

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: P626800 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-735-U-VWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626800 (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-SA1E-735-U-VWR-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR
Light Source: (16) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

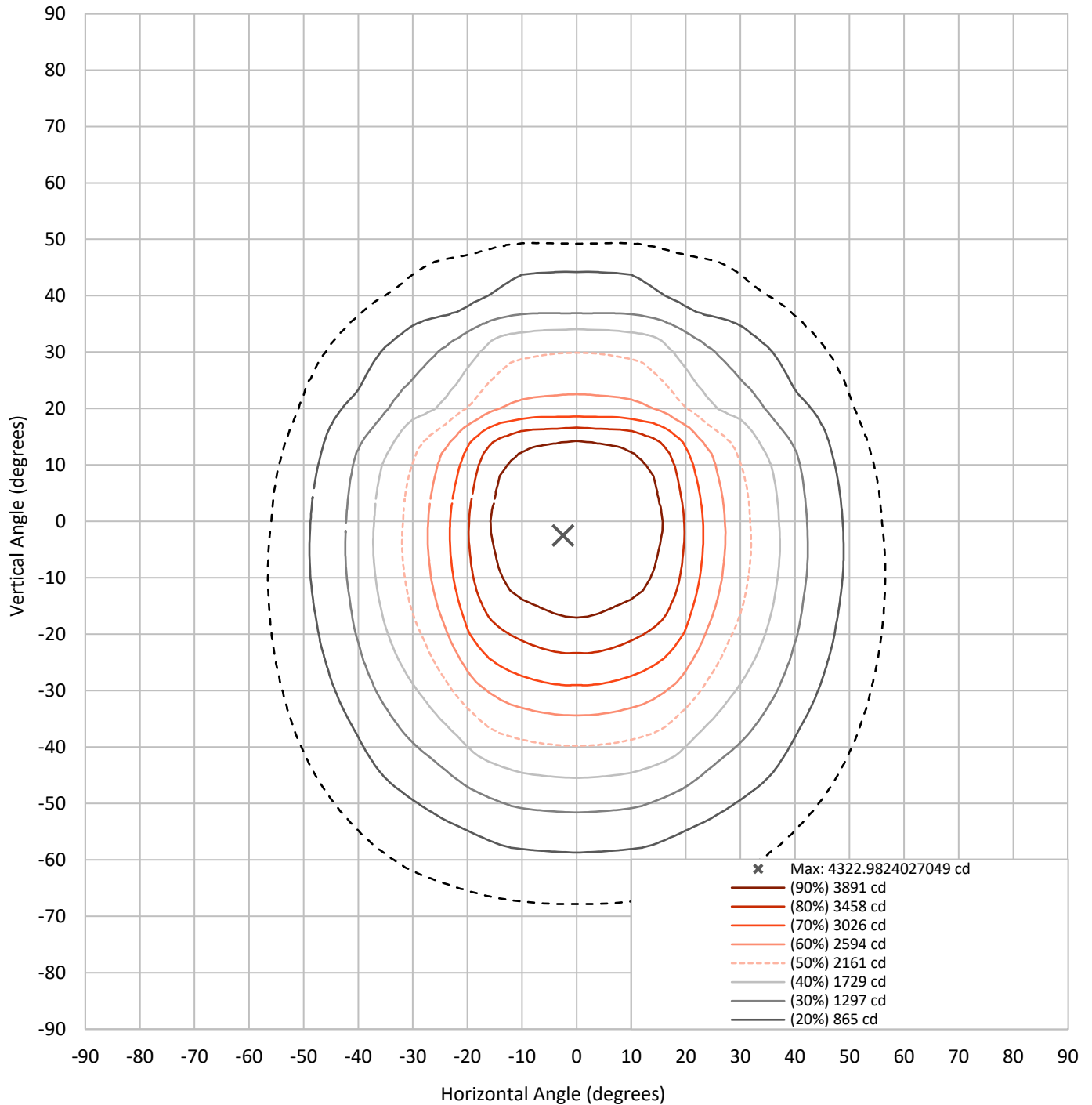
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	5769.2 lumens	Max Intensity:	4323 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	87.1 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	63.9°H x 69.6°V	Field Angle (10%):	112.5°H x 117.1°V
Beam Lumens:	3337.9 lumens	Field Lumens:	5474.6 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	66.2		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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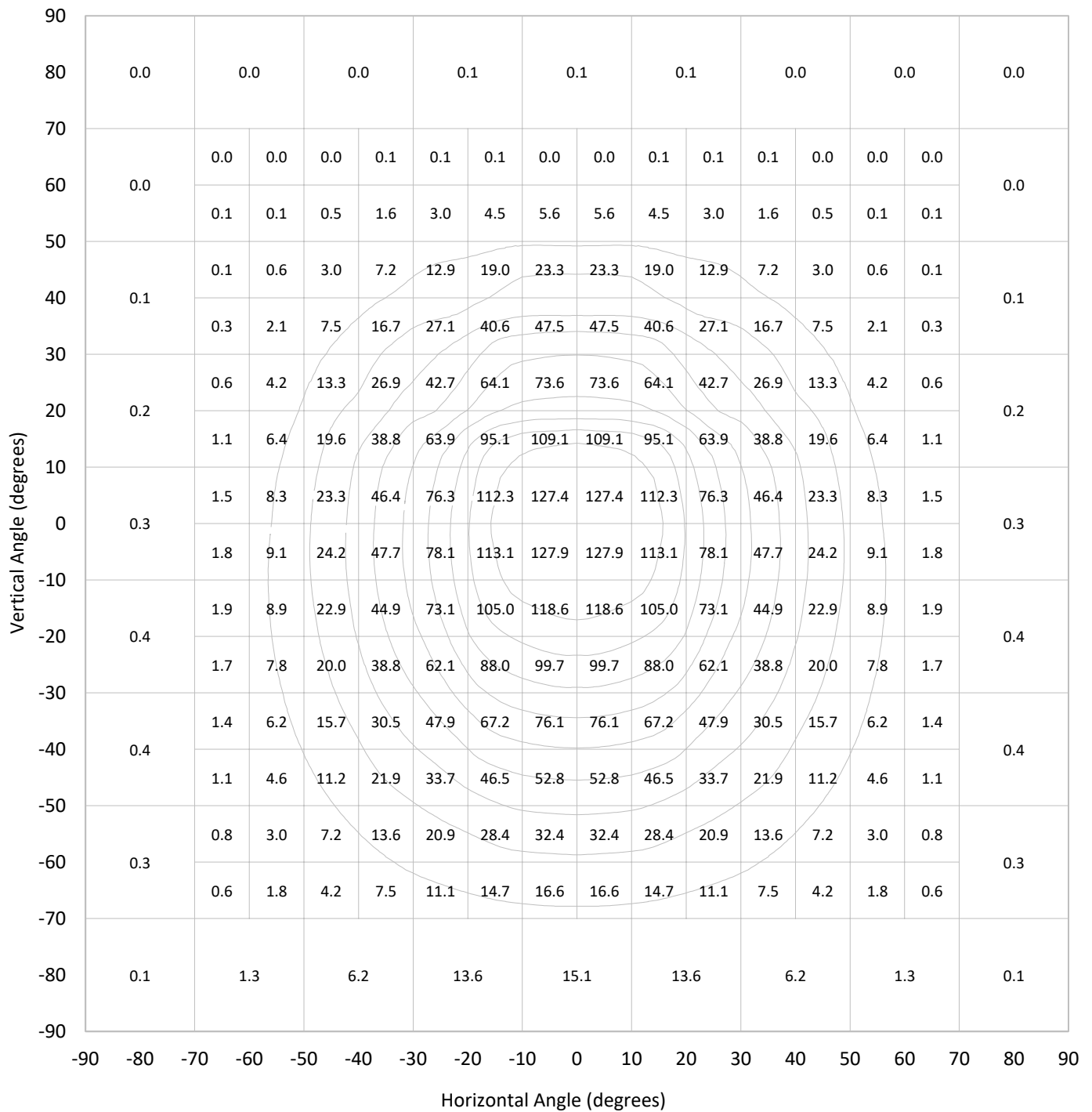
Iso-Candela Plot





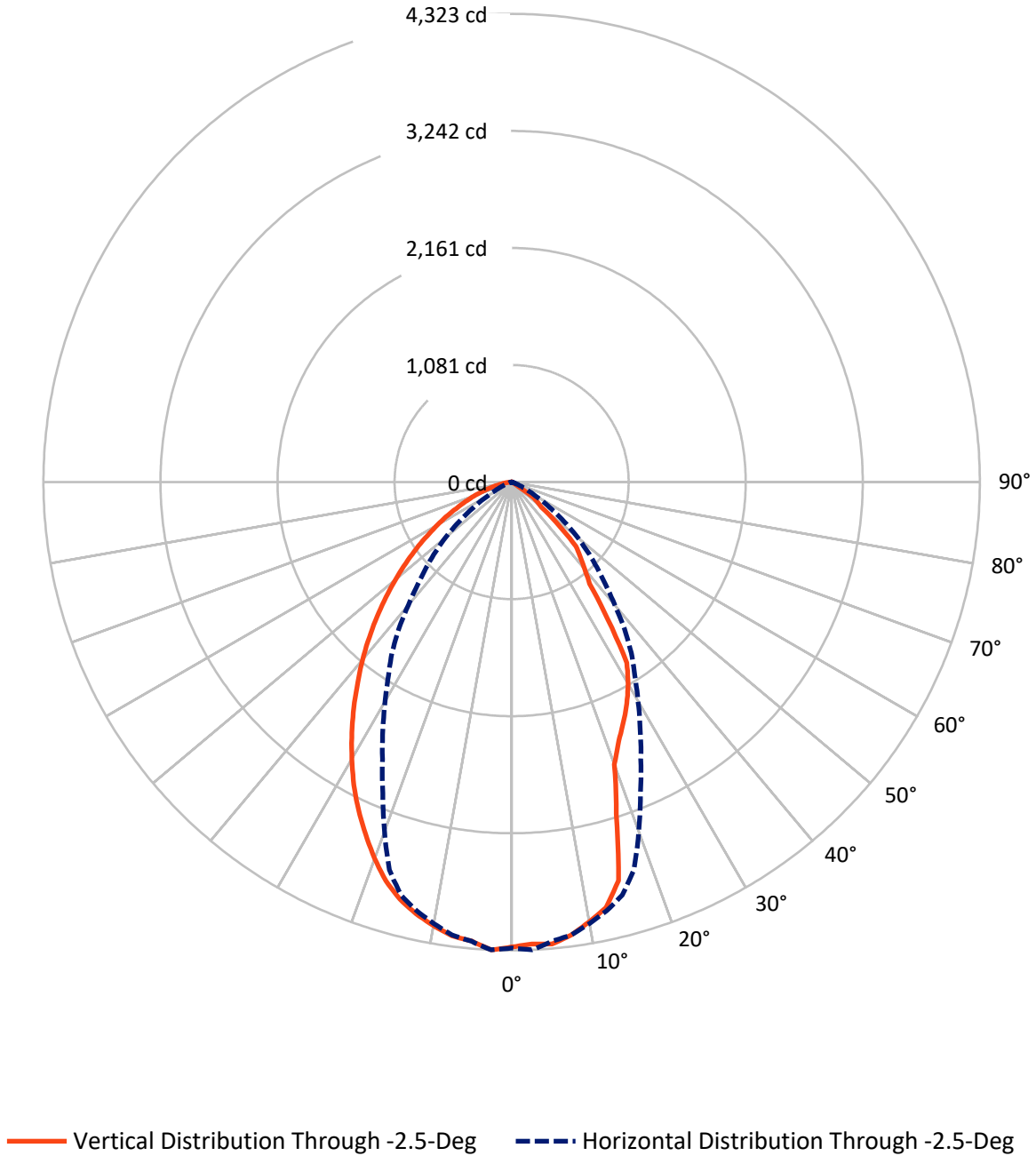
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Lumen Table



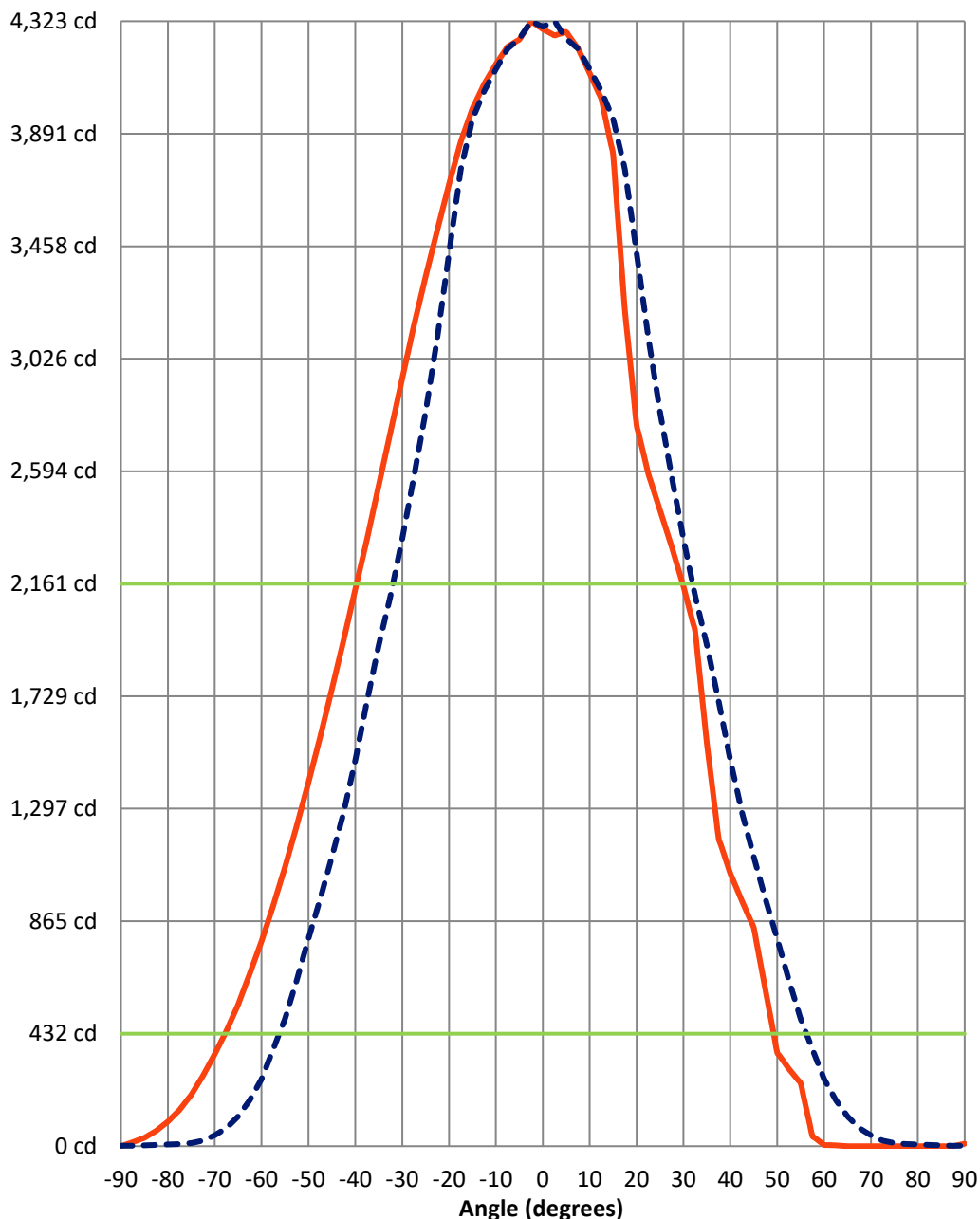
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 69.6°
 Lumens: 3337.9
 Efficiency: 57.9%

Field:
 H Angle: 112.5°
 V Angle: 117.1°
 Lumens: 5474.6
 Efficiency: 94.9%

Spill:
 Lumens: 294.6
 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°	1.6	1.6	1.6	2.0	2.4	2.8	3.2	3.6	4.0	4.4	4.8
87.5°	1.6	1.6	1.6	1.5	1.5	1.3	1.2	0.8	0.5	0.2	0.0
85°	1.6	1.6	1.6	1.5	1.3	1.1	0.8	0.5	0.3	0.1	0.0
82.5°	1.6	1.6	1.6	1.4	1.2	0.8	0.4	0.1	0.0	0.2	0.4
80°	1.6	1.6	1.6	1.4	1.1	0.6	0.1	0.3	0.6	0.8	1.1
77.5°	1.6	1.6	1.6	1.4	0.9	0.5	0.5	0.8	1.1	1.4	1.4
75°	1.6	1.6	1.6	1.3	0.9	0.8	0.9	1.3	1.6	1.3	0.8
72.5°	1.6	1.6	1.6	1.3	1.0	1.0	1.3	1.6	1.4	0.9	0.3
70°	1.6	1.6	1.6	1.3	1.1	1.3	1.6	1.5	1.2	0.6	0.7
67.5°	1.6	1.6	1.6	1.3	1.3	1.5	1.6	1.5	1.0	1.2	1.4
65°	1.6	1.6	1.6	1.4	1.4	1.7	1.7	1.5	1.6	1.9	2.0
62.5°	1.6	1.6	1.6	1.4	1.5	1.8	1.8	1.8	2.2	2.4	2.2
60°	1.6	1.6	1.6	1.5	1.6	1.9	1.9	2.3	2.7	2.8	2.5
57.5°	1.6	1.6	1.6	1.5	1.7	2.1	2.3	2.8	3.2	3.2	3.1
55°	1.6	1.6	1.6	1.5	1.9	2.2	2.7	3.2	3.6	3.7	3.9
52.5°	1.6	1.6	1.7	1.6	2.1	2.4	3.1	3.7	4.2	4.4	4.7
50°	1.6	1.6	1.7	1.6	2.3	2.8	3.5	4.2	4.8	5.1	5.5
47.5°	1.6	1.6	1.7	1.6	2.4	3.1	3.9	4.6	5.4	5.8	6.2
45°	1.6	1.6	1.8	1.8	2.6	3.4	4.2	5.1	6.0	6.5	7.0
42.5°	1.6	1.6	1.8	1.9	2.8	3.7	4.6	5.6	6.6	7.2	8.4
40°	1.6	1.6	1.9	2.1	3.1	4.0	5.0	6.1	7.2	7.9	10.1
37.5°	1.6	1.6	2.0	2.3	3.3	4.3	5.3	6.7	7.9	8.9	11.7
35°	1.6	1.6	2.0	2.5	3.5	4.6	5.7	7.3	8.6	10.9	14.9
32.5°	1.6	1.6	2.1	2.8	3.7	4.9	6.1	7.9	9.3	13.3	21.3
30°	1.6	1.6	2.2	2.9	3.9	5.1	6.6	8.5	10.1	16.0	27.5
27.5°	1.6	1.6	2.3	3.1	4.2	5.4	7.0	9.2	11.4	19.0	33.5
25°	1.6	1.6	2.3	3.3	4.4	5.6	7.5	9.8	13.8	23.4	39.4
22.5°	1.6	1.6	2.4	3.5	4.7	5.9	8.0	10.4	16.2	28.3	47.1
20°	1.6	1.6	2.5	3.7	4.9	6.2	8.5	11.0	18.7	32.9	54.9
17.5°	1.6	1.6	2.6	3.9	5.2	6.5	8.9	11.7	21.3	37.2	62.5
15°	1.6	1.6	2.7	4.0	5.4	6.8	9.4	12.5	23.9	41.3	69.8
12.5°	1.6	1.6	2.8	4.2	5.6	7.0	9.8	13.6	26.8	45.1	76.9
10°	1.6	1.6	2.9	4.3	5.8	7.3	10.1	14.8	29.9	49.5	84.0
7.5°	1.6	1.6	3.0	4.4	6.0	7.5	10.5	16.0	32.8	53.7	91.4
5°	1.6	1.6	3.0	4.6	6.2	7.7	10.8	17.2	35.6	57.7	98.3
2.5°	1.6	1.6	3.1	4.7	6.3	7.9	11.1	18.3	38.1	61.3	104.4
0°	1.6	1.6	3.2	4.8	6.5	8.1	11.3	19.4	40.3	64.5	109.7
-2.5°	1.6	1.6	3.2	4.8	6.5	8.1	11.3	19.4	40.3	64.5	109.7
-5°	1.6	1.6	3.2	4.8	6.8	8.4	12.5	23.2	43.2	74.1	118.4
-7.5°	1.6	1.6	3.2	4.8	6.8	8.6	13.0	24.7	44.2	77.8	121.5
-10°	1.6	1.6	3.2	4.7	6.9	8.7	13.4	26.0	45.0	80.4	123.8
-12.5°	1.6	1.6	3.1	4.7	7.0	8.8	13.7	27.0	45.5	81.8	125.6
-15°	1.6	1.6	3.1	4.6	7.0	8.9	13.9	27.6	46.4	81.6	126.2
-17.5°	1.6	1.6	3.1	4.6	7.0	8.9	14.0	28.2	47.8	80.8	125.4
-20°	1.6	1.6	3.0	4.5	6.9	9.0	14.3	28.7	48.7	79.3	123.1

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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°	1.6	1.6	3.0	4.4	6.8	9.0	15.3	29.0	49.1	77.2	119.2
-25°	1.6	1.6	2.9	4.3	6.7	9.6	16.0	28.9	49.0	74.5	113.7
-27.5°	1.6	1.6	2.8	4.3	6.5	10.4	16.6	28.5	48.3	72.1	109.6
-30°	1.6	1.6	2.8	4.2	6.4	11.0	17.0	27.7	47.4	71.1	105.0
-32.5°	1.6	1.6	2.7	4.0	6.6	11.6	17.3	27.7	46.2	69.3	99.8
-35°	1.6	1.6	2.6	3.9	6.8	12.0	17.7	27.9	44.6	66.8	94.1
-37.5°	1.6	1.6	2.5	3.8	6.9	12.2	18.2	27.8	42.6	63.5	91.5
-40°	1.6	1.6	2.5	3.7	6.9	12.3	18.5	27.4	40.1	60.4	88.6
-42.5°	1.6	1.6	2.4	3.6	7.0	12.3	18.6	26.8	38.6	57.9	84.2
-45°	1.6	1.6	2.3	3.6	7.0	12.2	18.5	26.2	37.6	54.9	78.6
-47.5°	1.6	1.6	2.2	3.6	7.0	12.0	18.2	25.8	36.3	51.2	74.3
-50°	1.6	1.6	2.1	3.6	6.8	11.8	17.8	25.2	35.2	49.9	69.2
-52.5°	1.6	1.6	1.9	3.5	6.6	11.4	17.3	24.3	34.3	48.1	63.6
-55°	1.6	1.6	1.8	3.4	6.3	10.9	16.7	23.2	33.1	45.9	61.0
-57.5°	1.6	1.6	1.7	3.3	6.0	10.3	16.0	22.2	31.6	43.6	57.8
-60°	1.6	1.6	1.6	3.1	5.6	9.6	15.1	21.2	29.6	40.9	54.2
-62.5°	1.6	1.6	1.6	3.0	5.3	8.8	13.9	19.7	27.1	37.7	50.0
-65°	1.6	1.6	1.6	2.8	4.9	7.9	12.5	17.9	24.2	33.4	45.2
-67.5°	1.6	1.6	1.6	2.5	4.5	7.1	11.0	15.7	20.8	28.5	38.8
-70°	1.6	1.6	1.6	2.3	4.1	6.4	9.4	13.4	17.8	23.0	31.4
-72.5°	1.6	1.6	1.6	2.3	3.7	5.7	8.3	10.9	14.7	19.0	24.0
-75°	1.6	1.6	1.6	2.2	3.2	5.0	7.2	9.2	11.4	15.0	19.1
-77.5°	1.6	1.6	1.6	2.2	3.0	4.2	6.1	7.7	9.5	11.4	14.0
-80°	1.6	1.6	1.6	2.2	2.9	3.8	4.9	6.2	7.6	9.2	10.8
-82.5°	1.6	1.6	1.6	2.1	2.8	3.5	4.4	5.0	5.8	6.9	8.2
-85°	1.6	1.6	1.6	2.1	2.7	3.3	4.0	4.6	5.1	5.7	6.2
-87.5°	1.6	1.6	1.6	2.1	2.5	3.1	3.6	4.1	4.6	5.0	5.5
-90°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.2	0.8	0.4	0.0



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 CATALOG NUMBER: GFLD-SA1E-735-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°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	5.2	5.7	6.1
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°	0.5	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.1	0.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.9	0.5	0.2	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°	0.3	0.5	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.9	1.0	0.7	0.3	0.0	0.1	0.2	0.2	0.0	0.1	0.2
67.5°	1.5	1.1	0.7	0.5	0.6	0.8	0.8	0.8	0.9	0.9	0.8
65°	1.6	1.2	1.2	1.4	1.6	1.7	1.9	2.0	1.7	1.4	1.5
62.5°	1.7	1.8	2.1	2.3	2.6	2.8	2.8	2.5	1.9	2.4	2.7
60°	2.4	2.6	3.0	3.3	3.6	3.8	3.6	3.6	4.0	4.7	9.0
57.5°	3.2	3.4	3.8	4.3	4.8	4.9	5.0	5.5	12.8	20.8	23.0
55°	4.1	4.2	4.9	5.7	6.2	6.2	8.9	18.6	28.1	39.0	43.0
52.5°	4.9	5.2	6.4	7.4	8.0	12.5	22.4	35.7	49.8	62.3	78.4
50°	5.7	6.9	8.1	9.5	15.2	26.8	41.4	59.6	80.7	100.6	121.0
47.5°	7.2	8.7	10.5	15.0	29.9	46.1	66.2	95.5	121.6	145.7	173.6
45°	8.9	11.9	14.0	29.7	47.1	67.9	102.1	137.8	161.5	193.7	243.2
42.5°	10.6	16.5	26.7	44.9	66.0	99.6	142.0	172.4	203.9	256.2	308.2
40°	15.3	22.1	40.2	61.9	88.7	137.7	181.2	215.6	258.6	316.6	370.9
37.5°	21.0	33.8	54.1	80.1	124.3	177.9	224.5	273.8	323.2	377.8	478.6
35°	27.3	44.6	71.6	106.7	159.9	222.6	278.1	333.1	390.1	497.7	597.6
32.5°	35.5	54.6	89.9	137.7	198.3	267.2	331.6	395.2	486.6	608.3	708.6
30°	44.3	70.6	111.0	166.3	234.5	308.0	385.5	462.5	583.4	684.1	793.0
27.5°	53.5	87.5	135.8	196.3	268.4	346.5	434.0	543.8	651.7	751.2	870.9
25°	63.0	105.1	158.4	224.9	301.8	388.1	488.7	622.6	706.9	816.9	941.8
22.5°	75.2	122.0	180.8	250.8	332.7	430.9	559.2	693.6	792.9	885.4	1007.4
20°	89.3	140.9	205.1	283.3	362.9	472.7	629.3	770.7	887.5	993.4	1105.4
17.5°	102.5	158.6	231.2	316.5	407.0	526.3	698.1	854.6	983.1	1101.1	1241.0
15°	114.7	175.0	256.7	347.9	450.3	587.7	759.8	931.6	1078.4	1211.2	1370.1
12.5°	125.8	190.0	281.3	377.3	491.1	640.6	811.6	979.3	1140.6	1313.6	1494.0
10°	135.8	203.5	304.5	404.4	528.9	685.3	854.4	1019.1	1181.8	1364.9	1565.3
7.5°	146.6	216.1	325.5	429.0	563.3	722.3	888.6	1051.0	1215.0	1405.9	1611.7
5°	156.6	227.7	342.3	446.7	589.9	751.1	914.3	1075.2	1240.3	1436.5	1646.8
2.5°	165.3	237.4	355.9	460.6	609.6	772.3	931.0	1095.4	1259.0	1461.3	1673.6
0°	172.7	245.3	366.3	471.2	624.5	787.5	940.8	1108.6	1270.0	1478.2	1691.2
-2.5°	177.4	258.3	373.5	489.8	637.5	797.5	949.6	1112.4	1281.8	1483.5	1711.0
-5°	180.7	268.7	377.8	504.1	646.1	801.9	952.5	1109.5	1285.0	1482.2	1713.9
-7.5°	182.7	276.1	379.8	512.2	649.1	799.2	947.6	1104.0	1279.8	1477.1	1701.1
-10°	183.8	278.4	382.6	509.8	645.1	790.6	936.7	1091.2	1265.2	1460.6	1676.8
-12.5°	186.8	277.0	382.1	504.3	636.6	777.5	920.5	1070.9	1240.8	1432.5	1643.1
-15°	187.6	273.6	377.5	496.3	623.6	760.4	899.3	1043.1	1210.7	1405.0	1605.9
-17.5°	185.9	268.6	368.5	486.2	606.2	739.7	874.4	1018.0	1182.5	1373.4	1566.8
-20°	181.6	262.1	355.0	474.1	585.6	716.6	849.4	991.7	1150.1	1329.5	1523.0

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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	174.5	254.2	340.4	457.3	567.8	690.2	820.1	955.9	1109.4	1272.5	1464.2
-25°	167.2	245.3	328.9	434.2	546.4	659.3	786.4	912.1	1061.7	1221.9	1391.9
-27.5°	160.3	233.0	316.9	408.9	521.2	626.4	748.4	871.0	1008.0	1165.0	1321.6
-30°	151.2	219.6	302.3	384.6	491.1	595.3	705.9	826.5	949.8	1098.8	1252.9
-32.5°	143.2	205.7	285.7	366.1	458.6	560.3	660.2	775.1	895.4	1022.4	1174.7
-35°	137.9	197.4	268.1	344.7	425.6	522.3	617.3	717.2	833.6	952.8	1086.5
-37.5°	133.6	188.0	249.5	322.4	399.4	482.4	571.3	663.2	764.8	885.1	1010.7
-40°	126.7	177.3	235.8	301.2	369.1	444.5	527.0	610.3	698.4	815.8	939.8
-42.5°	118.0	167.0	222.8	278.1	340.1	408.9	482.3	560.6	645.3	747.4	861.3
-45°	111.3	153.8	208.4	257.9	309.3	372.2	441.1	512.0	591.9	679.5	781.9
-47.5°	102.7	139.4	189.6	235.8	281.1	334.8	397.8	464.9	535.7	614.6	698.5
-50°	93.6	127.4	166.5	211.5	254.7	299.4	353.1	415.2	479.4	548.2	623.0
-52.5°	86.7	113.4	149.1	186.5	227.7	268.3	314.0	367.3	424.6	482.1	547.9
-55°	78.9	103.1	132.5	166.1	201.1	238.7	280.3	327.0	373.7	426.5	479.1
-57.5°	73.4	93.2	118.7	147.9	179.3	211.2	250.5	290.0	333.3	377.0	420.6
-60°	69.1	84.7	105.8	131.5	159.5	189.3	221.6	258.0	295.3	331.0	368.7
-62.5°	64.1	77.7	94.2	115.2	140.5	166.5	194.9	226.1	259.8	289.8	319.0
-65°	57.7	69.6	83.7	100.8	120.6	142.6	166.8	193.1	222.3	246.6	270.5
-67.5°	50.4	60.4	72.3	86.2	102.8	119.9	137.6	159.9	183.6	203.4	222.9
-70°	41.2	50.4	60.1	71.5	84.5	99.0	114.6	130.8	147.0	163.2	181.0
-72.5°	31.5	39.9	48.1	56.3	66.6	78.5	91.2	104.8	118.9	132.8	146.3
-75°	24.0	29.5	36.7	44.0	51.2	58.9	67.5	78.3	91.4	104.9	117.2
-77.5°	18.1	22.7	27.5	32.5	37.1	42.8	49.0	55.7	66.5	79.0	91.5
-80°	13.1	15.8	19.7	23.7	26.9	30.0	33.3	36.7	44.7	54.8	65.5
-82.5°	9.7	11.6	13.7	16.1	17.7	19.3	21.0	23.2	29.2	36.0	43.1
-85°	6.7	7.3	8.4	9.7	10.6	11.5	12.5	13.4	16.6	20.2	24.1
-87.5°	5.8	6.0	6.4	6.7	6.8	6.9	7.0	7.1	8.2	9.4	10.5
-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: P626800 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	6.5	6.9	7.3	7.7	8.1	8.5	8.9	9.3	9.7	9.7	9.7
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°	0.7	0.8	0.8	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.7	1.6	1.2	0.8	0.4	0.6	1.0	1.2	1.2	1.0	0.8
62.5°	2.5	2.3	2.1	2.4	2.9	3.4	3.2	3.1	2.8	2.7	2.8
60°	9.5	6.3	7.3	9.2	8.6	5.9	9.7	11.0	9.4	6.4	6.2
57.5°	24.2	23.4	26.8	39.1	43.0	39.2	46.8	56.8	56.5	48.7	48.4
55°	51.6	69.1	90.4	93.8	108.6	138.3	161.3	151.2	151.2	158.8	183.3
52.5°	97.9	114.5	120.7	137.2	168.1	190.6	205.0	219.9	236.3	253.0	269.9
50°	143.7	159.8	178.1	195.0	237.8	260.9	257.0	287.9	327.5	352.2	364.9
47.5°	210.7	236.2	274.9	335.5	367.5	390.6	419.3	454.3	499.6	561.1	608.5
45°	289.7	329.7	389.6	454.0	503.6	526.2	559.0	613.3	685.6	755.9	807.3
42.5°	354.2	409.1	476.7	538.2	578.7	615.8	658.3	704.0	786.8	862.0	921.4
40°	438.5	481.2	557.0	615.0	651.2	688.0	755.4	823.9	901.8	971.8	1020.5
37.5°	545.2	593.3	672.1	737.8	772.6	785.6	900.3	995.6	1058.9	1148.3	1177.5
35°	659.8	739.0	839.5	924.6	958.8	1027.0	1145.1	1278.1	1422.1	1475.1	1520.3
32.5°	787.8	885.4	1021.8	1113.1	1161.9	1265.4	1414.9	1556.8	1745.2	1847.4	1877.9
30°	904.8	1016.9	1134.1	1222.8	1306.2	1430.9	1567.2	1742.2	1916.4	2047.1	2087.7
27.5°	990.7	1114.7	1227.4	1310.5	1404.6	1539.0	1709.0	1886.2	2057.1	2190.5	2237.9
25°	1072.7	1212.9	1302.1	1398.7	1509.2	1655.7	1844.0	2040.9	2209.4	2322.1	2380.2
22.5°	1166.0	1304.2	1399.9	1481.8	1626.2	1795.0	1969.8	2192.4	2370.8	2460.7	2523.7
20°	1262.2	1418.6	1566.5	1642.7	1767.6	1981.3	2177.0	2387.1	2559.4	2653.1	2719.5
17.5°	1396.5	1595.8	1777.2	1885.1	2018.9	2274.4	2518.6	2731.1	2970.8	3055.4	3136.5
15°	1538.2	1768.7	1981.3	2152.2	2325.0	2578.1	2892.6	3149.0	3422.5	3544.6	3682.7
12.5°	1679.3	1897.5	2090.1	2310.5	2554.1	2778.1	3077.4	3396.7	3644.9	3800.6	3893.6
10°	1784.8	1987.5	2172.8	2393.8	2636.9	2890.2	3187.7	3515.0	3774.8	3907.7	3983.5
7.5°	1841.8	2035.8	2231.2	2455.1	2697.2	2967.0	3273.5	3598.2	3863.8	3992.6	4067.5
5°	1884.1	2070.4	2272.8	2508.5	2753.2	3026.8	3332.8	3653.7	3895.9	4032.8	4127.5
2.5°	1909.7	2092.4	2299.2	2542.9	2788.3	3073.2	3394.1	3726.7	3938.5	4048.7	4135.8
0°	1917.1	2101.1	2314.1	2561.0	2812.8	3100.0	3417.9	3747.1	3961.7	4068.2	4157.0
-2.5°	1925.5	2114.9	2333.8	2572.7	2822.3	3108.8	3433.2	3754.0	3947.1	4054.6	4139.0
-5°	1919.7	2116.0	2334.2	2563.0	2814.3	3098.5	3409.9	3709.9	3911.9	4028.0	4112.0
-7.5°	1902.3	2101.4	2317.3	2537.3	2783.8	3071.2	3381.3	3670.1	3874.7	3997.3	4089.2
-10°	1877.0	2070.3	2287.7	2510.5	2754.0	3027.6	3333.0	3620.1	3815.9	3946.0	4053.1
-12.5°	1849.0	2038.3	2247.9	2461.5	2702.4	2972.6	3268.5	3540.2	3734.9	3876.8	3953.3
-15°	1807.5	1996.7	2197.0	2403.7	2638.5	2900.6	3183.3	3444.0	3635.1	3750.6	3835.1
-17.5°	1754.7	1940.3	2130.2	2326.3	2547.5	2805.6	3090.0	3347.1	3502.9	3606.0	3689.2
-20°	1698.1	1869.8	2049.7	2234.7	2449.1	2704.8	2984.1	3208.4	3355.3	3454.3	3532.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626800 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-735-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°	1633.5	1798.8	1963.5	2140.3	2350.6	2585.0	2831.7	3048.5	3206.4	3296.6	3369.1
-25°	1559.8	1720.5	1877.0	2047.8	2240.9	2451.7	2681.1	2894.1	3035.5	3131.4	3203.3
-27.5°	1480.3	1631.4	1784.2	1937.6	2111.3	2321.2	2533.7	2731.6	2852.3	2948.9	3021.2
-30°	1401.1	1537.0	1678.3	1823.6	1986.6	2175.9	2374.5	2540.9	2668.3	2762.2	2829.3
-32.5°	1315.2	1444.1	1569.4	1705.1	1858.6	2025.4	2199.8	2358.1	2494.1	2580.1	2636.7
-35°	1227.2	1352.0	1466.7	1589.9	1725.2	1869.2	2030.2	2186.3	2320.6	2388.6	2443.8
-37.5°	1135.6	1260.0	1368.7	1471.6	1588.2	1721.6	1878.4	2027.3	2143.3	2201.8	2251.5
-40°	1055.9	1165.5	1263.3	1361.8	1456.6	1574.9	1721.3	1865.5	1958.6	2015.6	2061.8
-42.5°	978.5	1070.9	1151.1	1239.4	1334.3	1451.0	1569.0	1689.9	1764.8	1828.0	1876.7
-45°	888.5	971.0	1046.2	1119.6	1206.1	1312.7	1419.9	1516.8	1586.9	1648.0	1695.4
-47.5°	788.8	868.6	941.5	1007.1	1087.6	1176.5	1266.8	1347.3	1416.6	1477.0	1519.2
-50°	695.9	767.2	838.4	904.8	974.5	1046.4	1119.7	1190.4	1256.1	1314.8	1350.8
-52.5°	612.7	678.4	740.7	798.8	859.8	920.5	981.2	1046.0	1106.5	1162.0	1190.7
-55°	537.4	596.7	652.9	701.8	750.7	798.9	850.9	910.8	966.4	1017.9	1038.5
-57.5°	469.9	520.6	570.3	611.7	651.6	690.0	735.6	786.1	834.8	878.9	895.8
-60°	407.7	448.0	489.5	526.3	561.1	594.0	633.8	674.4	713.9	747.2	761.5
-62.5°	350.5	385.0	416.5	446.3	475.8	505.4	537.5	569.8	601.7	627.3	640.2
-65°	295.4	322.8	348.1	372.7	396.5	421.3	446.5	471.0	494.6	512.9	524.2
-67.5°	243.6	264.5	284.6	303.7	323.6	343.8	363.5	382.2	400.0	414.1	424.9
-70°	197.8	213.9	229.6	245.4	262.1	277.7	292.6	306.6	319.8	330.0	338.3
-72.5°	159.4	172.5	186.1	200.4	213.8	225.5	236.1	246.4	256.2	262.0	266.3
-75°	128.5	139.5	151.3	162.9	174.1	183.0	190.8	198.4	205.7	206.0	204.6
-77.5°	103.9	113.7	122.8	131.9	140.8	146.3	151.1	156.0	161.0	158.1	153.6
-80°	76.2	84.4	92.2	100.0	107.8	111.0	113.3	115.2	116.9	113.1	108.4
-82.5°	50.6	55.8	60.8	65.9	71.1	73.2	74.8	76.0	77.1	73.7	69.7
-85°	28.2	30.7	33.1	35.6	38.1	39.5	40.9	42.1	43.2	41.2	38.9
-87.5°	11.7	12.3	12.8	13.4	13.9	14.4	14.9	15.4	15.9	15.9	16.0
-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: P626800 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-735-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°	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.3
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°	0.5	0.1	0.0	0.0	0.0	0.1	0.5	0.8	1.0	1.2	1.2
62.5°	2.9	3.1	3.2	3.2	3.2	3.1	2.9	2.8	2.7	2.8	3.1
60°	5.7	5.0	4.8	4.8	4.8	5.0	5.7	6.2	6.4	9.4	11.0
57.5°	44.7	38.3	39.3	43.6	39.3	38.3	44.7	48.4	48.7	56.5	56.8
55°	209.0	233.3	241.9	237.2	241.9	233.3	209.0	183.3	158.8	151.2	151.2
52.5°	283.2	293.2	297.0	296.9	297.0	293.2	283.2	269.9	253.0	236.3	219.9
50°	368.7	365.4	360.2	355.0	360.2	365.4	368.7	364.9	352.2	327.5	287.9
47.5°	615.4	604.7	600.2	608.4	600.2	604.7	615.4	608.5	561.1	499.6	454.3
45°	817.8	830.3	839.6	839.1	839.6	830.3	817.8	807.3	755.9	685.6	613.3
42.5°	933.1	939.7	941.7	939.2	941.7	939.7	933.1	921.4	862.0	786.8	704.0
40°	1035.7	1043.7	1048.1	1052.2	1048.1	1043.7	1035.7	1020.5	971.8	901.8	823.9
37.5°	1187.1	1190.0	1183.7	1179.6	1183.7	1190.0	1187.1	1177.5	1148.3	1058.9	995.6
35°	1558.3	1566.0	1548.4	1566.9	1548.4	1566.0	1558.3	1520.3	1475.1	1422.1	1278.1
32.5°	1914.3	1950.0	1978.8	2002.7	1978.8	1950.0	1914.3	1877.9	1847.4	1745.2	1556.8
30°	2116.0	2139.0	2151.4	2154.3	2151.4	2139.0	2116.0	2087.7	2047.1	1916.4	1742.2
27.5°	2264.1	2288.2	2303.2	2314.1	2303.2	2288.2	2264.1	2237.9	2190.5	2057.1	1886.2
25°	2406.8	2428.8	2443.9	2449.7	2443.9	2428.8	2406.8	2380.2	2322.1	2209.4	2040.9
22.5°	2554.9	2570.2	2584.6	2591.7	2584.6	2570.2	2554.9	2523.7	2460.7	2370.8	2192.4
20°	2767.2	2758.8	2771.9	2767.6	2771.9	2758.8	2767.2	2719.5	2653.1	2559.4	2387.1
17.5°	3199.8	3204.3	3213.1	3227.5	3213.1	3204.3	3199.8	3136.5	3055.4	2970.8	2731.1
15°	3743.9	3754.8	3810.5	3860.1	3810.5	3754.8	3743.9	3682.7	3544.6	3422.5	3149.0
12.5°	3979.8	4017.7	4023.6	4037.6	4023.6	4017.7	3979.8	3893.6	3800.6	3644.9	3396.7
10°	4058.6	4124.2	4122.8	4139.3	4122.8	4124.2	4058.6	3983.5	3907.7	3774.8	3515.0
7.5°	4118.4	4188.8	4218.6	4231.2	4218.6	4188.8	4118.4	4067.5	3992.6	3863.8	3598.2
5°	4191.3	4230.1	4281.4	4266.7	4281.4	4230.1	4191.3	4127.5	4032.8	3895.9	3653.7
2.5°	4221.9	4282.6	4268.6	4282.9	4268.6	4282.6	4221.9	4135.8	4048.7	3938.5	3726.7
0°	4242.5	4286.1	4292.6	4307.1	4292.6	4286.1	4242.5	4157.0	4068.2	3961.7	3747.1
-2.5°	4217.5	4255.9	4323.0	4302.2	4323.0	4255.9	4217.5	4139.0	4054.6	3947.1	3754.0
-5°	4195.6	4290.0	4253.3	4299.0	4253.3	4290.0	4195.6	4112.0	4028.0	3911.9	3709.9
-7.5°	4184.2	4201.1	4225.4	4260.3	4225.4	4201.1	4184.2	4089.2	3997.3	3874.7	3670.1
-10°	4096.6	4113.9	4158.6	4182.8	4158.6	4113.9	4096.6	4053.1	3946.0	3815.9	3620.1
-12.5°	4001.7	4035.1	4082.1	4097.3	4082.1	4035.1	4001.7	3953.3	3876.8	3734.9	3540.2
-15°	3892.2	3941.9	3987.6	3997.2	3987.6	3941.9	3892.2	3835.1	3750.6	3635.1	3444.0
-17.5°	3753.1	3812.6	3860.7	3871.4	3860.7	3812.6	3753.1	3689.2	3606.0	3502.9	3347.1
-20°	3599.8	3656.8	3697.7	3710.0	3697.7	3656.8	3599.8	3532.8	3454.3	3355.3	3208.4



REPORT NUMBER: P626800 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-735-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°	3435.6	3486.9	3521.5	3516.3	3521.5	3486.9	3435.6	3369.1	3296.6	3206.4	3048.5
-25°	3261.3	3308.9	3341.9	3337.2	3341.9	3308.9	3261.3	3203.3	3131.4	3035.5	2894.1
-27.5°	3077.1	3122.2	3153.8	3154.9	3153.8	3122.2	3077.1	3021.2	2948.9	2852.3	2731.6
-30°	2883.4	2924.4	2950.2	2940.2	2950.2	2924.4	2883.4	2829.3	2762.2	2668.3	2540.9
-32.5°	2683.8	2720.8	2744.4	2751.4	2744.4	2720.8	2683.8	2636.7	2580.1	2494.1	2358.1
-35°	2486.8	2519.5	2539.9	2544.9	2539.9	2519.5	2486.8	2443.8	2388.6	2320.6	2186.3
-37.5°	2291.1	2319.2	2333.4	2327.0	2333.4	2319.2	2291.1	2251.5	2201.8	2143.3	2027.3
-40°	2097.7	2124.5	2140.8	2144.7	2140.8	2124.5	2097.7	2061.8	2015.6	1958.6	1865.5
-42.5°	1907.6	1929.9	1944.2	1951.0	1944.2	1929.9	1907.6	1876.7	1828.0	1764.8	1689.9
-45°	1723.1	1743.0	1756.4	1763.8	1756.4	1743.0	1723.1	1695.4	1648.0	1586.9	1516.8
-47.5°	1543.5	1561.0	1572.5	1578.2	1572.5	1561.0	1543.5	1519.2	1477.0	1416.6	1347.3
-50°	1371.8	1387.0	1397.8	1404.0	1397.8	1387.0	1371.8	1350.8	1314.8	1256.1	1190.4
-52.5°	1209.0	1222.2	1231.4	1236.1	1231.4	1222.2	1209.0	1190.7	1162.0	1106.5	1046.0
-55°	1053.6	1064.2	1072.8	1078.0	1072.8	1064.2	1053.6	1038.5	1017.9	966.4	910.8
-57.5°	908.6	917.4	925.4	931.1	925.4	917.4	908.6	895.8	878.9	834.8	786.1
-60°	772.9	781.1	788.0	792.3	788.0	781.1	772.9	761.5	747.2	713.9	674.4
-62.5°	650.4	657.7	664.0	668.1	664.0	657.7	650.4	640.2	627.3	601.7	569.8
-65°	533.0	539.5	544.2	547.1	544.2	539.5	533.0	524.2	512.9	494.6	471.0
-67.5°	434.1	441.6	443.1	442.2	443.1	441.6	434.1	424.9	414.1	400.0	382.2
-70°	345.7	352.1	353.6	353.4	353.6	352.1	345.7	338.3	330.0	319.8	306.6
-72.5°	270.4	273.9	270.9	266.3	270.9	273.9	270.4	266.3	262.0	256.2	246.4
-75°	202.8	200.6	197.5	193.6	197.5	200.6	202.8	204.6	206.0	205.7	198.4
-77.5°	148.5	143.0	139.5	135.6	139.5	143.0	148.5	153.6	158.1	161.0	156.0
-80°	103.4	98.0	94.3	90.4	94.3	98.0	103.4	108.4	113.1	116.9	115.2
-82.5°	65.5	61.1	58.8	56.5	58.8	61.1	65.5	69.7	73.7	77.1	76.0
-85°	36.4	33.8	32.3	30.7	32.3	33.8	36.4	38.9	41.2	43.2	42.1
-87.5°	16.0	16.1	15.3	14.5	15.3	16.1	16.0	16.0	15.9	15.9	15.4
-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: P626800 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	8.9	8.5	8.1	7.7	7.3	6.9	6.5	6.1	5.7	5.2	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°	0.0	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	0.2
67.5°	0.0	0.0	0.3	0.7	0.8	0.8	0.7	0.8	0.9	0.9	0.8
65°	1.0	0.6	0.4	0.8	1.2	1.6	1.7	1.5	1.4	1.7	2.0
62.5°	3.2	3.4	2.9	2.4	2.1	2.3	2.5	2.7	2.4	1.9	2.5
60°	9.7	5.9	8.6	9.2	7.3	6.3	9.5	9.0	4.7	4.0	3.6
57.5°	46.8	39.2	43.0	39.1	26.8	23.4	24.2	23.0	20.8	12.8	5.5
55°	161.3	138.3	108.6	93.8	90.4	69.1	51.6	43.0	39.0	28.1	18.6
52.5°	205.0	190.6	168.1	137.2	120.7	114.5	97.9	78.4	62.3	49.8	35.7
50°	257.0	260.9	237.8	195.0	178.1	159.8	143.7	121.0	100.6	80.7	59.6
47.5°	419.3	390.6	367.5	335.5	274.9	236.2	210.7	173.6	145.7	121.6	95.5
45°	559.0	526.2	503.6	454.0	389.6	329.7	289.7	243.2	193.7	161.5	137.8
42.5°	658.3	615.8	578.7	538.2	476.7	409.1	354.2	308.2	256.2	203.9	172.4
40°	755.4	688.0	651.2	615.0	557.0	481.2	438.5	370.9	316.6	258.6	215.6
37.5°	900.3	785.6	772.6	737.8	672.1	593.3	545.2	478.6	377.8	323.2	273.8
35°	1145.1	1027.0	958.8	924.6	839.5	739.0	659.8	597.6	497.7	390.1	333.1
32.5°	1414.9	1265.4	1161.9	1113.1	1021.8	885.4	787.8	708.6	608.3	486.6	395.2
30°	1567.2	1430.9	1306.2	1222.8	1134.1	1016.9	904.8	793.0	684.1	583.4	462.5
27.5°	1709.0	1539.0	1404.6	1310.5	1227.4	1114.7	990.7	870.9	751.2	651.7	543.8
25°	1844.0	1655.7	1509.2	1398.7	1302.1	1212.9	1072.7	941.8	816.9	706.9	622.6
22.5°	1969.8	1795.0	1626.2	1481.8	1399.9	1304.2	1166.0	1007.4	885.4	792.9	693.6
20°	2177.0	1981.3	1767.6	1642.7	1566.5	1418.6	1262.2	1105.4	993.4	887.5	770.7
17.5°	2518.6	2274.4	2018.9	1885.1	1777.2	1595.8	1396.5	1241.0	1101.1	983.1	854.6
15°	2892.6	2578.1	2325.0	2152.2	1981.3	1768.7	1538.2	1370.1	1211.2	1078.4	931.6
12.5°	3077.4	2778.1	2554.1	2310.5	2090.1	1897.5	1679.3	1494.0	1313.6	1140.6	979.3
10°	3187.7	2890.2	2636.9	2393.8	2172.8	1987.5	1784.8	1565.3	1364.9	1181.8	1019.1
7.5°	3273.5	2967.0	2697.2	2455.1	2231.2	2035.8	1841.8	1611.7	1405.9	1215.0	1051.0
5°	3332.8	3026.8	2753.2	2508.5	2272.8	2070.4	1884.1	1646.8	1436.5	1240.3	1075.2
2.5°	3394.1	3073.2	2788.3	2542.9	2299.2	2092.4	1909.7	1673.6	1461.3	1259.0	1095.4
0°	3417.9	3100.0	2812.8	2561.0	2314.1	2101.1	1917.1	1691.2	1478.2	1270.0	1108.6
-2.5°	3433.2	3108.8	2822.3	2572.7	2333.8	2114.9	1925.5	1711.0	1483.5	1281.8	1112.4
-5°	3409.9	3098.5	2814.3	2563.0	2334.2	2116.0	1919.7	1713.9	1482.2	1285.0	1109.5
-7.5°	3381.3	3071.2	2783.8	2537.3	2317.3	2101.4	1902.3	1701.1	1477.1	1279.8	1104.0
-10°	3333.0	3027.6	2754.0	2510.5	2287.7	2070.3	1877.0	1676.8	1460.6	1265.2	1091.2
-12.5°	3268.5	2972.6	2702.4	2461.5	2247.9	2038.3	1849.0	1643.1	1432.5	1240.8	1070.9
-15°	3183.3	2900.6	2638.5	2403.7	2197.0	1996.7	1807.5	1605.9	1405.0	1210.7	1043.1
-17.5°	3090.0	2805.6	2547.5	2326.3	2130.2	1940.3	1754.7	1566.8	1373.4	1182.5	1018.0
-20°	2984.1	2704.8	2449.1	2234.7	2049.7	1869.8	1698.1	1523.0	1329.5	1150.1	991.7



REPORT NUMBER: P626800 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-735-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°	2831.7	2585.0	2350.6	2140.3	1963.5	1798.8	1633.5	1464.2	1272.5	1109.4	955.9
-25°	2681.1	2451.7	2240.9	2047.8	1877.0	1720.5	1559.8	1391.9	1221.9	1061.7	912.1
-27.5°	2533.7	2321.2	2111.3	1937.6	1784.2	1631.4	1480.3	1321.6	1165.0	1008.0	871.0
-30°	2374.5	2175.9	1986.6	1823.6	1678.3	1537.0	1401.1	1252.9	1098.8	949.8	826.5
-32.5°	2199.8	2025.4	1858.6	1705.1	1569.4	1444.1	1315.2	1174.7	1022.4	895.4	775.1
-35°	2030.2	1869.2	1725.2	1589.9	1466.7	1352.0	1227.2	1086.5	952.8	833.6	717.2
-37.5°	1878.4	1721.6	1588.2	1471.6	1368.7	1260.0	1135.6	1010.7	885.1	764.8	663.2
-40°	1721.3	1574.9	1456.6	1361.8	1263.3	1165.5	1055.9	939.8	815.8	698.4	610.3
-42.5°	1569.0	1451.0	1334.3	1239.4	1151.1	1070.9	978.5	861.3	747.4	645.3	560.6
-45°	1419.9	1312.7	1206.1	1119.6	1046.2	971.0	888.5	781.9	679.5	591.9	512.0
-47.5°	1266.8	1176.5	1087.6	1007.1	941.5	868.6	788.8	698.5	614.6	535.7	464.9
-50°	1119.7	1046.4	974.5	904.8	838.4	767.2	695.9	623.0	548.2	479.4	415.2
-52.5°	981.2	920.5	859.8	798.8	740.7	678.4	612.7	547.9	482.1	424.6	367.3
-55°	850.9	798.9	750.7	701.8	652.9	596.7	537.4	479.1	426.5	373.7	327.0
-57.5°	735.6	690.0	651.6	611.7	570.3	520.6	469.9	420.6	377.0	333.3	290.0
-60°	633.8	594.0	561.1	526.3	489.5	448.0	407.7	368.7	331.0	295.3	258.0
-62.5°	537.5	505.4	475.8	446.3	416.5	385.0	350.5	319.0	289.8	259.8	226.1
-65°	446.5	421.3	396.5	372.7	348.1	322.8	295.4	270.5	246.6	222.3	193.1
-67.5°	363.5	343.8	323.6	303.7	284.6	264.5	243.6	222.9	203.4	183.6	159.9
-70°	292.6	277.7	262.1	245.4	229.6	213.9	197.8	181.0	163.2	147.0	130.8
-72.5°	236.1	225.5	213.8	200.4	186.1	172.5	159.4	146.3	132.8	118.9	104.8
-75°	190.8	183.0	174.1	162.9	151.3	139.5	128.5	117.2	104.9	91.4	78.3
-77.5°	151.1	146.3	140.8	131.9	122.8	113.7	103.9	91.5	79.0	66.5	55.7
-80°	113.3	111.0	107.8	100.0	92.2	84.4	76.2	65.5	54.8	44.7	36.7
-82.5°	74.8	73.2	71.1	65.9	60.8	55.8	50.6	43.1	36.0	29.2	23.2
-85°	40.9	39.5	38.1	35.6	33.1	30.7	28.2	24.1	20.2	16.6	13.4
-87.5°	14.9	14.4	13.9	13.4	12.8	12.3	11.7	10.5	9.4	8.2	7.1
-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: P626800 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-735-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°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.4	4.0	3.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.8
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.5
82.5°	0.0	0.0	0.0	0.0	0.3	0.4	0.5	0.4	0.2	0.0	0.1
80°	0.0	0.0	0.0	0.0	0.4	0.9	1.1	1.1	0.8	0.6	0.3
77.5°	0.0	0.0	0.0	0.0	0.2	0.5	0.9	1.4	1.4	1.1	0.8
75°	0.0	0.0	0.0	0.1	0.1	0.0	0.3	0.8	1.3	1.6	1.3
72.5°	0.0	0.0	0.0	0.2	0.4	0.5	0.3	0.3	0.9	1.4	1.6
70°	0.2	0.1	0.0	0.3	0.7	1.0	0.9	0.7	0.6	1.2	1.5
67.5°	0.8	0.8	0.6	0.5	0.7	1.1	1.5	1.4	1.2	1.0	1.5
65°	1.9	1.7	1.6	1.4	1.2	1.2	1.6	2.0	1.9	1.6	1.5
62.5°	2.8	2.8	2.6	2.3	2.1	1.8	1.7	2.2	2.4	2.2	1.8
60°	3.6	3.8	3.6	3.3	3.0	2.6	2.4	2.5	2.8	2.7	2.3
57.5°	5.0	4.9	4.8	4.3	3.8	3.4	3.2	3.1	3.2	3.2	2.8
55°	8.9	6.2	6.2	5.7	4.9	4.2	4.1	3.9	3.7	3.6	3.2
52.5°	22.4	12.5	8.0	7.4	6.4	5.2	4.9	4.7	4.4	4.2	3.7
50°	41.4	26.8	15.2	9.5	8.1	6.9	5.7	5.5	5.1	4.8	4.2
47.5°	66.2	46.1	29.9	15.0	10.5	8.7	7.2	6.2	5.8	5.4	4.6
45°	102.1	67.9	47.1	29.7	14.0	11.9	8.9	7.0	6.5	6.0	5.1
42.5°	142.0	99.6	66.0	44.9	26.7	16.5	10.6	8.4	7.2	6.6	5.6
40°	181.2	137.7	88.7	61.9	40.2	22.1	15.3	10.1	7.9	7.2	6.1
37.5°	224.5	177.9	124.3	80.1	54.1	33.8	21.0	11.7	8.9	7.9	6.7
35°	278.1	222.6	159.9	106.7	71.6	44.6	27.3	14.9	10.9	8.6	7.3
32.5°	331.6	267.2	198.3	137.7	89.9	54.6	35.5	21.3	13.3	9.3	7.9
30°	385.5	308.0	234.5	166.3	111.0	70.6	44.3	27.5	16.0	10.1	8.5
27.5°	434.0	346.5	268.4	196.3	135.8	87.5	53.5	33.5	19.0	11.4	9.2
25°	488.7	388.1	301.8	224.9	158.4	105.1	63.0	39.4	23.4	13.8	9.8
22.5°	559.2	430.9	332.7	250.8	180.8	122.0	75.2	47.1	28.3	16.2	10.4
20°	629.3	472.7	362.9	283.3	205.1	140.9	89.3	54.9	32.9	18.7	11.0
17.5°	698.1	526.3	407.0	316.5	231.2	158.6	102.5	62.5	37.2	21.3	11.7
15°	759.8	587.7	450.3	347.9	256.7	175.0	114.7	69.8	41.3	23.9	12.5
12.5°	811.6	640.6	491.1	377.3	281.3	190.0	125.8	76.9	45.1	26.8	13.6
10°	854.4	685.3	528.9	404.4	304.5	203.5	135.8	84.0	49.5	29.9	14.8
7.5°	888.6	722.3	563.3	429.0	325.5	216.1	146.6	91.4	53.7	32.8	16.0
5°	914.3	751.1	589.9	446.7	342.3	227.7	156.6	98.3	57.7	35.6	17.2
2.5°	931.0	772.3	609.6	460.6	355.9	237.4	165.3	104.4	61.3	38.1	18.3
0°	940.8	787.5	624.5	471.2	366.3	245.3	172.7	109.7	64.5	40.3	19.4
-2.5°	949.6	797.5	637.5	489.8	373.5	258.3	177.4	114.5	69.6	41.9	21.4
-5°	952.5	801.9	646.1	504.1	377.8	268.7	180.7	118.4	74.1	43.2	23.2
-7.5°	947.6	799.2	649.1	512.2	379.8	276.1	182.7	121.5	77.8	44.2	24.7
-10°	936.7	790.6	645.1	509.8	382.6	278.4	183.8	123.8	80.4	45.0	26.0
-12.5°	920.5	777.5	636.6	504.3	382.1	277.0	186.8	125.6	81.8	45.5	27.0
-15°	899.3	760.4	623.6	496.3	377.5	273.6	187.6	126.2	81.6	46.4	27.6
-17.5°	874.4	739.7	606.2	486.2	368.5	268.6	185.9	125.4	80.8	47.8	28.2
-20°	849.4	716.6	585.6	474.1	355.0	262.1	181.6	123.1	79.3	48.7	28.7



REPORT NUMBER: P626800 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-735-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°	820.1	690.2	567.8	457.3	340.4	254.2	174.5	119.2	77.2	49.1	29.0
-25°	786.4	659.3	546.4	434.2	328.9	245.3	167.2	113.7	74.5	49.0	28.9
-27.5°	748.4	626.4	521.2	408.9	316.9	233.0	160.3	109.6	72.1	48.3	28.5
-30°	705.9	595.3	491.1	384.6	302.3	219.6	151.2	105.0	71.1	47.4	27.7
-32.5°	660.2	560.3	458.6	366.1	285.7	205.7	143.2	99.8	69.3	46.2	27.7
-35°	617.3	522.3	425.6	344.7	268.1	197.4	137.9	94.1	66.8	44.6	27.9
-37.5°	571.3	482.4	399.4	322.4	249.5	188.0	133.6	91.5	63.5	42.6	27.8
-40°	527.0	444.5	369.1	301.2	235.8	177.3	126.7	88.6	60.4	40.1	27.4
-42.5°	482.3	408.9	340.1	278.1	222.8	167.0	118.0	84.2	57.9	38.6	26.8
-45°	441.1	372.2	309.3	257.9	208.4	153.8	111.3	78.6	54.9	37.6	26.2
-47.5°	397.8	334.8	281.1	235.8	189.6	139.4	102.7	74.3	51.2	36.3	25.8
-50°	353.1	299.4	254.7	211.5	166.5	127.4	93.6	69.2	49.9	35.2	25.2
-52.5°	314.0	268.3	227.7	186.5	149.1	113.4	86.7	63.6	48.1	34.3	24.3
-55°	280.3	238.7	201.1	166.1	132.5	103.1	78.9	61.0	45.9	33.1	23.2
-57.5°	250.5	211.2	179.3	147.9	118.7	93.2	73.4	57.8	43.6	31.6	22.2
-60°	221.6	189.3	159.5	131.5	105.8	84.7	69.1	54.2	40.9	29.6	21.2
-62.5°	194.9	166.5	140.5	115.2	94.2	77.7	64.1	50.0	37.7	27.1	19.7
-65°	166.8	142.6	120.6	100.8	83.7	69.6	57.7	45.2	33.4	24.2	17.9
-67.5°	137.6	119.9	102.8	86.2	72.3	60.4	50.4	38.8	28.5	20.8	15.7
-70°	114.6	99.0	84.5	71.5	60.1	50.4	41.2	31.4	23.0	17.8	13.4
-72.5°	91.2	78.5	66.6	56.3	48.1	39.9	31.5	24.0	19.0	14.7	10.9
-75°	67.5	58.9	51.2	44.0	36.7	29.5	24.0	19.1	15.0	11.4	9.2
-77.5°	49.0	42.8	37.1	32.5	27.5	22.7	18.1	14.0	11.4	9.5	7.7
-80°	33.3	30.0	26.9	23.7	19.7	15.8	13.1	10.8	9.2	7.6	6.2
-82.5°	21.0	19.3	17.7	16.1	13.7	11.6	9.7	8.2	6.9	5.8	5.0
-85°	12.5	11.5	10.6	9.7	8.4	7.3	6.7	6.2	5.7	5.1	4.6
-87.5°	7.0	6.9	6.8	6.7	6.4	6.0	5.8	5.5	5.0	4.6	4.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.8	1.2

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Scaled Data Report



REPORT NUMBER: P626800 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	3.2	2.8	2.4	2.0	1.6	1.6	1.6
87.5°	1.2	1.3	1.5	1.5	1.6	1.6	1.6
85°	0.8	1.1	1.3	1.5	1.6	1.6	1.6
82.5°	0.4	0.8	1.2	1.4	1.6	1.6	1.6
80°	0.1	0.6	1.1	1.4	1.6	1.6	1.6
77.5°	0.5	0.5	0.9	1.4	1.6	1.6	1.6
75°	0.9	0.8	0.9	1.3	1.6	1.6	1.6
72.5°	1.3	1.0	1.0	1.3	1.6	1.6	1.6
70°	1.6	1.3	1.1	1.3	1.6	1.6	1.6
67.5°	1.6	1.5	1.3	1.3	1.6	1.6	1.6
65°	1.7	1.7	1.4	1.4	1.6	1.6	1.6
62.5°	1.8	1.8	1.5	1.4	1.6	1.6	1.6
60°	1.9	1.9	1.6	1.5	1.6	1.6	1.6
57.5°	2.3	2.1	1.7	1.5	1.6	1.6	1.6
55°	2.7	2.2	1.9	1.5	1.6	1.6	1.6
52.5°	3.1	2.4	2.1	1.6	1.7	1.6	1.6
50°	3.5	2.8	2.3	1.6	1.7	1.6	1.6
47.5°	3.9	3.1	2.4	1.6	1.7	1.6	1.6
45°	4.2	3.4	2.6	1.8	1.8	1.6	1.6
42.5°	4.6	3.7	2.8	1.9	1.8	1.6	1.6
40°	5.0	4.0	3.1	2.1	1.9	1.6	1.6
37.5°	5.3	4.3	3.3	2.3	2.0	1.6	1.6
35°	5.7	4.6	3.5	2.5	2.0	1.6	1.6
32.5°	6.1	4.9	3.7	2.8	2.1	1.6	1.6
30°	6.6	5.1	3.9	2.9	2.2	1.6	1.6
27.5°	7.0	5.4	4.2	3.1	2.3	1.6	1.6
25°	7.5	5.6	4.4	3.3	2.3	1.6	1.6
22.5°	8.0	5.9	4.7	3.5	2.4	1.6	1.6
20°	8.5	6.2	4.9	3.7	2.5	1.6	1.6
17.5°	8.9	6.5	5.2	3.9	2.6	1.6	1.6
15°	9.4	6.8	5.4	4.0	2.7	1.6	1.6
12.5°	9.8	7.0	5.6	4.2	2.8	1.6	1.6
10°	10.1	7.3	5.8	4.3	2.9	1.6	1.6
7.5°	10.5	7.5	6.0	4.4	3.0	1.6	1.6
5°	10.8	7.7	6.2	4.6	3.0	1.6	1.6
2.5°	11.1	7.9	6.3	4.7	3.1	1.6	1.6
0°	11.3	8.1	6.5	4.8	3.2	1.6	1.6
-2.5°	11.9	8.3	6.6	4.8	3.2	1.6	1.6
-5°	12.5	8.4	6.8	4.8	3.2	1.6	1.6
-7.5°	13.0	8.6	6.8	4.8	3.2	1.6	1.6
-10°	13.4	8.7	6.9	4.7	3.2	1.6	1.6
-12.5°	13.7	8.8	7.0	4.7	3.1	1.6	1.6
-15°	13.9	8.9	7.0	4.6	3.1	1.6	1.6
-17.5°	14.0	8.9	7.0	4.6	3.1	1.6	1.6
-20°	14.3	9.0	6.9	4.5	3.0	1.6	1.6

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CATALOG NUMBER: GFLD-SA1E-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	15.3	9.0	6.8	4.4	3.0	1.6	1.6
-25°	16.0	9.6	6.7	4.3	2.9	1.6	1.6
-27.5°	16.6	10.4	6.5	4.3	2.8	1.6	1.6
-30°	17.0	11.0	6.4	4.2	2.8	1.6	1.6
-32.5°	17.3	11.6	6.6	4.0	2.7	1.6	1.6
-35°	17.7	12.0	6.8	3.9	2.6	1.6	1.6
-37.5°	18.2	12.2	6.9	3.8	2.5	1.6	1.6
-40°	18.5	12.3	6.9	3.7	2.5	1.6	1.6
-42.5°	18.6	12.3	7.0	3.6	2.4	1.6	1.6
-45°	18.5	12.2	7.0	3.6	2.3	1.6	1.6
-47.5°	18.2	12.0	7.0	3.6	2.2	1.6	1.6
-50°	17.8	11.8	6.8	3.6	2.1	1.6	1.6
-52.5°	17.3	11.4	6.6	3.5	1.9	1.6	1.6
-55°	16.7	10.9	6.3	3.4	1.8	1.6	1.6
-57.5°	16.0	10.3	6.0	3.3	1.7	1.6	1.6
-60°	15.1	9.6	5.6	3.1	1.6	1.6	1.6
-62.5°	13.9	8.8	5.3	3.0	1.6	1.6	1.6
-65°	12.5	7.9	4.9	2.8	1.6	1.6	1.6
-67.5°	11.0	7.1	4.5	2.5	1.6	1.6	1.6
-70°	9.4	6.4	4.1	2.3	1.6	1.6	1.6
-72.5°	8.3	5.7	3.7	2.3	1.6	1.6	1.6
-75°	7.2	5.0	3.2	2.2	1.6	1.6	1.6
-77.5°	6.1	4.2	3.0	2.2	1.6	1.6	1.6
-80°	4.9	3.8	2.9	2.2	1.6	1.6	1.6
-82.5°	4.4	3.5	2.8	2.1	1.6	1.6	1.6
-85°	4.0	3.3	2.7	2.1	1.6	1.6	1.6
-87.5°	3.6	3.1	2.5	2.1	1.6	1.6	1.6
-90°	1.6	1.6	1.6	1.6	1.6	1.6	1.6

(END OF REPORT)