

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: P626920 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2C-735-U-VWR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626920 (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-735-U-VWR-VSR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR  
Light Source: (32) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

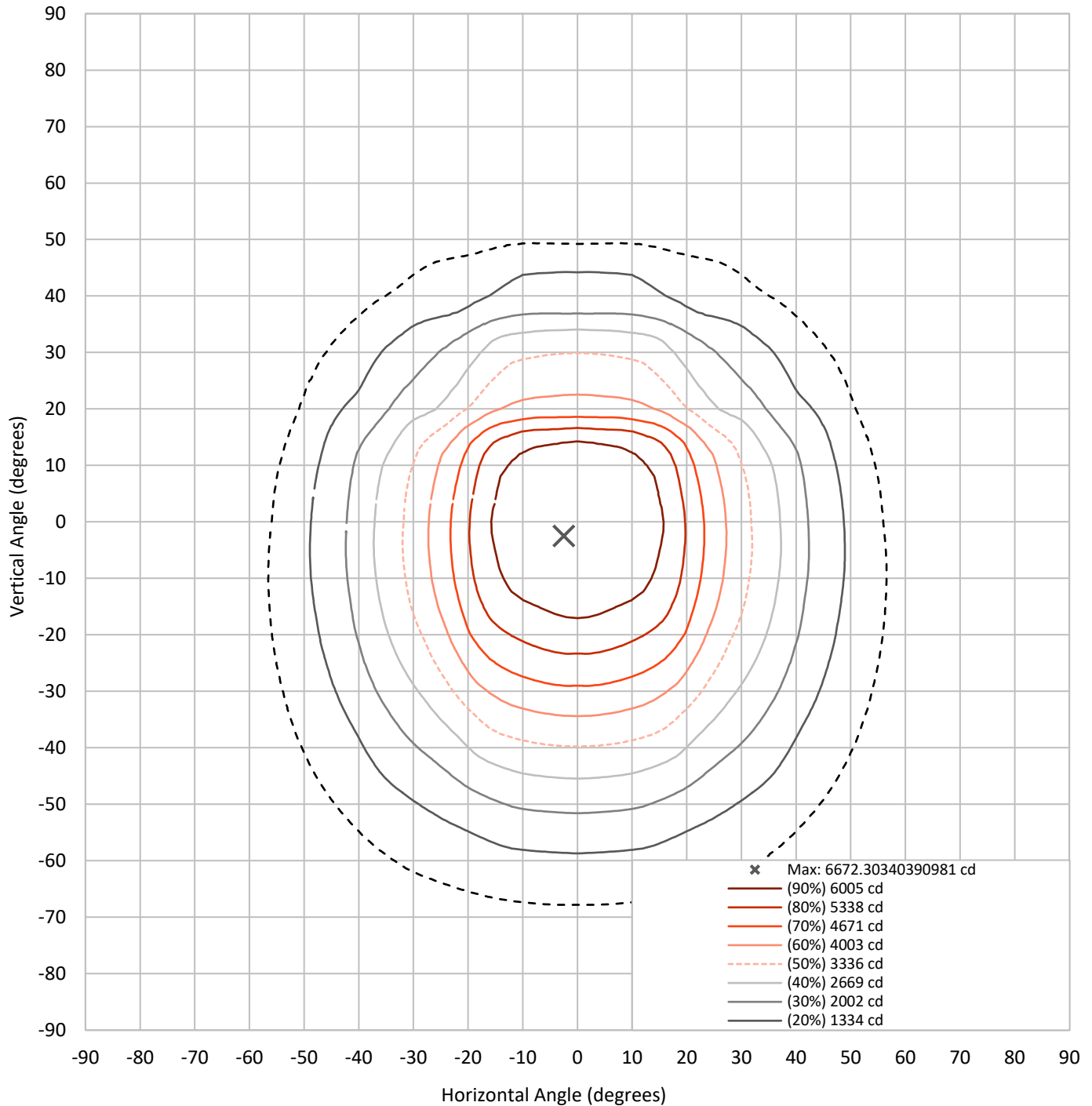
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	8904.4 lumens	Max Intensity:	6672.3 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	107.8 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:	5151.8 lumens	Field Lumens:	8449.7 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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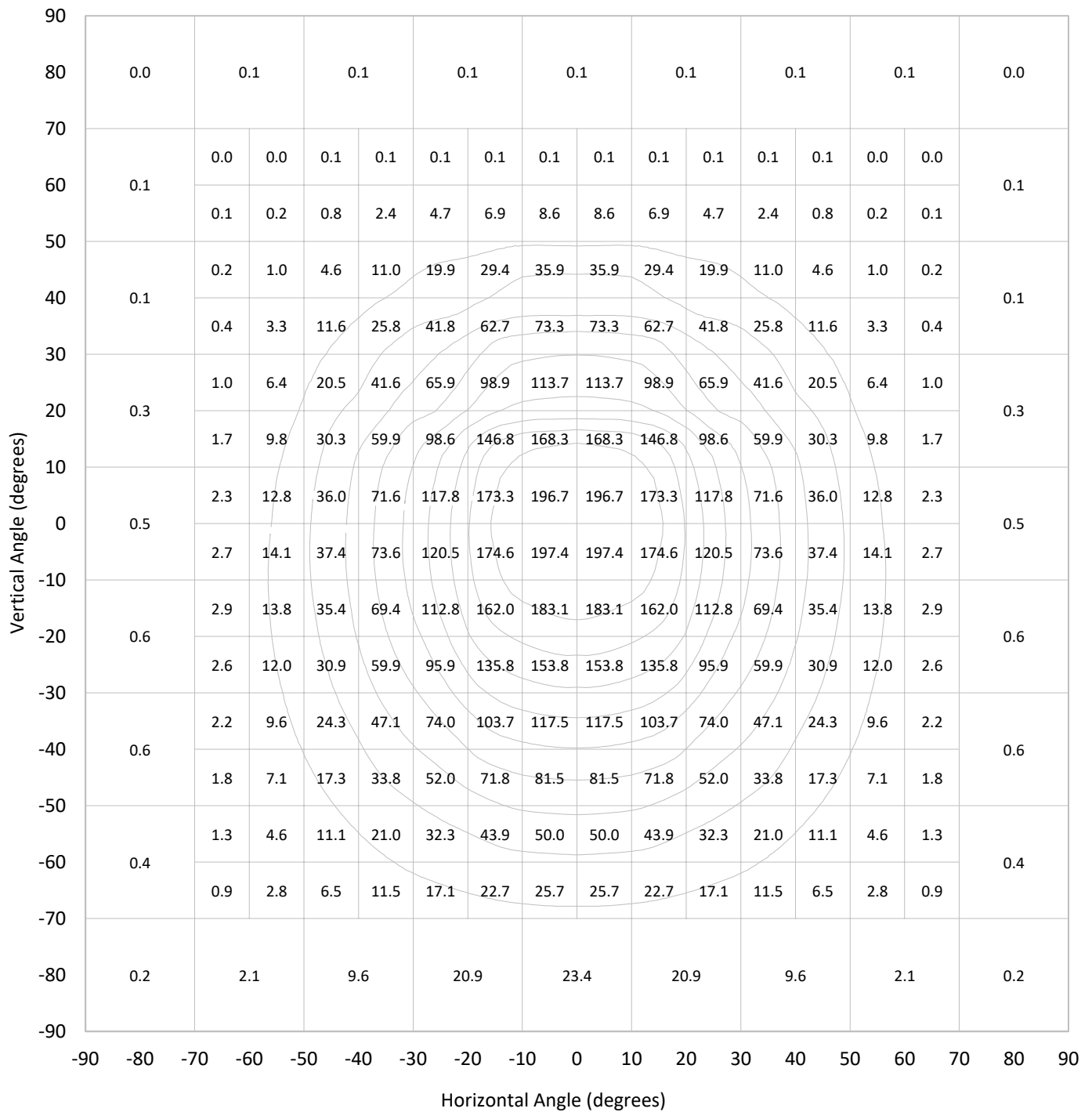
### Iso-Candela Plot





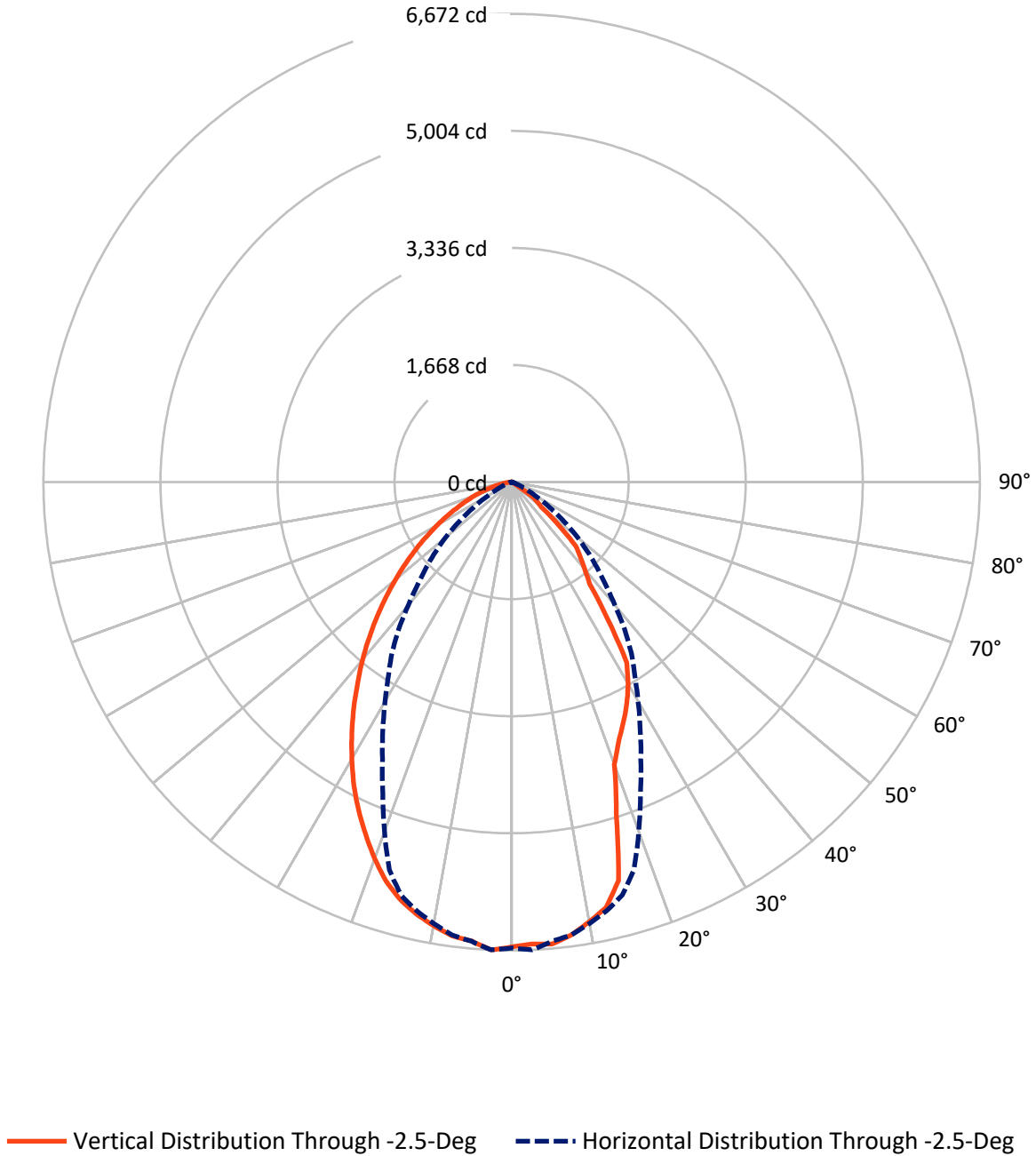
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### Lumen Table



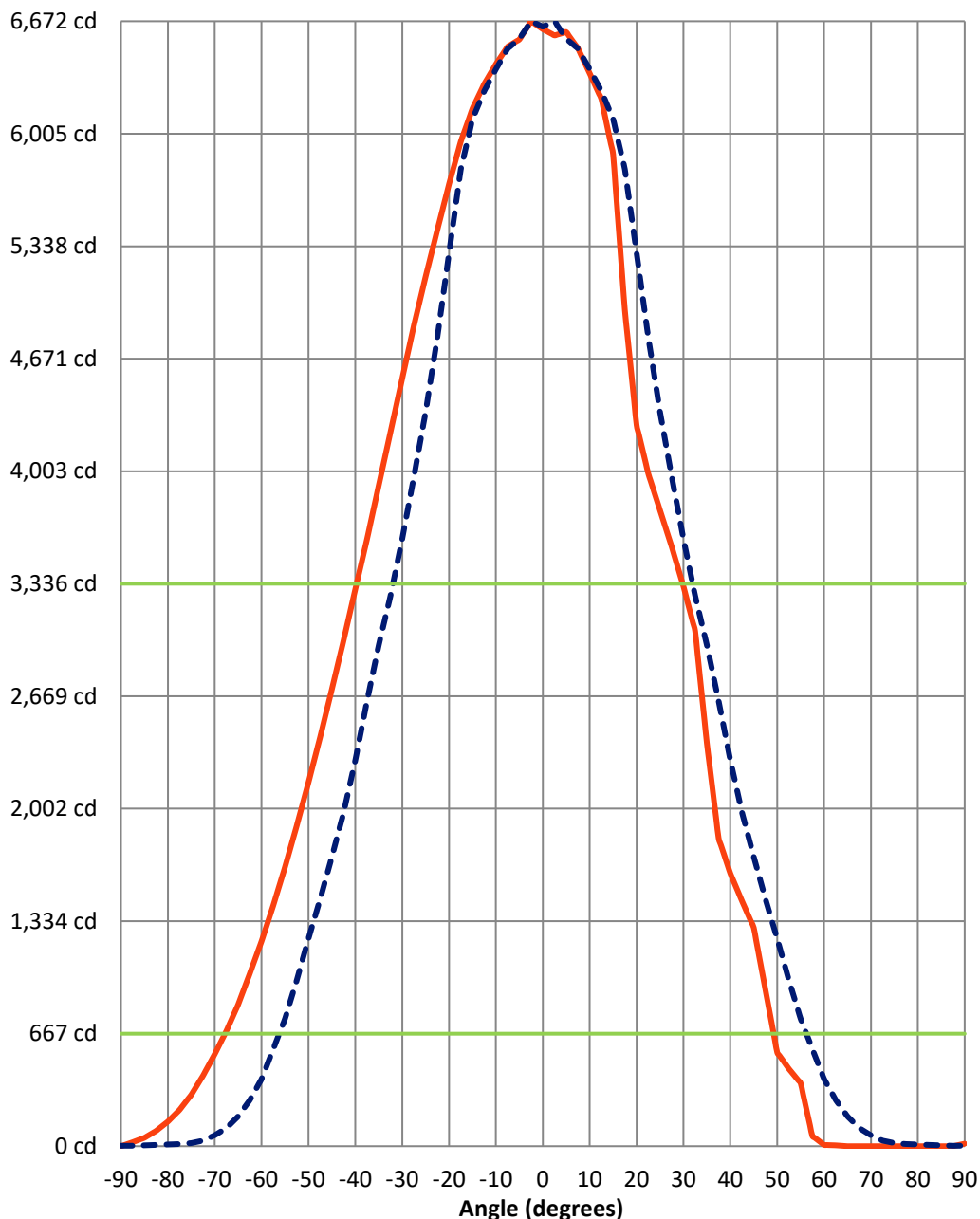
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 63.9°  
 V Angle: 69.6°  
 Lumens: 5151.8  
 Efficiency: 57.9%

**Field:**  
 H Angle: 112.5°  
 V Angle: 117.1°  
 Lumens: 8449.7  
 Efficiency: 94.9%

**Spill:**  
 Lumens: 454.7  
 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°	2.5	2.5	2.5	3.1	3.8	4.4	5.0	5.6	6.3	6.9	7.5
87.5°	2.5	2.5	2.5	2.4	2.3	2.1	1.9	1.3	0.8	0.4	0.0
85°	2.5	2.5	2.5	2.3	2.1	1.7	1.2	0.8	0.4	0.2	0.0
82.5°	2.5	2.5	2.5	2.3	1.9	1.3	0.6	0.2	0.1	0.4	0.7
80°	2.5	2.5	2.5	2.2	1.7	0.9	0.1	0.5	0.9	1.3	1.7
77.5°	2.5	2.5	2.5	2.1	1.5	0.8	0.8	1.2	1.7	2.3	2.3
75°	2.5	2.5	2.5	2.1	1.4	1.2	1.4	2.0	2.5	2.0	1.3
72.5°	2.5	2.5	2.5	2.0	1.6	1.6	2.0	2.5	2.1	1.4	0.4
70°	2.5	2.5	2.5	2.0	1.8	2.0	2.5	2.4	1.8	1.0	1.1
67.5°	2.5	2.5	2.5	2.1	2.0	2.3	2.6	2.3	1.6	1.9	2.2
65°	2.5	2.5	2.5	2.2	2.2	2.6	2.7	2.3	2.5	2.9	3.1
62.5°	2.5	2.5	2.5	2.2	2.3	2.8	2.8	2.8	3.4	3.8	3.4
60°	2.5	2.5	2.5	2.3	2.5	3.0	3.0	3.6	4.2	4.4	3.9
57.5°	2.5	2.5	2.5	2.4	2.7	3.2	3.6	4.3	5.0	5.0	4.9
55°	2.5	2.5	2.6	2.4	3.0	3.5	4.2	5.1	5.7	5.8	6.1
52.5°	2.5	2.5	2.6	2.5	3.3	3.8	4.8	5.8	6.5	6.9	7.3
50°	2.5	2.5	2.7	2.5	3.5	4.3	5.4	6.5	7.4	7.9	8.4
47.5°	2.5	2.5	2.7	2.6	3.8	4.8	6.0	7.2	8.3	9.0	9.6
45°	2.5	2.5	2.8	2.8	4.1	5.3	6.6	7.9	9.2	10.0	10.8
42.5°	2.5	2.5	2.9	3.0	4.4	5.8	7.2	8.6	10.1	11.1	13.0
40°	2.5	2.5	3.0	3.3	4.8	6.3	7.7	9.5	11.1	12.1	15.5
37.5°	2.5	2.5	3.1	3.7	5.1	6.7	8.3	10.4	12.2	13.7	18.1
35°	2.5	2.5	3.2	4.0	5.5	7.2	8.8	11.2	13.2	16.9	23.0
32.5°	2.5	2.5	3.3	4.3	5.8	7.6	9.4	12.2	14.4	20.5	32.8
30°	2.5	2.5	3.4	4.6	6.1	8.0	10.1	13.1	15.6	24.7	42.4
27.5°	2.5	2.5	3.5	4.9	6.5	8.4	10.8	14.1	17.6	29.4	51.7
25°	2.5	2.5	3.7	5.2	6.9	8.7	11.6	15.0	21.2	36.2	60.8
22.5°	2.5	2.5	3.8	5.5	7.3	9.1	12.3	16.0	25.0	43.7	72.8
20°	2.5	2.5	3.9	5.8	7.7	9.6	13.0	17.0	28.9	50.8	84.7
17.5°	2.5	2.5	4.1	6.0	8.0	10.0	13.7	18.0	33.0	57.5	96.4
15°	2.5	2.5	4.2	6.3	8.3	10.4	14.4	19.2	37.0	63.8	107.8
12.5°	2.5	2.5	4.4	6.5	8.7	10.8	15.0	21.0	41.5	69.6	118.7
10°	2.5	2.5	4.5	6.7	9.0	11.2	15.6	22.8	46.2	76.4	129.6
7.5°	2.5	2.5	4.6	6.9	9.3	11.6	16.1	24.6	50.8	83.0	141.1
5°	2.5	2.5	4.8	7.1	9.5	11.9	16.6	26.5	55.0	89.1	151.7
2.5°	2.5	2.5	4.9	7.3	9.8	12.2	17.0	28.2	58.9	94.6	161.2
0°	2.5	2.5	5.0	7.5	10.0	12.5	17.4	29.9	62.3	99.6	169.4
-2.5°	2.5	2.5	5.0	7.5	10.2	12.8	18.4	32.9	64.8	107.5	176.8
-5°	2.5	2.5	5.0	7.5	10.4	13.0	19.3	35.7	66.7	114.4	182.9
-7.5°	2.5	2.5	5.0	7.4	10.6	13.2	20.0	38.1	68.3	120.0	187.6
-10°	2.5	2.5	4.9	7.4	10.7	13.4	20.7	40.1	69.4	124.1	191.1
-12.5°	2.5	2.5	4.9	7.3	10.7	13.5	21.2	41.6	70.2	126.2	193.8
-15°	2.5	2.5	4.8	7.2	10.8	13.7	21.5	42.6	71.7	126.0	194.8
-17.5°	2.5	2.5	4.8	7.2	10.8	13.8	21.6	43.5	73.8	124.7	193.6
-20°	2.5	2.5	4.7	7.0	10.7	13.8	22.1	44.4	75.2	122.4	190.0

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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°	2.5	2.5	4.6	6.9	10.6	13.9	23.6	44.7	75.8	119.2	184.0
-25°	2.5	2.5	4.5	6.8	10.4	14.8	24.7	44.6	75.6	114.9	175.4
-27.5°	2.5	2.5	4.4	6.6	10.1	16.0	25.6	43.9	74.5	111.3	169.1
-30°	2.5	2.5	4.3	6.5	9.9	17.0	26.2	42.7	73.1	109.7	162.0
-32.5°	2.5	2.5	4.2	6.3	10.2	17.8	26.6	42.8	71.4	107.0	154.0
-35°	2.5	2.5	4.1	6.1	10.5	18.5	27.3	43.0	68.9	103.1	145.2
-37.5°	2.5	2.5	4.0	5.9	10.7	18.9	28.0	42.8	65.7	98.1	141.2
-40°	2.5	2.5	3.8	5.7	10.7	19.0	28.5	42.3	61.8	93.3	136.8
-42.5°	2.5	2.5	3.7	5.6	10.8	19.0	28.7	41.3	59.6	89.4	130.0
-45°	2.5	2.5	3.5	5.6	10.9	18.9	28.5	40.4	58.0	84.7	121.5
-47.5°	2.5	2.5	3.4	5.6	10.8	18.6	28.1	39.9	55.9	78.9	114.7
-50°	2.5	2.5	3.2	5.5	10.6	18.2	27.5	38.9	54.3	76.9	106.7
-52.5°	2.5	2.5	3.0	5.4	10.3	17.6	26.8	37.5	52.9	74.2	98.1
-55°	2.5	2.5	2.9	5.3	9.8	16.9	25.8	35.8	51.2	70.8	94.0
-57.5°	2.5	2.5	2.7	5.1	9.3	16.0	24.6	34.3	48.8	67.3	89.2
-60°	2.5	2.5	2.5	4.9	8.6	14.9	23.3	32.6	45.7	63.1	83.6
-62.5°	2.5	2.5	2.5	4.6	8.1	13.6	21.4	30.4	41.9	58.1	77.1
-65°	2.5	2.5	2.5	4.3	7.6	12.2	19.3	27.5	37.3	51.6	69.7
-67.5°	2.5	2.5	2.5	4.0	7.0	10.9	16.9	24.2	32.0	43.9	59.9
-70°	2.5	2.5	2.5	3.6	6.4	9.9	14.4	20.6	27.4	35.4	48.4
-72.5°	2.5	2.5	2.5	3.5	5.7	8.9	12.7	16.8	22.6	29.4	37.1
-75°	2.5	2.5	2.5	3.5	5.0	7.7	11.1	14.2	17.6	23.1	29.5
-77.5°	2.5	2.5	2.5	3.5	4.7	6.6	9.4	11.9	14.6	17.5	21.6
-80°	2.5	2.5	2.5	3.4	4.6	5.9	7.6	9.6	11.8	14.1	16.6
-82.5°	2.5	2.5	2.5	3.3	4.4	5.5	6.9	7.8	8.9	10.7	12.6
-85°	2.5	2.5	2.5	3.3	4.2	5.2	6.3	7.1	7.9	8.8	9.6
-87.5°	2.5	2.5	2.5	3.2	4.0	4.8	5.6	6.4	7.1	7.8	8.6
-90°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.9	1.2	0.6	0.0





REPORT NUMBER: P626920 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-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°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	8.1	8.8	9.4
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°	0.7	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.6	1.3	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	1.4	0.7	0.3	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	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1.4	1.5	1.0	0.4	0.0	0.1	0.4	0.3	0.0	0.1	0.3
67.5°	2.3	1.7	1.1	0.7	0.9	1.3	1.2	1.3	1.4	1.5	1.3
65°	2.4	1.8	1.9	2.2	2.5	2.7	2.9	3.1	2.6	2.3	2.3
62.5°	2.6	2.8	3.2	3.6	4.0	4.4	4.4	3.9	3.0	3.7	4.2
60°	3.7	4.1	4.6	5.1	5.6	5.9	5.6	5.7	6.3	7.3	14.0
57.5°	5.0	5.3	6.0	6.8	7.4	7.6	7.8	8.5	19.7	32.2	35.6
55°	6.3	6.6	7.6	8.9	9.6	9.5	13.7	28.8	43.4	60.2	66.4
52.5°	7.6	8.1	9.9	11.4	12.3	19.2	34.6	55.1	76.8	96.0	120.9
50°	8.9	10.7	12.6	14.7	23.4	41.3	63.9	91.9	124.6	155.3	186.8
47.5°	11.1	13.4	16.2	23.2	46.2	71.1	102.3	147.4	187.6	224.8	268.0
45°	13.7	18.4	21.5	45.9	72.6	104.8	157.5	212.7	249.2	299.0	375.3
42.5°	16.4	25.5	41.1	69.3	101.9	153.7	219.1	266.2	314.7	395.4	475.7
40°	23.6	34.2	62.1	95.6	136.9	212.5	279.6	332.8	399.2	488.6	572.4
37.5°	32.3	52.1	83.4	123.6	191.8	274.6	346.5	422.5	498.8	583.1	738.6
35°	42.1	68.9	110.5	164.7	246.7	343.5	429.2	514.2	602.1	768.1	922.4
32.5°	54.7	84.2	138.8	212.5	306.0	412.3	511.8	610.0	751.0	938.9	1093.7
30°	68.4	109.0	171.3	256.7	361.9	475.3	595.0	713.9	900.5	1055.9	1224.0
27.5°	82.6	135.0	209.5	302.9	414.2	534.8	669.8	839.5	1005.9	1159.5	1344.2
25°	97.3	162.2	244.4	347.1	465.7	599.1	754.4	961.0	1091.2	1261.0	1453.6
22.5°	116.1	188.2	279.0	387.1	513.4	665.1	863.2	1070.6	1223.8	1366.7	1554.9
20°	137.8	217.5	316.6	437.2	560.2	729.7	971.3	1189.6	1369.8	1533.3	1706.2
17.5°	158.2	244.8	356.8	488.5	628.2	812.3	1077.5	1319.0	1517.3	1699.6	1915.4
15°	177.0	270.1	396.2	536.9	695.0	907.0	1172.7	1437.9	1664.4	1869.4	2114.7
12.5°	194.1	293.2	434.1	582.3	758.0	988.7	1252.6	1511.5	1760.4	2027.6	2306.0
10°	209.6	314.0	469.9	624.1	816.4	1057.7	1318.7	1572.8	1824.0	2106.7	2416.0
7.5°	226.2	333.5	502.5	662.2	869.4	1114.7	1371.4	1622.1	1875.4	2170.0	2487.6
5°	241.6	351.3	528.3	689.5	910.5	1159.3	1411.1	1659.4	1914.4	2217.2	2541.7
2.5°	255.1	366.4	549.4	710.9	940.9	1192.0	1436.9	1690.6	1943.3	2255.5	2583.1
0°	266.5	378.6	565.4	727.3	963.9	1215.5	1452.1	1711.1	1960.2	2281.5	2610.3
-2.5°	273.8	398.6	576.4	756.0	984.0	1230.8	1465.7	1716.8	1978.4	2289.7	2640.8
-5°	279.0	414.8	583.1	778.1	997.2	1237.6	1470.1	1712.4	1983.2	2287.7	2645.3
-7.5°	282.0	426.2	586.2	790.6	1001.8	1233.5	1462.5	1704.0	1975.3	2279.8	2625.5
-10°	283.7	429.8	590.4	786.8	995.7	1220.2	1445.7	1684.2	1952.7	2254.4	2588.0
-12.5°	288.4	427.5	589.7	778.4	982.6	1200.0	1420.7	1652.9	1915.1	2210.9	2536.0
-15°	289.6	422.3	582.6	766.1	962.6	1173.6	1388.0	1609.9	1868.7	2168.6	2478.6
-17.5°	286.9	414.6	568.8	750.3	935.8	1141.6	1349.5	1571.2	1825.1	2119.8	2418.2
-20°	280.3	404.6	547.9	731.8	904.0	1106.1	1310.9	1530.6	1775.1	2052.0	2350.7

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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°	269.3	392.4	525.4	705.8	876.5	1065.3	1265.7	1475.3	1712.3	1964.1	2260.0
-25°	258.1	378.7	507.6	670.2	843.4	1017.6	1213.8	1407.7	1638.6	1885.9	2148.4
-27.5°	247.4	359.6	489.2	631.2	804.5	966.8	1155.1	1344.2	1555.7	1798.1	2039.8
-30°	233.4	338.9	466.6	593.7	757.9	918.8	1089.5	1275.7	1465.9	1695.9	1933.7
-32.5°	221.1	317.4	440.9	565.1	707.9	864.8	1018.9	1196.4	1382.0	1578.1	1813.0
-35°	212.8	304.7	413.7	532.1	656.9	806.1	952.7	1106.8	1286.6	1470.7	1677.0
-37.5°	206.1	290.1	385.1	497.6	616.5	744.5	881.7	1023.6	1180.4	1366.0	1560.0
-40°	195.6	273.6	363.9	464.8	569.7	686.1	813.5	941.9	1077.8	1259.1	1450.5
-42.5°	182.1	257.7	343.9	429.1	524.9	631.2	744.4	865.4	996.0	1153.5	1329.4
-45°	171.8	237.3	321.6	398.0	477.3	574.5	680.8	790.4	913.6	1048.8	1206.8
-47.5°	158.6	215.2	292.6	363.9	433.8	516.8	614.0	717.7	826.9	948.7	1078.2
-50°	144.5	196.7	257.0	326.5	393.1	462.1	545.0	640.9	739.9	846.1	961.7
-52.5°	133.8	175.1	230.2	288.0	351.4	414.0	484.6	566.8	655.3	744.0	845.7
-55°	121.7	159.2	204.6	256.4	310.4	368.4	432.7	504.7	576.8	658.3	739.4
-57.5°	113.2	143.9	183.2	228.3	276.8	326.0	386.7	447.6	514.3	581.8	649.1
-60°	106.5	130.7	163.3	203.0	246.3	292.3	342.0	398.3	455.7	510.8	568.9
-62.5°	98.9	119.9	145.4	177.8	216.9	256.9	300.8	349.0	401.0	447.3	492.4
-65°	89.1	107.3	129.2	155.5	186.3	220.1	257.5	298.1	343.0	380.7	417.5
-67.5°	77.8	93.1	111.5	133.0	158.6	185.0	212.4	246.8	283.3	314.0	344.0
-70°	63.6	77.8	92.8	110.3	130.4	152.8	176.9	201.8	226.8	251.9	279.3
-72.5°	48.7	61.6	74.3	86.9	102.8	121.2	140.9	161.8	183.6	205.0	225.8
-75°	37.1	45.5	56.6	67.9	79.0	91.0	104.3	120.9	141.1	161.9	181.0
-77.5°	28.0	35.1	42.5	50.2	57.2	66.1	75.7	86.0	102.7	121.9	141.3
-80°	20.2	24.4	30.3	36.6	41.5	46.4	51.4	56.7	69.1	84.5	101.0
-82.5°	15.0	17.9	21.2	24.8	27.3	29.7	32.4	35.9	45.1	55.5	66.5
-85°	10.4	11.2	13.0	15.0	16.4	17.8	19.2	20.7	25.7	31.2	37.2
-87.5°	8.9	9.4	9.8	10.4	10.5	10.7	10.9	11.0	12.7	14.4	16.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	10.0	10.6	11.3	11.9	12.5	13.1	13.7	14.3	14.9	14.9	14.9
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°	0.2	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1.1	1.3	1.3	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0
65°	2.6	2.5	1.9	1.2	0.6	0.9	1.5	1.8	1.8	1.6	1.3
62.5°	4.0	3.6	3.3	3.8	4.5	5.3	5.0	4.8	4.4	4.2	4.4
60°	14.7	9.8	11.4	14.3	13.3	9.2	15.0	17.0	14.5	9.9	9.6
57.5°	37.3	36.0	41.3	60.3	66.4	60.5	72.3	87.7	87.3	75.2	74.8
55°	79.5	106.7	139.5	144.8	167.7	213.4	249.0	233.4	233.3	245.1	283.0
52.5°	151.1	176.7	186.3	211.8	259.5	294.1	316.4	339.4	364.7	390.5	416.6
50°	221.7	246.6	274.9	301.0	367.0	402.6	396.7	444.4	505.5	543.6	563.2
47.5°	325.2	364.5	424.2	517.9	567.2	602.8	647.1	701.2	771.2	866.0	939.1
45°	447.1	508.8	601.3	700.8	777.3	812.1	862.8	946.5	1058.1	1166.7	1246.0
42.5°	546.7	631.4	735.7	830.7	893.1	950.4	1016.1	1086.6	1214.4	1330.5	1422.1
40°	676.7	742.6	859.6	949.2	1005.1	1061.9	1165.9	1271.6	1391.7	1499.8	1575.0
37.5°	841.4	915.7	1037.4	1138.7	1192.5	1212.5	1389.5	1536.6	1634.2	1772.2	1817.4
35°	1018.4	1140.6	1295.7	1427.1	1479.8	1585.1	1767.4	1972.6	2194.9	2276.7	2346.4
32.5°	1215.9	1366.6	1577.1	1718.1	1793.3	1953.1	2183.8	2402.8	2693.6	2851.4	2898.5
30°	1396.5	1569.6	1750.4	1887.4	2016.1	2208.5	2418.9	2689.0	2957.8	3159.6	3222.2
27.5°	1529.1	1720.5	1894.4	2022.7	2167.9	2375.4	2637.7	2911.2	3175.1	3381.0	3454.1
25°	1655.7	1872.0	2009.7	2158.9	2329.4	2555.4	2846.2	3150.1	3410.0	3584.0	3673.7
22.5°	1799.6	2012.9	2160.7	2287.1	2510.0	2770.5	3040.4	3383.8	3659.2	3798.0	3895.2
20°	1948.2	2189.5	2417.8	2535.4	2728.3	3058.1	3360.2	3684.4	3950.3	4095.0	4197.4
17.5°	2155.5	2463.0	2743.0	2909.5	3116.0	3510.4	3887.4	4215.3	4585.3	4715.9	4841.1
15°	2374.1	2730.0	3058.0	3321.7	3588.5	3979.3	4464.6	4860.3	5282.4	5470.9	5684.0
12.5°	2591.9	2928.7	3225.9	3566.2	3942.1	4287.8	4749.8	5242.6	5625.7	5866.0	6009.5
10°	2754.8	3067.6	3353.6	3694.6	4069.9	4460.9	4920.0	5425.1	5826.1	6031.3	6148.4
7.5°	2842.7	3142.1	3443.8	3789.4	4163.0	4579.4	5052.4	5553.6	5963.6	6162.3	6277.9
5°	2908.0	3195.5	3507.9	3871.7	4249.5	4671.6	5144.0	5639.3	6013.1	6224.3	6370.5
2.5°	2947.5	3229.4	3548.7	3924.9	4303.6	4743.3	5238.6	5751.9	6078.9	6248.9	6383.4
0°	2959.0	3242.9	3571.7	3952.8	4341.3	4784.7	5275.3	5783.4	6114.7	6279.1	6416.1
-2.5°	2971.9	3264.2	3602.0	3970.8	4356.1	4798.2	5299.0	5794.1	6092.1	6258.0	6388.3
-5°	2962.9	3265.9	3602.6	3955.9	4343.7	4782.2	5263.1	5726.0	6037.7	6217.0	6346.6
-7.5°	2936.1	3243.4	3576.7	3916.2	4296.6	4740.1	5218.9	5664.7	5980.5	6169.6	6311.3
-10°	2897.1	3195.4	3531.0	3874.8	4250.7	4672.9	5144.3	5587.4	5889.6	6090.4	6255.7
-12.5°	2853.8	3146.0	3469.4	3799.2	4171.0	4588.0	5044.7	5464.2	5764.6	5983.6	6101.7
-15°	2789.7	3081.7	3391.0	3710.0	4072.3	4476.8	4913.2	5315.6	5610.6	5788.8	5919.4
-17.5°	2708.2	2994.7	3287.9	3590.5	3931.8	4330.2	4769.2	5166.1	5406.6	5565.7	5694.0
-20°	2620.9	2885.8	3163.6	3449.2	3780.0	4174.7	4605.8	4952.0	5178.7	5331.6	5452.7



REPORT NUMBER: P626920 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2521.3	2776.4	3030.6	3303.5	3628.0	3989.8	4370.6	4705.2	4948.9	5088.2	5200.1
-25°	2407.5	2655.6	2897.0	3160.7	3458.8	3784.0	4138.1	4466.9	4685.2	4833.2	4944.1
-27.5°	2284.9	2518.1	2753.9	2990.6	3258.6	3582.7	3910.6	4216.0	4402.3	4551.4	4663.1
-30°	2162.5	2372.3	2590.5	2814.5	3066.1	3358.3	3665.0	3921.8	4118.3	4263.2	4366.9
-32.5°	2029.9	2228.9	2422.3	2631.7	2868.6	3126.1	3395.3	3639.6	3849.5	3982.2	4069.6
-35°	1894.1	2086.8	2263.7	2453.9	2662.8	2885.0	3133.5	3374.4	3581.8	3686.8	3771.9
-37.5°	1752.7	1944.8	2112.5	2271.3	2451.3	2657.1	2899.2	3129.0	3308.2	3398.4	3475.2
-40°	1629.7	1798.8	1949.8	2101.8	2248.1	2430.9	2656.7	2879.3	3023.0	3111.0	3182.3
-42.5°	1510.3	1653.0	1776.6	1912.8	2059.3	2239.4	2421.7	2608.3	2723.8	2821.5	2896.6
-45°	1371.2	1498.8	1614.7	1728.0	1861.5	2026.0	2191.6	2341.1	2449.3	2543.6	2616.8
-47.5°	1217.4	1340.5	1453.1	1554.5	1678.6	1815.7	1955.1	2079.6	2186.4	2279.6	2344.9
-50°	1074.1	1184.1	1294.0	1396.6	1504.1	1615.1	1728.1	1837.3	1938.8	2029.4	2084.9
-52.5°	945.7	1047.2	1143.2	1232.9	1327.0	1420.8	1514.4	1614.4	1707.7	1793.5	1837.8
-55°	829.5	921.0	1007.7	1083.2	1158.7	1233.1	1313.4	1405.7	1491.6	1571.1	1602.9
-57.5°	725.2	803.5	880.2	944.1	1005.7	1064.9	1135.3	1213.3	1288.5	1356.6	1382.7
-60°	629.3	691.4	755.6	812.2	866.0	916.7	978.2	1040.9	1101.9	1153.2	1175.4
-62.5°	541.0	594.1	642.8	688.8	734.3	780.0	829.6	879.4	928.7	968.2	988.2
-65°	456.0	498.2	537.3	575.2	611.9	650.3	689.1	727.0	763.4	791.7	809.0
-67.5°	376.1	408.3	439.3	468.8	499.5	530.6	561.0	589.9	617.3	639.2	655.8
-70°	305.3	330.2	354.5	378.9	404.6	428.7	451.6	473.3	493.6	509.4	522.2
-72.5°	246.1	266.3	287.2	309.2	330.0	348.0	364.5	380.3	395.5	404.4	411.0
-75°	198.4	215.4	233.6	251.4	268.7	282.5	294.5	306.3	317.5	318.1	315.8
-77.5°	160.3	175.5	189.6	203.6	217.4	225.9	233.2	240.9	248.5	244.1	237.1
-80°	117.6	130.3	142.3	154.3	166.3	171.3	174.8	177.9	180.4	174.6	167.4
-82.5°	78.1	86.0	93.8	101.7	109.8	113.0	115.4	117.3	118.9	113.6	107.6
-85°	43.6	47.4	51.1	54.9	58.7	61.0	63.0	64.9	66.6	63.5	60.0
-87.5°	18.1	19.0	19.8	20.7	21.5	22.3	23.0	23.8	24.6	24.7	24.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GFLD-SA2C-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°	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.3
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°	0.7	0.1	0.0	0.0	0.0	0.1	0.7	1.3	1.6	1.8	1.8
62.5°	4.6	4.8	4.9	5.0	4.9	4.8	4.6	4.4	4.2	4.4	4.8
60°	8.8	7.7	7.5	7.5	7.5	7.7	8.8	9.6	9.9	14.5	17.0
57.5°	69.1	59.1	60.6	67.2	60.6	59.1	69.1	74.8	75.2	87.3	87.7
55°	322.7	360.2	373.5	366.1	373.5	360.2	322.7	283.0	245.1	233.3	233.4
52.5°	437.2	452.6	458.5	458.3	458.5	452.6	437.2	416.6	390.5	364.7	339.4
50°	569.2	563.9	555.9	548.0	555.9	563.9	569.2	563.2	543.6	505.5	444.4
47.5°	949.8	933.3	926.4	939.0	926.4	933.3	949.8	939.1	866.0	771.2	701.2
45°	1262.2	1281.5	1295.9	1295.2	1295.9	1281.5	1262.2	1246.0	1166.7	1058.1	946.5
42.5°	1440.1	1450.4	1453.4	1449.6	1453.4	1450.4	1440.1	1422.1	1330.5	1214.4	1086.6
40°	1598.6	1610.9	1617.8	1623.9	1617.8	1610.9	1598.6	1575.0	1499.8	1391.7	1271.6
37.5°	1832.3	1836.8	1827.0	1820.7	1827.0	1836.8	1832.3	1817.4	1772.2	1634.2	1536.6
35°	2405.2	2416.9	2389.8	2418.5	2389.8	2416.9	2405.2	2346.4	2276.7	2194.9	1972.6
32.5°	2954.7	3009.7	3054.1	3091.0	3054.1	3009.7	2954.7	2898.5	2851.4	2693.6	2402.8
30°	3265.9	3301.4	3320.5	3325.1	3320.5	3301.4	3265.9	3222.2	3159.6	2957.8	2689.0
27.5°	3494.5	3531.7	3554.8	3571.7	3554.8	3531.7	3494.5	3454.1	3381.0	3175.1	2911.2
25°	3714.8	3748.8	3771.9	3780.9	3771.9	3748.8	3714.8	3673.7	3584.0	3410.0	3150.1
22.5°	3943.3	3966.9	3989.2	4000.1	3989.2	3966.9	3943.3	3895.2	3798.0	3659.2	3383.8
20°	4270.9	4258.1	4278.4	4271.6	4278.4	4258.1	4270.9	4197.4	4095.0	3950.3	3684.4
17.5°	4938.7	4945.6	4959.1	4981.4	4959.1	4945.6	4938.7	4841.1	4715.9	4585.3	4215.3
15°	5778.4	5795.3	5881.2	5957.8	5881.2	5795.3	5778.4	5684.0	5470.9	5282.4	4860.3
12.5°	6142.6	6201.1	6210.2	6231.8	6210.2	6201.1	6142.6	6009.5	5866.0	5625.7	5242.6
10°	6264.2	6365.4	6363.3	6388.7	6363.3	6365.4	6264.2	6148.4	6031.3	5826.1	5425.1
7.5°	6356.4	6465.1	6511.1	6530.7	6511.1	6465.1	6356.4	6277.9	6162.3	5963.6	5553.6
5°	6469.0	6528.8	6608.1	6585.5	6608.1	6528.8	6469.0	6370.5	6224.3	6013.1	5639.3
2.5°	6516.2	6609.9	6588.3	6610.4	6588.3	6609.9	6516.2	6383.4	6248.9	6078.9	5751.9
0°	6548.1	6615.3	6625.3	6647.7	6625.3	6615.3	6548.1	6416.1	6279.1	6114.7	5783.4
-2.5°	6509.5	6568.7	6672.3	6640.2	6672.3	6568.7	6509.5	6388.3	6258.0	6092.1	5794.1
-5°	6475.6	6621.3	6564.7	6635.3	6564.7	6621.3	6475.6	6346.6	6217.0	6037.7	5726.0
-7.5°	6458.1	6484.2	6521.7	6575.5	6521.7	6484.2	6458.1	6311.3	6169.6	5980.5	5664.7
-10°	6322.9	6349.6	6418.5	6455.9	6418.5	6349.6	6322.9	6255.7	6090.4	5889.6	5587.4
-12.5°	6176.3	6227.9	6300.4	6323.9	6300.4	6227.9	6176.3	6101.7	5983.6	5764.6	5464.2
-15°	6007.4	6084.0	6154.7	6169.5	6154.7	6084.0	6007.4	5919.4	5788.8	5610.6	5315.6
-17.5°	5792.6	5884.5	5958.8	5975.2	5958.8	5884.5	5792.6	5694.0	5565.7	5406.6	5166.1
-20°	5556.0	5644.0	5707.1	5726.2	5707.1	5644.0	5556.0	5452.7	5331.6	5178.7	4952.0



REPORT NUMBER: P626920 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-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°	5302.7	5381.9	5435.3	5427.3	5435.3	5381.9	5302.7	5200.1	5088.2	4948.9	4705.2
-25°	5033.7	5107.2	5158.0	5150.8	5158.0	5107.2	5033.7	4944.1	4833.2	4685.2	4466.9
-27.5°	4749.3	4819.0	4867.8	4869.4	4867.8	4819.0	4749.3	4663.1	4551.4	4402.3	4216.0
-30°	4450.5	4513.7	4553.4	4538.1	4553.4	4513.7	4450.5	4366.9	4263.2	4118.3	3921.8
-32.5°	4142.3	4199.5	4235.9	4246.7	4235.9	4199.5	4142.3	4069.6	3982.2	3849.5	3639.6
-35°	3838.3	3888.7	3920.1	3927.9	3920.1	3888.7	3838.3	3771.9	3686.8	3581.8	3374.4
-37.5°	3536.2	3579.6	3601.5	3591.6	3601.5	3579.6	3536.2	3475.2	3398.4	3308.2	3129.0
-40°	3237.7	3279.1	3304.2	3310.2	3304.2	3279.1	3237.7	3182.3	3111.0	3023.0	2879.3
-42.5°	2944.3	2978.6	3000.7	3011.3	3000.7	2978.6	2944.3	2896.6	2821.5	2723.8	2608.3
-45°	2659.5	2690.2	2710.9	2722.4	2710.9	2690.2	2659.5	2616.8	2543.6	2449.3	2341.1
-47.5°	2382.3	2409.2	2427.1	2435.9	2427.1	2409.2	2382.3	2344.9	2279.6	2186.4	2079.6
-50°	2117.4	2140.7	2157.4	2166.9	2157.4	2140.7	2117.4	2084.9	2029.4	1938.8	1837.3
-52.5°	1866.1	1886.4	1900.6	1907.9	1900.6	1886.4	1866.1	1837.8	1793.5	1707.7	1614.4
-55°	1626.1	1642.6	1655.7	1663.8	1655.7	1642.6	1626.1	1602.9	1571.1	1491.6	1405.7
-57.5°	1402.4	1415.9	1428.3	1437.1	1428.3	1415.9	1402.4	1382.7	1356.6	1288.5	1213.3
-60°	1192.9	1205.7	1216.2	1222.9	1216.2	1205.7	1192.9	1175.4	1153.2	1101.9	1040.9
-62.5°	1003.9	1015.2	1024.9	1031.2	1024.9	1015.2	1003.9	988.2	968.2	928.7	879.4
-65°	822.7	832.8	840.1	844.4	840.1	832.8	822.7	809.0	791.7	763.4	727.0
-67.5°	669.9	681.6	683.9	682.5	683.9	681.6	669.9	655.8	639.2	617.3	589.9
-70°	533.6	543.5	545.8	545.5	545.8	543.5	533.6	522.2	509.4	493.6	473.3
-72.5°	417.2	422.6	418.0	411.0	418.0	422.6	417.2	411.0	404.4	395.5	380.3
-75°	313.1	309.6	304.8	298.9	304.8	309.6	313.1	315.8	318.1	317.5	306.3
-77.5°	229.3	220.8	215.3	209.2	215.3	220.8	229.3	237.1	244.1	248.5	240.9
-80°	159.6	151.3	145.6	139.5	145.6	151.3	159.6	167.4	174.6	180.4	177.9
-82.5°	101.1	94.2	90.8	87.2	90.8	94.2	101.1	107.6	113.6	118.9	117.3
-85°	56.2	52.1	49.8	47.3	49.8	52.1	56.2	60.0	63.5	66.6	64.9
-87.5°	24.8	24.9	23.6	22.4	23.6	24.9	24.8	24.7	24.7	24.6	23.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P626920 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-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°	13.7	13.1	12.5	11.9	11.3	10.6	10.0	9.4	8.8	8.1	7.5
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°	0.0	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	0.3
67.5°	0.0	0.0	0.4	1.0	1.3	1.3	1.1	1.3	1.5	1.4	1.3
65°	1.5	0.9	0.6	1.2	1.9	2.5	2.6	2.3	2.3	2.6	3.1
62.5°	5.0	5.3	4.5	3.8	3.3	3.6	4.0	4.2	3.7	3.0	3.9
60°	15.0	9.2	13.3	14.3	11.4	9.8	14.7	14.0	7.3	6.3	5.7
57.5°	72.3	60.5	66.4	60.3	41.3	36.0	37.3	35.6	32.2	19.7	8.5
55°	249.0	213.4	167.7	144.8	139.5	106.7	79.5	66.4	60.2	43.4	28.8
52.5°	316.4	294.1	259.5	211.8	186.3	176.7	151.1	120.9	96.0	76.8	55.1
50°	396.7	402.6	367.0	301.0	274.9	246.6	221.7	186.8	155.3	124.6	91.9
47.5°	647.1	602.8	567.2	517.9	424.2	364.5	325.2	268.0	224.8	187.6	147.4
45°	862.8	812.1	777.3	700.8	601.3	508.8	447.1	375.3	299.0	249.2	212.7
42.5°	1016.1	950.4	893.1	830.7	735.7	631.4	546.7	475.7	395.4	314.7	266.2
40°	1165.9	1061.9	1005.1	949.2	859.6	742.6	676.7	572.4	488.6	399.2	332.8
37.5°	1389.5	1212.5	1192.5	1138.7	1037.4	915.7	841.4	738.6	583.1	498.8	422.5
35°	1767.4	1585.1	1479.8	1427.1	1295.7	1140.6	1018.4	922.4	768.1	602.1	514.2
32.5°	2183.8	1953.1	1793.3	1718.1	1577.1	1366.6	1215.9	1093.7	938.9	751.0	610.0
30°	2418.9	2208.5	2016.1	1887.4	1750.4	1569.6	1396.5	1224.0	1055.9	900.5	713.9
27.5°	2637.7	2375.4	2167.9	2022.7	1894.4	1720.5	1529.1	1344.2	1159.5	1005.9	839.5
25°	2846.2	2555.4	2329.4	2158.9	2009.7	1872.0	1655.7	1453.6	1261.0	1091.2	961.0
22.5°	3040.4	2770.5	2510.0	2287.1	2160.7	2012.9	1799.6	1554.9	1366.7	1223.8	1070.6
20°	3360.2	3058.1	2728.3	2535.4	2417.8	2189.5	1948.2	1706.2	1533.3	1369.8	1189.6
17.5°	3887.4	3510.4	3116.0	2909.5	2743.0	2463.0	2155.5	1915.4	1699.6	1517.3	1319.0
15°	4464.6	3979.3	3588.5	3321.7	3058.0	2730.0	2374.1	2114.7	1869.4	1664.4	1437.9
12.5°	4749.8	4287.8	3942.1	3566.2	3225.9	2928.7	2591.9	2306.0	2027.6	1760.4	1511.5
10°	4920.0	4460.9	4069.9	3694.6	3353.6	3067.6	2754.8	2416.0	2106.7	1824.0	1572.8
7.5°	5052.4	4579.4	4163.0	3789.4	3443.8	3142.1	2842.7	2487.6	2170.0	1875.4	1622.1
5°	5144.0	4671.6	4249.5	3871.7	3507.9	3195.5	2908.0	2541.7	2217.2	1914.4	1659.4
2.5°	5238.6	4743.3	4303.6	3924.9	3548.7	3229.4	2947.5	2583.1	2255.5	1943.3	1690.6
0°	5275.3	4784.7	4341.3	3952.8	3571.7	3242.9	2959.0	2610.3	2281.5	1960.2	1711.1
-2.5°	5299.0	4798.2	4356.1	3970.8	3602.0	3264.2	2971.9	2640.8	2289.7	1978.4	1716.8
-5°	5263.1	4782.2	4343.7	3955.9	3602.6	3265.9	2962.9	2645.3	2287.7	1983.2	1712.4
-7.5°	5218.9	4740.1	4296.6	3916.2	3576.7	3243.4	2936.1	2625.5	2279.8	1975.3	1704.0
-10°	5144.3	4672.9	4250.7	3874.8	3531.0	3195.4	2897.1	2588.0	2254.4	1952.7	1684.2
-12.5°	5044.7	4588.0	4171.0	3799.2	3469.4	3146.0	2853.8	2536.0	2210.9	1915.1	1652.9
-15°	4913.2	4476.8	4072.3	3710.0	3391.0	3081.7	2789.7	2478.6	2168.6	1868.7	1609.9
-17.5°	4769.2	4330.2	3931.8	3590.5	3287.9	2994.7	2708.2	2418.2	2119.8	1825.1	1571.2
-20°	4605.8	4174.7	3780.0	3449.2	3163.6	2885.8	2620.9	2350.7	2052.0	1775.1	1530.6



REPORT NUMBER: P626920 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-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°	4370.6	3989.8	3628.0	3303.5	3030.6	2776.4	2521.3	2260.0	1964.1	1712.3	1475.3
-25°	4138.1	3784.0	3458.8	3160.7	2897.0	2655.6	2407.5	2148.4	1885.9	1638.6	1407.7
-27.5°	3910.6	3582.7	3258.6	2990.6	2753.9	2518.1	2284.9	2039.8	1798.1	1555.7	1344.2
-30°	3665.0	3358.3	3066.1	2814.5	2590.5	2372.3	2162.5	1933.7	1695.9	1465.9	1275.7
-32.5°	3395.3	3126.1	2868.6	2631.7	2422.3	2228.9	2029.9	1813.0	1578.1	1382.0	1196.4
-35°	3133.5	2885.0	2662.8	2453.9	2263.7	2086.8	1894.1	1677.0	1470.7	1286.6	1106.8
-37.5°	2899.2	2657.1	2451.3	2271.3	2112.5	1944.8	1752.7	1560.0	1366.0	1180.4	1023.6
-40°	2656.7	2430.9	2248.1	2101.8	1949.8	1798.8	1629.7	1450.5	1259.1	1077.8	941.9
-42.5°	2421.7	2239.4	2059.3	1912.8	1776.6	1653.0	1510.3	1329.4	1153.5	996.0	865.4
-45°	2191.6	2026.0	1861.5	1728.0	1614.7	1498.8	1371.2	1206.8	1048.8	913.6	790.4
-47.5°	1955.1	1815.7	1678.6	1554.5	1453.1	1340.5	1217.4	1078.2	948.7	826.9	717.7
-50°	1728.1	1615.1	1504.1	1396.6	1294.0	1184.1	1074.1	961.7	846.1	739.9	640.9
-52.5°	1514.4	1420.8	1327.0	1232.9	1143.2	1047.2	945.7	845.7	744.0	655.3	566.8
-55°	1313.4	1233.1	1158.7	1083.2	1007.7	921.0	829.5	739.4	658.3	576.8	504.7
-57.5°	1135.3	1064.9	1005.7	944.1	880.2	803.5	725.2	649.1	581.8	514.3	447.6
-60°	978.2	916.7	866.0	812.2	755.6	691.4	629.3	568.9	510.8	455.7	398.3
-62.5°	829.6	780.0	734.3	688.8	642.8	594.1	541.0	492.4	447.3	401.0	349.0
-65°	689.1	650.3	611.9	575.2	537.3	498.2	456.0	417.5	380.7	343.0	298.1
-67.5°	561.0	530.6	499.5	468.8	439.3	408.3	376.1	344.0	314.0	283.3	246.8
-70°	451.6	428.7	404.6	378.9	354.5	330.2	305.3	279.3	251.9	226.8	201.8
-72.5°	364.5	348.0	330.0	309.2	287.2	266.3	246.1	225.8	205.0	183.6	161.8
-75°	294.5	282.5	268.7	251.4	233.6	215.4	198.4	181.0	161.9	141.1	120.9
-77.5°	233.2	225.9	217.4	203.6	189.6	175.5	160.3	141.3	121.9	102.7	86.0
-80°	174.8	171.3	166.3	154.3	142.3	130.3	117.6	101.0	84.5	69.1	56.7
-82.5°	115.4	113.0	109.8	101.7	93.8	86.0	78.1	66.5	55.5	45.1	35.9
-85°	63.0	61.0	58.7	54.9	51.1	47.4	43.6	37.2	31.2	25.7	20.7
-87.5°	23.0	22.3	21.5	20.7	19.8	19.0	18.1	16.2	14.4	12.7	11.0
-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: P626920 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-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°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	6.9	6.3	5.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.8	1.3
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.8
82.5°	0.0	0.0	0.0	0.0	0.4	0.6	0.7	0.7	0.4	0.1	0.2
80°	0.0	0.0	0.0	0.1	0.6	1.3	1.6	1.7	1.3	0.9	0.5
77.5°	0.0	0.0	0.0	0.0	0.3	0.7	1.4	2.3	2.3	1.7	1.2
75°	0.0	0.0	0.0	0.1	0.2	0.0	0.5	1.3	2.0	2.5	2.0
72.5°	0.0	0.0	0.0	0.3	0.7	0.7	0.4	0.4	1.4	2.1	2.5
70°	0.4	0.1	0.0	0.4	1.0	1.5	1.4	1.1	1.0	1.8	2.4
67.5°	1.2	1.3	0.9	0.7	1.1	1.7	2.3	2.2	1.9	1.6	2.3
65°	2.9	2.7	2.5	2.2	1.9	1.8	2.4	3.1	2.9	2.5	2.3
62.5°	4.4	4.4	4.0	3.6	3.2	2.8	2.6	3.4	3.8	3.4	2.8
60°	5.6	5.9	5.6	5.1	4.6	4.1	3.7	3.9	4.4	4.2	3.6
57.5°	7.8	7.6	7.4	6.8	6.0	5.3	5.0	4.9	5.0	5.0	4.3
55°	13.7	9.5	9.6	8.9	7.6	6.6	6.3	6.1	5.8	5.7	5.1
52.5°	34.6	19.2	12.3	11.4	9.9	8.1	7.6	7.3	6.9	6.5	5.8
50°	63.9	41.3	23.4	14.7	12.6	10.7	8.9	8.4	7.9	7.4	6.5
47.5°	102.3	71.1	46.2	23.2	16.2	13.4	11.1	9.6	9.0	8.3	7.2
45°	157.5	104.8	72.6	45.9	21.5	18.4	13.7	10.8	10.0	9.2	7.9
42.5°	219.1	153.7	101.9	69.3	41.1	25.5	16.4	13.0	11.1	10.1	8.6
40°	279.6	212.5	136.9	95.6	62.1	34.2	23.6	15.5	12.1	11.1	9.5
37.5°	346.5	274.6	191.8	123.6	83.4	52.1	32.3	18.1	13.7	12.2	10.4
35°	429.2	343.5	246.7	164.7	110.5	68.9	42.1	23.0	16.9	13.2	11.2
32.5°	511.8	412.3	306.0	212.5	138.8	84.2	54.7	32.8	20.5	14.4	12.2
30°	595.0	475.3	361.9	256.7	171.3	109.0	68.4	42.4	24.7	15.6	13.1
27.5°	669.8	534.8	414.2	302.9	209.5	135.0	82.6	51.7	29.4	17.6	14.1
25°	754.4	599.1	465.7	347.1	244.4	162.2	97.3	60.8	36.2	21.2	15.0
22.5°	863.2	665.1	513.4	387.1	279.0	188.2	116.1	72.8	43.7	25.0	16.0
20°	971.3	729.7	560.2	437.2	316.6	217.5	137.8	84.7	50.8	28.9	17.0
17.5°	1077.5	812.3	628.2	488.5	356.8	244.8	158.2	96.4	57.5	33.0	18.0
15°	1172.7	907.0	695.0	536.9	396.2	270.1	177.0	107.8	63.8	37.0	19.2
12.5°	1252.6	988.7	758.0	582.3	434.1	293.2	194.1	118.7	69.6	41.5	21.0
10°	1318.7	1057.7	816.4	624.1	469.9	314.0	209.6	129.6	76.4	46.2	22.8
7.5°	1371.4	1114.7	869.4	662.2	502.5	333.5	226.2	141.1	83.0	50.8	24.6
5°	1411.1	1159.3	910.5	689.5	528.3	351.3	241.6	151.7	89.1	55.0	26.5
2.5°	1436.9	1192.0	940.9	710.9	549.4	366.4	255.1	161.2	94.6	58.9	28.2
0°	1452.1	1215.5	963.9	727.3	565.4	378.6	266.5	169.4	99.6	62.3	29.9
-2.5°	1465.7	1230.8	984.0	756.0	576.4	398.6	273.8	176.8	107.5	64.8	32.9
-5°	1470.1	1237.6	997.2	778.1	583.1	414.8	279.0	182.9	114.4	66.7	35.7
-7.5°	1462.5	1233.5	1001.8	790.6	586.2	426.2	282.0	187.6	120.0	68.3	38.1
-10°	1445.7	1220.2	995.7	786.8	590.4	429.8	283.7	191.1	124.1	69.4	40.1
-12.5°	1420.7	1200.0	982.6	778.4	589.7	427.5	288.4	193.8	126.2	70.2	41.6
-15°	1388.0	1173.6	962.6	766.1	582.6	422.3	289.6	194.8	126.0	71.7	42.6
-17.5°	1349.5	1141.6	935.8	750.3	568.8	414.6	286.9	193.6	124.7	73.8	43.5
-20°	1310.9	1106.1	904.0	731.8	547.9	404.6	280.3	190.0	122.4	75.2	44.4

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Cooper Lighting Solutions Photometric Lab  
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REPORT NUMBER: P626920 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-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°	1265.7	1065.3	876.5	705.8	525.4	392.4	269.3	184.0	119.2	75.8	44.7
-25°	1213.8	1017.6	843.4	670.2	507.6	378.7	258.1	175.4	114.9	75.6	44.6
-27.5°	1155.1	966.8	804.5	631.2	489.2	359.6	247.4	169.1	111.3	74.5	43.9
-30°	1089.5	918.8	757.9	593.7	466.6	338.9	233.4	162.0	109.7	73.1	42.7
-32.5°	1018.9	864.8	707.9	565.1	440.9	317.4	221.1	154.0	107.0	71.4	42.8
-35°	952.7	806.1	656.9	532.1	413.7	304.7	212.8	145.2	103.1	68.9	43.0
-37.5°	881.7	744.5	616.5	497.6	385.1	290.1	206.1	141.2	98.1	65.7	42.8
-40°	813.5	686.1	569.7	464.8	363.9	273.6	195.6	136.8	93.3	61.8	42.3
-42.5°	744.4	631.2	524.9	429.1	343.9	257.7	182.1	130.0	89.4	59.6	41.3
-45°	680.8	574.5	477.3	398.0	321.6	237.3	171.8	121.5	84.7	58.0	40.4
-47.5°	614.0	516.8	433.8	363.9	292.6	215.2	158.6	114.7	78.9	55.9	39.9
-50°	545.0	462.1	393.1	326.5	257.0	196.7	144.5	106.7	76.9	54.3	38.9
-52.5°	484.6	414.0	351.4	288.0	230.2	175.1	133.8	98.1	74.2	52.9	37.5
-55°	432.7	368.4	310.4	256.4	204.6	159.2	121.7	94.0	70.8	51.2	35.8
-57.5°	386.7	326.0	276.8	228.3	183.2	143.9	113.2	89.2	67.3	48.8	34.3
-60°	342.0	292.3	246.3	203.0	163.3	130.7	106.5	83.6	63.1	45.7	32.6
-62.5°	300.8	256.9	216.9	177.8	145.4	119.9	98.9	77.1	58.1	41.9	30.4
-65°	257.5	220.1	186.3	155.5	129.2	107.3	89.1	69.7	51.6	37.3	27.5
-67.5°	212.4	185.0	158.6	133.0	111.5	93.1	77.8	59.9	43.9	32.0	24.2
-70°	176.9	152.8	130.4	110.3	92.8	77.8	63.6	48.4	35.4	27.4	20.6
-72.5°	140.9	121.2	102.8	86.9	74.3	61.6	48.7	37.1	29.4	22.6	16.8
-75°	104.3	91.0	79.0	67.9	56.6	45.5	37.1	29.5	23.1	17.6	14.2
-77.5°	75.7	66.1	57.2	50.2	42.5	35.1	28.0	21.6	17.5	14.6	11.9
-80°	51.4	46.4	41.5	36.6	30.3	24.4	20.2	16.6	14.1	11.8	9.6
-82.5°	32.4	29.7	27.3	24.8	21.2	17.9	15.0	12.6	10.7	8.9	7.8
-85°	19.2	17.8	16.4	15.0	13.0	11.2	10.4	9.6	8.8	7.9	7.1
-87.5°	10.9	10.7	10.5	10.4	9.8	9.4	8.9	8.6	7.8	7.1	6.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.2	1.9

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CATALOG NUMBER: GFLD-SA2C-735-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	5.0	4.4	3.8	3.1	2.5	2.5	2.5
87.5°	1.9	2.1	2.3	2.4	2.5	2.5	2.5
85°	1.2	1.7	2.1	2.3	2.5	2.5	2.5
82.5°	0.6	1.3	1.9	2.3	2.5	2.5	2.5
80°	0.1	0.9	1.7	2.2	2.5	2.5	2.5
77.5°	0.8	0.8	1.5	2.1	2.5	2.5	2.5
75°	1.4	1.2	1.4	2.1	2.5	2.5	2.5
72.5°	2.0	1.6	1.6	2.0	2.5	2.5	2.5
70°	2.5	2.0	1.8	2.0	2.5	2.5	2.5
67.5°	2.6	2.3	2.0	2.1	2.5	2.5	2.5
65°	2.7	2.6	2.2	2.2	2.5	2.5	2.5
62.5°	2.8	2.8	2.3	2.2	2.5	2.5	2.5
60°	3.0	3.0	2.5	2.3	2.5	2.5	2.5
57.5°	3.6	3.2	2.7	2.4	2.5	2.5	2.5
55°	4.2	3.5	3.0	2.4	2.6	2.5	2.5
52.5°	4.8	3.8	3.3	2.5	2.6	2.5	2.5
50°	5.4	4.3	3.5	2.5	2.7	2.5	2.5
47.5°	6.0	4.8	3.8	2.6	2.7	2.5	2.5
45°	6.6	5.3	4.1	2.8	2.8	2.5	2.5
42.5°	7.2	5.8	4.4	3.0	2.9	2.5	2.5
40°	7.7	6.3	4.8	3.3	3.0	2.5	2.5
37.5°	8.3	6.7	5.1	3.7	3.1	2.5	2.5
35°	8.8	7.2	5.5	4.0	3.2	2.5	2.5
32.5°	9.4	7.6	5.8	4.3	3.3	2.5	2.5
30°	10.1	8.0	6.1	4.6	3.4	2.5	2.5
27.5°	10.8	8.4	6.5	4.9	3.5	2.5	2.5
25°	11.6	8.7	6.9	5.2	3.7	2.5	2.5
22.5°	12.3	9.1	7.3	5.5	3.8	2.5	2.5
20°	13.0	9.6	7.7	5.8	3.9	2.5	2.5
17.5°	13.7	10.0	8.0	6.0	4.1	2.5	2.5
15°	14.4	10.4	8.3	6.3	4.2	2.5	2.5
12.5°	15.0	10.8	8.7	6.5	4.4	2.5	2.5
10°	15.6	11.2	9.0	6.7	4.5	2.5	2.5
7.5°	16.1	11.6	9.3	6.9	4.6	2.5	2.5
5°	16.6	11.9	9.5	7.1	4.8	2.5	2.5
2.5°	17.0	12.2	9.8	7.3	4.9	2.5	2.5
0°	17.4	12.5	10.0	7.5	5.0	2.5	2.5
-2.5°	18.4	12.8	10.2	7.5	5.0	2.5	2.5
-5°	19.3	13.0	10.4	7.5	5.0	2.5	2.5
-7.5°	20.0	13.2	10.6	7.4	5.0	2.5	2.5
-10°	20.7	13.4	10.7	7.4	4.9	2.5	2.5
-12.5°	21.2	13.5	10.7	7.3	4.9	2.5	2.5
-15°	21.5	13.7	10.8	7.2	4.8	2.5	2.5
-17.5°	21.6	13.8	10.8	7.2	4.8	2.5	2.5
-20°	22.1	13.8	10.7	7.0	4.7	2.5	2.5

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CATALOG NUMBER: GFLD-SA2C-735-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	23.6	13.9	10.6	6.9	4.6	2.5	2.5
-25°	24.7	14.8	10.4	6.8	4.5	2.5	2.5
-27.5°	25.6	16.0	10.1	6.6	4.4	2.5	2.5
-30°	26.2	17.0	9.9	6.5	4.3	2.5	2.5
-32.5°	26.6	17.8	10.2	6.3	4.2	2.5	2.5
-35°	27.3	18.5	10.5	6.1	4.1	2.5	2.5
-37.5°	28.0	18.9	10.7	5.9	4.0	2.5	2.5
-40°	28.5	19.0	10.7	5.7	3.8	2.5	2.5
-42.5°	28.7	19.0	10.8	5.6	3.7	2.5	2.5
-45°	28.5	18.9	10.9	5.6	3.5	2.5	2.5
-47.5°	28.1	18.6	10.8	5.6	3.4	2.5	2.5
-50°	27.5	18.2	10.6	5.5	3.2	2.5	2.5
-52.5°	26.8	17.6	10.3	5.4	3.0	2.5	2.5
-55°	25.8	16.9	9.8	5.3	2.9	2.5	2.5
-57.5°	24.6	16.0	9.3	5.1	2.7	2.5	2.5
-60°	23.3	14.9	8.6	4.9	2.5	2.5	2.5
-62.5°	21.4	13.6	8.1	4.6	2.5	2.5	2.5
-65°	19.3	12.2	7.6	4.3	2.5	2.5	2.5
-67.5°	16.9	10.9	7.0	4.0	2.5	2.5	2.5
-70°	14.4	9.9	6.4	3.6	2.5	2.5	2.5
-72.5°	12.7	8.9	5.7	3.5	2.5	2.5	2.5
-75°	11.1	7.7	5.0	3.5	2.5	2.5	2.5
-77.5°	9.4	6.6	4.7	3.5	2.5	2.5	2.5
-80°	7.6	5.9	4.6	3.4	2.5	2.5	2.5
-82.5°	6.9	5.5	4.4	3.3	2.5	2.5	2.5
-85°	6.3	5.2	4.2	3.3	2.5	2.5	2.5
-87.5°	5.6	4.8	4.0	3.2	2.5	2.5	2.5
-90°	2.5	2.5	2.5	2.5	2.5	2.5	2.5

(END OF REPORT)