

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: P626740 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
 Report Number: P626740 (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-SA1D-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: -

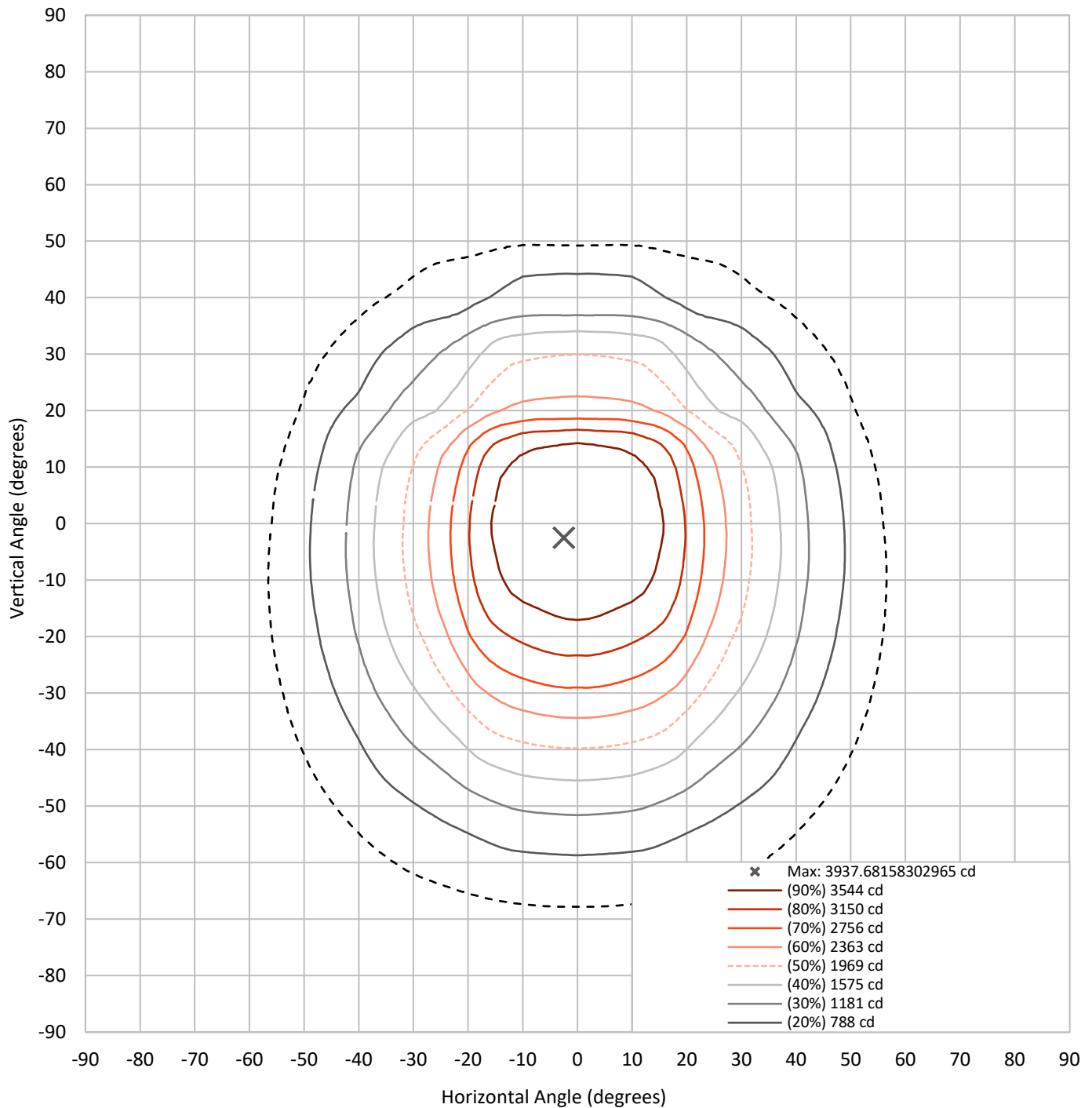
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	5255 lumens	Max Intensity:	3937.7 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	91.7 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:	3040.3 lumens	Field Lumens:	4986.6 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	57.3		
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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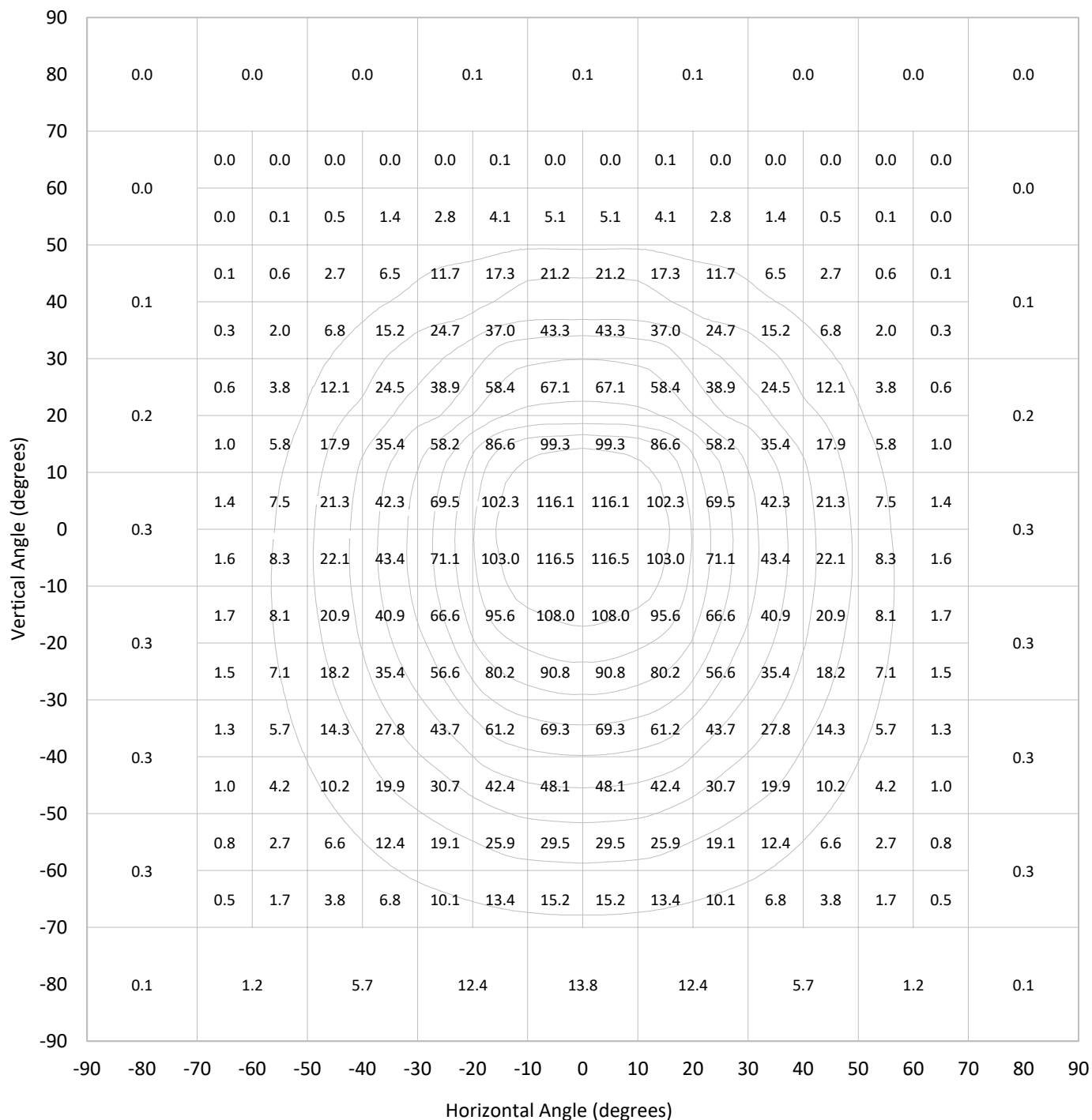
Iso-Candela Plot





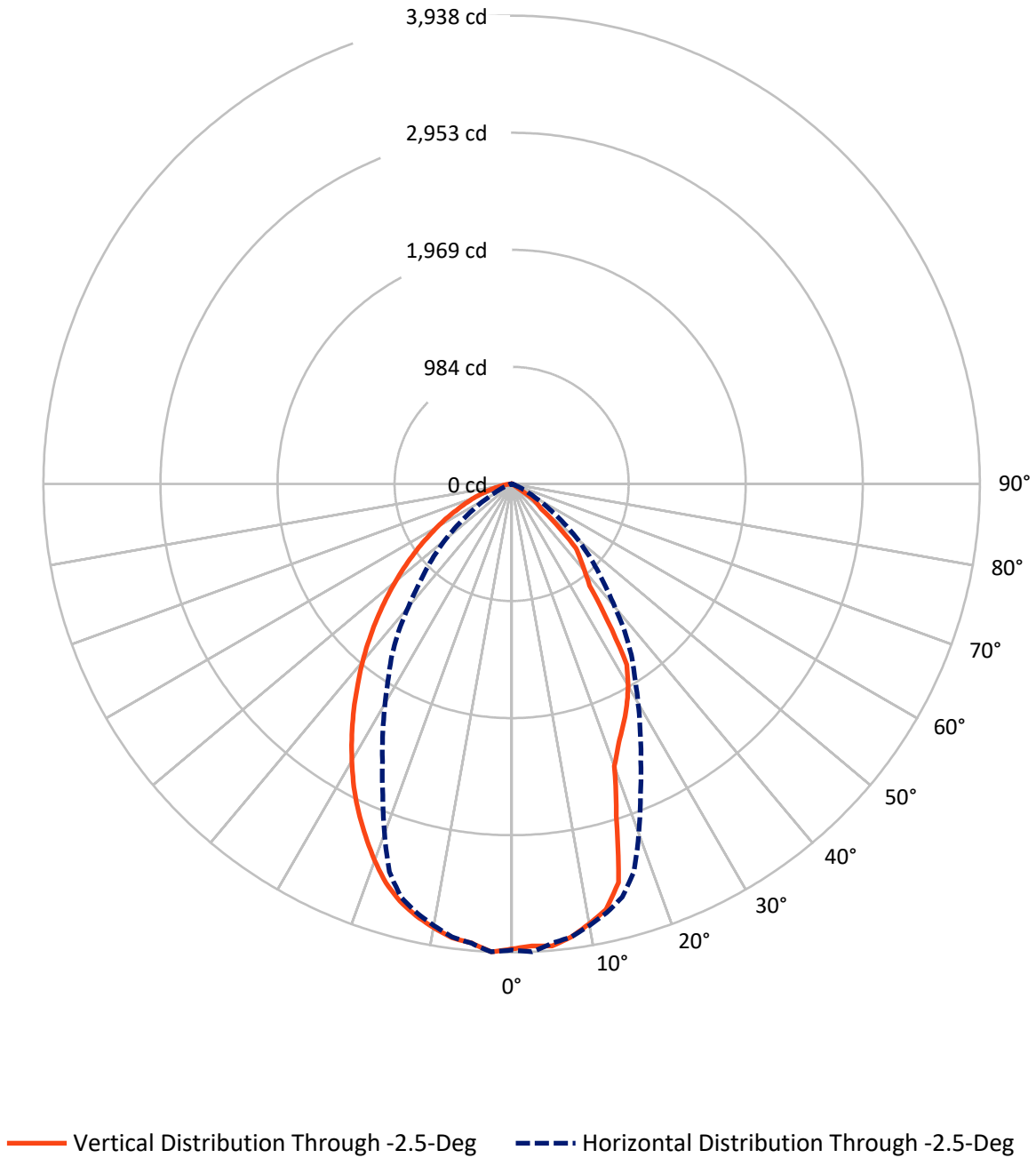
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Lumen Table



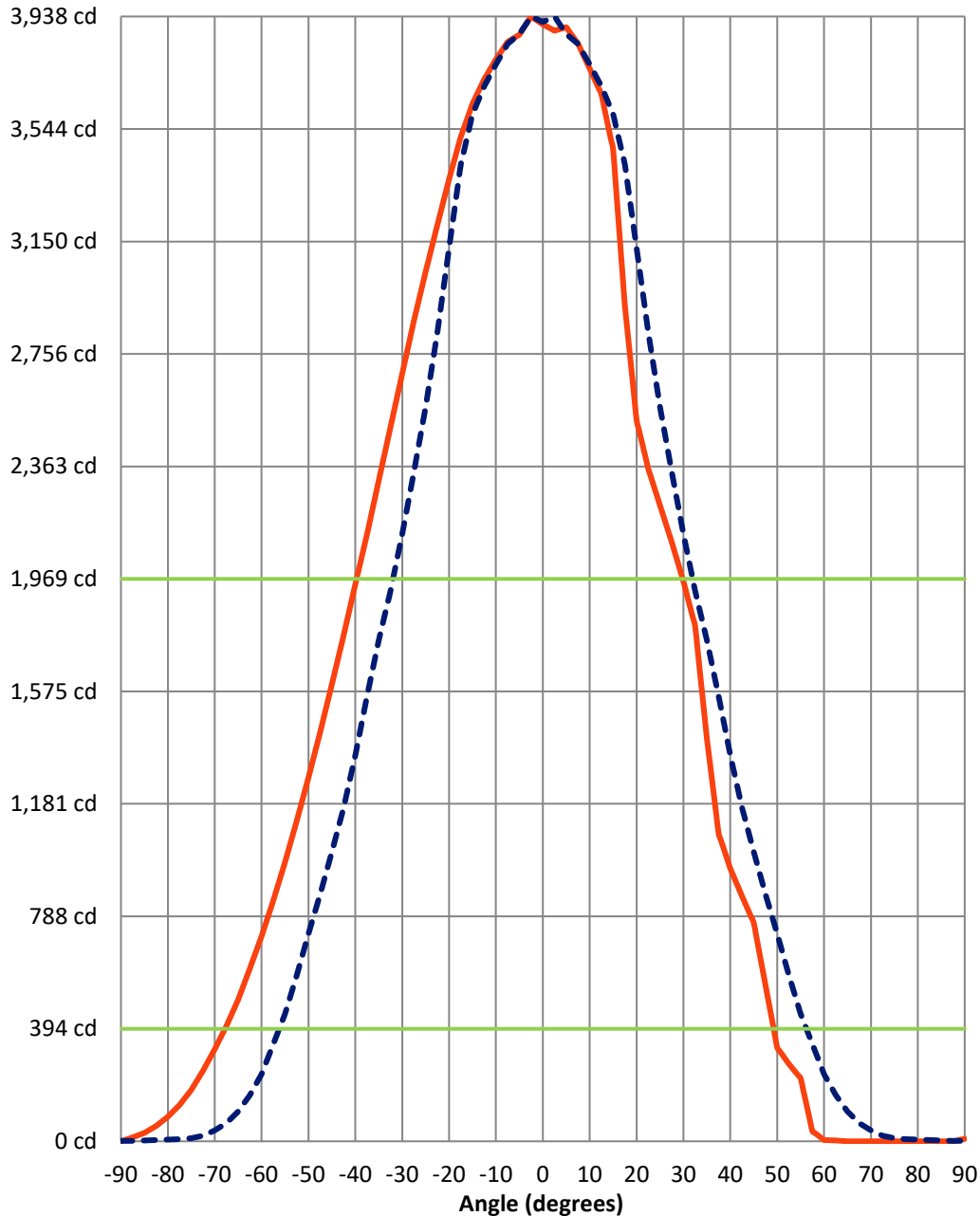
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 69.6°
 Lumens: 3040.3
 Efficiency: 57.9%

Field:
 H Angle: 112.5°
 V Angle: 117.1°
 Lumens: 4986.6
 Efficiency: 94.9%

Spill:
 Lumens: 268.3
 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°	1.5	1.5	1.5	1.8	2.2	2.6	2.9	3.3	3.7	4.0	4.4
87.5°	1.5	1.5	1.5	1.5	1.4	1.3	1.1	0.8	0.5	0.2	0.0
85°	1.5	1.5	1.5	1.4	1.2	1.0	0.7	0.5	0.2	0.1	0.0
82.5°	1.5	1.5	1.5	1.4	1.1	0.8	0.4	0.1	0.0	0.2	0.4
80°	1.5	1.5	1.5	1.3	1.0	0.6	0.1	0.3	0.5	0.8	1.0
77.5°	1.5	1.5	1.5	1.3	0.9	0.5	0.5	0.7	1.0	1.4	1.4
75°	1.5	1.5	1.5	1.2	0.8	0.7	0.8	1.2	1.5	1.2	0.8
72.5°	1.5	1.5	1.5	1.2	1.0	1.0	1.2	1.5	1.3	0.9	0.3
70°	1.5	1.5	1.5	1.2	1.1	1.2	1.5	1.4	1.1	0.6	0.7
67.5°	1.5	1.5	1.5	1.3	1.2	1.4	1.5	1.4	1.0	1.1	1.3
65°	1.5	1.5	1.5	1.3	1.3	1.6	1.6	1.4	1.5	1.7	1.8
62.5°	1.5	1.5	1.5	1.3	1.4	1.7	1.7	1.7	2.0	2.2	2.0
60°	1.5	1.5	1.5	1.4	1.5	1.8	1.8	2.1	2.5	2.6	2.3
57.5°	1.5	1.5	1.5	1.4	1.6	1.9	2.1	2.5	2.9	2.9	2.9
55°	1.5	1.5	1.5	1.5	1.8	2.1	2.5	2.9	3.3	3.4	3.6
52.5°	1.5	1.5	1.6	1.5	1.9	2.2	2.8	3.4	3.8	4.0	4.3
50°	1.5	1.5	1.6	1.5	2.1	2.5	3.2	3.8	4.4	4.7	4.9
47.5°	1.5	1.5	1.6	1.5	2.2	2.8	3.5	4.2	4.9	5.3	5.6
45°	1.5	1.5	1.7	1.7	2.4	3.1	3.9	4.6	5.4	5.9	6.3
42.5°	1.5	1.5	1.7	1.8	2.6	3.4	4.2	5.1	6.0	6.5	7.7
40°	1.5	1.5	1.8	2.0	2.8	3.7	4.5	5.6	6.6	7.1	9.2
37.5°	1.5	1.5	1.8	2.1	3.0	3.9	4.9	6.1	7.2	8.1	10.7
35°	1.5	1.5	1.9	2.3	3.2	4.2	5.2	6.6	7.8	9.9	13.6
32.5°	1.5	1.5	1.9	2.5	3.4	4.4	5.5	7.2	8.5	12.1	19.4
30°	1.5	1.5	2.0	2.7	3.6	4.7	6.0	7.7	9.2	14.6	25.1
27.5°	1.5	1.5	2.1	2.9	3.8	4.9	6.4	8.3	10.4	17.4	30.5
25°	1.5	1.5	2.2	3.0	4.1	5.1	6.8	8.9	12.5	21.4	35.9
22.5°	1.5	1.5	2.2	3.2	4.3	5.4	7.3	9.5	14.8	25.8	42.9
20°	1.5	1.5	2.3	3.4	4.5	5.6	7.7	10.1	17.1	30.0	50.0
17.5°	1.5	1.5	2.4	3.5	4.7	5.9	8.1	10.6	19.5	34.0	56.9
15°	1.5	1.5	2.5	3.7	4.9	6.1	8.5	11.4	21.9	37.7	63.6
12.5°	1.5	1.5	2.5	3.8	5.1	6.4	8.9	12.4	24.5	41.1	70.0
10°	1.5	1.5	2.6	3.9	5.3	6.6	9.2	13.5	27.3	45.1	76.4
7.5°	1.5	1.5	2.7	4.1	5.5	6.8	9.5	14.5	30.0	49.0	83.2
5°	1.5	1.5	2.8	4.2	5.6	7.0	9.8	15.6	32.4	52.6	89.5
2.5°	1.5	1.5	2.8	4.3	5.8	7.1	10.1	16.6	34.7	55.9	95.1
0°	1.5	1.5	2.9	4.4	5.9	7.3	10.3	17.6	36.7	58.8	100.0
-2.5°	1.5	1.5	2.9	4.4	5.9	7.3	10.3	17.6	36.7	58.8	100.0
-5°	1.5	1.5	2.9	4.4	6.1	7.6	11.4	21.1	39.4	67.5	107.9
-7.5°	1.5	1.5	2.9	4.4	6.2	7.7	11.8	22.5	40.3	70.8	110.7
-10°	1.5	1.5	2.9	4.3	6.3	7.8	12.2	23.7	41.0	73.2	112.8
-12.5°	1.5	1.5	2.8	4.3	6.3	7.9	12.5	24.6	41.5	74.5	114.4
-15°	1.5	1.5	2.8	4.2	6.3	8.0	12.7	25.1	42.3	74.4	114.9
-17.5°	1.5	1.5	2.8	4.2	6.3	8.1	12.7	25.7	43.6	73.6	114.2
-20°	1.5	1.5	2.7	4.1	6.3	8.1	13.1	26.2	44.4	72.3	112.1

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

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	1.5	1.5	2.7	4.1	6.2	8.2	13.9	26.4	44.8	70.3	108.6
-25°	1.5	1.5	2.6	4.0	6.1	8.7	14.6	26.3	44.6	67.8	103.5
-27.5°	1.5	1.5	2.6	3.9	5.9	9.4	15.1	25.9	44.0	65.7	99.8
-30°	1.5	1.5	2.5	3.8	5.8	10.0	15.5	25.2	43.2	64.7	95.6
-32.5°	1.5	1.5	2.5	3.7	6.0	10.5	15.7	25.3	42.1	63.1	90.9
-35°	1.5	1.5	2.4	3.6	6.2	10.8	16.1	25.4	40.7	60.9	85.6
-37.5°	1.5	1.5	2.3	3.5	6.3	11.1	16.5	25.3	38.8	57.9	83.3
-40°	1.5	1.5	2.2	3.3	6.3	11.2	16.8	25.0	36.5	55.1	80.7
-42.5°	1.5	1.5	2.2	3.3	6.4	11.2	16.9	24.4	35.2	52.8	76.7
-45°	1.5	1.5	2.1	3.3	6.4	11.1	16.8	23.9	34.2	50.0	71.7
-47.5°	1.5	1.5	2.0	3.3	6.3	11.0	16.5	23.5	33.0	46.6	67.7
-50°	1.5	1.5	1.9	3.2	6.2	10.7	16.2	22.9	32.0	45.4	63.0
-52.5°	1.5	1.5	1.8	3.2	6.0	10.4	15.7	22.1	31.2	43.8	58.0
-55°	1.5	1.5	1.7	3.1	5.8	10.0	15.2	21.1	30.2	41.8	55.5
-57.5°	1.5	1.5	1.6	3.0	5.4	9.4	14.5	20.2	28.7	39.7	52.7
-60°	1.5	1.5	1.5	2.9	5.1	8.8	13.8	19.2	26.9	37.2	49.4
-62.5°	1.5	1.5	1.5	2.7	4.8	8.0	12.6	18.0	24.7	34.3	45.5
-65°	1.5	1.5	1.5	2.5	4.5	7.2	11.4	16.3	22.0	30.4	41.1
-67.5°	1.5	1.5	1.5	2.3	4.1	6.4	10.0	14.3	18.9	25.9	35.3
-70°	1.5	1.5	1.5	2.1	3.8	5.9	8.5	12.2	16.2	20.9	28.6
-72.5°	1.5	1.5	1.5	2.1	3.4	5.2	7.5	9.9	13.4	17.3	21.9
-75°	1.5	1.5	1.5	2.1	2.9	4.6	6.5	8.4	10.4	13.7	17.4
-77.5°	1.5	1.5	1.5	2.1	2.8	3.9	5.5	7.0	8.6	10.4	12.8
-80°	1.5	1.5	1.5	2.0	2.7	3.5	4.5	5.7	7.0	8.4	9.8
-82.5°	1.5	1.5	1.5	2.0	2.6	3.3	4.0	4.6	5.2	6.3	7.4
-85°	1.5	1.5	1.5	1.9	2.5	3.0	3.7	4.2	4.7	5.2	5.7
-87.5°	1.5	1.5	1.5	1.9	2.3	2.8	3.3	3.7	4.2	4.6	5.0
-90°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.1	0.7	0.4	0.0



REPORT NUMBER: P626740 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.8	5.2	5.5
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	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.0	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.9	0.4	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°	0.2	0.4	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.9	0.9	0.6	0.2	0.0	0.1	0.2	0.2	0.0	0.1	0.2
67.5°	1.4	1.0	0.7	0.4	0.6	0.8	0.7	0.8	0.8	0.9	0.8
65°	1.5	1.1	1.1	1.3	1.5	1.6	1.7	1.8	1.6	1.4	1.4
62.5°	1.6	1.7	1.9	2.1	2.4	2.5	2.6	2.3	1.8	2.2	2.5
60°	2.2	2.4	2.7	3.0	3.3	3.4	3.3	3.3	3.7	4.3	8.3
57.5°	2.9	3.1	3.5	3.9	4.4	4.4	4.6	5.0	11.7	19.0	21.0
55°	3.7	3.9	4.5	5.2	5.6	5.6	8.1	17.0	25.7	35.5	39.2
52.5°	4.4	4.8	5.8	6.7	7.3	11.4	20.5	32.6	45.3	56.7	71.3
50°	5.2	6.3	7.3	8.7	13.9	24.5	37.7	54.3	73.5	91.6	110.2
47.5°	6.5	7.8	9.5	13.7	27.3	42.0	60.4	87.0	110.7	132.7	158.2
45°	8.1	10.9	12.7	27.1	42.9	61.9	93.0	125.5	147.1	176.4	221.5
42.5°	9.7	15.1	24.3	41.0	60.2	90.7	129.3	157.0	185.7	233.4	280.7
40°	13.9	20.2	36.7	56.4	80.8	125.4	165.0	196.4	235.6	288.4	337.8
37.5°	19.1	30.8	49.3	73.0	113.2	162.0	204.5	249.4	294.4	344.2	435.9
35°	24.8	40.6	65.2	97.2	145.6	202.7	253.3	303.5	355.3	453.3	544.3
32.5°	32.3	49.7	81.9	125.4	180.6	243.3	302.1	360.0	443.2	554.1	645.5
30°	40.3	64.3	101.1	151.5	213.6	280.5	351.1	421.3	531.4	623.2	722.4
27.5°	48.7	79.7	123.6	178.7	244.5	315.6	395.3	495.4	593.6	684.3	793.3
25°	57.4	95.7	144.2	204.8	274.9	353.6	445.2	567.1	643.9	744.1	857.9
22.5°	68.5	111.1	164.6	228.4	303.0	392.5	509.4	631.8	722.2	806.5	917.6
20°	81.3	128.3	186.8	258.0	330.6	430.6	573.2	702.0	808.4	904.9	1006.9
17.5°	93.3	144.5	210.5	288.3	370.7	479.4	635.9	778.4	895.4	1003.0	1130.4
15°	104.4	159.4	233.8	316.9	410.2	535.3	692.1	848.6	982.2	1103.2	1248.0
12.5°	114.6	173.1	256.2	343.6	447.3	583.5	739.2	892.0	1038.9	1196.6	1360.9
10°	123.7	185.3	277.3	368.3	481.8	624.2	778.2	928.2	1076.4	1243.3	1425.8
7.5°	133.5	196.8	296.5	390.8	513.1	657.9	809.3	957.3	1106.8	1280.7	1468.0
5°	142.6	207.4	311.8	406.9	537.4	684.2	832.8	979.3	1129.8	1308.5	1500.0
2.5°	150.5	216.2	324.2	419.5	555.3	703.5	848.0	997.7	1146.8	1331.1	1524.4
0°	157.3	223.4	333.7	429.2	568.9	717.3	857.0	1009.8	1156.8	1346.4	1540.5
-2.5°	161.6	235.2	340.2	446.1	580.7	726.3	865.0	1013.2	1167.6	1351.3	1558.5
-5°	164.7	244.8	344.1	459.1	588.5	730.3	867.6	1010.6	1170.5	1350.1	1561.1
-7.5°	166.4	251.5	346.0	466.5	591.2	727.9	863.2	1005.7	1165.8	1345.5	1549.5
-10°	167.4	253.6	348.5	464.3	587.6	720.1	853.2	994.0	1152.4	1330.4	1527.3
-12.5°	170.2	252.3	348.0	459.4	579.9	708.2	838.5	975.5	1130.2	1304.8	1496.7
-15°	170.9	249.2	343.8	452.1	568.1	692.6	819.2	950.1	1102.8	1279.8	1462.7
-17.5°	169.3	244.7	335.7	442.8	552.3	673.7	796.4	927.2	1077.1	1251.0	1427.1
-20°	165.4	238.8	323.3	431.9	533.5	652.8	773.7	903.3	1047.6	1211.0	1387.2

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CATALOG NUMBER: GFLD-SA1D-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°
-22.5°	159.0	231.6	310.0	416.6	517.3	628.7	747.0	870.7	1010.5	1159.2	1333.7
-25°	152.3	223.5	299.6	395.5	497.7	600.6	716.3	830.8	967.0	1113.0	1267.9
-27.5°	146.0	212.2	288.7	372.5	474.8	570.5	681.7	793.3	918.1	1061.1	1203.8
-30°	137.7	200.0	275.4	350.3	447.3	542.2	643.0	752.9	865.1	1000.9	1141.2
-32.5°	130.4	187.3	260.3	333.5	417.8	510.3	601.3	706.1	815.6	931.3	1070.0
-35°	125.6	179.8	244.2	314.0	387.6	475.7	562.2	653.2	759.3	867.9	989.7
-37.5°	121.6	171.2	227.3	293.7	363.8	439.4	520.3	604.1	696.7	806.2	920.7
-40°	115.4	161.5	214.8	274.4	336.2	404.9	480.1	555.8	636.1	743.1	856.0
-42.5°	107.5	152.1	203.0	253.3	309.8	372.5	439.3	510.7	587.8	680.7	784.6
-45°	101.4	140.1	189.8	234.9	281.7	339.0	401.8	466.4	539.2	619.0	712.2
-47.5°	93.6	127.0	172.7	214.8	256.0	305.0	362.3	423.5	488.0	559.9	636.3
-50°	85.3	116.1	151.7	192.7	232.0	272.7	321.6	378.2	436.7	499.4	567.6
-52.5°	79.0	103.3	135.8	170.0	207.4	244.4	286.0	334.5	386.7	439.1	499.1
-55°	71.9	93.9	120.7	151.3	183.2	217.4	255.4	297.8	340.4	388.5	436.4
-57.5°	66.8	84.9	108.1	134.7	163.4	192.4	228.2	264.1	303.5	343.3	383.1
-60°	62.9	77.1	96.4	119.8	145.3	172.5	201.9	235.0	269.0	301.4	335.8
-62.5°	58.4	70.8	85.8	104.9	128.0	151.6	177.5	205.9	236.6	264.0	290.6
-65°	52.6	63.4	76.3	91.8	109.9	129.9	152.0	175.9	202.4	224.6	246.4
-67.5°	45.9	55.0	65.8	78.5	93.6	109.2	125.4	145.7	167.2	185.3	203.0
-70°	37.5	45.9	54.7	65.1	76.9	90.1	104.4	119.1	133.9	148.7	164.9
-72.5°	28.7	36.3	43.8	51.2	60.7	71.5	83.1	95.4	108.3	121.0	133.3
-75°	21.9	26.8	33.4	40.0	46.6	53.7	61.5	71.3	83.3	95.6	106.8
-77.5°	16.5	20.7	25.0	29.6	33.7	38.9	44.6	50.7	60.6	72.0	83.4
-80°	11.9	14.4	17.9	21.5	24.4	27.3	30.3	33.4	40.7	49.9	59.6
-82.5°	8.9	10.5	12.5	14.6	16.1	17.5	19.1	21.1	26.6	32.7	39.2
-85°	6.1	6.6	7.6	8.8	9.6	10.4	11.3	12.2	15.1	18.4	22.0
-87.5°	5.3	5.5	5.8	6.1	6.2	6.3	6.4	6.5	7.5	8.5	9.6
-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: P626740 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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°	5.9	6.3	6.6	7.0	7.3	7.7	8.1	8.4	8.8	8.8	8.8
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°	0.1	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	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.6	1.5	1.1	0.7	0.4	0.5	0.9	1.1	1.1	1.0	0.8
62.5°	2.3	2.2	1.9	2.2	2.6	3.1	2.9	2.8	2.6	2.5	2.5
60°	8.7	5.8	6.7	8.4	7.8	5.4	8.8	10.0	8.5	5.8	5.6
57.5°	22.0	21.3	24.4	35.6	39.2	35.7	42.6	51.7	51.5	44.3	44.1
55°	46.9	63.0	82.3	85.5	98.9	125.9	147.0	137.8	137.7	144.7	167.0
52.5°	89.2	104.3	110.0	125.0	153.1	173.5	186.7	200.3	215.2	230.4	245.8
50°	130.9	145.6	162.2	177.6	216.6	237.6	234.1	262.3	298.3	320.8	332.4
47.5°	191.9	215.1	250.3	305.6	334.7	355.8	381.9	413.8	455.1	511.1	554.2
45°	263.8	300.3	354.8	413.6	458.7	479.3	509.2	558.6	624.5	688.6	735.4
42.5°	322.6	372.6	434.2	490.3	527.1	560.9	599.6	641.3	716.7	785.2	839.3
40°	399.4	438.3	507.3	560.2	593.2	626.7	688.1	750.4	821.3	885.1	929.5
37.5°	496.6	540.4	612.2	672.0	703.7	715.6	820.0	906.8	964.4	1045.9	1072.5
35°	601.0	673.1	764.6	842.2	873.3	935.4	1043.0	1164.1	1295.4	1343.6	1384.8
32.5°	717.6	806.5	930.7	1013.9	1058.3	1152.6	1288.8	1418.1	1589.6	1682.7	1710.6
30°	824.2	926.2	1033.0	1113.9	1189.8	1303.4	1427.6	1586.9	1745.6	1864.7	1901.6
27.5°	902.4	1015.3	1118.0	1193.7	1279.4	1401.8	1556.6	1718.0	1873.8	1995.3	2038.4
25°	977.1	1104.8	1186.0	1274.1	1374.7	1508.1	1679.7	1859.0	2012.4	2115.1	2168.0
22.5°	1062.1	1187.9	1275.2	1349.8	1481.3	1635.0	1794.3	1996.9	2159.4	2241.4	2298.7
20°	1149.7	1292.2	1426.9	1496.3	1610.1	1804.7	1983.0	2174.3	2331.3	2416.6	2477.1
17.5°	1272.1	1453.6	1618.8	1717.0	1838.9	2071.7	2294.2	2487.7	2706.0	2783.1	2857.0
15°	1401.1	1611.1	1804.7	1960.3	2117.7	2348.4	2634.8	2868.3	3117.4	3228.7	3354.5
12.5°	1529.6	1728.4	1903.8	2104.5	2326.4	2530.4	2803.1	3093.9	3320.0	3461.9	3546.6
10°	1625.8	1810.4	1979.2	2180.4	2401.9	2632.6	2903.5	3201.7	3438.3	3559.4	3628.5
7.5°	1677.7	1854.4	2032.4	2236.3	2456.8	2702.5	2981.7	3277.4	3519.4	3636.7	3704.9
5°	1716.2	1885.9	2070.2	2284.9	2507.8	2757.0	3035.8	3328.0	3548.7	3673.3	3759.6
2.5°	1739.5	1905.9	2094.3	2316.3	2539.8	2799.3	3091.5	3394.5	3587.6	3687.8	3767.2
0°	1746.3	1913.8	2107.8	2332.7	2562.0	2823.7	3113.3	3413.1	3608.6	3705.6	3786.5
-2.5°	1753.9	1926.4	2125.7	2343.4	2570.8	2831.7	3127.3	3419.5	3595.3	3693.2	3770.1
-5°	1748.6	1927.3	2126.1	2334.6	2563.4	2822.2	3106.0	3379.2	3563.2	3669.0	3745.5
-7.5°	1732.8	1914.1	2110.8	2311.1	2535.6	2797.4	3079.9	3343.0	3529.4	3641.0	3724.7
-10°	1709.7	1885.8	2083.8	2286.7	2508.6	2757.7	3035.9	3297.4	3475.8	3594.3	3691.9
-12.5°	1684.2	1856.6	2047.5	2242.1	2461.5	2707.6	2977.2	3224.7	3402.0	3531.2	3601.0
-15°	1646.4	1818.7	2001.2	2189.4	2403.3	2642.0	2899.5	3137.0	3311.1	3416.3	3493.3
-17.5°	1598.3	1767.4	1940.4	2118.9	2320.4	2555.5	2814.6	3048.8	3190.7	3284.7	3360.3
-20°	1546.7	1703.1	1867.0	2035.5	2230.8	2463.7	2718.2	2922.5	3056.2	3146.5	3218.0



REPORT NUMBER: P626740 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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°	1487.9	1638.5	1788.5	1949.6	2141.1	2354.6	2579.4	2776.8	2920.6	3002.8	3068.8
-25°	1420.7	1567.2	1709.7	1865.3	2041.3	2233.2	2442.1	2636.2	2765.0	2852.3	2917.8
-27.5°	1348.4	1486.0	1625.2	1764.9	1923.1	2114.4	2307.9	2488.1	2598.1	2686.1	2752.0
-30°	1276.2	1400.0	1528.8	1661.0	1809.5	1981.9	2163.0	2314.5	2430.4	2515.9	2577.1
-32.5°	1198.0	1315.5	1429.5	1553.1	1692.9	1844.9	2003.7	2147.9	2271.8	2350.1	2401.7
-35°	1117.8	1231.6	1336.0	1448.2	1571.4	1702.6	1849.2	1991.4	2113.8	2175.7	2226.0
-37.5°	1034.4	1147.7	1246.7	1340.5	1446.7	1568.1	1710.9	1846.6	1952.4	2005.6	2050.9
-40°	961.8	1061.6	1150.7	1240.4	1326.8	1434.6	1567.9	1699.2	1784.1	1836.0	1878.1
-42.5°	891.3	975.5	1048.5	1128.9	1215.3	1321.6	1429.2	1539.3	1607.5	1665.1	1709.4
-45°	809.2	884.5	952.9	1019.8	1098.6	1195.7	1293.4	1381.6	1445.4	1501.1	1544.3
-47.5°	718.5	791.1	857.6	917.3	990.6	1071.6	1153.8	1227.2	1290.3	1345.3	1383.8
-50°	633.9	698.8	763.7	824.2	887.6	953.1	1019.8	1084.3	1144.1	1197.6	1230.4
-52.5°	558.1	618.0	674.7	727.6	783.1	838.4	893.7	952.7	1007.8	1058.4	1084.6
-55°	489.5	543.5	594.7	639.2	683.8	727.7	775.1	829.5	880.3	927.2	946.0
-57.5°	428.0	474.2	519.5	557.2	593.5	628.4	670.0	716.0	760.4	800.6	816.0
-60°	371.4	408.1	445.9	479.4	511.1	541.0	577.3	614.3	650.3	680.6	693.6
-62.5°	319.3	350.7	379.4	406.5	433.4	460.4	489.6	519.0	548.1	571.4	583.2
-65°	269.1	294.0	317.1	339.4	361.1	383.8	406.7	429.0	450.5	467.2	477.4
-67.5°	222.0	241.0	259.2	276.7	294.8	313.2	331.1	348.1	364.3	377.2	387.0
-70°	180.2	194.9	209.2	223.6	238.7	253.0	266.5	279.3	291.3	300.6	308.2
-72.5°	145.3	157.2	169.6	182.5	194.8	205.4	215.1	224.4	233.4	238.6	242.6
-75°	117.1	127.1	137.9	148.4	158.6	166.7	173.9	180.8	187.4	187.7	186.4
-77.5°	94.6	103.6	111.9	120.2	128.3	133.3	137.7	142.1	146.6	144.0	139.9
-80°	69.4	76.9	84.0	91.1	98.2	101.1	103.2	105.0	106.5	103.1	98.8
-82.5°	46.0	50.8	55.4	60.1	64.8	66.7	68.1	69.3	70.2	67.1	63.5
-85°	25.7	28.0	30.2	32.4	34.7	36.0	37.2	38.4	39.4	37.5	35.4
-87.5°	10.7	11.2	11.7	12.2	12.6	13.1	13.6	14.0	14.5	14.6	14.6
-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: P626740 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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°	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.4
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	0.8	1.0	1.1	1.1
62.5°	2.7	2.8	2.9	2.9	2.9	2.8	2.7	2.5	2.5	2.6	2.8
60°	5.2	4.5	4.4	4.4	4.4	4.5	5.2	5.6	5.8	8.5	10.0
57.5°	40.7	34.9	35.8	39.7	35.8	34.9	40.7	44.1	44.3	51.5	51.7
55°	190.4	212.5	220.4	216.1	220.4	212.5	190.4	167.0	144.7	137.7	137.8
52.5°	258.0	267.1	270.6	270.5	270.6	267.1	258.0	245.8	230.4	215.2	200.3
50°	335.9	332.8	328.1	323.4	328.1	332.8	335.9	332.4	320.8	298.3	262.3
47.5°	560.5	550.8	546.7	554.2	546.7	550.8	560.5	554.2	511.1	455.1	413.8
45°	744.9	756.3	764.8	764.4	764.8	756.3	744.9	735.4	688.6	624.5	558.6
42.5°	849.9	856.0	857.7	855.5	857.7	856.0	849.9	839.3	785.2	716.7	641.3
40°	943.4	950.6	954.7	958.4	954.7	950.6	943.4	929.5	885.1	821.3	750.4
37.5°	1081.3	1084.0	1078.2	1074.5	1078.2	1084.0	1081.3	1072.5	1045.9	964.4	906.8
35°	1419.4	1426.4	1410.3	1427.3	1410.3	1426.4	1419.4	1384.8	1343.6	1295.4	1164.1
32.5°	1743.7	1776.2	1802.4	1824.2	1802.4	1776.2	1743.7	1710.6	1682.7	1589.6	1418.1
30°	1927.5	1948.4	1959.6	1962.3	1959.6	1948.4	1927.5	1901.6	1864.7	1745.6	1586.9
27.5°	2062.3	2084.2	2097.9	2107.8	2097.9	2084.2	2062.3	2038.4	1995.3	1873.8	1718.0
25°	2192.3	2212.4	2226.0	2231.3	2226.0	2212.4	2192.3	2168.0	2115.1	2012.4	1859.0
22.5°	2327.2	2341.1	2354.2	2360.7	2354.2	2341.1	2327.2	2298.7	2241.4	2159.4	1996.9
20°	2520.5	2512.9	2524.9	2520.9	2524.9	2512.9	2520.5	2477.1	2416.6	2331.3	2174.3
17.5°	2914.6	2918.6	2926.7	2939.8	2926.7	2918.6	2914.6	2857.0	2783.1	2706.0	2487.7
15°	3410.1	3420.1	3470.8	3516.0	3470.8	3420.1	3410.1	3354.5	3228.7	3117.4	2868.3
12.5°	3625.1	3659.6	3665.0	3677.7	3665.0	3659.6	3625.1	3546.6	3461.9	3320.0	3093.9
10°	3696.9	3756.6	3755.3	3770.3	3755.3	3756.6	3696.9	3628.5	3559.4	3438.3	3201.7
7.5°	3751.2	3815.4	3842.6	3854.1	3842.6	3815.4	3751.2	3704.9	3636.7	3519.4	3277.4
5°	3817.7	3853.0	3899.8	3886.4	3899.8	3853.0	3817.7	3759.6	3673.3	3548.7	3328.0
2.5°	3845.6	3900.8	3888.1	3901.1	3888.1	3900.8	3845.6	3767.2	3687.8	3587.6	3394.5
0°	3864.4	3904.1	3910.0	3923.2	3910.0	3904.1	3864.4	3786.5	3705.6	3608.6	3413.1
-2.5°	3841.6	3876.5	3937.7	3918.8	3937.7	3876.5	3841.6	3770.1	3693.2	3595.3	3419.5
-5°	3821.6	3907.6	3874.2	3915.8	3874.2	3907.6	3821.6	3745.5	3669.0	3563.2	3379.2
-7.5°	3811.3	3826.7	3848.8	3880.6	3848.8	3826.7	3811.3	3724.7	3641.0	3529.4	3343.0
-10°	3731.5	3747.2	3787.9	3810.0	3787.9	3747.2	3731.5	3691.9	3594.3	3475.8	3297.4
-12.5°	3645.0	3675.4	3718.2	3732.1	3718.2	3675.4	3645.0	3601.0	3531.2	3402.0	3224.7
-15°	3545.3	3590.5	3632.2	3641.0	3632.2	3590.5	3545.3	3493.3	3416.3	3311.1	3137.0
-17.5°	3418.6	3472.8	3516.6	3526.3	3516.6	3472.8	3418.6	3360.3	3284.7	3190.7	3048.8
-20°	3278.9	3330.9	3368.1	3379.3	3368.1	3330.9	3278.9	3218.0	3146.5	3056.2	2922.5



REPORT NUMBER: P626740 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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°	3129.4	3176.1	3207.6	3202.9	3207.6	3176.1	3129.4	3068.8	3002.8	2920.6	2776.8
-25°	2970.6	3014.0	3044.0	3039.8	3044.0	3014.0	2970.6	2917.8	2852.3	2765.0	2636.2
-27.5°	2802.8	2843.9	2872.7	2873.7	2872.7	2843.9	2802.8	2752.0	2686.1	2598.1	2488.1
-30°	2626.4	2663.8	2687.2	2678.2	2687.2	2663.8	2626.4	2577.1	2515.9	2430.4	2314.5
-32.5°	2444.6	2478.3	2499.8	2506.2	2499.8	2478.3	2444.6	2401.7	2350.1	2271.8	2147.9
-35°	2265.1	2294.9	2313.4	2318.0	2313.4	2294.9	2265.1	2226.0	2175.7	2113.8	1991.4
-37.5°	2086.9	2112.5	2125.4	2119.6	2125.4	2112.5	2086.9	2050.9	2005.6	1952.4	1846.6
-40°	1910.8	1935.2	1950.0	1953.5	1950.0	1935.2	1910.8	1878.1	1836.0	1784.1	1699.2
-42.5°	1737.6	1757.9	1770.9	1777.1	1770.9	1757.9	1737.6	1709.4	1665.1	1607.5	1539.3
-45°	1569.5	1587.6	1599.8	1606.6	1599.8	1587.6	1569.5	1544.3	1501.1	1445.4	1381.6
-47.5°	1405.9	1421.8	1432.4	1437.6	1432.4	1421.8	1405.9	1383.8	1345.3	1290.3	1227.2
-50°	1249.6	1263.3	1273.1	1278.8	1273.1	1263.3	1249.6	1230.4	1197.6	1144.1	1084.3
-52.5°	1101.3	1113.3	1121.6	1125.9	1121.6	1113.3	1101.3	1084.6	1058.4	1007.8	952.7
-55°	959.7	969.4	977.2	981.9	977.2	969.4	959.7	946.0	927.2	880.3	829.5
-57.5°	827.6	835.6	842.9	848.1	842.9	835.6	827.6	816.0	800.6	760.4	716.0
-60°	704.0	711.5	717.7	721.7	717.7	711.5	704.0	693.6	680.6	650.3	614.3
-62.5°	592.4	599.1	604.8	608.5	604.8	599.1	592.4	583.2	571.4	548.1	519.0
-65°	485.5	491.5	495.8	498.3	495.8	491.5	485.5	477.4	467.2	450.5	429.0
-67.5°	395.4	402.2	403.6	402.8	403.6	402.2	395.4	387.0	377.2	364.3	348.1
-70°	314.9	320.7	322.1	321.9	322.1	320.7	314.9	308.2	300.6	291.3	279.3
-72.5°	246.2	249.4	246.7	242.5	246.7	249.4	246.2	242.6	238.6	233.4	224.4
-75°	184.7	182.7	179.9	176.4	179.9	182.7	184.7	186.4	187.7	187.4	180.8
-77.5°	135.3	130.3	127.0	123.5	127.0	130.3	135.3	139.9	144.0	146.6	142.1
-80°	94.2	89.3	85.9	82.3	85.9	89.3	94.2	98.8	103.1	106.5	105.0
-82.5°	59.7	55.7	53.6	51.4	53.6	55.7	59.7	63.5	67.1	70.2	69.3
-85°	33.2	30.8	29.4	27.9	29.4	30.8	33.2	35.4	37.5	39.4	38.4
-87.5°	14.6	14.7	13.9	13.2	13.9	14.7	14.6	14.6	14.6	14.5	14.0
-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: P626740 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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°	8.1	7.7	7.3	7.0	6.6	6.3	5.9	5.5	5.2	4.8	4.4
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	0.6	0.8	0.8	0.7	0.8	0.9	0.8	0.8
65°	0.9	0.5	0.4	0.7	1.1	1.5	1.6	1.4	1.4	1.6	1.8
62.5°	2.9	3.1	2.6	2.2	1.9	2.2	2.3	2.5	2.2	1.8	2.3
60°	8.8	5.4	7.8	8.4	6.7	5.8	8.7	8.3	4.3	3.7	3.3
57.5°	42.6	35.7	39.2	35.6	24.4	21.3	22.0	21.0	19.0	11.7	5.0
55°	147.0	125.9	98.9	85.5	82.3	63.0	46.9	39.2	35.5	25.7	17.0
52.5°	186.7	173.5	153.1	125.0	110.0	104.3	89.2	71.3	56.7	45.3	32.6
50°	234.1	237.6	216.6	177.6	162.2	145.6	130.9	110.2	91.6	73.5	54.3
47.5°	381.9	355.8	334.7	305.6	250.3	215.1	191.9	158.2	132.7	110.7	87.0
45°	509.2	479.3	458.7	413.6	354.8	300.3	263.8	221.5	176.4	147.1	125.5
42.5°	599.6	560.9	527.1	490.3	434.2	372.6	322.6	280.7	233.4	185.7	157.0
40°	688.1	626.7	593.2	560.2	507.3	438.3	399.4	337.8	288.4	235.6	196.4
37.5°	820.0	715.6	703.7	672.0	612.2	540.4	496.6	435.9	344.2	294.4	249.4
35°	1043.0	935.4	873.3	842.2	764.6	673.1	601.0	544.3	453.3	355.3	303.5
32.5°	1288.8	1152.6	1058.3	1013.9	930.7	806.5	717.6	645.5	554.1	443.2	360.0
30°	1427.6	1303.4	1189.8	1113.9	1033.0	926.2	824.2	722.4	623.2	531.4	421.3
27.5°	1556.6	1401.8	1279.4	1193.7	1118.0	1015.3	902.4	793.3	684.3	593.6	495.4
25°	1679.7	1508.1	1374.7	1274.1	1186.0	1104.8	977.1	857.9	744.1	643.9	567.1
22.5°	1794.3	1635.0	1481.3	1349.8	1275.2	1187.9	1062.1	917.6	806.5	722.2	631.8
20°	1983.0	1804.7	1610.1	1496.3	1426.9	1292.2	1149.7	1006.9	904.9	808.4	702.0
17.5°	2294.2	2071.7	1838.9	1717.0	1618.8	1453.6	1272.1	1130.4	1003.0	895.4	778.4
15°	2634.8	2348.4	2117.7	1960.3	1804.7	1611.1	1401.1	1248.0	1103.2	982.2	848.6
12.5°	2803.1	2530.4	2326.4	2104.5	1903.8	1728.4	1529.6	1360.9	1196.6	1038.9	892.0
10°	2903.5	2632.6	2401.9	2180.4	1979.2	1810.4	1625.8	1425.8	1243.3	1076.4	928.2
7.5°	2981.7	2702.5	2456.8	2236.3	2032.4	1854.4	1677.7	1468.0	1280.7	1106.8	957.3
5°	3035.8	2757.0	2507.8	2284.9	2070.2	1885.9	1716.2	1500.0	1308.5	1129.8	979.3
2.5°	3091.5	2799.3	2539.8	2316.3	2094.3	1905.9	1739.5	1524.4	1331.1	1146.8	997.7
0°	3113.3	2823.7	2562.0	2332.7	2107.8	1913.8	1746.3	1540.5	1346.4	1156.8	1009.8
-2.5°	3127.3	2831.7	2570.8	2343.4	2125.7	1926.4	1753.9	1558.5	1351.3	1167.6	1013.2
-5°	3106.0	2822.2	2563.4	2334.6	2126.1	1927.3	1748.6	1561.1	1350.1	1170.5	1010.6
-7.5°	3079.9	2797.4	2535.6	2311.1	2110.8	1914.1	1732.8	1549.5	1345.5	1165.8	1005.7
-10°	3035.9	2757.7	2508.6	2286.7	2083.8	1885.8	1709.7	1527.3	1330.4	1152.4	994.0
-12.5°	2977.2	2707.6	2461.5	2242.1	2047.5	1856.6	1684.2	1496.7	1304.8	1130.2	975.5
-15°	2899.5	2642.0	2403.3	2189.4	2001.2	1818.7	1646.4	1462.7	1279.8	1102.8	950.1
-17.5°	2814.6	2555.5	2320.4	2118.9	1940.4	1767.4	1598.3	1427.1	1251.0	1077.1	927.2
-20°	2718.2	2463.7	2230.8	2035.5	1867.0	1703.1	1546.7	1387.2	1211.0	1047.6	903.3



REPORT NUMBER: P626740 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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°	2579.4	2354.6	2141.1	1949.6	1788.5	1638.5	1487.9	1333.7	1159.2	1010.5	870.7
-25°	2442.1	2233.2	2041.3	1865.3	1709.7	1567.2	1420.7	1267.9	1113.0	967.0	830.8
-27.5°	2307.9	2114.4	1923.1	1764.9	1625.2	1486.0	1348.4	1203.8	1061.1	918.1	793.3
-30°	2163.0	1981.9	1809.5	1661.0	1528.8	1400.0	1276.2	1141.2	1000.9	865.1	752.9
-32.5°	2003.7	1844.9	1692.9	1553.1	1429.5	1315.5	1198.0	1070.0	931.3	815.6	706.1
-35°	1849.2	1702.6	1571.4	1448.2	1336.0	1231.6	1117.8	989.7	867.9	759.3	653.2
-37.5°	1710.9	1568.1	1446.7	1340.5	1246.7	1147.7	1034.4	920.7	806.2	696.7	604.1
-40°	1567.9	1434.6	1326.8	1240.4	1150.7	1061.6	961.8	856.0	743.1	636.1	555.8
-42.5°	1429.2	1321.6	1215.3	1128.9	1048.5	975.5	891.3	784.6	680.7	587.8	510.7
-45°	1293.4	1195.7	1098.6	1019.8	952.9	884.5	809.2	712.2	619.0	539.2	466.4
-47.5°	1153.8	1071.6	990.6	917.3	857.6	791.1	718.5	636.3	559.9	488.0	423.5
-50°	1019.8	953.1	887.6	824.2	763.7	698.8	633.9	567.6	499.4	436.7	378.2
-52.5°	893.7	838.4	783.1	727.6	674.7	618.0	558.1	499.1	439.1	386.7	334.5
-55°	775.1	727.7	683.8	639.2	594.7	543.5	489.5	436.4	388.5	340.4	297.8
-57.5°	670.0	628.4	593.5	557.2	519.5	474.2	428.0	383.1	343.3	303.5	264.1
-60°	577.3	541.0	511.1	479.4	445.9	408.1	371.4	335.8	301.4	269.0	235.0
-62.5°	489.6	460.4	433.4	406.5	379.4	350.7	319.3	290.6	264.0	236.6	205.9
-65°	406.7	383.8	361.1	339.4	317.1	294.0	269.1	246.4	224.6	202.4	175.9
-67.5°	331.1	313.2	294.8	276.7	259.2	241.0	222.0	203.0	185.3	167.2	145.7
-70°	266.5	253.0	238.7	223.6	209.2	194.9	180.2	164.9	148.7	133.9	119.1
-72.5°	215.1	205.4	194.8	182.5	169.6	157.2	145.3	133.3	121.0	108.3	95.4
-75°	173.9	166.7	158.6	148.4	137.9	127.1	117.1	106.8	95.6	83.3	71.3
-77.5°	137.7	133.3	128.3	120.2	111.9	103.6	94.6	83.4	72.0	60.6	50.7
-80°	103.2	101.1	98.2	91.1	84.0	76.9	69.4	59.6	49.9	40.7	33.4
-82.5°	68.1	66.7	64.8	60.1	55.4	50.8	46.0	39.2	32.7	26.6	21.1
-85°	37.2	36.0	34.7	32.4	30.2	28.0	25.7	22.0	18.4	15.1	12.2
-87.5°	13.6	13.1	12.6	12.2	11.7	11.2	10.7	9.6	8.5	7.5	6.5
-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: P626740 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.0	3.7	3.3
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	0.2	0.5
82.5°	0.0	0.0	0.0	0.0	0.2	0.4	0.4	0.4	0.2	0.0	0.1
80°	0.0	0.0	0.0	0.0	0.4	0.8	1.0	1.0	0.8	0.5	0.3
77.5°	0.0	0.0	0.0	0.0	0.2	0.4	0.9	1.4	1.4	1.0	0.7
75°	0.0	0.0	0.0	0.1	0.1	0.0	0.3	0.8	1.2	1.5	1.2
72.5°	0.0	0.0	0.0	0.2	0.4	0.4	0.2	0.3	0.9	1.3	1.5
70°	0.2	0.1	0.0	0.2	0.6	0.9	0.9	0.7	0.6	1.1	1.4
67.5°	0.7	0.8	0.6	0.4	0.7	1.0	1.4	1.3	1.1	1.0	1.4
65°	1.7	1.6	1.5	1.3	1.1	1.1	1.5	1.8	1.7	1.5	1.4
62.5°	2.6	2.5	2.4	2.1	1.9	1.7	1.6	2.0	2.2	2.0	1.7
60°	3.3	3.4	3.3	3.0	2.7	2.4	2.2	2.3	2.6	2.5	2.1
57.5°	4.6	4.4	4.4	3.9	3.5	3.1	2.9	2.9	2.9	2.9	2.5
55°	8.1	5.6	5.6	5.2	4.5	3.9	3.7	3.6	3.4	3.3	2.9
52.5°	20.5	11.4	7.3	6.7	5.8	4.8	4.4	4.3	4.0	3.8	3.4
50°	37.7	24.5	13.9	8.7	7.3	6.3	5.2	4.9	4.7	4.4	3.8
47.5°	60.4	42.0	27.3	13.7	9.5	7.8	6.5	5.6	5.3	4.9	4.2
45°	93.0	61.9	42.9	27.1	12.7	10.9	8.1	6.3	5.9	5.4	4.6
42.5°	129.3	90.7	60.2	41.0	24.3	15.1	9.7	7.7	6.5	6.0	5.1
40°	165.0	125.4	80.8	56.4	36.7	20.2	13.9	9.2	7.1	6.6	5.6
37.5°	204.5	162.0	113.2	73.0	49.3	30.8	19.1	10.7	8.1	7.2	6.1
35°	253.3	202.7	145.6	97.2	65.2	40.6	24.8	13.6	9.9	7.8	6.6
32.5°	302.1	243.3	180.6	125.4	81.9	49.7	32.3	19.4	12.1	8.5	7.2
30°	351.1	280.5	213.6	151.5	101.1	64.3	40.3	25.1	14.6	9.2	7.7
27.5°	395.3	315.6	244.5	178.7	123.6	79.7	48.7	30.5	17.4	10.4	8.3
25°	445.2	353.6	274.9	204.8	144.2	95.7	57.4	35.9	21.4	12.5	8.9
22.5°	509.4	392.5	303.0	228.4	164.6	111.1	68.5	42.9	25.8	14.8	9.5
20°	573.2	430.6	330.6	258.0	186.8	128.3	81.3	50.0	30.0	17.1	10.1
17.5°	635.9	479.4	370.7	288.3	210.5	144.5	93.3	56.9	34.0	19.5	10.6
15°	692.1	535.3	410.2	316.9	233.8	159.4	104.4	63.6	37.7	21.9	11.4
12.5°	739.2	583.5	447.3	343.6	256.2	173.1	114.6	70.0	41.1	24.5	12.4
10°	778.2	624.2	481.8	368.3	277.3	185.3	123.7	76.4	45.1	27.3	13.5
7.5°	809.3	657.9	513.1	390.8	296.5	196.8	133.5	83.2	49.0	30.0	14.5
5°	832.8	684.2	537.4	406.9	311.8	207.4	142.6	89.5	52.6	32.4	15.6
2.5°	848.0	703.5	555.3	419.5	324.2	216.2	150.5	95.1	55.9	34.7	16.6
0°	857.0	717.3	568.9	429.2	333.7	223.4	157.3	100.0	58.8	36.7	17.6
-2.5°	865.0	726.3	580.7	446.1	340.2	235.2	161.6	104.4	63.4	38.2	19.4
-5°	867.6	730.3	588.5	459.1	344.1	244.8	164.7	107.9	67.5	39.4	21.1
-7.5°	863.2	727.9	591.2	466.5	346.0	251.5	166.4	110.7	70.8	40.3	22.5
-10°	853.2	720.1	587.6	464.3	348.5	253.6	167.4	112.8	73.2	41.0	23.7
-12.5°	838.5	708.2	579.9	459.4	348.0	252.3	170.2	114.4	74.5	41.5	24.6
-15°	819.2	692.6	568.1	452.1	343.8	249.2	170.9	114.9	74.4	42.3	25.1
-17.5°	796.4	673.7	552.3	442.8	335.7	244.7	169.3	114.2	73.6	43.6	25.7
-20°	773.7	652.8	533.5	431.9	323.3	238.8	165.4	112.1	72.3	44.4	26.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626740 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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°	747.0	628.7	517.3	416.6	310.0	231.6	159.0	108.6	70.3	44.8	26.4
-25°	716.3	600.6	497.7	395.5	299.6	223.5	152.3	103.5	67.8	44.6	26.3
-27.5°	681.7	570.5	474.8	372.5	288.7	212.2	146.0	99.8	65.7	44.0	25.9
-30°	643.0	542.2	447.3	350.3	275.4	200.0	137.7	95.6	64.7	43.2	25.2
-32.5°	601.3	510.3	417.8	333.5	260.3	187.3	130.4	90.9	63.1	42.1	25.3
-35°	562.2	475.7	387.6	314.0	244.2	179.8	125.6	85.6	60.9	40.7	25.4
-37.5°	520.3	439.4	363.8	293.7	227.3	171.2	121.6	83.3	57.9	38.8	25.3
-40°	480.1	404.9	336.2	274.4	214.8	161.5	115.4	80.7	55.1	36.5	25.0
-42.5°	439.3	372.5	309.8	253.3	203.0	152.1	107.5	76.7	52.8	35.2	24.4
-45°	401.8	339.0	281.7	234.9	189.8	140.1	101.4	71.7	50.0	34.2	23.9
-47.5°	362.3	305.0	256.0	214.8	172.7	127.0	93.6	67.7	46.6	33.0	23.5
-50°	321.6	272.7	232.0	192.7	151.7	116.1	85.3	63.0	45.4	32.0	22.9
-52.5°	286.0	244.4	207.4	170.0	135.8	103.3	79.0	58.0	43.8	31.2	22.1
-55°	255.4	217.4	183.2	151.3	120.7	93.9	71.9	55.5	41.8	30.2	21.1
-57.5°	228.2	192.4	163.4	134.7	108.1	84.9	66.8	52.7	39.7	28.7	20.2
-60°	201.9	172.5	145.3	119.8	96.4	77.1	62.9	49.4	37.2	26.9	19.2
-62.5°	177.5	151.6	128.0	104.9	85.8	70.8	58.4	45.5	34.3	24.7	18.0
-65°	152.0	129.9	109.9	91.8	76.3	63.4	52.6	41.1	30.4	22.0	16.3
-67.5°	125.4	109.2	93.6	78.5	65.8	55.0	45.9	35.3	25.9	18.9	14.3
-70°	104.4	90.1	76.9	65.1	54.7	45.9	37.5	28.6	20.9	16.2	12.2
-72.5°	83.1	71.5	60.7	51.2	43.8	36.3	28.7	21.9	17.3	13.4	9.9
-75°	61.5	53.7	46.6	40.0	33.4	26.8	21.9	17.4	13.7	10.4	8.4
-77.5°	44.6	38.9	33.7	29.6	25.0	20.7	16.5	12.8	10.4	8.6	7.0
-80°	30.3	27.3	24.4	21.5	17.9	14.4	11.9	9.8	8.4	7.0	5.7
-82.5°	19.1	17.5	16.1	14.6	12.5	10.5	8.9	7.4	6.3	5.2	4.6
-85°	11.3	10.4	9.6	8.8	7.6	6.6	6.1	5.7	5.2	4.7	4.2
-87.5°	6.4	6.3	6.2	6.1	5.8	5.5	5.3	5.0	4.6	4.2	3.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.7	1.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626740 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	2.9	2.6	2.2	1.8	1.5	1.5	1.5
87.5°	1.1	1.3	1.4	1.5	1.5	1.5	1.5
85°	0.7	1.0	1.2	1.4	1.5	1.5	1.5
82.5°	0.4	0.8	1.1	1.4	1.5	1.5	1.5
80°	0.1	0.6	1.0	1.3	1.5	1.5	1.5
77.5°	0.5	0.5	0.9	1.3	1.5	1.5	1.5
75°	0.8	0.7	0.8	1.2	1.5	1.5	1.5
72.5°	1.2	1.0	1.0	1.2	1.5	1.5	1.5
70°	1.5	1.2	1.1	1.2	1.5	1.5	1.5
67.5°	1.5	1.4	1.2	1.3	1.5	1.5	1.5
65°	1.6	1.6	1.3	1.3	1.5	1.5	1.5
62.5°	1.7	1.7	1.4	1.3	1.5	1.5	1.5
60°	1.8	1.8	1.5	1.4	1.5	1.5	1.5
57.5°	2.1	1.9	1.6	1.4	1.5	1.5	1.5
55°	2.5	2.1	1.8	1.5	1.5	1.5	1.5
52.5°	2.8	2.2	1.9	1.5	1.6	1.5	1.5
50°	3.2	2.5	2.1	1.5	1.6	1.5	1.5
47.5°	3.5	2.8	2.2	1.5	1.6	1.5	1.5
45°	3.9	3.1	2.4	1.7	1.7	1.5	1.5
42.5°	4.2	3.4	2.6	1.8	1.7	1.5	1.5
40°	4.5	3.7	2.8	2.0	1.8	1.5	1.5
37.5°	4.9	3.9	3.0	2.1	1.8	1.5	1.5
35°	5.2	4.2	3.2	2.3	1.9	1.5	1.5
32.5°	5.5	4.4	3.4	2.5	1.9	1.5	1.5
30°	6.0	4.7	3.6	2.7	2.0	1.5	1.5
27.5°	6.4	4.9	3.8	2.9	2.1	1.5	1.5
25°	6.8	5.1	4.1	3.0	2.2	1.5	1.5
22.5°	7.3	5.4	4.3	3.2	2.2	1.5	1.5
20°	7.7	5.6	4.5	3.4	2.3	1.5	1.5
17.5°	8.1	5.9	4.7	3.5	2.4	1.5	1.5
15°	8.5	6.1	4.9	3.7	2.5	1.5	1.5
12.5°	8.9	6.4	5.1	3.8	2.5	1.5	1.5
10°	9.2	6.6	5.3	3.9	2.6	1.5	1.5
7.5°	9.5	6.8	5.5	4.1	2.7	1.5	1.5
5°	9.8	7.0	5.6	4.2	2.8	1.5	1.5
2.5°	10.1	7.1	5.8	4.3	2.8	1.5	1.5
0°	10.3	7.3	5.9	4.4	2.9	1.5	1.5
-2.5°	10.9	7.5	6.0	4.4	2.9	1.5	1.5
-5°	11.4	7.6	6.1	4.4	2.9	1.5	1.5
-7.5°	11.8	7.7	6.2	4.4	2.9	1.5	1.5
-10°	12.2	7.8	6.3	4.3	2.9	1.5	1.5
-12.5°	12.5	7.9	6.3	4.3	2.8	1.5	1.5
-15°	12.7	8.0	6.3	4.2	2.8	1.5	1.5
-17.5°	12.7	8.1	6.3	4.2	2.8	1.5	1.5
-20°	13.1	8.1	6.3	4.1	2.7	1.5	1.5

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REPORT NUMBER: P626740 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	13.9	8.2	6.2	4.1	2.7	1.5	1.5
-25°	14.6	8.7	6.1	4.0	2.6	1.5	1.5
-27.5°	15.1	9.4	5.9	3.9	2.6	1.5	1.5
-30°	15.5	10.0	5.8	3.8	2.5	1.5	1.5
-32.5°	15.7	10.5	6.0	3.7	2.5	1.5	1.5
-35°	16.1	10.8	6.2	3.6	2.4	1.5	1.5
-37.5°	16.5	11.1	6.3	3.5	2.3	1.5	1.5
-40°	16.8	11.2	6.3	3.3	2.2	1.5	1.5
-42.5°	16.9	11.2	6.4	3.3	2.2	1.5	1.5
-45°	16.8	11.1	6.4	3.3	2.1	1.5	1.5
-47.5°	16.5	11.0	6.3	3.3	2.0	1.5	1.5
-50°	16.2	10.7	6.2	3.2	1.9	1.5	1.5
-52.5°	15.7	10.4	6.0	3.2	1.8	1.5	1.5
-55°	15.2	10.0	5.8	3.1	1.7	1.5	1.5
-57.5°	14.5	9.4	5.4	3.0	1.6	1.5	1.5
-60°	13.8	8.8	5.1	2.9	1.5	1.5	1.5
-62.5°	12.6	8.0	4.8	2.7	1.5	1.5	1.5
-65°	11.4	7.2	4.5	2.5	1.5	1.5	1.5
-67.5°	10.0	6.4	4.1	2.3	1.5	1.5	1.5
-70°	8.5	5.9	3.8	2.1	1.5	1.5	1.5
-72.5°	7.5	5.2	3.4	2.1	1.5	1.5	1.5
-75°	6.5	4.6	2.9	2.1	1.5	1.5	1.5
-77.5°	5.5	3.9	2.8	2.1	1.5	1.5	1.5
-80°	4.5	3.5	2.7	2.0	1.5	1.5	1.5
-82.5°	4.0	3.3	2.6	2.0	1.5	1.5	1.5
-85°	3.7	3.0	2.5	1.9	1.5	1.5	1.5
-87.5°	3.3	2.8	2.3	1.9	1.5	1.5	1.5
-90°	1.5	1.5	1.5	1.5	1.5	1.5	1.5

(END OF REPORT)