

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: P626910 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2C-730-U-VWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626910 (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-SA2C-730-U-VWR-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR
Light Source: (32) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

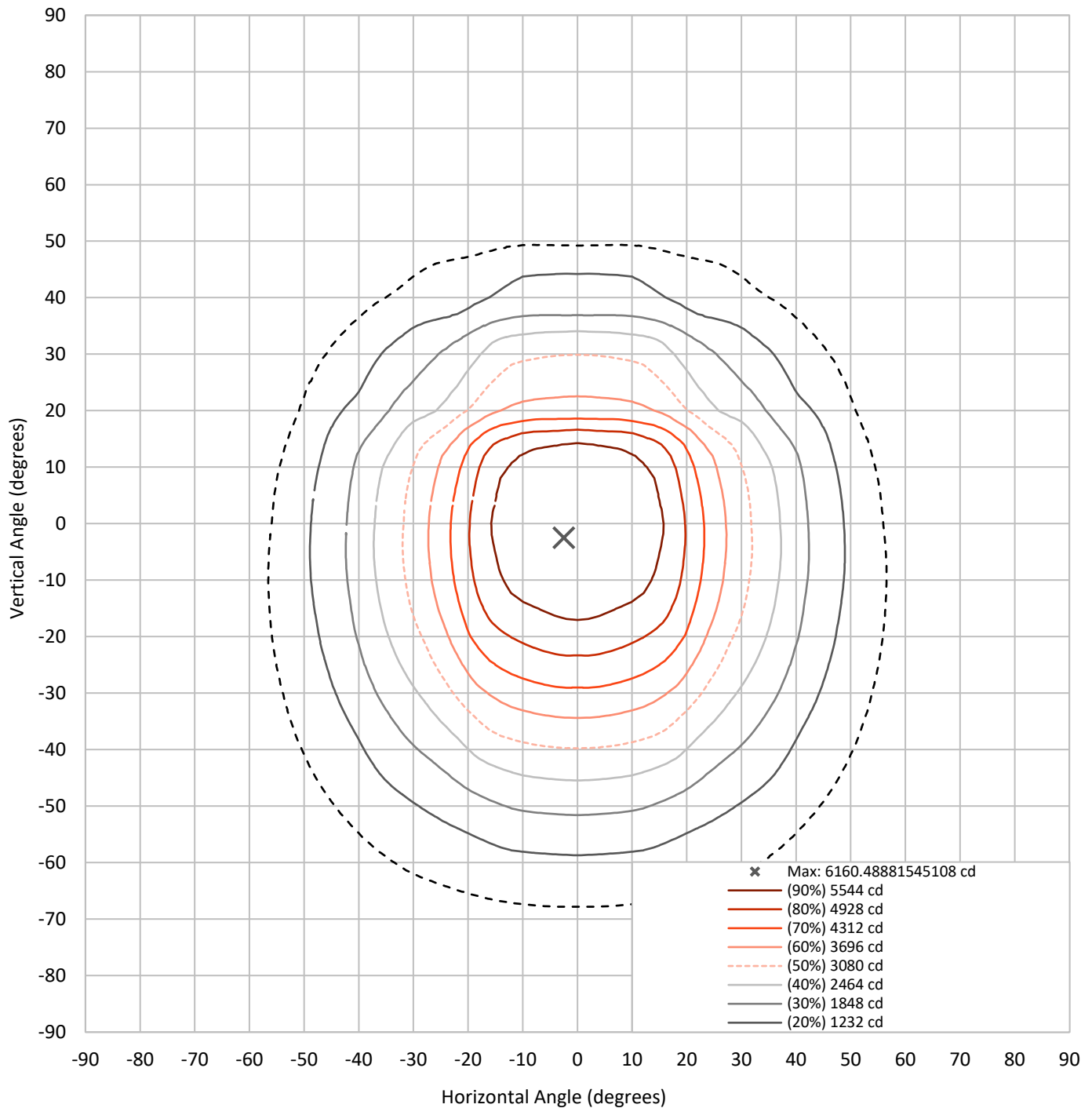
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	8221.4 lumens	Max Intensity:	6160.5 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	99.5 lumens/watt		
Luminous Opening:	Rectangular (W 1' 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:	4756.6 lumens	Field Lumens:	7801.6 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	82.6		
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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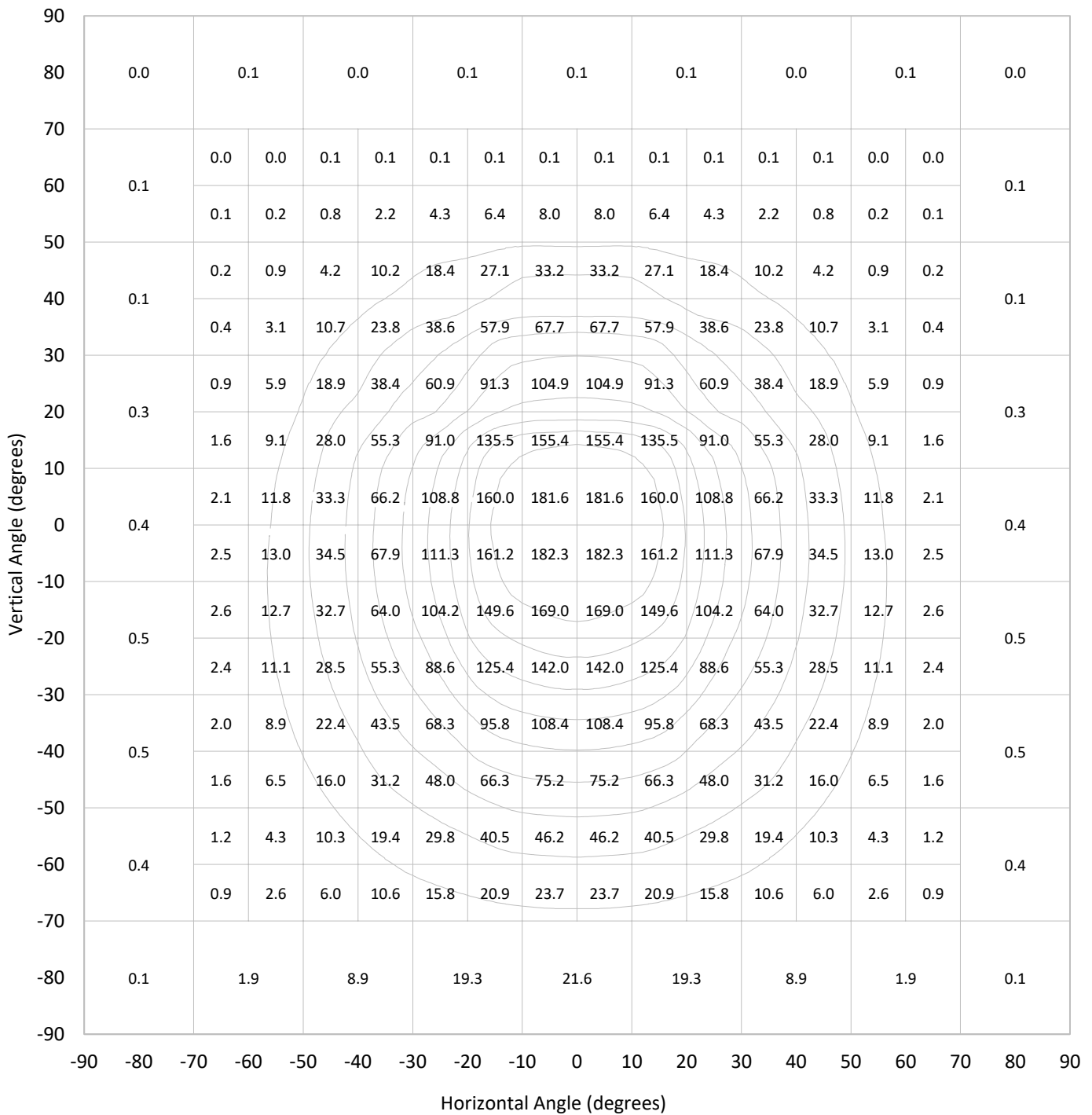
Iso-Candela Plot





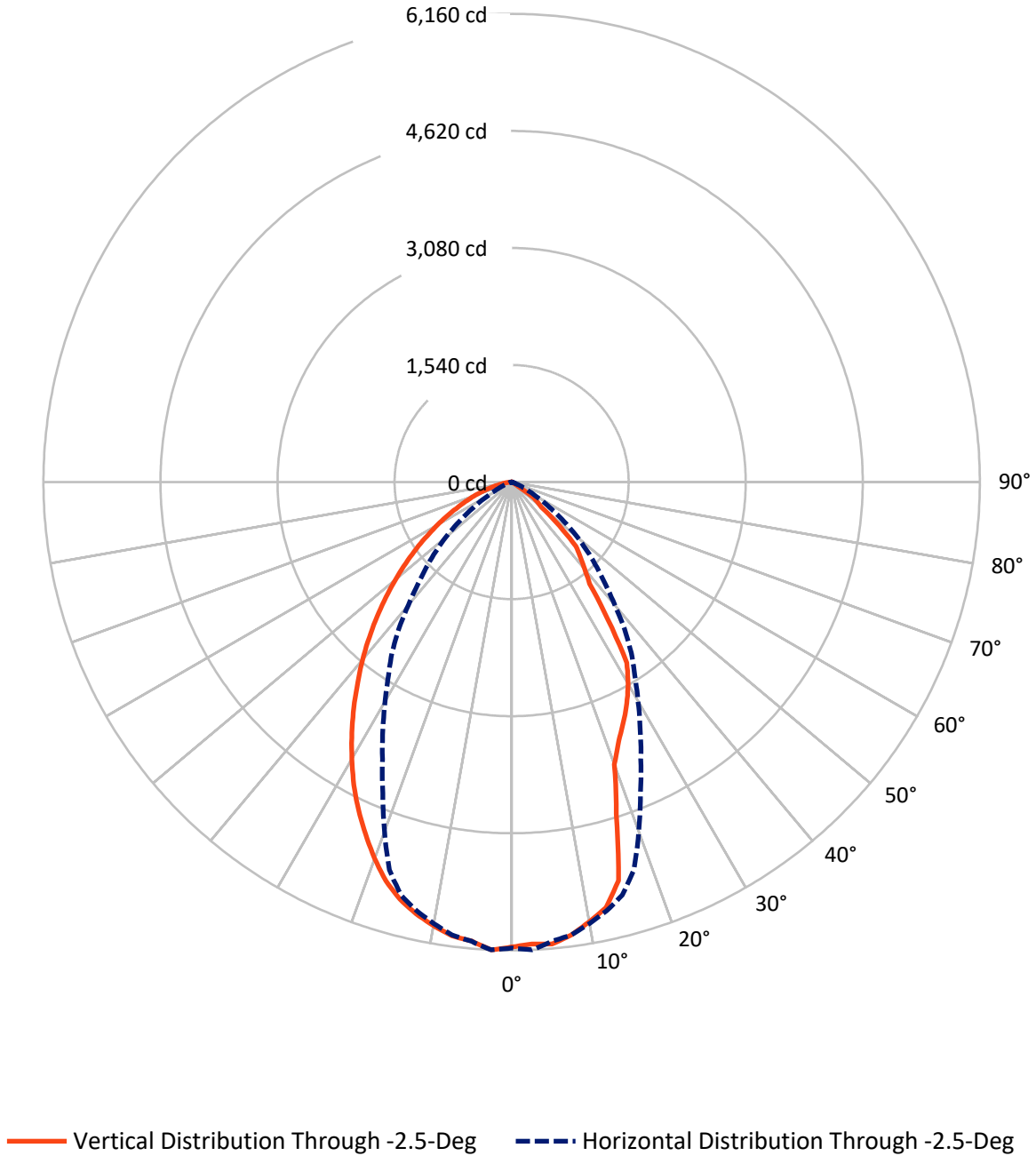
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Lumen Table



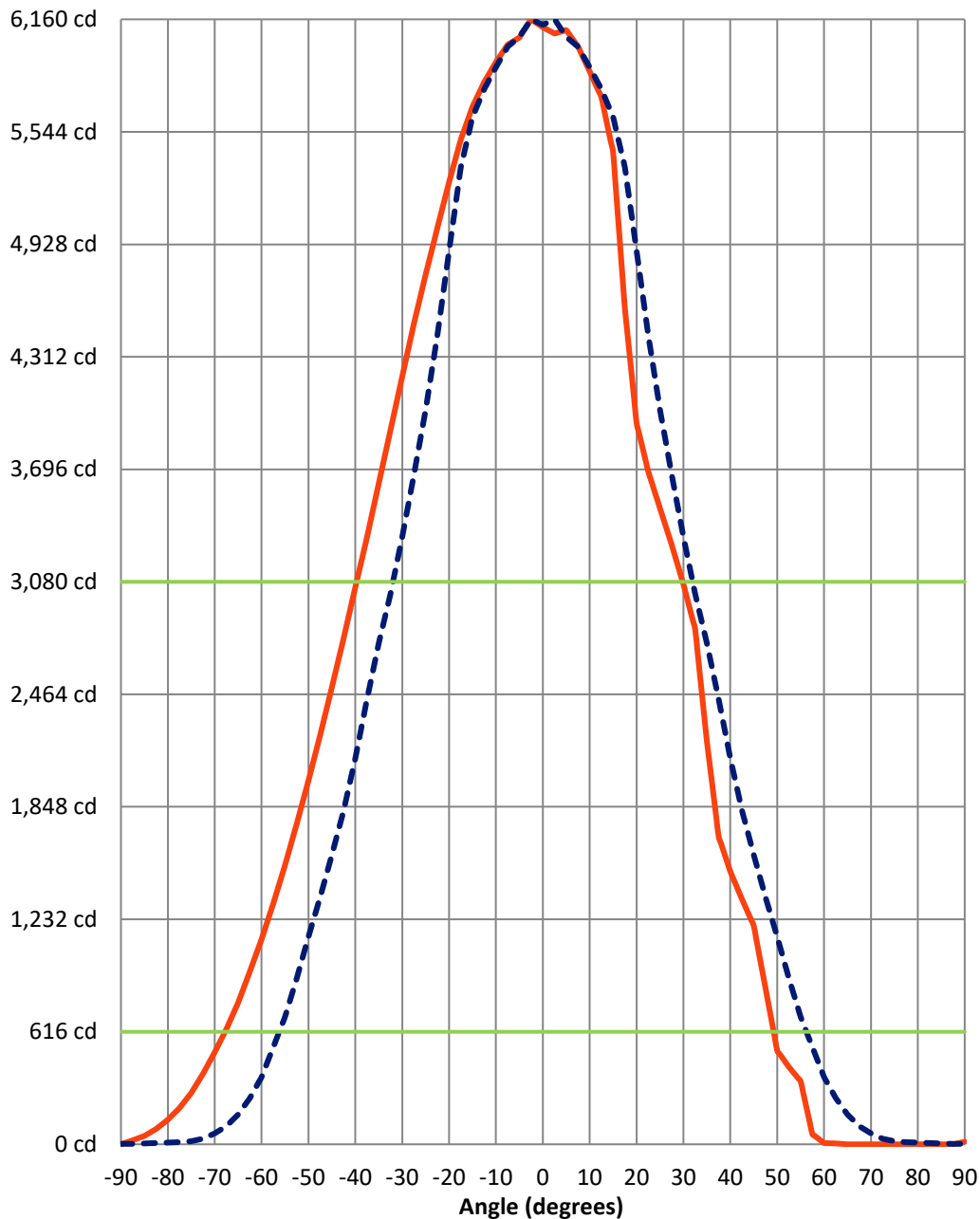
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 69.6°
 Lumens: 4756.6
 Efficiency: 57.9%

Field:
 H Angle: 112.5°
 V Angle: 117.1°
 Lumens: 7801.6
 Efficiency: 94.9%

Spill:
 Lumens: 419.8
 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°	2.3	2.3	2.3	2.9	3.5	4.0	4.6	5.2	5.8	6.3	6.9
87.5°	2.3	2.3	2.3	2.2	2.1	1.9	1.7	1.2	0.8	0.4	0.0
85°	2.3	2.3	2.3	2.2	1.9	1.6	1.1	0.7	0.4	0.1	0.0
82.5°	2.3	2.3	2.3	2.1	1.7	1.2	0.5	0.2	0.1	0.3	0.6
80°	2.3	2.3	2.3	2.0	1.5	0.9	0.1	0.5	0.8	1.2	1.6
77.5°	2.3	2.3	2.3	2.0	1.4	0.8	0.7	1.1	1.6	2.1	2.1
75°	2.3	2.3	2.3	1.9	1.3	1.1	1.3	1.8	2.3	1.9	1.2
72.5°	2.3	2.3	2.3	1.9	1.5	1.5	1.8	2.3	2.0	1.3	0.4
70°	2.3	2.3	2.3	1.8	1.7	1.8	2.3	2.2	1.7	0.9	1.1
67.5°	2.3	2.3	2.3	1.9	1.8	2.1	2.4	2.1	1.5	1.8	2.1
65°	2.3	2.3	2.3	2.0	2.0	2.4	2.5	2.1	2.3	2.7	2.8
62.5°	2.3	2.3	2.3	2.1	2.2	2.6	2.6	2.6	3.1	3.5	3.2
60°	2.3	2.3	2.3	2.1	2.3	2.8	2.7	3.3	3.9	4.0	3.6
57.5°	2.3	2.3	2.3	2.2	2.5	3.0	3.3	4.0	4.6	4.6	4.5
55°	2.3	2.3	2.4	2.2	2.7	3.2	3.9	4.7	5.2	5.3	5.6
52.5°	2.3	2.3	2.4	2.3	3.0	3.5	4.4	5.3	6.0	6.3	6.7
50°	2.3	2.3	2.5	2.3	3.2	4.0	5.0	6.0	6.8	7.3	7.8
47.5°	2.3	2.3	2.5	2.4	3.5	4.5	5.5	6.6	7.7	8.3	8.8
45°	2.3	2.3	2.6	2.6	3.8	4.9	6.1	7.3	8.5	9.2	9.9
42.5°	2.3	2.3	2.7	2.8	4.1	5.3	6.6	8.0	9.3	10.2	12.0
40°	2.3	2.3	2.7	3.1	4.4	5.8	7.1	8.7	10.2	11.1	14.3
37.5°	2.3	2.3	2.8	3.4	4.7	6.2	7.6	9.5	11.2	12.7	16.7
35°	2.3	2.3	2.9	3.7	5.0	6.6	8.1	10.4	12.2	15.6	21.3
32.5°	2.3	2.3	3.0	4.0	5.4	7.0	8.6	11.2	13.3	19.0	30.4
30°	2.3	2.3	3.1	4.2	5.6	7.3	9.3	12.1	14.4	22.8	39.2
27.5°	2.3	2.3	3.3	4.5	6.0	7.7	10.0	13.0	16.3	27.1	47.7
25°	2.3	2.3	3.4	4.8	6.4	8.0	10.7	13.9	19.6	33.4	56.1
22.5°	2.3	2.3	3.5	5.0	6.7	8.4	11.4	14.8	23.1	40.4	67.2
20°	2.3	2.3	3.6	5.3	7.1	8.8	12.0	15.7	26.7	46.9	78.2
17.5°	2.3	2.3	3.8	5.5	7.4	9.2	12.7	16.6	30.5	53.1	89.0
15°	2.3	2.3	3.9	5.8	7.7	9.6	13.3	17.8	34.2	58.9	99.5
12.5°	2.3	2.3	4.0	6.0	8.0	10.0	13.9	19.4	38.3	64.3	109.6
10°	2.3	2.3	4.1	6.2	8.3	10.3	14.4	21.0	42.7	70.5	119.7
7.5°	2.3	2.3	4.3	6.4	8.5	10.6	14.9	22.8	46.9	76.6	130.3
5°	2.3	2.3	4.4	6.6	8.8	10.9	15.4	24.4	50.8	82.3	140.0
2.5°	2.3	2.3	4.5	6.7	9.0	11.2	15.8	26.1	54.3	87.4	148.8
0°	2.3	2.3	4.6	6.9	9.2	11.5	16.1	27.6	57.5	92.0	156.4
-2.5°	2.3	2.3	4.6	6.9	9.4	11.7	17.0	30.4	59.8	99.3	163.3
-5°	2.3	2.3	4.6	6.9	9.6	12.0	17.8	33.0	61.6	105.6	168.9
-7.5°	2.3	2.3	4.6	6.8	9.7	12.2	18.5	35.2	63.1	110.8	173.2
-10°	2.3	2.3	4.5	6.8	9.8	12.3	19.1	37.1	64.1	114.6	176.5
-12.5°	2.3	2.3	4.5	6.7	9.9	12.5	19.6	38.5	64.8	116.6	179.0
-15°	2.3	2.3	4.4	6.7	9.9	12.6	19.9	39.3	66.2	116.3	179.9
-17.5°	2.3	2.3	4.4	6.6	9.9	12.7	19.9	40.1	68.2	115.2	178.8
-20°	2.3	2.3	4.3	6.5	9.8	12.8	20.5	41.0	69.5	113.1	175.5

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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°	2.3	2.3	4.2	6.4	9.7	12.8	21.8	41.3	70.0	110.0	169.9
-25°	2.3	2.3	4.2	6.3	9.5	13.7	22.9	41.2	69.8	106.1	162.0
-27.5°	2.3	2.3	4.1	6.1	9.3	14.8	23.7	40.6	68.8	102.8	156.1
-30°	2.3	2.3	4.0	6.0	9.1	15.7	24.3	39.5	67.6	101.3	149.6
-32.5°	2.3	2.3	3.9	5.8	9.4	16.4	24.6	39.5	65.9	98.8	142.2
-35°	2.3	2.3	3.8	5.6	9.7	17.0	25.2	39.7	63.6	95.2	134.0
-37.5°	2.3	2.3	3.6	5.5	9.8	17.4	25.9	39.6	60.7	90.6	130.4
-40°	2.3	2.3	3.5	5.3	9.9	17.6	26.3	39.1	57.1	86.2	126.3
-42.5°	2.3	2.3	3.4	5.2	10.0	17.6	26.5	38.2	55.1	82.6	120.0
-45°	2.3	2.3	3.3	5.2	10.0	17.4	26.3	37.3	53.6	78.2	112.2
-47.5°	2.3	2.3	3.1	5.2	10.0	17.2	25.9	36.8	51.6	72.9	105.9
-50°	2.3	2.3	3.0	5.1	9.8	16.8	25.4	35.9	50.1	71.0	98.6
-52.5°	2.3	2.3	2.8	5.0	9.5	16.3	24.7	34.6	48.8	68.5	90.6
-55°	2.3	2.3	2.6	4.9	9.1	15.6	23.8	33.1	47.2	65.4	86.9
-57.5°	2.3	2.3	2.5	4.7	8.6	14.7	22.7	31.7	45.0	62.1	82.4
-60°	2.3	2.3	2.3	4.5	8.0	13.7	21.5	30.1	42.2	58.3	77.2
-62.5°	2.3	2.3	2.3	4.2	7.5	12.6	19.8	28.1	38.7	53.7	71.2
-65°	2.3	2.3	2.3	4.0	7.0	11.3	17.8	25.4	34.5	47.6	64.4
-67.5°	2.3	2.3	2.3	3.7	6.5	10.1	15.7	22.3	29.6	40.6	55.3
-70°	2.3	2.3	2.3	3.3	5.9	9.2	13.3	19.0	25.3	32.7	44.7
-72.5°	2.3	2.3	2.3	3.2	5.3	8.2	11.8	15.6	20.9	27.1	34.2
-75°	2.3	2.3	2.3	3.2	4.6	7.1	10.3	13.1	16.3	21.4	27.2
-77.5°	2.3	2.3	2.3	3.2	4.3	6.0	8.7	11.0	13.5	16.2	20.0
-80°	2.3	2.3	2.3	3.1	4.2	5.4	7.0	8.9	10.9	13.0	15.4
-82.5°	2.3	2.3	2.3	3.1	4.0	5.1	6.3	7.2	8.2	9.8	11.6
-85°	2.3	2.3	2.3	3.0	3.8	4.8	5.8	6.5	7.3	8.1	8.8
-87.5°	2.3	2.3	2.3	2.9	3.6	4.4	5.2	5.9	6.5	7.2	7.9
-90°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	1.7	1.1	0.6	0.0



REPORT NUMBER: P626910 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-730-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°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	7.5	8.1	8.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.7	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.5	1.2	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	1.3	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.5	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.4	0.7	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1.3	1.4	0.9	0.4	0.0	0.1	0.3	0.2	0.0	0.1	0.3
67.5°	2.1	1.6	1.0	0.6	0.9	1.2	1.1	1.2	1.2	1.4	1.2
65°	2.2	1.7	1.7	2.0	2.3	2.5	2.7	2.8	2.4	2.1	2.1
62.5°	2.4	2.6	3.0	3.4	3.7	4.0	4.0	3.6	2.7	3.4	3.9
60°	3.4	3.8	4.2	4.7	5.2	5.4	5.2	5.2	5.8	6.7	12.9
57.5°	4.6	4.9	5.5	6.2	6.9	7.0	7.2	7.8	18.2	29.8	32.9
55°	5.8	6.1	7.0	8.2	8.8	8.8	12.6	26.6	40.1	55.6	61.3
52.5°	7.0	7.5	9.1	10.5	11.4	17.7	32.0	50.9	70.9	88.7	111.6
50°	8.2	9.9	11.6	13.6	21.6	38.2	59.0	84.9	115.0	143.4	172.5
47.5°	10.2	12.3	14.9	21.4	42.7	65.7	94.4	136.1	173.3	207.6	247.4
45°	12.7	17.0	19.9	42.4	67.1	96.8	145.5	196.4	230.1	276.1	346.5
42.5°	15.2	23.5	38.0	64.0	94.1	142.0	202.4	245.8	290.6	365.1	439.2
40°	21.8	31.6	57.3	88.3	126.4	196.2	258.2	307.3	368.5	451.1	528.5
37.5°	29.9	48.2	77.0	114.1	177.1	253.5	319.9	390.1	460.5	538.4	682.0
35°	38.8	63.6	102.0	152.1	227.8	317.1	396.3	474.7	555.9	709.2	851.7
32.5°	50.5	77.8	128.1	196.2	282.6	380.6	472.5	563.2	693.4	866.9	1009.9
30°	63.1	100.6	158.2	237.0	334.1	438.8	549.3	659.1	831.4	975.0	1130.2
27.5°	76.3	124.7	193.4	279.6	382.4	493.7	618.4	775.0	928.7	1070.6	1241.1
25°	89.8	149.8	225.7	320.4	430.0	553.1	696.5	887.3	1007.5	1164.2	1342.1
22.5°	107.2	173.8	257.6	357.3	474.0	614.1	797.0	988.5	1130.0	1261.8	1435.6
20°	127.3	200.8	292.3	403.6	517.2	673.7	896.9	1098.3	1264.7	1415.7	1575.3
17.5°	146.0	226.1	329.4	450.9	580.0	750.0	994.9	1217.8	1400.9	1569.2	1768.5
15°	163.4	249.4	365.7	495.7	641.7	837.5	1082.8	1327.6	1536.7	1726.1	1952.5
12.5°	179.2	270.8	400.8	537.6	699.8	912.9	1156.5	1395.5	1625.4	1872.1	2129.1
10°	193.5	290.0	433.8	576.3	753.7	976.6	1217.5	1452.2	1684.1	1945.1	2230.7
7.5°	208.9	307.9	463.9	611.4	802.8	1029.3	1266.2	1497.7	1731.5	2003.6	2296.8
5°	223.1	324.4	487.7	636.6	840.7	1070.4	1302.9	1532.2	1767.6	2047.1	2346.8
2.5°	235.5	338.3	507.2	656.3	868.8	1100.6	1326.7	1561.0	1794.2	2082.5	2385.0
0°	246.1	349.6	522.0	671.5	890.0	1122.2	1340.7	1579.9	1809.8	2106.5	2410.1
-2.5°	252.9	368.0	532.2	698.0	908.6	1136.4	1353.2	1585.2	1826.6	2114.1	2438.3
-5°	257.6	383.0	538.3	718.3	920.7	1142.6	1357.4	1581.1	1831.1	2112.2	2442.4
-7.5°	260.4	393.5	541.2	729.9	925.0	1138.9	1350.4	1573.3	1823.8	2105.0	2424.2
-10°	262.0	396.8	545.1	726.4	919.3	1126.6	1334.8	1555.0	1802.9	2081.4	2389.4
-12.5°	266.3	394.7	544.4	718.7	907.2	1108.0	1311.8	1526.1	1768.2	2041.3	2341.5
-15°	267.4	389.9	537.9	707.3	888.8	1083.6	1281.5	1486.4	1725.3	2002.2	2288.5
-17.5°	265.0	382.8	525.1	692.8	864.0	1054.1	1246.0	1450.7	1685.1	1957.1	2232.8
-20°	258.8	373.5	505.9	675.6	834.6	1021.3	1210.4	1413.2	1638.9	1894.6	2170.4

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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°	248.7	362.3	485.1	651.7	809.3	983.6	1168.6	1362.2	1581.0	1813.4	2086.6
-25°	238.3	349.7	468.7	618.8	778.7	939.6	1120.7	1299.8	1512.9	1741.3	1983.6
-27.5°	228.5	332.0	451.6	582.8	742.8	892.6	1066.4	1241.1	1436.4	1660.2	1883.3
-30°	215.5	312.9	430.8	548.1	699.8	848.4	1006.0	1177.8	1353.5	1565.9	1785.4
-32.5°	204.1	293.1	407.1	521.7	653.6	798.5	940.8	1104.6	1276.0	1457.0	1674.0
-35°	196.5	281.3	382.0	491.2	606.5	744.3	879.6	1022.0	1187.9	1357.8	1548.3
-37.5°	190.3	267.8	355.6	459.4	569.2	687.4	814.1	945.1	1089.9	1261.2	1440.3
-40°	180.6	252.7	336.0	429.1	525.9	633.5	751.1	869.7	995.2	1162.6	1339.2
-42.5°	168.2	238.0	317.5	396.2	484.6	582.8	687.3	799.0	919.7	1065.0	1227.4
-45°	158.6	219.2	297.0	367.5	440.6	530.4	628.6	729.7	843.6	968.4	1114.2
-47.5°	146.4	198.7	270.2	336.0	400.5	477.1	566.9	662.6	763.4	875.9	995.5
-50°	133.4	181.6	237.3	301.5	362.9	426.6	503.2	591.7	683.2	781.2	887.9
-52.5°	123.6	161.7	212.5	265.9	324.5	382.3	447.4	523.4	605.1	687.0	780.8
-55°	112.4	147.0	188.9	236.8	286.7	340.1	399.4	465.9	532.5	607.8	682.7
-57.5°	104.5	132.9	169.2	210.8	255.6	301.1	357.0	413.2	474.9	537.1	599.3
-60°	98.4	120.7	150.8	187.4	227.4	269.9	315.8	367.7	420.8	471.6	525.3
-62.5°	91.4	110.7	134.3	164.2	200.3	237.2	277.7	322.2	370.2	413.0	454.6
-65°	82.3	99.1	119.3	143.6	172.0	203.2	237.7	275.3	316.7	351.4	385.4
-67.5°	71.8	86.0	103.0	122.8	146.5	170.9	196.2	227.9	261.6	289.9	317.6
-70°	58.7	71.8	85.7	101.9	120.4	141.1	163.4	186.4	209.5	232.6	257.9
-72.5°	44.9	56.9	68.6	80.2	94.9	111.9	130.1	149.4	169.5	189.3	208.5
-75°	34.3	42.0	52.3	62.7	72.9	84.0	96.3	111.6	130.3	149.5	167.1
-77.5°	25.9	32.4	39.2	46.4	52.8	61.0	69.8	79.4	94.8	112.6	130.5
-80°	18.7	22.6	28.0	33.8	38.3	42.8	47.5	52.3	63.8	78.1	93.3
-82.5°	13.9	16.5	19.5	22.9	25.2	27.4	29.9	33.1	41.6	51.3	61.4
-85°	9.5	10.3	12.0	13.8	15.1	16.4	17.7	19.1	23.7	28.8	34.4
-87.5°	8.2	8.6	9.1	9.5	9.7	9.9	10.0	10.2	11.7	13.3	15.0
-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: P626910 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-730-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	9.2	9.8	10.4	10.9	11.5	12.1	12.7	13.2	13.8	13.8	13.8
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°	0.2	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1.1	1.2	1.2	0.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0
65°	2.4	2.3	1.7	1.1	0.5	0.9	1.4	1.7	1.7	1.5	1.2
62.5°	3.6	3.3	3.0	3.5	4.2	4.8	4.6	4.4	4.1	3.9	4.0
60°	13.6	9.1	10.5	13.2	12.3	8.4	13.9	15.7	13.4	9.1	8.8
57.5°	34.5	33.3	38.1	55.7	61.3	55.8	66.7	81.0	80.6	69.4	69.0
55°	73.5	98.5	128.8	133.7	154.8	197.1	230.0	215.6	215.5	226.3	261.3
52.5°	139.5	163.2	172.0	195.6	239.6	271.6	292.2	313.4	336.7	360.5	384.6
50°	204.8	227.7	253.8	278.0	338.9	371.7	366.2	410.3	466.7	501.9	520.0
47.5°	300.3	336.5	391.7	478.1	523.6	556.5	597.5	647.4	712.0	799.6	867.1
45°	412.8	469.8	555.1	647.0	717.6	749.8	796.7	874.0	977.0	1077.2	1150.5
42.5°	504.7	582.9	679.2	767.0	824.6	877.5	938.1	1003.3	1121.3	1228.4	1313.0
40°	624.8	685.7	793.7	876.5	928.0	980.5	1076.5	1174.0	1285.0	1384.8	1454.2
37.5°	776.9	845.5	957.8	1051.4	1101.0	1119.5	1282.9	1418.8	1508.9	1636.3	1678.0
35°	940.4	1053.1	1196.3	1317.6	1366.3	1463.5	1631.9	1821.3	2026.6	2102.1	2166.5
32.5°	1122.7	1261.8	1456.1	1586.3	1655.8	1803.3	2016.3	2218.5	2487.0	2632.6	2676.2
30°	1289.4	1449.1	1616.2	1742.7	1861.4	2039.1	2233.4	2482.7	2730.9	2917.2	2975.1
27.5°	1411.9	1588.6	1749.1	1867.6	2001.6	2193.2	2435.4	2687.9	2931.6	3121.6	3189.1
25°	1528.7	1728.5	1855.5	1993.3	2150.7	2359.4	2627.9	2908.5	3148.4	3309.0	3391.9
22.5°	1661.6	1858.5	1995.0	2111.7	2317.5	2558.0	2807.2	3124.2	3378.5	3506.6	3596.4
20°	1798.8	2021.6	2232.3	2340.9	2519.0	2823.5	3102.5	3401.8	3647.3	3780.9	3875.5
17.5°	1990.2	2274.1	2532.6	2686.3	2877.0	3241.1	3589.2	3892.0	4233.6	4354.2	4469.7
15°	2192.0	2520.6	2823.5	3066.9	3313.3	3674.0	4122.1	4487.5	4877.2	5051.3	5248.1
12.5°	2393.1	2704.1	2978.5	3292.6	3639.8	3958.9	4385.5	4840.5	5194.1	5416.1	5548.6
10°	2543.5	2832.3	3096.4	3411.2	3757.7	4118.7	4542.7	5009.1	5379.2	5568.6	5676.8
7.5°	2624.7	2901.1	3179.6	3498.7	3843.6	4228.1	4664.9	5127.6	5506.1	5689.7	5796.4
5°	2684.9	2950.5	3238.8	3574.7	3923.5	4313.4	4749.5	5206.7	5551.9	5746.9	5881.9
2.5°	2721.4	2981.8	3276.5	3623.9	3973.5	4379.5	4836.7	5310.7	5612.7	5769.6	5893.8
0°	2732.0	2994.2	3297.7	3649.6	4008.3	4417.7	4870.7	5339.9	5645.7	5797.5	5924.0
-2.5°	2743.9	3013.9	3325.7	3666.3	4021.9	4430.2	4892.6	5349.8	5624.9	5778.0	5898.4
-5°	2735.6	3015.4	3326.3	3652.5	4010.5	4415.5	4859.4	5286.8	5574.6	5740.2	5859.9
-7.5°	2710.9	2994.6	3302.3	3615.8	3967.0	4376.5	4818.6	5230.2	5521.7	5696.4	5827.3
-10°	2674.8	2950.3	3260.2	3577.6	3924.6	4314.4	4749.7	5158.9	5437.9	5623.3	5775.9
-12.5°	2634.9	2904.7	3203.4	3507.8	3851.1	4236.1	4657.8	5045.1	5322.5	5524.7	5633.7
-15°	2575.7	2845.4	3130.9	3425.4	3759.9	4133.5	4536.3	4907.9	5180.3	5344.9	5465.3
-17.5°	2500.5	2765.0	3035.7	3315.1	3630.3	3998.1	4403.4	4769.8	4991.9	5138.9	5257.3
-20°	2420.0	2664.5	2921.0	3184.6	3490.1	3854.5	4252.5	4572.1	4781.4	4922.6	5034.5



REPORT NUMBER: P626910 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-730-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°	2327.9	2563.4	2798.2	3050.2	3349.7	3683.8	4035.4	4344.3	4569.3	4697.9	4801.2
-25°	2222.8	2452.0	2674.8	2918.3	3193.6	3493.8	3820.7	4124.3	4325.8	4462.4	4564.9
-27.5°	2109.6	2324.9	2542.7	2761.2	3008.7	3307.9	3610.7	3892.7	4064.7	4202.4	4305.5
-30°	1996.6	2190.3	2391.8	2598.7	2830.9	3100.7	3383.9	3621.0	3802.5	3936.3	4032.0
-32.5°	1874.2	2058.0	2236.5	2429.9	2648.5	2886.3	3134.9	3360.4	3554.3	3676.8	3757.5
-35°	1748.9	1926.7	2090.1	2265.7	2458.6	2663.7	2893.1	3115.6	3307.0	3404.0	3482.6
-37.5°	1618.3	1795.6	1950.5	2097.1	2263.3	2453.4	2676.8	2889.0	3054.4	3137.8	3208.6
-40°	1504.7	1660.9	1800.2	1940.6	2075.7	2244.4	2453.0	2658.4	2791.1	2872.4	2938.2
-42.5°	1394.5	1526.2	1640.4	1766.1	1901.3	2067.7	2235.9	2408.3	2514.9	2605.1	2674.4
-45°	1266.0	1383.8	1490.8	1595.5	1718.8	1870.6	2023.5	2161.5	2261.4	2348.6	2416.1
-47.5°	1124.1	1237.7	1341.7	1435.2	1549.8	1676.5	1805.2	1920.0	2018.7	2104.8	2165.0
-50°	991.7	1093.2	1194.7	1289.4	1388.7	1491.2	1595.6	1696.4	1790.1	1873.7	1925.0
-52.5°	873.2	966.9	1055.5	1138.3	1225.2	1311.8	1398.2	1490.6	1576.8	1656.0	1696.9
-55°	765.9	850.4	930.4	1000.1	1069.9	1138.5	1212.6	1297.8	1377.2	1450.6	1479.9
-57.5°	669.6	741.9	812.7	871.7	928.6	983.3	1048.3	1120.2	1189.7	1252.5	1276.6
-60°	581.0	638.4	697.6	749.9	799.6	846.4	903.1	961.1	1017.4	1064.7	1085.2
-62.5°	499.5	548.6	593.5	636.0	678.0	720.2	766.0	812.0	857.5	894.0	912.5
-65°	420.9	460.0	496.1	531.0	565.0	600.4	636.3	671.2	704.9	731.0	747.0
-67.5°	347.3	376.9	405.5	432.8	461.2	489.9	517.9	544.7	570.0	590.1	605.5
-70°	281.9	304.9	327.3	349.9	373.5	395.8	416.9	436.9	455.8	470.3	482.1
-72.5°	227.2	245.9	265.2	285.6	304.7	321.4	336.6	351.2	365.2	373.4	379.5
-75°	183.2	198.9	215.7	232.2	248.2	260.9	272.0	282.8	293.2	293.7	291.6
-77.5°	148.0	162.0	175.1	188.0	200.7	208.6	215.4	222.4	229.5	225.4	218.9
-80°	108.6	120.3	131.4	142.5	153.6	158.2	161.5	164.3	166.6	161.2	154.6
-82.5°	72.1	79.5	86.6	94.0	101.4	104.3	106.6	108.4	109.8	105.0	99.4
-85°	40.2	43.8	47.2	50.7	54.3	56.3	58.2	60.0	61.6	58.7	55.4
-87.5°	16.7	17.5	18.3	19.1	19.8	20.6	21.3	22.0	22.7	22.8	22.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626910 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-730-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°	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.2
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°	0.7	0.1	0.0	0.0	0.0	0.1	0.7	1.2	1.5	1.7	1.7
62.5°	4.2	4.4	4.5	4.6	4.5	4.4	4.2	4.0	3.9	4.1	4.4
60°	8.1	7.1	6.9	6.9	6.9	7.1	8.1	8.8	9.1	13.4	15.7
57.5°	63.8	54.6	56.0	62.1	56.0	54.6	63.8	69.0	69.4	80.6	81.0
55°	298.0	332.6	344.9	338.1	344.9	332.6	298.0	261.3	226.3	215.5	215.6
52.5°	403.6	417.8	423.3	423.1	423.3	417.8	403.6	384.6	360.5	336.7	313.4
50°	525.5	520.7	513.3	505.9	513.3	520.7	525.5	520.0	501.9	466.7	410.3
47.5°	877.0	861.8	855.4	867.0	855.4	861.8	877.0	867.1	799.6	712.0	647.4
45°	1165.4	1183.2	1196.5	1195.8	1196.5	1183.2	1165.4	1150.5	1077.2	977.0	874.0
42.5°	1329.6	1339.1	1341.9	1338.4	1341.9	1339.1	1329.6	1313.0	1228.4	1121.3	1003.3
40°	1476.0	1487.3	1493.7	1499.4	1493.7	1487.3	1476.0	1454.2	1384.8	1285.0	1174.0
37.5°	1691.8	1695.9	1686.9	1681.1	1686.9	1695.9	1691.8	1678.0	1636.3	1508.9	1418.8
35°	2220.8	2231.6	2206.5	2233.0	2206.5	2231.6	2220.8	2166.5	2102.1	2026.6	1821.3
32.5°	2728.1	2778.9	2819.9	2853.9	2819.9	2778.9	2728.1	2676.2	2632.6	2487.0	2218.5
30°	3015.5	3048.2	3065.8	3070.1	3065.8	3048.2	3015.5	2975.1	2917.2	2730.9	2482.7
27.5°	3226.5	3260.8	3282.1	3297.7	3282.1	3260.8	3226.5	3189.1	3121.6	2931.6	2687.9
25°	3429.8	3461.2	3482.6	3490.9	3482.6	3461.2	3429.8	3391.9	3309.0	3148.4	2908.5
22.5°	3640.9	3662.7	3683.2	3693.3	3683.2	3662.7	3640.9	3596.4	3506.6	3378.5	3124.2
20°	3943.4	3931.5	3950.3	3944.0	3950.3	3931.5	3943.4	3875.5	3780.9	3647.3	3401.8
17.5°	4559.9	4566.2	4578.8	4599.4	4578.8	4566.2	4559.9	4469.7	4354.2	4233.6	3892.0
15°	5335.2	5350.8	5430.1	5500.8	5430.1	5350.8	5335.2	5248.1	5051.3	4877.2	4487.5
12.5°	5671.5	5725.5	5733.9	5753.8	5733.9	5725.5	5671.5	5548.6	5416.1	5194.1	4840.5
10°	5783.7	5877.2	5875.2	5898.7	5875.2	5877.2	5783.7	5676.8	5568.6	5379.2	5009.1
7.5°	5868.9	5969.3	6011.7	6029.8	6011.7	5969.3	5868.9	5796.4	5689.7	5506.1	5127.6
5°	5972.9	6028.1	6101.3	6080.4	6101.3	6028.1	5972.9	5881.9	5746.9	5551.9	5206.7
2.5°	6016.5	6103.0	6083.0	6103.4	6083.0	6103.0	6016.5	5893.8	5769.6	5612.7	5310.7
0°	6045.9	6108.0	6117.2	6137.8	6117.2	6108.0	6045.9	5924.0	5797.5	5645.7	5339.9
-2.5°	6010.2	6064.9	6160.5	6131.0	6160.5	6064.9	6010.2	5898.4	5778.0	5624.9	5349.8
-5°	5979.0	6113.5	6061.2	6126.4	6061.2	6113.5	5979.0	5859.9	5740.2	5574.6	5286.8
-7.5°	5962.8	5986.9	6021.5	6071.2	6021.5	5986.9	5962.8	5827.3	5696.4	5521.7	5230.2
-10°	5838.0	5862.6	5926.3	5960.8	5926.3	5862.6	5838.0	5775.9	5623.3	5437.9	5158.9
-12.5°	5702.6	5750.2	5817.1	5838.9	5817.1	5750.2	5702.6	5633.7	5524.7	5322.5	5045.1
-15°	5546.6	5617.4	5682.6	5696.3	5682.6	5617.4	5546.6	5465.3	5344.9	5180.3	4907.9
-17.5°	5348.4	5433.2	5501.7	5516.9	5501.7	5433.2	5348.4	5257.3	5138.9	4991.9	4769.8
-20°	5129.9	5211.2	5269.4	5287.0	5269.4	5211.2	5129.9	5034.5	4922.6	4781.4	4572.1



REPORT NUMBER: P626910 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-730-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°	4895.9	4969.1	5018.4	5011.0	5018.4	4969.1	4895.9	4801.2	4697.9	4569.3	4344.3
-25°	4647.6	4715.5	4762.4	4755.7	4762.4	4715.5	4647.6	4564.9	4462.4	4325.8	4124.3
-27.5°	4385.0	4449.4	4494.5	4495.9	4494.5	4449.4	4385.0	4305.5	4202.4	4064.7	3892.7
-30°	4109.1	4167.5	4204.2	4190.0	4204.2	4167.5	4109.1	4032.0	3936.3	3802.5	3621.0
-32.5°	3824.6	3877.4	3911.0	3921.0	3911.0	3877.4	3824.6	3757.5	3676.8	3554.3	3360.4
-35°	3543.9	3590.4	3619.4	3626.6	3619.4	3590.4	3543.9	3482.6	3404.0	3307.0	3115.6
-37.5°	3265.0	3305.0	3325.3	3316.1	3325.3	3305.0	3265.0	3208.6	3137.8	3054.4	2889.0
-40°	2989.4	3027.6	3050.8	3056.3	3050.8	3027.6	2989.4	2938.2	2872.4	2791.1	2658.4
-42.5°	2718.4	2750.2	2770.5	2780.3	2770.5	2750.2	2718.4	2674.4	2605.1	2514.9	2408.3
-45°	2455.5	2483.9	2503.0	2513.6	2503.0	2483.9	2455.5	2416.1	2348.6	2261.4	2161.5
-47.5°	2199.6	2224.5	2241.0	2249.1	2241.0	2224.5	2199.6	2165.0	2104.8	2018.7	1920.0
-50°	1955.0	1976.5	1991.9	2000.7	1991.9	1976.5	1955.0	1925.0	1873.7	1790.1	1696.4
-52.5°	1723.0	1741.8	1754.9	1761.6	1754.9	1741.8	1723.0	1696.9	1656.0	1576.8	1490.6
-55°	1501.4	1516.7	1528.8	1536.2	1528.8	1516.7	1501.4	1479.9	1450.6	1377.2	1297.8
-57.5°	1294.8	1307.2	1318.7	1326.9	1318.7	1307.2	1294.8	1276.6	1252.5	1189.7	1120.2
-60°	1101.4	1113.1	1122.9	1129.1	1122.9	1113.1	1101.4	1085.2	1064.7	1017.4	961.1
-62.5°	926.9	937.3	946.3	952.1	946.3	937.3	926.9	912.5	894.0	857.5	812.0
-65°	759.6	768.9	775.6	779.6	775.6	768.9	759.6	747.0	731.0	704.9	671.2
-67.5°	618.5	629.3	631.4	630.1	631.4	629.3	618.5	605.5	590.1	570.0	544.7
-70°	492.6	501.7	503.9	503.6	503.9	501.7	492.6	482.1	470.3	455.8	436.9
-72.5°	385.2	390.1	385.9	379.4	385.9	390.1	385.2	379.5	373.4	365.2	351.2
-75°	289.1	285.9	281.5	276.0	281.5	285.9	289.1	291.6	293.7	293.2	282.8
-77.5°	211.7	203.9	198.8	193.2	198.8	203.9	211.7	218.9	225.4	229.5	222.4
-80°	147.4	139.8	134.4	128.8	134.4	139.8	147.4	154.6	161.2	166.6	164.3
-82.5°	93.4	87.1	83.9	80.5	83.9	87.1	93.4	99.4	105.0	109.8	108.4
-85°	51.9	48.1	46.0	43.7	46.0	48.1	51.9	55.4	58.7	61.6	60.0
-87.5°	22.9	23.0	21.8	20.7	21.8	23.0	22.9	22.9	22.8	22.7	22.0
-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: P626910 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-730-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	12.7	12.1	11.5	10.9	10.4	9.8	9.2	8.6	8.1	7.5	6.9
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	0.1	0.1	0.0	0.0	0.2	0.3	0.1	0.0	0.2
67.5°	0.0	0.0	0.4	0.9	1.2	1.2	1.1	1.2	1.4	1.2	1.2
65°	1.4	0.9	0.5	1.1	1.7	2.3	2.4	2.1	2.1	2.4	2.8
62.5°	4.6	4.8	4.2	3.5	3.0	3.3	3.6	3.9	3.4	2.7	3.6
60°	13.9	8.4	12.3	13.2	10.5	9.1	13.6	12.9	6.7	5.8	5.2
57.5°	66.7	55.8	61.3	55.7	38.1	33.3	34.5	32.9	29.8	18.2	7.8
55°	230.0	197.1	154.8	133.7	128.8	98.5	73.5	61.3	55.6	40.1	26.6
52.5°	292.2	271.6	239.6	195.6	172.0	163.2	139.5	111.6	88.7	70.9	50.9
50°	366.2	371.7	338.9	278.0	253.8	227.7	204.8	172.5	143.4	115.0	84.9
47.5°	597.5	556.5	523.6	478.1	391.7	336.5	300.3	247.4	207.6	173.3	136.1
45°	796.7	749.8	717.6	647.0	555.1	469.8	412.8	346.5	276.1	230.1	196.4
42.5°	938.1	877.5	824.6	767.0	679.2	582.9	504.7	439.2	365.1	290.6	245.8
40°	1076.5	980.5	928.0	876.5	793.7	685.7	624.8	528.5	451.1	368.5	307.3
37.5°	1282.9	1119.5	1101.0	1051.4	957.8	845.5	776.9	682.0	538.4	460.5	390.1
35°	1631.9	1463.5	1366.3	1317.6	1196.3	1053.1	940.4	851.7	709.2	555.9	474.7
32.5°	2016.3	1803.3	1655.8	1586.3	1456.1	1261.8	1122.7	1009.9	866.9	693.4	563.2
30°	2233.4	2039.1	1861.4	1742.7	1616.2	1449.1	1289.4	1130.2	975.0	831.4	659.1
27.5°	2435.4	2193.2	2001.6	1867.6	1749.1	1588.6	1411.9	1241.1	1070.6	928.7	775.0
25°	2627.9	2359.4	2150.7	1993.3	1855.5	1728.5	1528.7	1342.1	1164.2	1007.5	887.3
22.5°	2807.2	2558.0	2317.5	2111.7	1995.0	1858.5	1661.6	1435.6	1261.8	1130.0	988.5
20°	3102.5	2823.5	2519.0	2340.9	2232.3	2021.6	1798.8	1575.3	1415.7	1264.7	1098.3
17.5°	3589.2	3241.1	2877.0	2686.3	2532.6	2274.1	1990.2	1768.5	1569.2	1400.9	1217.8
15°	4122.1	3674.0	3313.3	3066.9	2823.5	2520.6	2192.0	1952.5	1726.1	1536.7	1327.6
12.5°	4385.5	3958.9	3639.8	3292.6	2978.5	2704.1	2393.1	2129.1	1872.1	1625.4	1395.5
10°	4542.7	4118.7	3757.7	3411.2	3096.4	2832.3	2543.5	2230.7	1945.1	1684.1	1452.2
7.5°	4664.9	4228.1	3843.6	3498.7	3179.6	2901.1	2624.7	2296.8	2003.6	1731.5	1497.7
5°	4749.5	4313.4	3923.5	3574.7	3238.8	2950.5	2684.9	2346.8	2047.1	1767.6	1532.2
2.5°	4836.7	4379.5	3973.5	3623.9	3276.5	2981.8	2721.4	2385.0	2082.5	1794.2	1561.0
0°	4870.7	4417.7	4008.3	3649.6	3297.7	2994.2	2732.0	2410.1	2106.5	1809.8	1579.9
-2.5°	4892.6	4430.2	4021.9	3666.3	3325.7	3013.9	2743.9	2438.3	2114.1	1826.6	1585.2
-5°	4859.4	4415.5	4010.5	3652.5	3326.3	3015.4	2735.6	2442.4	2112.2	1831.1	1581.1
-7.5°	4818.6	4376.5	3967.0	3615.8	3302.3	2994.6	2710.9	2424.2	2105.0	1823.8	1573.3
-10°	4749.7	4314.4	3924.6	3577.6	3260.2	2950.3	2674.8	2389.4	2081.4	1802.9	1555.0
-12.5°	4657.8	4236.1	3851.1	3507.8	3203.4	2904.7	2634.9	2341.5	2041.3	1768.2	1526.1
-15°	4536.3	4133.5	3759.9	3425.4	3130.9	2845.4	2575.7	2288.5	2002.2	1725.3	1486.4
-17.5°	4403.4	3998.1	3630.3	3315.1	3035.7	2765.0	2500.5	2232.8	1957.1	1685.1	1450.7
-20°	4252.5	3854.5	3490.1	3184.6	2921.0	2664.5	2420.0	2170.4	1894.6	1638.9	1413.2



REPORT NUMBER: P626910 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-730-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°	4035.4	3683.8	3349.7	3050.2	2798.2	2563.4	2327.9	2086.6	1813.4	1581.0	1362.2
-25°	3820.7	3493.8	3193.6	2918.3	2674.8	2452.0	2222.8	1983.6	1741.3	1512.9	1299.8
-27.5°	3610.7	3307.9	3008.7	2761.2	2542.7	2324.9	2109.6	1883.3	1660.2	1436.4	1241.1
-30°	3383.9	3100.7	2830.9	2598.7	2391.8	2190.3	1996.6	1785.4	1565.9	1353.5	1177.8
-32.5°	3134.9	2886.3	2648.5	2429.9	2236.5	2058.0	1874.2	1674.0	1457.0	1276.0	1104.6
-35°	2893.1	2663.7	2458.6	2265.7	2090.1	1926.7	1748.9	1548.3	1357.8	1187.9	1022.0
-37.5°	2676.8	2453.4	2263.3	2097.1	1950.5	1795.6	1618.3	1440.3	1261.2	1089.9	945.1
-40°	2453.0	2244.4	2075.7	1940.6	1800.2	1660.9	1504.7	1339.2	1162.6	995.2	869.7
-42.5°	2235.9	2067.7	1901.3	1766.1	1640.4	1526.2	1394.5	1227.4	1065.0	919.7	799.0
-45°	2023.5	1870.6	1718.8	1595.5	1490.8	1383.8	1266.0	1114.2	968.4	843.6	729.7
-47.5°	1805.2	1676.5	1549.8	1435.2	1341.7	1237.7	1124.1	995.5	875.9	763.4	662.6
-50°	1595.6	1491.2	1388.7	1289.4	1194.7	1093.2	991.7	887.9	781.2	683.2	591.7
-52.5°	1398.2	1311.8	1225.2	1138.3	1055.5	966.9	873.2	780.8	687.0	605.1	523.4
-55°	1212.6	1138.5	1069.9	1000.1	930.4	850.4	765.9	682.7	607.8	532.5	465.9
-57.5°	1048.3	983.3	928.6	871.7	812.7	741.9	669.6	599.3	537.1	474.9	413.2
-60°	903.1	846.4	799.6	749.9	697.6	638.4	581.0	525.3	471.6	420.8	367.7
-62.5°	766.0	720.2	678.0	636.0	593.5	548.6	499.5	454.6	413.0	370.2	322.2
-65°	636.3	600.4	565.0	531.0	496.1	460.0	420.9	385.4	351.4	316.7	275.3
-67.5°	517.9	489.9	461.2	432.8	405.5	376.9	347.3	317.6	289.9	261.6	227.9
-70°	416.9	395.8	373.5	349.9	327.3	304.9	281.9	257.9	232.6	209.5	186.4
-72.5°	336.6	321.4	304.7	285.6	265.2	245.9	227.2	208.5	189.3	169.5	149.4
-75°	272.0	260.9	248.2	232.2	215.7	198.9	183.2	167.1	149.5	130.3	111.6
-77.5°	215.4	208.6	200.7	188.0	175.1	162.0	148.0	130.5	112.6	94.8	79.4
-80°	161.5	158.2	153.6	142.5	131.4	120.3	108.6	93.3	78.1	63.8	52.3
-82.5°	106.6	104.3	101.4	94.0	86.6	79.5	72.1	61.4	51.3	41.6	33.1
-85°	58.2	56.3	54.3	50.7	47.2	43.8	40.2	34.4	28.8	23.7	19.1
-87.5°	21.3	20.6	19.8	19.1	18.3	17.5	16.7	15.0	13.3	11.7	10.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626910 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-730-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°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.3	5.8	5.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.8	1.2
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.7
82.5°	0.0	0.0	0.0	0.0	0.4	0.6	0.7	0.6	0.3	0.1	0.2
80°	0.0	0.0	0.0	0.1	0.6	1.2	1.5	1.6	1.2	0.8	0.5
77.5°	0.0	0.0	0.0	0.0	0.2	0.7	1.3	2.1	2.1	1.6	1.1
75°	0.0	0.0	0.0	0.1	0.2	0.0	0.5	1.2	1.9	2.3	1.8
72.5°	0.0	0.0	0.0	0.3	0.6	0.7	0.4	0.4	1.3	2.0	2.3
70°	0.3	0.1	0.0	0.4	0.9	1.4	1.3	1.1	0.9	1.7	2.2
67.5°	1.1	1.2	0.9	0.6	1.0	1.6	2.1	2.1	1.8	1.5	2.1
65°	2.7	2.5	2.3	2.0	1.7	1.7	2.2	2.8	2.7	2.3	2.1
62.5°	4.0	4.0	3.7	3.4	3.0	2.6	2.4	3.2	3.5	3.1	2.6
60°	5.2	5.4	5.2	4.7	4.2	3.8	3.4	3.6	4.0	3.9	3.3
57.5°	7.2	7.0	6.9	6.2	5.5	4.9	4.6	4.5	4.6	4.6	4.0
55°	12.6	8.8	8.8	8.2	7.0	6.1	5.8	5.6	5.3	5.2	4.7
52.5°	32.0	17.7	11.4	10.5	9.1	7.5	7.0	6.7	6.3	6.0	5.3
50°	59.0	38.2	21.6	13.6	11.6	9.9	8.2	7.8	7.3	6.8	6.0
47.5°	94.4	65.7	42.7	21.4	14.9	12.3	10.2	8.8	8.3	7.7	6.6
45°	145.5	96.8	67.1	42.4	19.9	17.0	12.7	9.9	9.2	8.5	7.3
42.5°	202.4	142.0	94.1	64.0	38.0	23.5	15.2	12.0	10.2	9.3	8.0
40°	258.2	196.2	126.4	88.3	57.3	31.6	21.8	14.3	11.1	10.2	8.7
37.5°	319.9	253.5	177.1	114.1	77.0	48.2	29.9	16.7	12.7	11.2	9.5
35°	396.3	317.1	227.8	152.1	102.0	63.6	38.8	21.3	15.6	12.2	10.4
32.5°	472.5	380.6	282.6	196.2	128.1	77.8	50.5	30.4	19.0	13.3	11.2
30°	549.3	438.8	334.1	237.0	158.2	100.6	63.1	39.2	22.8	14.4	12.1
27.5°	618.4	493.7	382.4	279.6	193.4	124.7	76.3	47.7	27.1	16.3	13.0
25°	696.5	553.1	430.0	320.4	225.7	149.8	89.8	56.1	33.4	19.6	13.9
22.5°	797.0	614.1	474.0	357.3	257.6	173.8	107.2	67.2	40.4	23.1	14.8
20°	896.9	673.7	517.2	403.6	292.3	200.8	127.3	78.2	46.9	26.7	15.7
17.5°	994.9	750.0	580.0	450.9	329.4	226.1	146.0	89.0	53.1	30.5	16.6
15°	1082.8	837.5	641.7	495.7	365.7	249.4	163.4	99.5	58.9	34.2	17.8
12.5°	1156.5	912.9	699.8	537.6	400.8	270.8	179.2	109.6	64.3	38.3	19.4
10°	1217.5	976.6	753.7	576.3	433.8	290.0	193.5	119.7	70.5	42.7	21.0
7.5°	1266.2	1029.3	802.8	611.4	463.9	307.9	208.9	130.3	76.6	46.9	22.8
5°	1302.9	1070.4	840.7	636.6	487.7	324.4	223.1	140.0	82.3	50.8	24.4
2.5°	1326.7	1100.6	868.8	656.3	507.2	338.3	235.5	148.8	87.4	54.3	26.1
0°	1340.7	1122.2	890.0	671.5	522.0	349.6	246.1	156.4	92.0	57.5	27.6
-2.5°	1353.2	1136.4	908.6	698.0	532.2	368.0	252.9	163.3	99.3	59.8	30.4
-5°	1357.4	1142.6	920.7	718.3	538.3	383.0	257.6	168.9	105.6	61.6	33.0
-7.5°	1350.4	1138.9	925.0	729.9	541.2	393.5	260.4	173.2	110.8	63.1	35.2
-10°	1334.8	1126.6	919.3	726.4	545.1	396.8	262.0	176.5	114.6	64.1	37.1
-12.5°	1311.8	1108.0	907.2	718.7	544.4	394.7	266.3	179.0	116.6	64.8	38.5
-15°	1281.5	1083.6	888.8	707.3	537.9	389.9	267.4	179.9	116.3	66.2	39.3
-17.5°	1246.0	1054.1	864.0	692.8	525.1	382.8	265.0	178.8	115.2	68.2	40.1
-20°	1210.4	1021.3	834.6	675.6	505.9	373.5	258.8	175.5	113.1	69.5	41.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626910 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-730-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°	1168.6	983.6	809.3	651.7	485.1	362.3	248.7	169.9	110.0	70.0	41.3
-25°	1120.7	939.6	778.7	618.8	468.7	349.7	238.3	162.0	106.1	69.8	41.2
-27.5°	1066.4	892.6	742.8	582.8	451.6	332.0	228.5	156.1	102.8	68.8	40.6
-30°	1006.0	848.4	699.8	548.1	430.8	312.9	215.5	149.6	101.3	67.6	39.5
-32.5°	940.8	798.5	653.6	521.7	407.1	293.1	204.1	142.2	98.8	65.9	39.5
-35°	879.6	744.3	606.5	491.2	382.0	281.3	196.5	134.0	95.2	63.6	39.7
-37.5°	814.1	687.4	569.2	459.4	355.6	267.8	190.3	130.4	90.6	60.7	39.6
-40°	751.1	633.5	525.9	429.1	336.0	252.7	180.6	126.3	86.2	57.1	39.1
-42.5°	687.3	582.8	484.6	396.2	317.5	238.0	168.2	120.0	82.6	55.1	38.2
-45°	628.6	530.4	440.6	367.5	297.0	219.2	158.6	112.2	78.2	53.6	37.3
-47.5°	566.9	477.1	400.5	336.0	270.2	198.7	146.4	105.9	72.9	51.6	36.8
-50°	503.2	426.6	362.9	301.5	237.3	181.6	133.4	98.6	71.0	50.1	35.9
-52.5°	447.4	382.3	324.5	265.9	212.5	161.7	123.6	90.6	68.5	48.8	34.6
-55°	399.4	340.1	286.7	236.8	188.9	147.0	112.4	86.9	65.4	47.2	33.1
-57.5°	357.0	301.1	255.6	210.8	169.2	132.9	104.5	82.4	62.1	45.0	31.7
-60°	315.8	269.9	227.4	187.4	150.8	120.7	98.4	77.2	58.3	42.2	30.1
-62.5°	277.7	237.2	200.3	164.2	134.3	110.7	91.4	71.2	53.7	38.7	28.1
-65°	237.7	203.2	172.0	143.6	119.3	99.1	82.3	64.4	47.6	34.5	25.4
-67.5°	196.2	170.9	146.5	122.8	103.0	86.0	71.8	55.3	40.6	29.6	22.3
-70°	163.4	141.1	120.4	101.9	85.7	71.8	58.7	44.7	32.7	25.3	19.0
-72.5°	130.1	111.9	94.9	80.2	68.6	56.9	44.9	34.2	27.1	20.9	15.6
-75°	96.3	84.0	72.9	62.7	52.3	42.0	34.3	27.2	21.4	16.3	13.1
-77.5°	69.8	61.0	52.8	46.4	39.2	32.4	25.9	20.0	16.2	13.5	11.0
-80°	47.5	42.8	38.3	33.8	28.0	22.6	18.7	15.4	13.0	10.9	8.9
-82.5°	29.9	27.4	25.2	22.9	19.5	16.5	13.9	11.6	9.8	8.2	7.2
-85°	17.7	16.4	15.1	13.8	12.0	10.3	9.5	8.8	8.1	7.3	6.5
-87.5°	10.0	9.9	9.7	9.5	9.1	8.6	8.2	7.9	7.2	6.5	5.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.1	1.7

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REPORT NUMBER: P626910 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-730-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	4.6	4.0	3.5	2.9	2.3	2.3	2.3
87.5°	1.7	1.9	2.1	2.2	2.3	2.3	2.3
85°	1.1	1.6	1.9	2.2	2.3	2.3	2.3
82.5°	0.5	1.2	1.7	2.1	2.3	2.3	2.3
80°	0.1	0.9	1.5	2.0	2.3	2.3	2.3
77.5°	0.7	0.8	1.4	2.0	2.3	2.3	2.3
75°	1.3	1.1	1.3	1.9	2.3	2.3	2.3
72.5°	1.8	1.5	1.5	1.9	2.3	2.3	2.3
70°	2.3	1.8	1.7	1.8	2.3	2.3	2.3
67.5°	2.4	2.1	1.8	1.9	2.3	2.3	2.3
65°	2.5	2.4	2.0	2.0	2.3	2.3	2.3
62.5°	2.6	2.6	2.2	2.1	2.3	2.3	2.3
60°	2.7	2.8	2.3	2.1	2.3	2.3	2.3
57.5°	3.3	3.0	2.5	2.2	2.3	2.3	2.3
55°	3.9	3.2	2.7	2.2	2.4	2.3	2.3
52.5°	4.4	3.5	3.0	2.3	2.4	2.3	2.3
50°	5.0	4.0	3.2	2.3	2.5	2.3	2.3
47.5°	5.5	4.5	3.5	2.4	2.5	2.3	2.3
45°	6.1	4.9	3.8	2.6	2.6	2.3	2.3
42.5°	6.6	5.3	4.1	2.8	2.7	2.3	2.3
40°	7.1	5.8	4.4	3.1	2.7	2.3	2.3
37.5°	7.6	6.2	4.7	3.4	2.8	2.3	2.3
35°	8.1	6.6	5.0	3.7	2.9	2.3	2.3
32.5°	8.6	7.0	5.4	4.0	3.0	2.3	2.3
30°	9.3	7.3	5.6	4.2	3.1	2.3	2.3
27.5°	10.0	7.7	6.0	4.5	3.3	2.3	2.3
25°	10.7	8.0	6.4	4.8	3.4	2.3	2.3
22.5°	11.4	8.4	6.7	5.0	3.5	2.3	2.3
20°	12.0	8.8	7.1	5.3	3.6	2.3	2.3
17.5°	12.7	9.2	7.4	5.5	3.8	2.3	2.3
15°	13.3	9.6	7.7	5.8	3.9	2.3	2.3
12.5°	13.9	10.0	8.0	6.0	4.0	2.3	2.3
10°	14.4	10.3	8.3	6.2	4.1	2.3	2.3
7.5°	14.9	10.6	8.5	6.4	4.3	2.3	2.3
5°	15.4	10.9	8.8	6.6	4.4	2.3	2.3
2.5°	15.8	11.2	9.0	6.7	4.5	2.3	2.3
0°	16.1	11.5	9.2	6.9	4.6	2.3	2.3
-2.5°	17.0	11.7	9.4	6.9	4.6	2.3	2.3
-5°	17.8	12.0	9.6	6.9	4.6	2.3	2.3
-7.5°	18.5	12.2	9.7	6.8	4.6	2.3	2.3
-10°	19.1	12.3	9.8	6.8	4.5	2.3	2.3
-12.5°	19.6	12.5	9.9	6.7	4.5	2.3	2.3
-15°	19.9	12.6	9.9	6.7	4.4	2.3	2.3
-17.5°	19.9	12.7	9.9	6.6	4.4	2.3	2.3
-20°	20.5	12.8	9.8	6.5	4.3	2.3	2.3

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CATALOG NUMBER: GFLD-SA2C-730-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	21.8	12.8	9.7	6.4	4.2	2.3	2.3
-25°	22.9	13.7	9.5	6.3	4.2	2.3	2.3
-27.5°	23.7	14.8	9.3	6.1	4.1	2.3	2.3
-30°	24.3	15.7	9.1	6.0	4.0	2.3	2.3
-32.5°	24.6	16.4	9.4	5.8	3.9	2.3	2.3
-35°	25.2	17.0	9.7	5.6	3.8	2.3	2.3
-37.5°	25.9	17.4	9.8	5.5	3.6	2.3	2.3
-40°	26.3	17.6	9.9	5.3	3.5	2.3	2.3
-42.5°	26.5	17.6	10.0	5.2	3.4	2.3	2.3
-45°	26.3	17.4	10.0	5.2	3.3	2.3	2.3
-47.5°	25.9	17.2	10.0	5.2	3.1	2.3	2.3
-50°	25.4	16.8	9.8	5.1	3.0	2.3	2.3
-52.5°	24.7	16.3	9.5	5.0	2.8	2.3	2.3
-55°	23.8	15.6	9.1	4.9	2.6	2.3	2.3
-57.5°	22.7	14.7	8.6	4.7	2.5	2.3	2.3
-60°	21.5	13.7	8.0	4.5	2.3	2.3	2.3
-62.5°	19.8	12.6	7.5	4.2	2.3	2.3	2.3
-65°	17.8	11.3	7.0	4.0	2.3	2.3	2.3
-67.5°	15.7	10.1	6.5	3.7	2.3	2.3	2.3
-70°	13.3	9.2	5.9	3.3	2.3	2.3	2.3
-72.5°	11.8	8.2	5.3	3.2	2.3	2.3	2.3
-75°	10.3	7.1	4.6	3.2	2.3	2.3	2.3
-77.5°	8.7	6.0	4.3	3.2	2.3	2.3	2.3
-80°	7.0	5.4	4.2	3.1	2.3	2.3	2.3
-82.5°	6.3	5.1	4.0	3.1	2.3	2.3	2.3
-85°	5.8	4.8	3.8	3.0	2.3	2.3	2.3
-87.5°	5.2	4.4	3.6	2.9	2.3	2.3	2.3
-90°	2.3	2.3	2.3	2.3	2.3	2.3	2.3

(END OF REPORT)