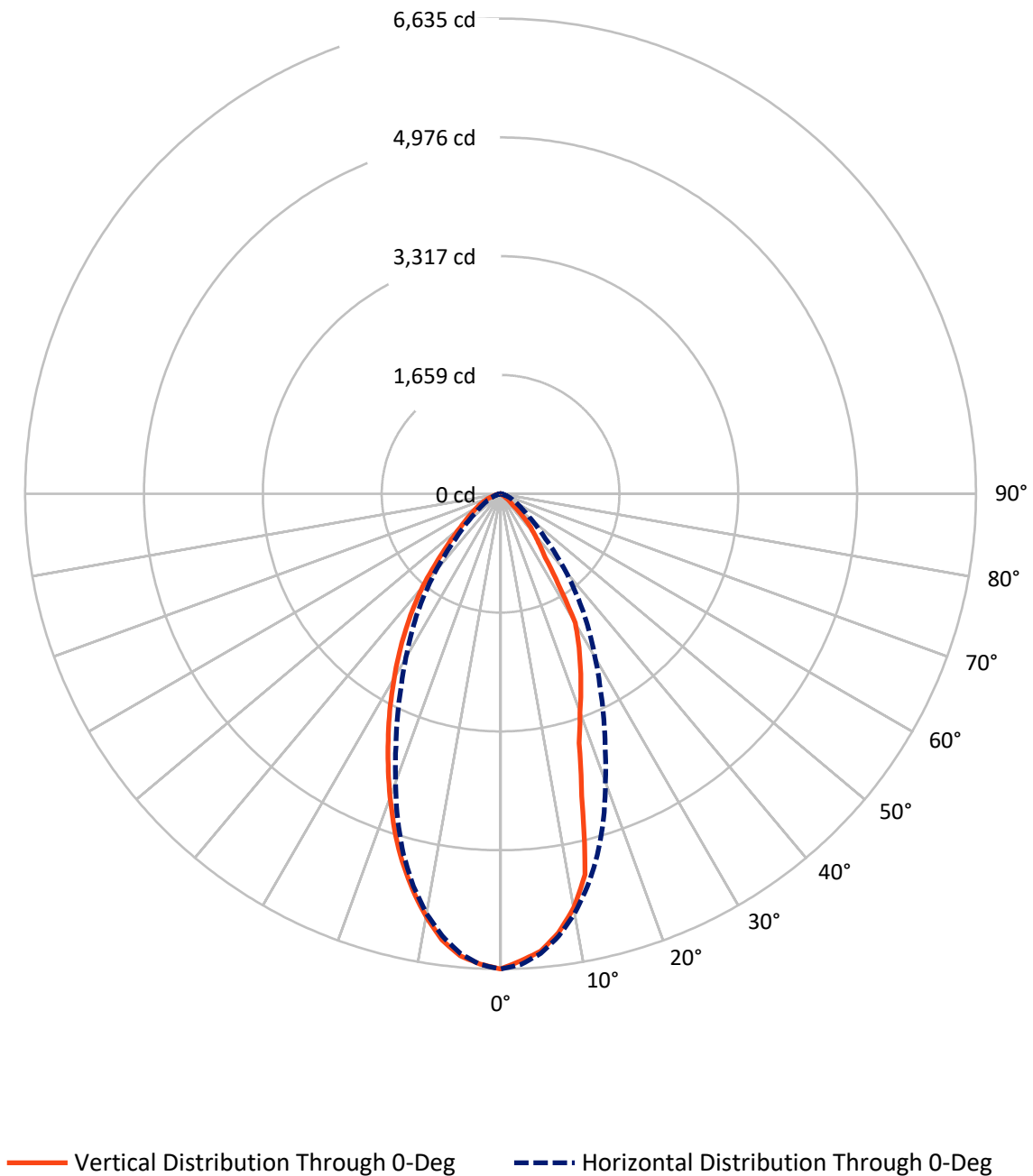
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Lumen Table



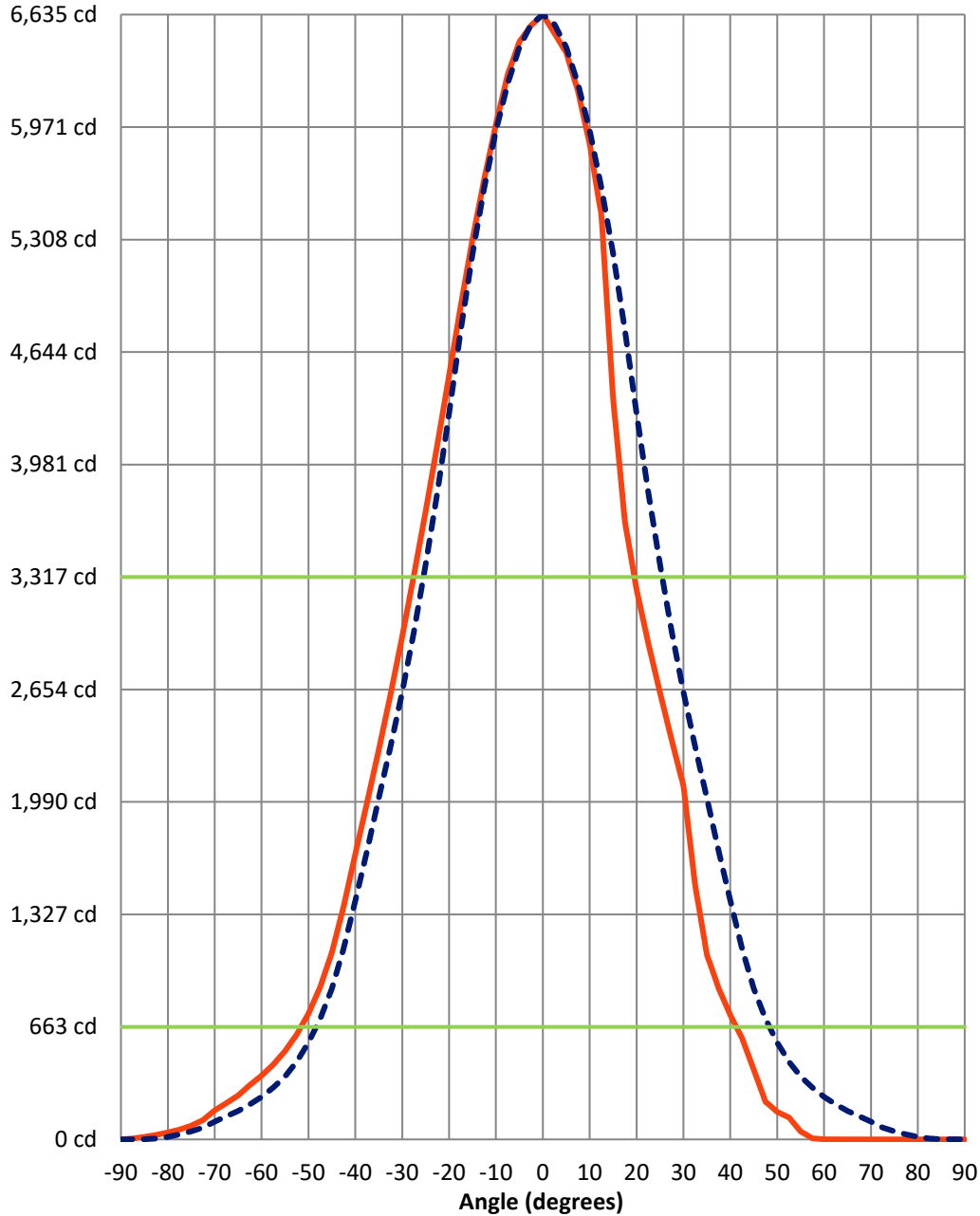
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 2818
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 5240.6
 Efficiency: 89.5%

Spill:
 Lumens: 612.6
 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	0.6	0.6	0.5	0.7	0.8	0.9
62.5°	0.0	0.2	0.5	0.5	0.5	0.7	0.7	0.7	0.9	1.3	2.0
60°	0.0	0.2	0.5	0.5	0.5	0.8	0.8	0.9	1.1	3.1	3.4
57.5°	0.0	0.3	0.5	0.5	0.6	0.9	1.3	1.2	3.1	5.3	5.8
55°	0.0	0.3	0.5	0.5	0.8	1.1	2.0	1.8	5.7	8.0	9.0
52.5°	0.0	0.3	0.5	0.5	0.9	1.3	2.7	4.4	8.5	11.9	12.8
50°	0.0	0.3	0.5	0.5	1.1	2.1	3.6	7.4	11.8	16.1	19.5
47.5°	0.0	0.3	0.5	0.5	1.2	3.0	4.8	10.3	16.3	20.8	26.4
45°	0.0	0.4	0.5	0.7	1.4	3.9	7.4	13.3	20.7	27.0	33.3
42.5°	0.0	0.4	0.6	0.8	1.6	4.9	9.9	16.8	25.1	33.0	40.9
40°	0.0	0.4	0.6	1.0	2.1	6.0	12.5	20.6	29.7	39.0	48.8
37.5°	0.0	0.4	0.6	1.2	2.9	7.1	15.0	24.4	34.7	45.1	57.0
35°	0.0	0.4	0.6	1.4	3.7	8.8	17.5	28.1	39.7	52.3	65.8
32.5°	0.0	0.4	0.6	1.6	4.5	10.7	20.1	31.8	44.6	59.8	75.8
30°	0.0	0.4	0.6	1.9	5.4	12.7	23.1	35.5	49.6	67.4	85.8
27.5°	0.0	0.4	0.7	2.1	6.3	14.5	26.0	39.6	55.1	75.2	95.9
25°	0.0	0.5	0.7	2.4	7.3	16.3	28.8	43.6	61.4	83.5	105.9
22.5°	0.0	0.5	0.7	2.7	8.2	18.1	31.4	47.5	67.7	91.8	116.1
20°	0.0	0.5	0.7	3.0	9.1	19.8	34.0	51.2	73.9	100.0	125.8
17.5°	0.0	0.5	0.8	3.3	10.0	21.4	36.3	54.8	79.9	108.0	135.0
15°	0.0	0.5	0.8	3.6	10.8	22.9	38.5	58.0	85.6	115.6	143.7
12.5°	0.0	0.5	0.8	3.9	11.6	24.3	40.4	60.7	90.5	122.9	151.8
10°	0.0	0.5	0.8	4.2	12.3	25.6	42.2	63.1	94.3	127.2	158.2
7.5°	0.0	0.5	0.8	4.5	13.0	26.7	43.8	65.2	97.6	130.5	161.6
5°	0.0	0.5	0.9	4.7	13.6	27.7	45.2	67.0	100.5	133.2	164.3
2.5°	0.0	0.5	0.9	5.0	14.2	28.6	46.4	68.5	102.9	135.1	166.4
0°	0.0	0.5	0.9	5.2	14.7	29.4	47.4	69.7	104.7	136.5	167.8
-2.5°	0.0	0.5	1.0	5.5	15.4	30.3	48.7	71.7	106.8	138.5	170.0
-5°	0.0	0.6	1.2	5.8	16.0	31.1	49.8	73.4	108.3	139.9	171.6
-7.5°	0.0	0.6	1.3	6.1	16.5	31.7	50.6	74.7	109.2	140.8	172.5
-10°	0.0	0.6	1.5	6.3	16.9	32.2	51.2	75.6	109.6	141.1	172.8
-12.5°	0.0	0.6	1.6	6.5	17.2	32.5	51.6	76.1	109.5	140.9	172.0
-15°	0.0	0.7	1.7	6.7	17.4	32.7	51.7	76.2	108.7	139.7	170.3
-17.5°	0.0	0.7	1.8	6.8	17.5	32.6	51.5	76.1	107.3	138.0	168.0
-20°	0.0	0.7	1.9	6.9	17.4	32.4	51.4	75.7	105.5	135.9	165.1

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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	7.0	17.3	32.1	51.4	75.1	103.4	133.4	161.5
-25°	0.0	0.7	2.1	7.0	17.0	32.0	51.2	74.0	101.1	130.6	157.3
-27.5°	0.0	0.7	2.2	6.9	16.6	31.8	50.7	72.7	98.4	127.3	153.4
-30°	0.0	0.7	2.2	6.8	16.1	31.5	49.9	71.1	96.1	123.6	149.2
-32.5°	0.0	0.7	2.3	6.7	15.9	30.9	48.9	69.8	93.8	119.7	144.7
-35°	0.0	0.7	2.3	6.5	15.6	30.2	48.0	68.3	91.2	115.7	140.0
-37.5°	0.0	0.7	2.3	6.3	15.1	29.4	46.9	66.6	88.3	111.7	134.4
-40°	0.0	0.7	2.3	6.0	14.5	28.7	45.5	64.5	85.2	107.8	128.4
-42.5°	0.0	0.7	2.3	5.7	14.1	27.8	43.9	62.2	82.2	102.9	122.1
-45°	0.0	0.7	2.2	5.5	13.8	26.7	42.0	59.7	79.2	97.6	115.5
-47.5°	0.0	0.7	2.2	5.2	13.4	25.4	39.9	57.2	75.8	92.1	109.3
-50°	0.0	0.7	2.1	5.1	12.9	24.0	38.1	54.4	71.3	87.0	103.0
-52.5°	0.0	0.6	2.0	5.0	12.2	22.3	36.1	51.3	66.9	81.8	96.6
-55°	0.0	0.6	1.9	4.9	11.3	21.0	33.8	48.0	62.3	76.4	90.6
-57.5°	0.0	0.6	1.8	4.7	10.4	19.6	31.4	45.0	57.5	70.9	84.4
-60°	0.0	0.6	1.7	4.4	9.3	18.0	28.8	41.4	52.6	65.2	77.9
-62.5°	0.0	0.5	1.6	4.1	8.7	16.2	26.2	37.4	47.7	59.3	71.3
-65°	0.0	0.5	1.5	3.8	7.9	14.2	23.5	33.2	42.5	53.0	64.4
-67.5°	0.0	0.4	1.4	3.3	7.1	12.5	20.5	29.0	37.0	46.4	56.8
-70°	0.0	0.4	1.2	2.9	6.2	10.9	17.3	24.7	31.8	39.5	48.6
-72.5°	0.0	0.4	1.1	2.5	5.2	9.3	14.7	20.2	26.5	33.2	40.3
-75°	0.0	0.3	1.0	2.2	4.1	7.5	12.1	16.5	21.0	26.8	32.9
-77.5°	0.0	0.3	0.8	1.9	3.4	5.7	9.3	13.0	16.7	20.7	25.3
-80°	0.0	0.2	0.7	1.5	2.8	4.3	6.5	9.4	12.4	15.7	19.0
-82.5°	0.0	0.2	0.5	1.2	2.1	3.3	4.8	6.3	8.1	10.6	13.2
-85°	0.0	0.1	0.3	0.8	1.4	2.2	3.2	4.2	5.3	6.6	8.0
-87.5°	0.0	0.1	0.2	0.4	0.7	1.1	1.6	2.1	2.7	3.3	4.0
-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: P626762 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-750-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	0.9	1.1	1.7	1.3	0.5	0.9	1.1	0.8	0.6	0.6
60°	2.1	1.4	3.7	5.1	3.3	1.8	2.1	4.3	3.5	0.9	2.5
57.5°	4.2	5.2	9.2	9.6	7.4	5.0	11.0	12.1	10.1	6.3	9.1
55°	8.7	12.3	15.5	15.3	15.4	19.4	22.8	22.3	19.7	27.2	34.2
52.5°	16.5	20.2	22.3	24.3	29.8	33.5	34.6	36.7	44.4	53.7	55.3
50°	24.2	28.0	30.9	38.0	43.7	46.6	49.4	56.4	68.1	74.4	75.4
47.5°	32.0	36.3	43.7	51.6	57.1	61.5	66.2	82.2	95.2	100.6	102.6
45°	40.2	47.5	56.8	64.9	71.2	77.2	92.4	114.3	123.5	131.8	152.9
42.5°	48.7	59.6	70.1	78.6	85.8	98.2	119.4	140.7	153.8	171.4	196.9
40°	59.4	71.8	83.9	92.5	101.5	120.3	146.6	169.1	183.0	206.6	235.6
37.5°	70.4	84.8	97.9	107.0	119.6	145.0	175.9	202.9	220.1	239.4	285.9
35°	81.2	98.1	111.6	123.8	139.3	174.4	212.5	242.4	263.7	296.7	355.7
32.5°	92.8	111.7	125.4	142.0	167.5	206.8	253.5	286.8	322.1	369.5	464.0
30°	105.1	124.4	140.2	160.1	194.3	240.2	294.4	336.2	384.2	461.2	563.0
27.5°	117.4	137.0	156.5	181.8	219.4	268.9	325.5	391.5	453.5	539.6	650.9
25°	129.1	149.9	172.4	203.1	243.7	295.6	357.4	433.5	514.4	612.9	743.5
22.5°	140.4	163.0	189.3	222.3	264.3	320.9	394.6	484.0	581.2	683.2	833.3
20°	151.4	177.6	207.8	244.7	283.2	344.2	431.0	539.2	661.0	800.8	947.9
17.5°	162.3	192.0	226.9	268.0	314.5	377.0	468.3	597.1	745.4	927.2	1108.5
15°	173.0	206.1	245.4	290.9	346.1	420.8	524.5	666.1	845.3	1063.0	1277.7
12.5°	183.3	219.8	263.1	313.3	376.8	462.1	577.5	730.3	935.5	1195.6	1459.3
10°	193.2	233.0	280.0	335.0	406.2	500.5	624.3	785.8	1003.6	1271.7	1565.0
7.5°	198.3	241.9	294.4	355.5	433.9	535.7	665.1	832.7	1056.8	1332.9	1626.9
5°	201.9	246.0	299.8	363.8	449.2	559.7	696.3	871.1	1096.0	1378.9	1668.9
2.5°	204.7	248.9	303.7	368.4	455.2	567.7	706.6	884.4	1117.0	1402.9	1693.4
0°	206.6	250.7	306.1	371.1	458.3	571.5	711.3	890.0	1126.0	1408.4	1702.3
-2.5°	208.6	253.1	308.7	375.2	462.6	576.8	716.6	893.9	1132.7	1409.9	1707.1
-5°	209.8	254.4	309.7	377.2	464.0	577.8	716.2	890.2	1127.3	1398.9	1696.6
-7.5°	210.1	254.6	309.2	376.8	462.2	573.3	708.7	879.0	1108.9	1376.5	1671.0
-10°	209.6	253.5	307.1	373.4	457.0	564.0	695.1	859.8	1078.7	1339.5	1627.7
-12.5°	208.1	251.1	303.5	367.8	448.7	550.8	676.0	832.4	1036.8	1288.1	1566.7
-15°	205.7	247.6	298.2	360.1	437.1	533.7	651.5	796.7	982.8	1222.8	1490.7
-17.5°	202.3	242.9	291.2	350.2	422.3	513.0	621.9	755.0	924.5	1149.8	1406.2
-20°	198.0	237.1	282.7	338.3	405.3	491.3	594.4	718.1	870.0	1066.4	1306.5

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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°	192.7	230.1	273.6	326.8	390.2	468.6	563.6	676.2	808.9	969.9	1197.7
-25°	187.3	223.5	264.8	314.0	372.9	443.0	528.4	631.0	751.1	898.5	1086.9
-27.5°	182.0	215.8	254.7	299.3	353.6	416.5	495.4	588.9	695.9	821.2	974.6
-30°	176.0	207.3	243.5	283.9	335.0	393.5	461.6	541.8	636.9	750.2	883.5
-32.5°	169.4	198.1	232.6	270.6	315.2	368.4	427.3	499.8	582.6	676.0	791.3
-35°	162.9	190.2	221.5	256.2	293.9	343.7	397.8	458.0	528.4	611.1	703.3
-37.5°	156.6	181.7	209.6	241.9	277.3	318.6	366.5	420.8	481.4	547.2	626.9
-40°	149.6	172.4	198.9	228.2	259.4	295.3	338.4	384.5	436.7	494.6	556.1
-42.5°	142.0	164.0	188.1	213.3	242.0	274.0	309.8	352.0	395.3	443.8	497.5
-45°	134.6	154.7	176.8	199.9	224.0	252.2	284.7	319.8	358.3	397.9	443.0
-47.5°	126.8	145.1	165.7	185.8	207.2	231.3	258.8	290.7	322.7	358.0	392.9
-50°	118.9	136.2	153.4	172.2	191.4	211.4	234.7	262.2	291.4	320.6	351.3
-52.5°	111.9	126.8	142.4	158.5	176.0	193.8	213.2	235.9	261.4	287.2	313.7
-55°	104.7	118.5	131.3	145.8	160.9	177.0	194.3	213.3	232.6	256.0	278.9
-57.5°	97.7	109.9	121.1	133.4	146.8	160.5	176.1	192.3	209.8	227.5	246.2
-60°	90.7	101.0	111.2	121.8	133.1	145.2	157.8	172.0	187.0	202.4	218.6
-62.5°	83.4	91.8	100.8	110.5	120.4	129.7	140.3	151.9	164.3	177.5	191.2
-65°	75.3	82.3	89.7	98.2	107.5	115.1	123.1	131.8	142.1	153.0	163.7
-67.5°	66.6	72.8	78.9	85.1	92.7	99.5	106.1	113.1	120.7	129.6	138.2
-70°	57.0	63.1	68.5	73.7	78.5	83.3	88.9	94.4	100.6	108.6	116.4
-72.5°	47.2	52.9	58.0	62.4	65.8	68.7	72.1	76.1	82.0	89.4	96.3
-75°	38.1	42.8	47.6	51.8	54.0	54.8	55.5	57.6	63.6	71.2	77.9
-77.5°	29.7	33.8	37.6	41.3	42.9	43.5	43.8	43.7	48.1	54.6	61.5
-80°	21.9	24.7	28.0	31.2	32.1	32.4	32.4	32.2	35.8	40.5	45.4
-82.5°	15.2	17.2	19.3	21.5	21.8	21.6	21.3	21.0	23.9	27.3	30.7
-85°	8.9	9.7	11.0	12.3	12.5	12.4	12.2	11.8	13.4	15.2	17.2
-87.5°	4.4	4.9	5.3	5.7	5.6	5.3	5.0	4.7	5.1	5.6	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



REPORT NUMBER: P626762 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-750-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°	2.7	1.5	1.6	2.0	1.7	0.8	1.6	2.0	1.8	1.4	1.2
57.5°	13.6	11.4	7.9	13.3	13.7	9.5	10.4	13.5	13.1	10.2	10.1
55°	34.3	34.8	37.3	40.7	43.2	44.4	45.4	50.5	55.9	61.2	63.9
52.5°	56.6	63.2	71.5	77.0	80.8	88.6	99.5	104.5	109.4	114.9	118.9
50°	83.4	94.9	103.2	104.4	117.4	125.8	127.7	137.2	147.4	153.8	158.4
47.5°	124.0	138.6	145.8	150.4	166.2	183.5	183.6	189.0	214.6	228.1	234.5
45°	178.6	190.8	203.5	236.6	267.1	276.7	297.4	325.4	343.6	368.7	396.2
42.5°	225.2	248.0	279.9	316.3	346.9	372.3	403.0	436.7	477.1	515.1	547.9
40°	271.2	299.4	338.9	378.6	417.1	452.3	501.8	545.0	592.7	645.0	688.6
37.5°	331.2	367.4	408.2	458.2	518.1	557.1	625.2	687.4	741.1	804.3	843.2
35°	423.5	470.6	506.7	607.8	680.6	726.3	806.9	909.1	948.4	1027.9	1065.7
32.5°	539.5	602.0	697.2	831.1	928.3	1012.4	1132.9	1236.6	1325.0	1404.9	1488.0
30°	669.8	766.3	906.7	1084.5	1183.2	1301.0	1464.0	1587.0	1725.6	1877.9	1931.2
27.5°	788.1	932.6	1095.5	1239.6	1381.3	1528.1	1688.2	1846.2	1996.3	2122.9	2208.0
25°	897.7	1072.7	1231.1	1385.0	1538.6	1703.9	1885.0	2064.2	2229.3	2359.7	2458.8
22.5°	1010.7	1195.7	1365.1	1521.3	1699.9	1887.3	2079.8	2285.4	2473.3	2608.5	2716.5
20°	1117.0	1322.7	1516.0	1693.8	1862.7	2078.9	2300.7	2518.7	2723.4	2884.4	3008.9
17.5°	1285.7	1464.3	1700.5	1931.5	2121.8	2320.4	2616.7	2841.7	3068.9	3261.8	3393.7
15°	1492.9	1689.3	1933.2	2250.5	2511.2	2738.7	3044.9	3410.9	3678.8	3925.1	4093.9
12.5°	1700.3	1922.4	2186.2	2543.3	2914.4	3182.5	3553.9	4017.7	4329.8	4711.0	4898.9
10°	1859.2	2138.2	2409.8	2735.7	3092.1	3473.8	3874.2	4308.2	4725.1	5052.5	5345.1
7.5°	1923.2	2220.3	2534.8	2867.3	3223.7	3617.7	4044.4	4495.9	4925.0	5290.6	5612.2
5°	1971.1	2275.5	2592.0	2932.0	3313.0	3724.4	4157.5	4631.6	5069.7	5461.6	5790.6
2.5°	2001.5	2308.7	2623.9	2969.6	3370.2	3793.9	4240.9	4727.5	5172.3	5575.7	5903.7
0°	2013.1	2316.0	2638.7	2994.6	3391.2	3815.9	4282.2	4774.6	5222.9	5612.9	5950.3
-2.5°	2014.7	2309.2	2639.6	2993.8	3373.4	3801.9	4273.9	4762.2	5201.3	5589.8	5930.2
-5°	1998.9	2293.3	2624.0	2972.8	3352.9	3778.2	4229.9	4701.8	5120.6	5498.7	5826.5
-7.5°	1966.9	2260.4	2583.8	2924.6	3294.4	3707.0	4140.8	4579.5	4990.5	5353.0	5665.8
-10°	1919.3	2206.7	2518.9	2851.0	3200.9	3593.3	4007.0	4426.1	4811.4	5146.8	5436.0
-12.5°	1854.9	2135.7	2433.8	2750.8	3076.5	3450.7	3841.2	4234.8	4586.1	4892.2	5151.7
-15°	1771.2	2045.5	2334.1	2633.9	2949.8	3288.1	3638.6	3999.7	4323.6	4595.1	4832.2
-17.5°	1672.7	1938.6	2212.8	2490.7	2790.4	3107.8	3433.2	3757.3	4033.6	4274.8	4491.6
-20°	1562.8	1819.0	2079.5	2338.5	2610.4	2904.0	3204.6	3489.2	3730.7	3949.8	4148.2



REPORT NUMBER: P626762 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-750-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°	1439.6	1684.9	1934.5	2176.9	2422.1	2688.0	2956.4	3213.8	3439.6	3627.1	3799.5
-25°	1307.7	1534.4	1770.1	1997.4	2223.1	2461.3	2705.1	2941.9	3140.7	3303.4	3445.9
-27.5°	1174.8	1382.0	1589.6	1803.6	2012.2	2232.1	2452.8	2657.4	2835.8	2985.6	3105.3
-30°	1035.1	1220.3	1410.0	1603.6	1802.8	2004.0	2203.4	2382.5	2538.3	2670.1	2773.5
-32.5°	919.1	1059.7	1227.2	1403.0	1589.7	1773.0	1946.4	2109.7	2256.5	2371.6	2459.3
-35°	807.8	927.0	1052.4	1208.0	1368.4	1537.0	1696.6	1842.3	1973.2	2073.7	2156.2
-37.5°	712.2	806.4	912.4	1023.5	1158.0	1297.5	1441.5	1578.5	1695.1	1782.9	1856.6
-40°	629.4	703.8	788.5	876.6	975.5	1075.7	1201.1	1316.7	1412.0	1494.0	1560.8
-42.5°	554.6	617.3	679.9	752.1	826.8	907.3	995.3	1080.8	1154.0	1222.6	1279.3
-45°	490.0	540.1	590.0	645.8	700.6	766.1	829.0	885.1	944.3	995.7	1036.1
-47.5°	433.5	472.6	515.3	557.1	601.1	650.4	697.2	739.9	783.3	820.8	851.0
-50°	383.2	415.6	450.5	483.3	519.0	555.1	589.6	623.6	656.6	685.1	707.4
-52.5°	339.3	367.6	394.8	420.9	449.3	476.0	501.1	529.1	554.8	577.3	592.6
-55°	301.9	325.0	347.3	369.1	390.5	410.8	430.8	452.5	472.4	490.3	501.6
-57.5°	266.8	286.5	305.3	323.1	340.1	356.2	373.0	389.8	405.1	418.6	427.3
-60°	234.8	250.9	267.2	281.7	295.4	308.3	322.4	335.8	348.2	358.6	364.7
-62.5°	205.5	219.9	232.0	243.5	255.2	266.8	276.8	286.7	296.2	304.3	309.5
-65°	174.9	187.1	197.4	206.6	215.0	224.0	232.5	240.3	247.1	252.4	255.7
-67.5°	147.5	156.5	164.7	172.0	179.5	186.7	193.3	199.2	204.3	208.0	210.4
-70°	123.7	130.6	137.3	143.9	150.6	156.2	161.0	165.4	169.4	171.1	171.8
-72.5°	102.8	108.9	114.8	120.7	126.2	130.6	134.1	137.3	140.2	137.7	133.3
-75°	83.8	89.2	94.7	99.9	104.8	108.1	110.8	113.2	115.4	109.9	102.5
-77.5°	68.3	73.0	77.1	81.2	85.2	87.3	89.0	90.6	92.2	86.1	78.5
-80°	50.7	54.5	58.0	61.4	64.7	66.0	66.7	67.2	67.5	62.3	56.3
-82.5°	34.2	36.2	38.1	40.1	42.2	43.2	44.0	44.6	45.1	41.4	37.2
-85°	19.2	19.8	20.3	20.7	21.0	21.7	22.3	22.8	23.4	21.6	19.7
-87.5°	6.6	6.6	6.6	6.5	6.4	6.4	6.4	6.4	6.4	6.1	5.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626762 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-750-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°	1.0	0.6	0.5	0.5	0.5	0.6	1.0	1.2	1.4	1.8	2.0
57.5°	9.5	8.3	7.4	6.6	7.4	8.3	9.5	10.1	10.2	13.1	13.5
55°	62.8	58.5	53.1	46.9	53.1	58.5	62.8	63.9	61.2	55.9	50.5
52.5°	123.1	127.2	129.6	129.4	129.6	127.2	123.1	118.9	114.9	109.4	104.5
50°	162.1	164.3	164.4	162.5	164.4	164.3	162.1	158.4	153.8	147.4	137.2
47.5°	237.4	234.3	228.9	223.2	228.9	234.3	237.4	234.5	228.1	214.6	189.0
45°	414.3	424.3	423.6	410.9	423.6	424.3	414.3	396.2	368.7	343.6	325.4
42.5°	566.2	581.1	591.7	597.1	591.7	581.1	566.2	547.9	515.1	477.1	436.7
40°	713.2	727.6	734.0	733.6	734.0	727.6	713.2	688.6	645.0	592.7	545.0
37.5°	868.4	887.1	896.2	891.9	896.2	887.1	868.4	843.2	804.3	741.1	687.4
35°	1082.0	1099.5	1099.8	1090.9	1099.8	1099.5	1082.0	1065.7	1027.9	948.4	909.1
32.5°	1554.0	1559.8	1514.8	1498.9	1514.8	1559.8	1554.0	1488.0	1404.9	1325.0	1236.6
30°	1984.2	2025.7	2064.3	2083.7	2064.3	2025.7	1984.2	1931.2	1877.9	1725.6	1587.0
27.5°	2272.0	2321.9	2352.9	2354.8	2352.9	2321.9	2272.0	2208.0	2122.9	1996.3	1846.2
25°	2533.8	2589.7	2623.4	2634.9	2623.4	2589.7	2533.8	2458.8	2359.7	2229.3	2064.2
22.5°	2808.1	2873.8	2917.4	2926.3	2917.4	2873.8	2808.1	2716.5	2608.5	2473.3	2285.4
20°	3126.3	3202.9	3244.6	3242.9	3244.6	3202.9	3126.3	3008.9	2884.4	2723.4	2518.7
17.5°	3545.2	3627.3	3663.4	3647.6	3663.4	3627.3	3545.2	3393.7	3261.8	3068.9	2841.7
15°	4267.3	4439.1	4438.4	4369.8	4438.4	4439.1	4267.3	4093.9	3925.1	3678.8	3410.9
12.5°	5158.1	5286.1	5417.4	5445.6	5417.4	5286.1	5158.1	4898.9	4711.0	4329.8	4017.7
10°	5591.5	5761.5	5873.7	5870.7	5873.7	5761.5	5591.5	5345.1	5052.5	4725.1	4308.2
7.5°	5862.7	6050.4	6186.4	6183.5	6186.4	6050.4	5862.7	5612.2	5290.6	4925.0	4495.9
5°	6071.9	6280.2	6400.6	6409.5	6400.6	6280.2	6071.9	5790.6	5461.6	5069.7	4631.6
2.5°	6180.7	6398.0	6542.8	6523.7	6542.8	6398.0	6180.7	5903.7	5575.7	5172.3	4727.5
0°	6226.1	6441.3	6576.3	6634.6	6576.3	6441.3	6226.1	5950.3	5612.9	5222.9	4774.6
-2.5°	6206.3	6415.6	6564.9	6570.6	6564.9	6415.6	6206.3	5930.2	5589.8	5201.3	4762.2
-5°	6099.9	6320.8	6420.8	6474.0	6420.8	6320.8	6099.9	5826.5	5498.7	5120.6	4701.8
-7.5°	5928.4	6094.0	6221.0	6279.7	6221.0	6094.0	5928.4	5665.8	5353.0	4990.5	4579.5
-10°	5661.5	5832.9	5940.3	5988.7	5940.3	5832.9	5661.5	5436.0	5146.8	4811.4	4426.1
-12.5°	5365.9	5521.7	5623.7	5664.5	5623.7	5521.7	5365.9	5151.7	4892.2	4586.1	4234.8
-15°	5036.0	5177.4	5271.4	5310.5	5271.4	5177.4	5036.0	4832.2	4595.1	4323.6	3999.7
-17.5°	4672.9	4796.8	4890.4	4918.6	4890.4	4796.8	4672.9	4491.6	4274.8	4033.6	3757.3
-20°	4299.5	4411.5	4488.6	4505.4	4488.6	4411.5	4299.5	4148.2	3949.8	3730.7	3489.2



REPORT NUMBER: P626762 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-750-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°	3923.2	4015.5	4078.1	4099.2	4078.1	4015.5	3923.2	3799.5	3627.1	3439.6	3213.8
-25°	3555.6	3635.2	3685.6	3704.5	3685.6	3635.2	3555.6	3445.9	3303.4	3140.7	2941.9
-27.5°	3202.0	3276.2	3322.5	3328.7	3322.5	3276.2	3202.0	3105.3	2985.6	2835.8	2657.4
-30°	2854.0	2915.4	2951.0	2966.1	2951.0	2915.4	2854.0	2773.5	2670.1	2538.3	2382.5
-32.5°	2528.8	2582.4	2614.5	2623.0	2614.5	2582.4	2528.8	2459.3	2371.6	2256.5	2109.7
-35°	2221.9	2271.3	2299.8	2297.5	2299.8	2271.3	2221.9	2156.2	2073.7	1973.2	1842.3
-37.5°	1917.5	1963.2	1989.0	1986.6	1989.0	1963.2	1917.5	1856.6	1782.9	1695.1	1578.5
-40°	1615.7	1655.1	1677.8	1683.3	1677.8	1655.1	1615.7	1560.8	1494.0	1412.0	1316.7
-42.5°	1326.5	1362.8	1381.0	1373.8	1381.0	1362.8	1326.5	1279.3	1222.6	1154.0	1080.8
-45°	1064.4	1083.2	1095.5	1103.2	1095.5	1083.2	1064.4	1036.1	995.7	944.3	885.1
-47.5°	873.1	888.6	897.1	898.5	897.1	888.6	873.1	851.0	820.8	783.3	739.9
-50°	724.7	738.0	743.8	742.1	743.8	738.0	724.7	707.4	685.1	656.6	623.6
-52.5°	603.5	611.2	616.4	618.9	616.4	611.2	603.5	592.6	577.3	554.8	529.1
-55°	510.1	516.1	519.6	520.8	519.6	516.1	510.1	501.6	490.3	472.4	452.5
-57.5°	434.6	440.3	442.4	441.7	442.4	440.3	434.6	427.3	418.6	405.1	389.8
-60°	369.3	372.6	375.0	376.3	375.0	372.6	369.3	364.7	358.6	348.2	335.8
-62.5°	313.7	316.8	319.3	320.8	319.3	316.8	313.7	309.5	304.3	296.2	286.7
-65°	258.1	259.4	259.8	259.2	259.8	259.4	258.1	255.7	252.4	247.1	240.3
-67.5°	212.2	213.3	214.1	214.2	214.1	213.3	212.2	210.4	208.0	204.3	199.2
-70°	172.5	173.0	172.4	171.1	172.4	173.0	172.5	171.8	171.1	169.4	165.4
-72.5°	128.8	124.1	119.4	114.2	119.4	124.1	128.8	133.3	137.7	140.2	137.3
-75°	94.7	86.7	83.8	81.0	83.8	86.7	94.7	102.5	109.9	115.4	113.2
-77.5°	70.5	62.2	59.9	57.8	59.9	62.2	70.5	78.5	86.1	92.2	90.6
-80°	50.1	43.6	42.2	40.8	42.2	43.6	50.1	56.3	62.3	67.5	67.2
-82.5°	32.9	28.3	27.4	26.5	27.4	28.3	32.9	37.2	41.4	45.1	44.6
-85°	17.7	15.5	15.1	14.7	15.1	15.5	17.7	19.7	21.6	23.4	22.8
-87.5°	5.5	5.2	5.2	5.2	5.2	5.2	5.5	5.8	6.1	6.4	6.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626762 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-750-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	0.8	1.1
60°	1.6	0.8	1.7	2.0	1.6	1.5	2.7	2.5	0.9	3.5	4.3
57.5°	10.4	9.5	13.7	13.3	7.9	11.4	13.6	9.1	6.3	10.1	12.1
55°	45.4	44.4	43.2	40.7	37.3	34.8	34.3	34.2	27.2	19.7	22.3
52.5°	99.5	88.6	80.8	77.0	71.5	63.2	56.6	55.3	53.7	44.4	36.7
50°	127.7	125.8	117.4	104.4	103.2	94.9	83.4	75.4	74.4	68.1	56.4
47.5°	183.6	183.5	166.2	150.4	145.8	138.6	124.0	102.6	100.6	95.2	82.2
45°	297.4	276.7	267.1	236.6	203.5	190.8	178.6	152.9	131.8	123.5	114.3
42.5°	403.0	372.3	346.9	316.3	279.9	248.0	225.2	196.9	171.4	153.8	140.7
40°	501.8	452.3	417.1	378.6	338.9	299.4	271.2	235.6	206.6	183.0	169.1
37.5°	625.2	557.1	518.1	458.2	408.2	367.4	331.2	285.9	239.4	220.1	202.9
35°	806.9	726.3	680.6	607.8	506.7	470.6	423.5	355.7	296.7	263.7	242.4
32.5°	1132.9	1012.4	928.3	831.1	697.2	602.0	539.5	464.0	369.5	322.1	286.8
30°	1464.0	1301.0	1183.2	1084.5	906.7	766.3	669.8	563.0	461.2	384.2	336.2
27.5°	1688.2	1528.1	1381.3	1239.6	1095.5	932.6	788.1	650.9	539.6	453.5	391.5
25°	1885.0	1703.9	1538.6	1385.0	1231.1	1072.7	897.7	743.5	612.9	514.4	433.5
22.5°	2079.8	1887.3	1699.9	1521.3	1365.1	1195.7	1010.7	833.3	683.2	581.2	484.0
20°	2300.7	2078.9	1862.7	1693.8	1516.0	1322.7	1117.0	947.9	800.8	661.0	539.2
17.5°	2616.7	2320.4	2121.8	1931.5	1700.5	1464.3	1285.7	1108.5	927.2	745.4	597.1
15°	3044.9	2738.7	2511.2	2250.5	1933.2	1689.3	1492.9	1277.7	1063.0	845.3	666.1
12.5°	3553.9	3182.5	2914.4	2543.3	2186.2	1922.4	1700.3	1459.3	1195.6	935.5	730.3
10°	3874.2	3473.8	3092.1	2735.7	2409.8	2138.2	1859.2	1565.0	1271.7	1003.6	785.8
7.5°	4044.4	3617.7	3223.7	2867.3	2534.8	2220.3	1923.2	1626.9	1332.9	1056.8	832.7
5°	4157.5	3724.4	3313.0	2932.0	2592.0	2275.5	1971.1	1668.9	1378.9	1096.0	871.1
2.5°	4240.9	3793.9	3370.2	2969.6	2623.9	2308.7	2001.5	1693.4	1402.9	1117.0	884.4
0°	4282.2	3815.9	3391.2	2994.6	2638.7	2316.0	2013.1	1702.3	1408.4	1126.0	890.0
-2.5°	4273.9	3801.9	3373.4	2993.8	2639.6	2309.2	2014.7	1707.1	1409.9	1132.7	893.9
-5°	4229.9	3778.2	3352.9	2972.8	2624.0	2293.3	1998.9	1696.6	1398.9	1127.3	890.2
-7.5°	4140.8	3707.0	3294.4	2924.6	2583.8	2260.4	1966.9	1671.0	1376.5	1108.9	879.0
-10°	4007.0	3593.3	3200.9	2851.0	2518.9	2206.7	1919.3	1627.7	1339.5	1078.7	859.8
-12.5°	3841.2	3450.7	3076.5	2750.8	2433.8	2135.7	1854.9	1566.7	1288.1	1036.8	832.4
-15°	3638.6	3288.1	2949.8	2633.9	2334.1	2045.5	1771.2	1490.7	1222.8	982.8	796.7
-17.5°	3433.2	3107.8	2790.4	2490.7	2212.8	1938.6	1672.7	1406.2	1149.8	924.5	755.0
-20°	3204.6	2904.0	2610.4	2338.5	2079.5	1819.0	1562.8	1306.5	1066.4	870.0	718.1



REPORT NUMBER: P626762 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-750-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°	2956.4	2688.0	2422.1	2176.9	1934.5	1684.9	1439.6	1197.7	969.9	808.9	676.2
-25°	2705.1	2461.3	2223.1	1997.4	1770.1	1534.4	1307.7	1086.9	898.5	751.1	631.0
-27.5°	2452.8	2232.1	2012.2	1803.6	1589.6	1382.0	1174.8	974.6	821.2	695.9	588.9
-30°	2203.4	2004.0	1802.8	1603.6	1410.0	1220.3	1035.1	883.5	750.2	636.9	541.8
-32.5°	1946.4	1773.0	1589.7	1403.0	1227.2	1059.7	919.1	791.3	676.0	582.6	499.8
-35°	1696.6	1537.0	1368.4	1208.0	1052.4	927.0	807.8	703.3	611.1	528.4	458.0
-37.5°	1441.5	1297.5	1158.0	1023.5	912.4	806.4	712.2	626.9	547.2	481.4	420.8
-40°	1201.1	1075.7	975.5	876.6	788.5	703.8	629.4	556.1	494.6	436.7	384.5
-42.5°	995.3	907.3	826.8	752.1	679.9	617.3	554.6	497.5	443.8	395.3	352.0
-45°	829.0	766.1	700.6	645.8	590.0	540.1	490.0	443.0	397.9	358.3	319.8
-47.5°	697.2	650.4	601.1	557.1	515.3	472.6	433.5	392.9	358.0	322.7	290.7
-50°	589.6	555.1	519.0	483.3	450.5	415.6	383.2	351.3	320.6	291.4	262.2
-52.5°	501.1	476.0	449.3	420.9	394.8	367.6	339.3	313.7	287.2	261.4	235.9
-55°	430.8	410.8	390.5	369.1	347.3	325.0	301.9	278.9	256.0	232.6	213.3
-57.5°	373.0	356.2	340.1	323.1	305.3	286.5	266.8	246.2	227.5	209.8	192.3
-60°	322.4	308.3	295.4	281.7	267.2	250.9	234.8	218.6	202.4	187.0	172.0
-62.5°	276.8	266.8	255.2	243.5	232.0	219.9	205.5	191.2	177.5	164.3	151.9
-65°	232.5	224.0	215.0	206.6	197.4	187.1	174.9	163.7	153.0	142.1	131.8
-67.5°	193.3	186.7	179.5	172.0	164.7	156.5	147.5	138.2	129.6	120.7	113.1
-70°	161.0	156.2	150.6	143.9	137.3	130.6	123.7	116.4	108.6	100.6	94.4
-72.5°	134.1	130.6	126.2	120.7	114.8	108.9	102.8	96.3	89.4	82.0	76.1
-75°	110.8	108.1	104.8	99.9	94.7	89.2	83.8	77.9	71.2	63.6	57.6
-77.5°	89.0	87.3	85.2	81.2	77.1	73.0	68.3	61.5	54.6	48.1	43.7
-80°	66.7	66.0	64.7	61.4	58.0	54.5	50.7	45.4	40.5	35.8	32.2
-82.5°	44.0	43.2	42.2	40.1	38.1	36.2	34.2	30.7	27.3	23.9	21.0
-85°	22.3	21.7	21.0	20.7	20.3	19.8	19.2	17.2	15.2	13.4	11.8
-87.5°	6.4	6.4	6.4	6.5	6.6	6.6	6.6	6.1	5.6	5.1	4.7
-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: P626762 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-750-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	1.3	1.7	1.1	0.9	0.7	2.0	1.3	0.9	0.7
60°	2.1	1.8	3.3	5.1	3.7	1.4	2.1	3.4	3.1	1.1	0.9
57.5°	11.0	5.0	7.4	9.6	9.2	5.2	4.2	5.8	5.3	3.1	1.2
55°	22.8	19.4	15.4	15.3	15.5	12.3	8.7	9.0	8.0	5.7	1.8
52.5°	34.6	33.5	29.8	24.3	22.3	20.2	16.5	12.8	11.9	8.5	4.4
50°	49.4	46.6	43.7	38.0	30.9	28.0	24.2	19.5	16.1	11.8	7.4
47.5°	66.2	61.5	57.1	51.6	43.7	36.3	32.0	26.4	20.8	16.3	10.3
45°	92.4	77.2	71.2	64.9	56.8	47.5	40.2	33.3	27.0	20.7	13.3
42.5°	119.4	98.2	85.8	78.6	70.1	59.6	48.7	40.9	33.0	25.1	16.8
40°	146.6	120.3	101.5	92.5	83.9	71.8	59.4	48.8	39.0	29.7	20.6
37.5°	175.9	145.0	119.6	107.0	97.9	84.8	70.4	57.0	45.1	34.7	24.4
35°	212.5	174.4	139.3	123.8	111.6	98.1	81.2	65.8	52.3	39.7	28.1
32.5°	253.5	206.8	167.5	142.0	125.4	111.7	92.8	75.8	59.8	44.6	31.8
30°	294.4	240.2	194.3	160.1	140.2	124.4	105.1	85.8	67.4	49.6	35.5
27.5°	325.5	268.9	219.4	181.8	156.5	137.0	117.4	95.9	75.2	55.1	39.6
25°	357.4	295.6	243.7	203.1	172.4	149.9	129.1	105.9	83.5	61.4	43.6
22.5°	394.6	320.9	264.3	222.3	189.3	163.0	140.4	116.1	91.8	67.7	47.5
20°	431.0	344.2	283.2	244.7	207.8	177.6	151.4	125.8	100.0	73.9	51.2
17.5°	468.3	377.0	314.5	268.0	226.9	192.0	162.3	135.0	108.0	79.9	54.8
15°	524.5	420.8	346.1	290.9	245.4	206.1	173.0	143.7	115.6	85.6	58.0
12.5°	577.5	462.1	376.8	313.3	263.1	219.8	183.3	151.8	122.9	90.5	60.7
10°	624.3	500.5	406.2	335.0	280.0	233.0	193.2	158.2	127.2	94.3	63.1
7.5°	665.1	535.7	433.9	355.5	294.4	241.9	198.3	161.6	130.5	97.6	65.2
5°	696.3	559.7	449.2	363.8	299.8	246.0	201.9	164.3	133.2	100.5	67.0
2.5°	706.6	567.7	455.2	368.4	303.7	248.9	204.7	166.4	135.1	102.9	68.5
0°	711.3	571.5	458.3	371.1	306.1	250.7	206.6	167.8	136.5	104.7	69.7
-2.5°	716.6	576.8	462.6	375.2	308.7	253.1	208.6	170.0	138.5	106.8	71.7
-5°	716.2	577.8	464.0	377.2	309.7	254.4	209.8	171.6	139.9	108.3	73.4
-7.5°	708.7	573.3	462.2	376.8	309.2	254.6	210.1	172.5	140.8	109.2	74.7
-10°	695.1	564.0	457.0	373.4	307.1	253.5	209.6	172.8	141.1	109.6	75.6
-12.5°	676.0	550.8	448.7	367.8	303.5	251.1	208.1	172.0	140.9	109.5	76.1
-15°	651.5	533.7	437.1	360.1	298.2	247.6	205.7	170.3	139.7	108.7	76.2
-17.5°	621.9	513.0	422.3	350.2	291.2	242.9	202.3	168.0	138.0	107.3	76.1
-20°	594.4	491.3	405.3	338.3	282.7	237.1	198.0	165.1	135.9	105.5	75.7

Classified

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

Scaled Data Report



REPORT NUMBER: P626762 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-750-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°	563.6	468.6	390.2	326.8	273.6	230.1	192.7	161.5	133.4	103.4	75.1
-25°	528.4	443.0	372.9	314.0	264.8	223.5	187.3	157.3	130.6	101.1	74.0
-27.5°	495.4	416.5	353.6	299.3	254.7	215.8	182.0	153.4	127.3	98.4	72.7
-30°	461.6	393.5	335.0	283.9	243.5	207.3	176.0	149.2	123.6	96.1	71.1
-32.5°	427.3	368.4	315.2	270.6	232.6	198.1	169.4	144.7	119.7	93.8	69.8
-35°	397.8	343.7	293.9	256.2	221.5	190.2	162.9	140.0	115.7	91.2	68.3
-37.5°	366.5	318.6	277.3	241.9	209.6	181.7	156.6	134.4	111.7	88.3	66.6
-40°	338.4	295.3	259.4	228.2	198.9	172.4	149.6	128.4	107.8	85.2	64.5
-42.5°	309.8	274.0	242.0	213.3	188.1	164.0	142.0	122.1	102.9	82.2	62.2
-45°	284.7	252.2	224.0	199.9	176.8	154.7	134.6	115.5	97.6	79.2	59.7
-47.5°	258.8	231.3	207.2	185.8	165.7	145.1	126.8	109.3	92.1	75.8	57.2
-50°	234.7	211.4	191.4	172.2	153.4	136.2	118.9	103.0	87.0	71.3	54.4
-52.5°	213.2	193.8	176.0	158.5	142.4	126.8	111.9	96.6	81.8	66.9	51.3
-55°	194.3	177.0	160.9	145.8	131.3	118.5	104.7	90.6	76.4	62.3	48.0
-57.5°	176.1	160.5	146.8	133.4	121.1	109.9	97.7	84.4	70.9	57.5	45.0
-60°	157.8	145.2	133.1	121.8	111.2	101.0	90.7	77.9	65.2	52.6	41.4
-62.5°	140.3	129.7	120.4	110.5	100.8	91.8	83.4	71.3	59.3	47.7	37.4
-65°	123.1	115.1	107.5	98.2	89.7	82.3	75.3	64.4	53.0	42.5	33.2
-67.5°	106.1	99.5	92.7	85.1	78.9	72.8	66.6	56.8	46.4	37.0	29.0
-70°	88.9	83.3	78.5	73.7	68.5	63.1	57.0	48.6	39.5	31.8	24.7
-72.5°	72.1	68.7	65.8	62.4	58.0	52.9	47.2	40.3	33.2	26.5	20.2
-75°	55.5	54.8	54.0	51.8	47.6	42.8	38.1	32.9	26.8	21.0	16.5
-77.5°	43.8	43.5	42.9	41.3	37.6	33.8	29.7	25.3	20.7	16.7	13.0
-80°	32.4	32.4	32.1	31.2	28.0	24.7	21.9	19.0	15.7	12.4	9.4
-82.5°	21.3	21.6	21.8	21.5	19.3	17.2	15.2	13.2	10.6	8.1	6.3
-85°	12.2	12.4	12.5	12.3	11.0	9.7	8.9	8.0	6.6	5.3	4.2
-87.5°	5.0	5.3	5.6	5.7	5.3	4.9	4.4	4.0	3.3	2.7	2.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626762 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-750-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	0.6	0.5	0.5	0.4	0.2	0.0
62.5°	0.7	0.7	0.5	0.5	0.5	0.2	0.0
60°	0.8	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°	2.0	1.1	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°	3.6	2.1	1.1	0.5	0.5	0.3	0.0
47.5°	4.8	3.0	1.2	0.5	0.5	0.3	0.0
45°	7.4	3.9	1.4	0.7	0.5	0.4	0.0
42.5°	9.9	4.9	1.6	0.8	0.6	0.4	0.0
40°	12.5	6.0	2.1	1.0	0.6	0.4	0.0
37.5°	15.0	7.1	2.9	1.2	0.6	0.4	0.0
35°	17.5	8.8	3.7	1.4	0.6	0.4	0.0
32.5°	20.1	10.7	4.5	1.6	0.6	0.4	0.0
30°	23.1	12.7	5.4	1.9	0.6	0.4	0.0
27.5°	26.0	14.5	6.3	2.1	0.7	0.4	0.0
25°	28.8	16.3	7.3	2.4	0.7	0.5	0.0
22.5°	31.4	18.1	8.2	2.7	0.7	0.5	0.0
20°	34.0	19.8	9.1	3.0	0.7	0.5	0.0
17.5°	36.3	21.4	10.0	3.3	0.8	0.5	0.0
15°	38.5	22.9	10.8	3.6	0.8	0.5	0.0
12.5°	40.4	24.3	11.6	3.9	0.8	0.5	0.0
10°	42.2	25.6	12.3	4.2	0.8	0.5	0.0
7.5°	43.8	26.7	13.0	4.5	0.8	0.5	0.0
5°	45.2	27.7	13.6	4.7	0.9	0.5	0.0
2.5°	46.4	28.6	14.2	5.0	0.9	0.5	0.0
0°	47.4	29.4	14.7	5.2	0.9	0.5	0.0
-2.5°	48.7	30.3	15.4	5.5	1.0	0.5	0.0
-5°	49.8	31.1	16.0	5.8	1.2	0.6	0.0
-7.5°	50.6	31.7	16.5	6.1	1.3	0.6	0.0
-10°	51.2	32.2	16.9	6.3	1.5	0.6	0.0
-12.5°	51.6	32.5	17.2	6.5	1.6	0.6	0.0
-15°	51.7	32.7	17.4	6.7	1.7	0.7	0.0
-17.5°	51.5	32.6	17.5	6.8	1.8	0.7	0.0
-20°	51.4	32.4	17.4	6.9	1.9	0.7	0.0

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REPORT NUMBER: P626762 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-750-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	51.4	32.1	17.3	7.0	2.0	0.7	0.0
-25°	51.2	32.0	17.0	7.0	2.1	0.7	0.0
-27.5°	50.7	31.8	16.6	6.9	2.2	0.7	0.0
-30°	49.9	31.5	16.1	6.8	2.2	0.7	0.0
-32.5°	48.9	30.9	15.9	6.7	2.3	0.7	0.0
-35°	48.0	30.2	15.6	6.5	2.3	0.7	0.0
-37.5°	46.9	29.4	15.1	6.3	2.3	0.7	0.0
-40°	45.5	28.7	14.5	6.0	2.3	0.7	0.0
-42.5°	43.9	27.8	14.1	5.7	2.3	0.7	0.0
-45°	42.0	26.7	13.8	5.5	2.2	0.7	0.0
-47.5°	39.9	25.4	13.4	5.2	2.2	0.7	0.0
-50°	38.1	24.0	12.9	5.1	2.1	0.7	0.0
-52.5°	36.1	22.3	12.2	5.0	2.0	0.6	0.0
-55°	33.8	21.0	11.3	4.9	1.9	0.6	0.0
-57.5°	31.4	19.6	10.4	4.7	1.8	0.6	0.0
-60°	28.8	18.0	9.3	4.4	1.7	0.6	0.0
-62.5°	26.2	16.2	8.7	4.1	1.6	0.5	0.0
-65°	23.5	14.2	7.9	3.8	1.5	0.5	0.0
-67.5°	20.5	12.5	7.1	3.3	1.4	0.4	0.0
-70°	17.3	10.9	6.2	2.9	1.2	0.4	0.0
-72.5°	14.7	9.3	5.2	2.5	1.1	0.4	0.0
-75°	12.1	7.5	4.1	2.2	1.0	0.3	0.0
-77.5°	9.3	5.7	3.4	1.9	0.8	0.3	0.0
-80°	6.5	4.3	2.8	1.5	0.7	0.2	0.0
-82.5°	4.8	3.3	2.1	1.2	0.5	0.2	0.0
-85°	3.2	2.2	1.4	0.8	0.3	0.1	0.0
-87.5°	1.6	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)