

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



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P627140 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA3C-727-U-VWR-VSR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P627140 (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: 5/9/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3C-727-U-VWR-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR
Light Source: (48) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

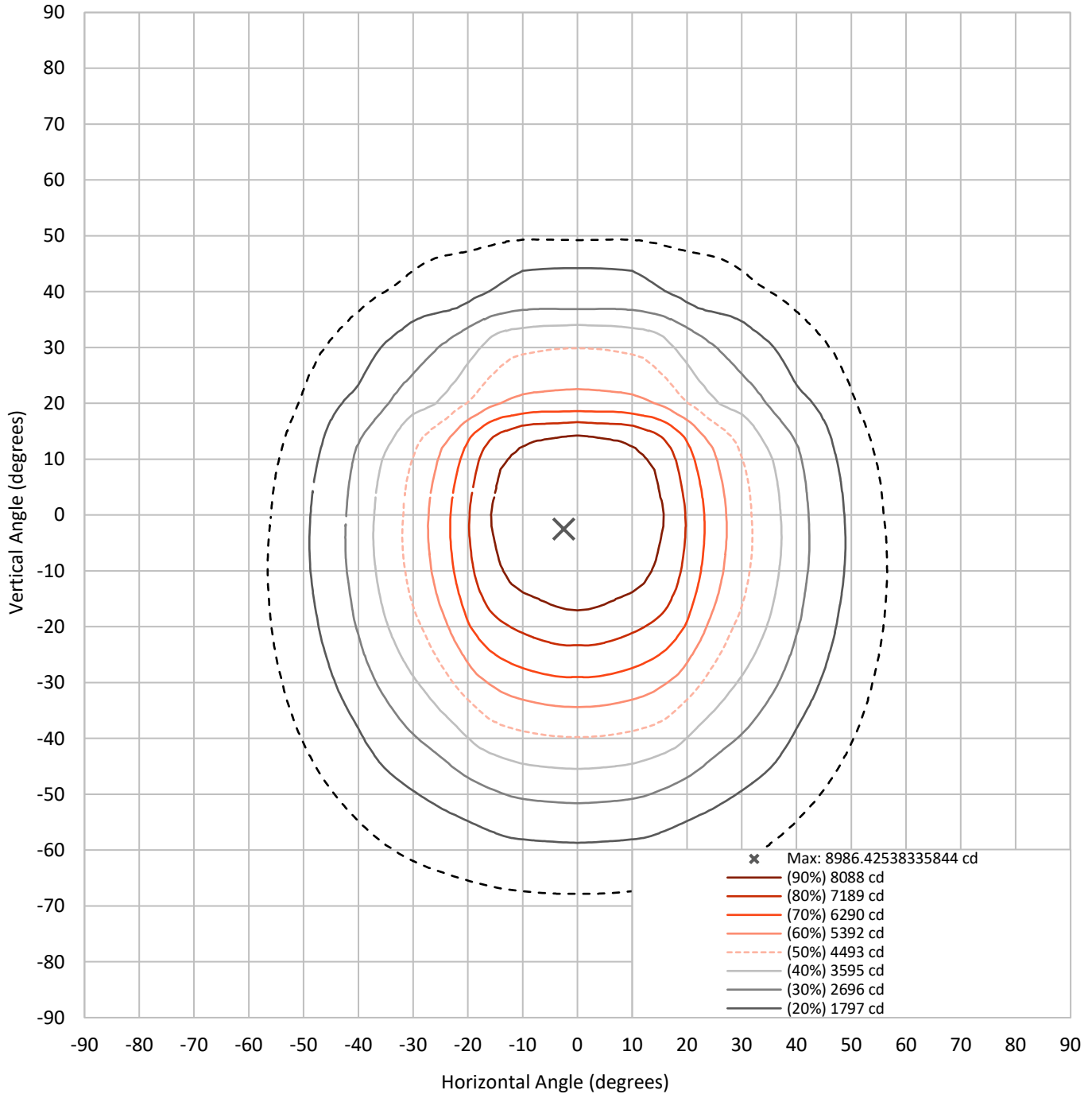
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	11992.7 lumens	Max Intensity:	8986.4 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	98.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' 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:	6938.6 lumens	Field Lumens:	11380.3 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	121.7		
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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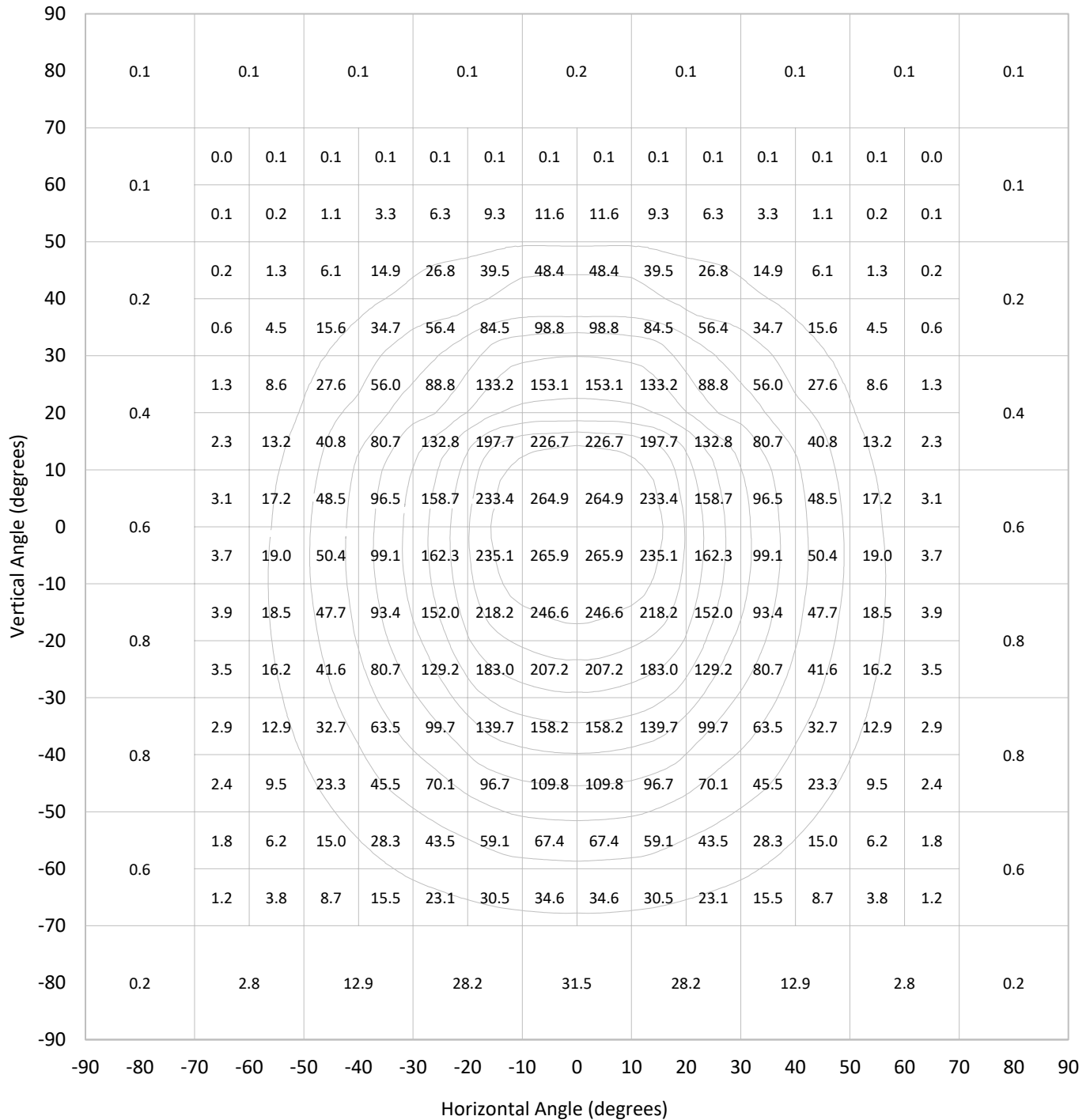
Iso-Candela Plot





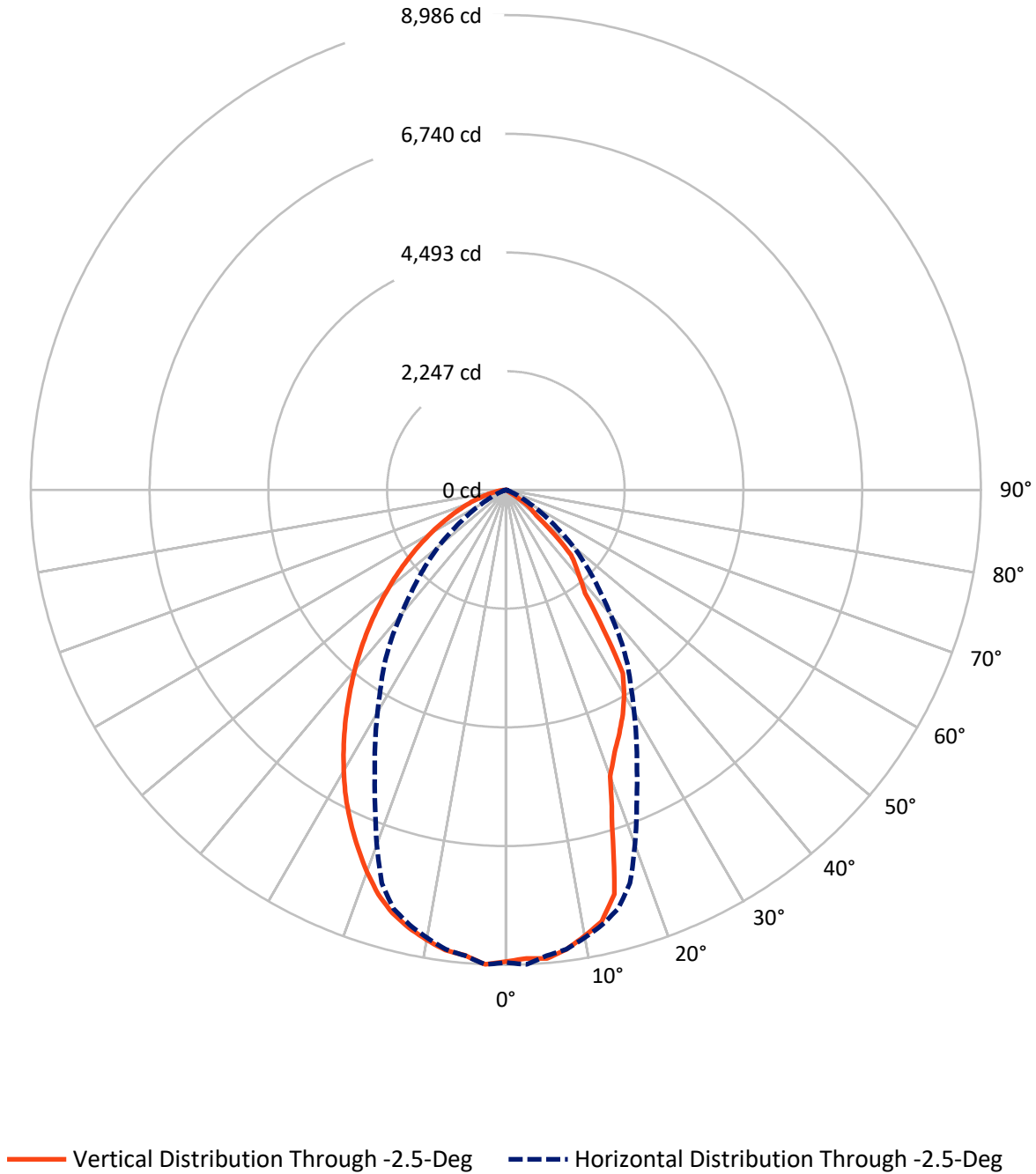
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Lumen Table



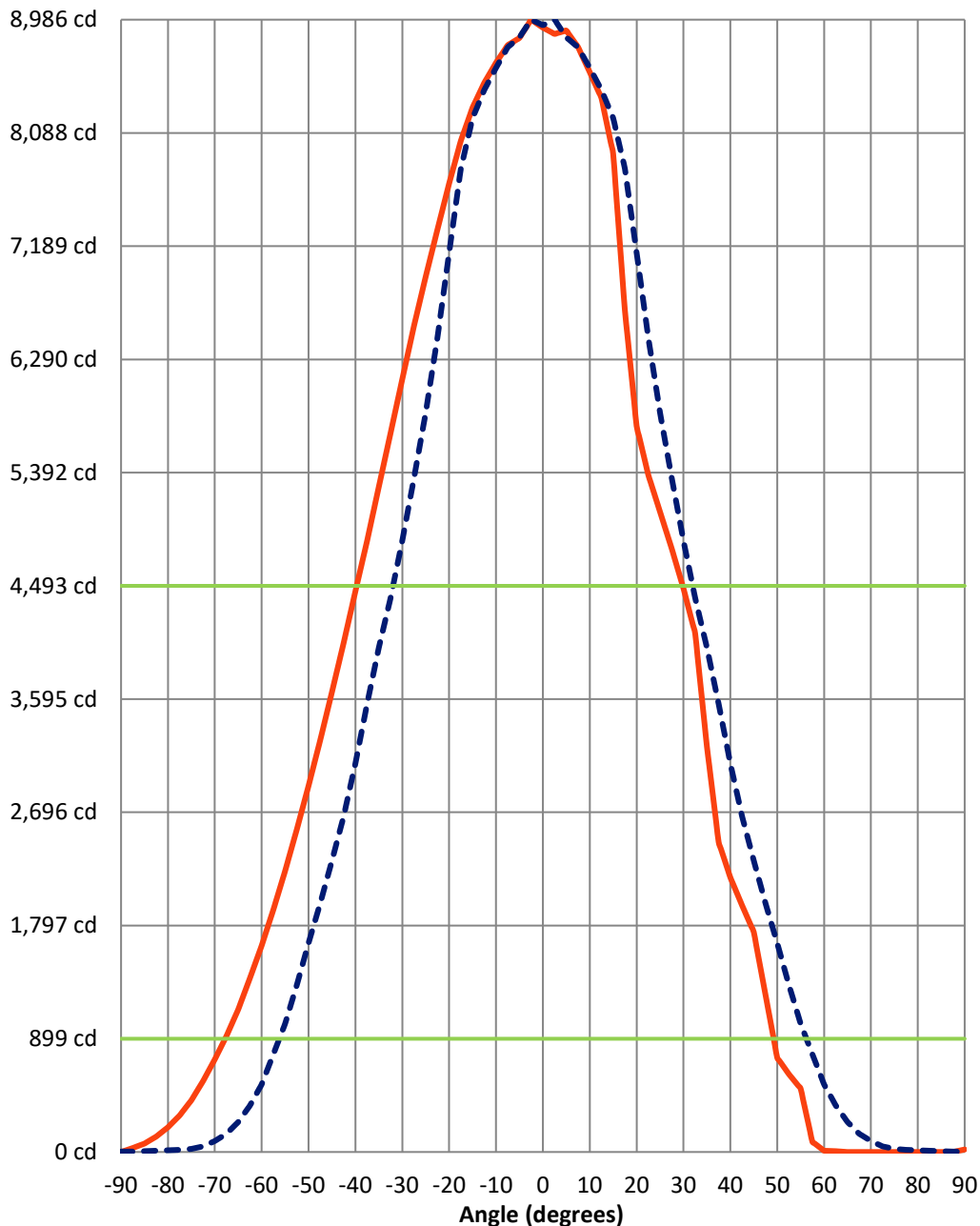
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 69.6°
 Lumens: 6938.6
 Efficiency: 57.9%

Field:
 H Angle: 112.5°
 V Angle: 117.1°
 Lumens: 11380.3
 Efficiency: 94.9%

Spill:
 Lumens: 612.4
 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°	3.4	3.4	3.4	4.2	5.1	5.9	6.7	7.6	8.4	9.3	10.1
87.5°	3.4	3.4	3.4	3.3	3.1	2.8	2.5	1.8	1.1	0.5	0.0
85°	3.4	3.4	3.4	3.2	2.8	2.3	1.7	1.0	0.5	0.2	0.0
82.5°	3.4	3.4	3.4	3.1	2.5	1.8	0.8	0.3	0.1	0.5	0.9
80°	3.4	3.4	3.4	3.0	2.3	1.3	0.2	0.7	1.2	1.8	2.3
77.5°	3.4	3.4	3.4	2.9	2.0	1.1	1.1	1.7	2.4	3.1	3.1
75°	3.4	3.4	3.4	2.8	1.9	1.7	1.9	2.7	3.4	2.8	1.8
72.5°	3.4	3.4	3.4	2.7	2.2	2.2	2.7	3.4	2.9	2.0	0.6
70°	3.4	3.4	3.4	2.7	2.4	2.7	3.4	3.2	2.5	1.3	1.6
67.5°	3.4	3.4	3.4	2.8	2.7	3.2	3.5	3.1	2.2	2.6	3.0
65°	3.4	3.4	3.4	2.9	3.0	3.5	3.6	3.1	3.4	3.9	4.2
62.5°	3.4	3.4	3.4	3.1	3.2	3.8	3.8	3.8	4.5	5.1	4.7
60°	3.4	3.4	3.4	3.1	3.4	4.1	4.0	4.8	5.7	5.9	5.3
57.5°	3.4	3.4	3.4	3.2	3.7	4.4	4.8	5.8	6.7	6.8	6.6
55°	3.4	3.4	3.5	3.3	4.0	4.7	5.6	6.8	7.7	7.8	8.2
52.5°	3.4	3.4	3.5	3.3	4.4	5.2	6.5	7.8	8.8	9.2	9.7
50°	3.4	3.4	3.6	3.4	4.8	5.8	7.3	8.7	10.0	10.7	11.3
47.5°	3.4	3.4	3.7	3.5	5.1	6.5	8.1	9.7	11.2	12.0	12.9
45°	3.4	3.4	3.8	3.8	5.5	7.2	8.9	10.6	12.4	13.5	14.5
42.5°	3.4	3.4	3.9	4.1	6.0	7.8	9.7	11.6	13.6	14.9	17.5
40°	3.4	3.4	4.0	4.5	6.4	8.4	10.4	12.7	14.9	16.3	20.9
37.5°	3.4	3.4	4.2	4.9	6.9	9.0	11.1	13.9	16.3	18.5	24.4
35°	3.4	3.4	4.3	5.4	7.4	9.6	11.8	15.1	17.8	22.7	31.0
32.5°	3.4	3.4	4.4	5.8	7.8	10.2	12.6	16.4	19.4	27.6	44.3
30°	3.4	3.4	4.6	6.2	8.3	10.7	13.6	17.7	21.0	33.3	57.1
27.5°	3.4	3.4	4.8	6.6	8.8	11.2	14.6	19.0	23.7	39.6	69.6
25°	3.4	3.4	4.9	7.0	9.3	11.7	15.6	20.3	28.6	48.8	81.9
22.5°	3.4	3.4	5.1	7.4	9.8	12.2	16.5	21.6	33.7	58.9	98.0
20°	3.4	3.4	5.3	7.7	10.3	12.8	17.5	22.9	39.0	68.4	114.0
17.5°	3.4	3.4	5.5	8.1	10.8	13.4	18.5	24.2	44.4	77.5	129.8
15°	3.4	3.4	5.7	8.4	11.2	14.0	19.4	25.9	49.8	85.9	145.1
12.5°	3.4	3.4	5.9	8.7	11.6	14.5	20.3	28.2	55.9	93.8	159.8
10°	3.4	3.4	6.0	9.1	12.0	15.0	21.1	30.7	62.3	102.9	174.5
7.5°	3.4	3.4	6.2	9.3	12.4	15.5	21.8	33.2	68.4	111.8	190.0
5°	3.4	3.4	6.4	9.6	12.8	16.0	22.4	35.7	74.1	120.0	204.2
2.5°	3.4	3.4	6.5	9.9	13.1	16.4	23.0	38.1	79.3	127.5	217.0
0°	3.4	3.4	6.7	10.1	13.4	16.8	23.5	40.3	83.9	134.2	228.1
-2.5°	3.4	3.4	6.7	10.1	13.4	16.8	23.5	40.3	83.9	134.2	228.1
-5°	3.4	3.4	6.7	10.1	13.9	17.5	26.0	48.1	89.9	154.1	246.3
-7.5°	3.4	3.4	6.6	10.0	14.2	17.7	27.0	51.4	92.0	161.7	252.7
-10°	3.4	3.4	6.6	9.9	14.3	18.0	27.9	54.1	93.5	167.2	257.4
-12.5°	3.4	3.4	6.5	9.9	14.4	18.2	28.5	56.1	94.6	170.0	261.1
-15°	3.4	3.4	6.5	9.8	14.5	18.4	28.9	57.3	96.6	169.7	262.4
-17.5°	3.4	3.4	6.4	9.6	14.5	18.5	29.1	58.5	99.4	168.0	260.8
-20°	3.4	3.4	6.3	9.5	14.4	18.6	29.8	59.7	101.3	164.9	256.0

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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°	3.4	3.4	6.2	9.3	14.2	18.7	31.7	60.3	102.2	160.5	247.8
-25°	3.4	3.4	6.1	9.1	14.0	20.0	33.3	60.1	101.9	154.8	236.2
-27.5°	3.4	3.4	6.0	8.9	13.6	21.5	34.5	59.2	100.4	150.0	227.7
-30°	3.4	3.4	5.8	8.7	13.3	22.9	35.4	57.5	98.5	147.8	218.2
-32.5°	3.4	3.4	5.7	8.5	13.8	24.0	35.8	57.6	96.1	144.1	207.5
-35°	3.4	3.4	5.5	8.2	14.1	24.9	36.8	57.9	92.8	138.9	195.5
-37.5°	3.4	3.4	5.3	8.0	14.4	25.4	37.8	57.7	88.5	132.2	190.2
-40°	3.4	3.4	5.2	7.7	14.5	25.6	38.4	57.0	83.3	125.7	184.2
-42.5°	3.4	3.4	5.0	7.5	14.6	25.6	38.6	55.7	80.3	120.5	175.1
-45°	3.4	3.4	4.8	7.6	14.6	25.4	38.4	54.5	78.1	114.1	163.6
-47.5°	3.4	3.4	4.6	7.5	14.5	25.1	37.8	53.7	75.3	106.4	154.6
-50°	3.4	3.4	4.3	7.4	14.3	24.5	37.0	52.4	73.1	103.6	143.8
-52.5°	3.4	3.4	4.1	7.3	13.8	23.7	36.0	50.5	71.2	100.0	132.2
-55°	3.4	3.4	3.9	7.1	13.2	22.7	34.7	48.2	68.9	95.4	126.7
-57.5°	3.4	3.4	3.6	6.8	12.5	21.5	33.2	46.2	65.6	90.6	120.1
-60°	3.4	3.4	3.4	6.5	11.6	20.0	31.3	43.9	61.5	85.0	112.6
-62.5°	3.4	3.4	3.4	6.2	11.0	18.3	28.8	40.9	56.4	78.3	103.8
-65°	3.4	3.4	3.4	5.8	10.3	16.4	26.0	37.1	50.3	69.5	93.9
-67.5°	3.4	3.4	3.4	5.4	9.5	14.7	22.8	32.5	43.1	59.2	80.7
-70°	3.4	3.4	3.4	4.9	8.6	13.4	19.4	27.7	36.9	47.7	65.2
-72.5°	3.4	3.4	3.4	4.8	7.7	12.0	17.2	22.7	30.5	39.6	49.9
-75°	3.4	3.4	3.4	4.7	6.7	10.4	15.0	19.1	23.7	31.1	39.7
-77.5°	3.4	3.4	3.4	4.7	6.4	8.8	12.7	16.1	19.7	23.6	29.1
-80°	3.4	3.4	3.4	4.6	6.1	8.0	10.3	13.0	15.9	19.0	22.4
-82.5°	3.4	3.4	3.4	4.5	5.9	7.5	9.3	10.5	12.0	14.3	16.9
-85°	3.4	3.4	3.4	4.4	5.6	7.0	8.4	9.6	10.7	11.8	12.9
-87.5°	3.4	3.4	3.4	4.3	5.3	6.4	7.6	8.6	9.5	10.5	11.5
-90°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	2.5	1.7	0.8	0.0



REPORT NUMBER: P627140 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-727-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°	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.9	11.8	12.6
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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.0	0.9	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	2.2	1.8	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	1.9	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.7	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.6	1.0	0.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1.9	2.1	1.4	0.6	0.0	0.2	0.5	0.4	0.0	0.2	0.4
67.5°	3.2	2.4	1.5	1.0	1.3	1.7	1.6	1.7	1.8	2.0	1.7
65°	3.3	2.5	2.5	2.9	3.3	3.6	3.9	4.2	3.5	3.1	3.1
62.5°	3.5	3.8	4.4	4.9	5.4	5.8	5.9	5.3	4.0	5.0	5.7
60°	5.0	5.5	6.2	6.9	7.5	7.9	7.6	7.6	8.5	9.9	18.9
57.5°	6.7	7.2	8.0	9.1	10.0	10.2	10.5	11.4	26.6	43.4	47.9
55°	8.5	8.9	10.3	11.9	12.9	12.8	18.4	38.8	58.5	81.1	89.4
52.5°	10.2	11.0	13.4	15.4	16.6	25.9	46.6	74.3	103.4	129.3	162.8
50°	12.0	14.4	16.9	19.8	31.5	55.7	86.1	123.8	167.8	209.1	251.5
47.5°	15.0	18.0	21.8	31.2	62.2	95.8	137.7	198.5	252.7	302.8	360.9
45°	18.5	24.8	29.0	61.8	97.8	141.1	212.1	286.5	335.6	402.7	505.5
42.5°	22.1	34.3	55.4	93.3	137.3	207.0	295.2	358.4	423.9	532.6	640.7
40°	31.8	46.0	83.6	128.7	184.4	286.1	376.6	448.2	537.6	658.1	771.0
37.5°	43.6	70.2	112.4	166.5	258.3	369.8	466.7	569.0	671.8	785.3	994.8
35°	56.7	92.7	148.8	221.8	332.2	462.6	578.1	692.5	810.8	1034.5	1242.4
32.5°	73.7	113.5	186.9	286.1	412.2	555.3	689.3	821.5	1011.4	1264.6	1473.1
30°	92.1	146.7	230.7	345.7	487.5	640.2	801.2	961.4	1212.7	1422.2	1648.6
27.5°	111.3	181.8	282.1	407.9	557.9	720.2	902.1	1130.5	1354.7	1561.7	1810.4
25°	131.0	218.4	329.1	467.4	627.2	806.8	1016.0	1294.2	1469.6	1698.3	1957.8
22.5°	156.3	253.4	375.7	521.3	691.5	895.8	1162.5	1441.9	1648.3	1840.6	2094.2
20°	185.6	292.9	426.3	588.9	754.4	982.7	1308.2	1602.1	1844.8	2065.1	2297.9
17.5°	213.0	329.7	480.5	657.9	846.0	1094.0	1451.2	1776.5	2043.5	2289.0	2579.7
15°	238.3	363.8	533.6	723.1	936.1	1221.6	1579.4	1936.6	2241.6	2517.7	2848.1
12.5°	261.4	395.0	584.7	784.2	1020.9	1331.5	1687.0	2035.7	2370.9	2730.8	3105.7
10°	282.3	423.0	632.9	840.6	1099.5	1424.5	1776.0	2118.3	2456.5	2837.4	3253.9
7.5°	304.7	449.2	676.7	891.9	1171.0	1501.4	1847.0	2184.6	2525.7	2922.6	3350.3
5°	325.4	473.2	711.5	928.6	1226.2	1561.3	1900.5	2235.0	2578.3	2986.1	3423.2
2.5°	343.5	493.5	739.9	957.4	1267.2	1605.4	1935.2	2277.0	2617.2	3037.8	3478.9
0°	358.9	509.9	761.5	979.5	1298.2	1637.0	1955.7	2304.6	2640.0	3072.8	3515.6
-2.5°	368.8	536.8	776.3	1018.1	1325.3	1657.7	1974.0	2312.3	2664.6	3083.9	3556.7
-5°	375.7	558.6	785.3	1047.9	1343.0	1666.8	1980.0	2306.4	2671.1	3081.1	3562.8
-7.5°	379.7	574.0	789.5	1064.8	1349.2	1661.4	1969.8	2295.0	2660.4	3070.5	3536.1
-10°	382.1	578.8	795.2	1059.6	1341.0	1643.4	1947.1	2268.3	2630.0	3036.2	3485.5
-12.5°	388.4	575.8	794.2	1048.4	1323.4	1616.2	1913.5	2226.1	2579.3	2977.7	3415.5
-15°	390.0	568.8	784.7	1031.8	1296.4	1580.7	1869.4	2168.2	2516.7	2920.7	3338.2
-17.5°	386.5	558.4	766.1	1010.6	1260.3	1537.6	1817.5	2116.1	2458.1	2854.9	3256.9
-20°	377.5	544.9	738.0	985.6	1217.4	1489.7	1765.6	2061.5	2390.7	2763.7	3166.0



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 CATALOG NUMBER: GFLD-SA3C-727-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°	362.8	528.6	707.7	950.7	1180.4	1434.7	1704.7	1987.0	2306.2	2645.4	3043.7
-25°	347.6	510.1	683.7	902.7	1135.9	1370.6	1634.8	1896.0	2206.9	2540.0	2893.6
-27.5°	333.2	484.3	658.9	850.1	1083.5	1302.0	1555.7	1810.5	2095.3	2421.8	2747.3
-30°	314.4	456.4	628.5	799.6	1020.8	1237.5	1467.4	1718.2	1974.3	2284.2	2604.4
-32.5°	297.7	427.5	593.9	761.0	953.4	1164.8	1372.3	1611.3	1861.3	2125.4	2441.9
-35°	286.6	410.3	557.2	716.6	884.7	1085.7	1283.1	1490.8	1732.8	1980.7	2258.6
-37.5°	277.6	390.7	518.6	670.2	830.2	1002.7	1187.5	1378.6	1589.9	1839.7	2101.0
-40°	263.5	368.5	490.1	626.0	767.2	924.0	1095.6	1268.5	1451.7	1695.8	1953.6
-42.5°	245.3	347.1	463.1	577.9	706.9	850.1	1002.6	1165.4	1341.5	1553.6	1790.5
-45°	231.4	319.7	433.2	536.0	642.8	773.8	916.9	1064.4	1230.5	1412.5	1625.4
-47.5°	213.6	289.8	394.1	490.1	584.2	696.0	826.9	966.6	1113.6	1277.7	1452.1
-50°	194.6	265.0	346.1	439.7	529.4	622.4	734.0	863.2	996.6	1139.6	1295.2
-52.5°	180.2	235.9	310.0	387.8	473.4	557.7	652.7	763.5	882.6	1002.1	1139.0
-55°	164.0	214.4	275.5	345.3	418.1	496.1	582.7	679.7	776.9	886.6	995.8
-57.5°	152.5	193.8	246.8	307.4	372.8	439.1	520.8	602.8	692.7	783.6	874.2
-60°	143.5	176.0	219.9	273.3	331.6	393.6	460.7	536.4	613.8	687.9	766.3
-62.5°	133.2	161.5	195.8	239.4	292.1	346.0	405.1	470.0	540.0	602.5	663.2
-65°	120.0	144.5	174.0	209.5	250.8	296.4	346.7	401.4	462.0	512.7	562.3
-67.5°	104.7	125.4	150.2	179.1	213.6	249.2	286.1	332.4	381.5	422.8	463.3
-70°	85.6	104.8	125.0	148.6	175.6	205.8	238.3	271.8	305.5	339.2	376.2
-72.5°	65.6	83.0	100.1	117.0	138.5	163.2	189.7	217.9	247.2	276.1	304.2
-75°	50.0	61.3	76.3	91.4	106.4	122.5	140.4	162.8	190.1	218.1	243.8
-77.5°	37.7	47.2	57.2	67.6	77.1	89.0	101.9	115.8	138.3	164.2	190.3
-80°	27.2	32.9	40.9	49.3	55.9	62.4	69.2	76.3	93.1	113.9	136.1
-82.5°	20.2	24.1	28.5	33.4	36.8	40.0	43.6	48.3	60.7	74.8	89.6
-85°	13.9	15.1	17.5	20.2	22.1	23.9	25.9	27.9	34.6	42.1	50.1
-87.5°	12.0	12.6	13.2	13.9	14.2	14.4	14.6	14.8	17.1	19.4	21.9
-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: P627140 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	13.4	14.3	15.1	16.0	16.8	17.6	18.5	19.3	20.1	20.1	20.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	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°	0.3	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1.6	1.7	1.8	1.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0
65°	3.6	3.4	2.5	1.7	0.8	1.3	2.0	2.4	2.5	2.2	1.7
62.5°	5.4	4.9	4.4	5.1	6.1	7.1	6.8	6.4	6.0	5.7	5.9
60°	19.8	13.2	15.3	19.2	18.0	12.3	20.2	22.9	19.5	13.3	12.9
57.5°	50.3	48.5	55.6	81.2	89.4	81.5	97.3	118.2	117.5	101.2	100.7
55°	107.1	143.7	187.9	195.1	225.8	287.4	335.4	314.4	314.3	330.1	381.0
52.5°	203.5	238.0	250.9	285.2	349.5	396.1	426.1	457.1	491.1	525.8	561.0
50°	298.6	332.2	370.2	405.4	494.4	542.2	534.3	598.5	680.8	732.1	758.5
47.5°	438.0	490.9	571.3	697.4	763.8	811.9	871.6	944.4	1038.6	1166.4	1264.9
45°	602.2	685.3	809.8	943.8	1046.8	1093.8	1162.1	1274.8	1425.1	1571.3	1678.2
42.5°	736.3	850.4	990.9	1118.8	1202.9	1280.0	1368.4	1463.5	1635.6	1791.9	1915.4
40°	911.4	1000.3	1157.8	1278.5	1353.7	1430.2	1570.3	1712.6	1874.5	2020.0	2121.2
37.5°	1133.3	1233.3	1397.2	1533.7	1606.1	1633.1	1871.4	2069.5	2201.1	2386.9	2447.7
35°	1371.7	1536.2	1745.1	1922.0	1993.0	2134.8	2380.4	2656.8	2956.3	3066.4	3160.2
32.5°	1637.6	1840.6	2124.0	2313.9	2415.3	2630.4	2941.2	3236.2	3627.8	3840.3	3903.8
30°	1880.9	2113.9	2357.5	2542.1	2715.3	2974.4	3257.8	3621.6	3983.7	4255.4	4339.8
27.5°	2059.5	2317.3	2551.4	2724.3	2919.8	3199.1	3552.5	3920.9	4276.3	4553.5	4652.0
25°	2229.9	2521.3	2706.7	2907.6	3137.2	3441.7	3833.3	4242.6	4592.7	4827.0	4947.8
22.5°	2423.8	2711.0	2910.1	3080.3	3380.5	3731.4	4094.9	4557.3	4928.2	5115.2	5246.1
20°	2623.8	2948.9	3256.4	3414.7	3674.5	4118.7	4525.6	4962.2	5320.3	5515.1	5653.1
17.5°	2903.0	3317.2	3694.4	3918.6	4196.8	4727.9	5235.6	5677.3	6175.5	6351.5	6520.1
15°	3197.4	3676.8	4118.6	4473.8	4833.1	5359.4	6012.9	6545.9	7114.4	7368.3	7655.4
12.5°	3490.9	3944.5	4344.8	4802.9	5309.4	5774.9	6397.2	7060.8	7576.7	7900.6	8093.8
10°	3710.2	4131.6	4516.7	4976.0	5481.5	6008.0	6626.4	7306.8	7846.8	8123.1	8280.8
7.5°	3828.6	4231.9	4638.1	5103.6	5606.8	6167.6	6804.7	7479.7	8031.9	8299.6	8455.3
5°	3916.6	4303.8	4724.5	5214.5	5723.3	6291.9	6928.1	7595.1	8098.6	8383.1	8580.0
2.5°	3969.8	4349.5	4779.6	5286.1	5796.2	6388.4	7055.4	7746.8	8187.3	8416.1	8597.3
0°	3985.2	4367.6	4810.4	5323.7	5847.0	6444.1	7105.0	7789.3	8235.5	8456.9	8641.4
-2.5°	4002.6	4396.3	4851.2	5348.1	5866.9	6462.3	7136.9	7803.7	8205.1	8428.5	8604.0
-5°	3990.5	4398.5	4852.1	5327.9	5850.2	6440.8	7088.4	7712.0	8131.8	8373.3	8547.8
-7.5°	3954.4	4368.2	4817.1	5274.4	5786.8	6384.1	7028.9	7629.3	8054.6	8309.3	8500.3
-10°	3901.8	4303.6	4755.6	5218.7	5724.9	6293.5	6928.5	7525.3	7932.3	8202.8	8425.4
-12.5°	3843.6	4237.1	4672.7	5116.9	5617.5	6179.2	6794.3	7359.3	7763.9	8058.9	8217.9
-15°	3757.3	4150.6	4567.1	4996.7	5484.7	6029.5	6617.2	7159.2	7556.5	7796.5	7972.3
-17.5°	3647.5	4033.4	4428.2	4835.8	5295.5	5832.0	6423.3	6957.9	7281.8	7496.1	7668.9
-20°	3530.0	3886.7	4260.8	4645.4	5091.0	5622.5	6203.2	6669.5	6974.7	7180.7	7343.8



REPORT NUMBER: P627140 (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°	3395.7	3739.3	4081.7	4449.3	4886.2	5373.5	5886.4	6337.0	6665.3	6852.8	7003.6
-25°	3242.4	3576.6	3901.8	4256.9	4658.4	5096.4	5573.3	6016.1	6310.1	6509.4	6658.8
-27.5°	3077.3	3391.3	3708.9	4027.8	4388.8	4825.3	5266.9	5678.2	5929.2	6130.0	6280.4
-30°	2912.5	3195.0	3488.9	3790.7	4129.5	4523.0	4936.2	5282.1	5546.7	5741.9	5881.5
-32.5°	2734.0	3002.0	3262.3	3544.4	3863.5	4210.3	4572.8	4901.9	5184.7	5363.4	5481.0
-35°	2551.1	2810.6	3048.8	3304.9	3586.3	3885.6	4220.2	4544.7	4824.0	4965.4	5080.1
-37.5°	2360.5	2619.3	2845.2	3059.1	3301.5	3578.7	3904.6	4214.2	4455.5	4577.1	4680.5
-40°	2194.9	2422.6	2626.1	2830.8	3027.8	3273.9	3578.1	3877.9	4071.4	4189.9	4286.0
-42.5°	2034.1	2226.2	2392.8	2576.3	2773.5	3016.2	3261.6	3512.9	3668.5	3800.0	3901.2
-45°	1846.8	2018.6	2174.7	2327.3	2507.2	2728.7	2951.7	3153.0	3298.7	3425.9	3524.3
-47.5°	1639.7	1805.5	1957.1	2093.5	2260.7	2445.5	2633.2	2800.8	2944.7	3070.3	3158.2
-50°	1446.6	1594.8	1742.8	1880.9	2025.7	2175.2	2327.5	2474.5	2611.1	2733.2	2808.0
-52.5°	1273.7	1410.4	1539.8	1660.5	1787.3	1913.5	2039.7	2174.3	2300.0	2415.5	2475.2
-55°	1117.2	1240.4	1357.2	1458.9	1560.6	1660.8	1768.9	1893.2	2009.0	2115.9	2158.8
-57.5°	976.7	1082.2	1185.5	1271.5	1354.5	1434.2	1529.1	1634.1	1735.4	1827.1	1862.2
-60°	847.5	931.2	1017.6	1094.0	1166.3	1234.6	1317.4	1401.9	1484.1	1553.2	1583.1
-62.5°	728.7	800.3	865.8	927.8	989.1	1050.6	1117.4	1184.4	1250.8	1304.0	1331.0
-65°	614.1	671.1	723.7	774.7	824.2	875.9	928.2	979.1	1028.2	1066.3	1089.6
-67.5°	506.5	549.9	591.6	631.3	672.7	714.6	755.5	794.6	831.5	860.9	883.2
-70°	411.2	444.7	477.4	510.3	544.9	577.4	608.2	637.4	664.9	686.1	703.3
-72.5°	331.4	358.6	386.9	416.5	444.5	468.8	490.9	512.3	532.7	544.7	553.6
-75°	267.2	290.1	314.6	338.6	362.0	380.5	396.7	412.5	427.6	428.4	425.4
-77.5°	215.9	236.3	255.3	274.1	292.8	304.2	314.1	324.4	334.7	328.7	319.3
-80°	158.4	175.5	191.6	207.8	224.0	230.8	235.5	239.5	243.0	235.1	225.5
-82.5°	105.2	115.9	126.4	137.1	147.9	152.2	155.4	158.0	160.1	153.1	144.9
-85°	58.7	63.8	68.9	74.0	79.2	82.2	84.9	87.5	89.8	85.5	80.8
-87.5°	24.4	25.5	26.7	27.8	28.9	30.0	31.0	32.0	33.0	33.2	33.3
-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: P627140 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-727-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°	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	19.3
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°	1.0	0.2	0.0	0.0	0.0	0.2	1.0	1.7	2.2	2.5	2.4
62.5°	6.1	6.4	6.6	6.7	6.6	6.4	6.1	5.9	5.7	6.0	6.4
60°	11.9	10.4	10.1	10.1	10.1	10.4	11.9	12.9	13.3	19.5	22.9
57.5°	93.0	79.6	81.6	90.6	81.6	79.6	93.0	100.7	101.2	117.5	118.2
55°	434.6	485.2	503.0	493.1	503.0	485.2	434.6	381.0	330.1	314.3	314.4
52.5°	588.8	609.5	617.5	617.2	617.5	609.5	588.8	561.0	525.8	491.1	457.1
50°	766.5	759.5	748.7	738.0	748.7	759.5	766.5	758.5	732.1	680.8	598.5
47.5°	1279.3	1257.1	1247.7	1264.7	1247.7	1257.1	1279.3	1264.9	1166.4	1038.6	944.4
45°	1699.9	1725.9	1745.3	1744.4	1745.3	1725.9	1699.9	1678.2	1571.3	1425.1	1274.8
42.5°	1939.6	1953.4	1957.4	1952.4	1957.4	1953.4	1939.6	1915.4	1791.9	1635.6	1463.5
40°	2153.0	2169.5	2178.8	2187.2	2178.8	2169.5	2153.0	2121.2	2020.0	1874.5	1712.6
37.5°	2467.7	2473.8	2460.6	2452.2	2460.6	2473.8	2467.7	2447.7	2386.9	2201.1	2069.5
35°	3239.4	3255.2	3218.6	3257.3	3218.6	3255.2	3239.4	3160.2	3066.4	2956.3	2656.8
32.5°	3979.4	4053.5	4113.5	4163.0	4113.5	4053.5	3979.4	3903.8	3840.3	3627.8	3236.2
30°	4398.7	4446.5	4472.2	4478.3	4472.2	4446.5	4398.7	4339.8	4255.4	3983.7	3621.6
27.5°	4706.5	4756.6	4787.8	4810.4	4787.8	4756.6	4706.5	4652.0	4553.5	4276.3	3920.9
25°	5003.1	5048.9	5080.1	5092.2	5080.1	5048.9	5003.1	4947.8	4827.0	4592.7	4242.6
22.5°	5310.9	5342.8	5372.7	5387.4	5372.7	5342.8	5310.9	5246.1	5115.2	4928.2	4557.3
20°	5752.2	5734.9	5762.2	5753.1	5762.2	5734.9	5752.2	5653.1	5515.1	5320.3	4962.2
17.5°	6651.6	6660.9	6679.1	6709.1	6679.1	6660.9	6651.6	6520.1	6351.5	6175.5	5677.3
15°	7782.5	7805.3	7920.9	8024.1	7920.9	7805.3	7782.5	7655.4	7368.3	7114.4	6545.9
12.5°	8273.1	8351.8	8364.0	8393.1	8364.0	8351.8	8273.1	8093.8	7900.6	7576.7	7060.8
10°	8436.8	8573.1	8570.2	8604.5	8570.2	8573.1	8436.8	8280.8	8123.1	7846.8	7306.8
7.5°	8561.0	8707.4	8769.3	8795.7	8769.3	8707.4	8561.0	8455.3	8299.6	8031.9	7479.7
5°	8712.7	8793.2	8900.0	8869.5	8900.0	8793.2	8712.7	8580.0	8383.1	8098.6	7595.1
2.5°	8776.2	8902.4	8873.3	8903.0	8873.3	8902.4	8776.2	8597.3	8416.1	8187.3	7746.8
0°	8819.1	8909.7	8923.1	8953.3	8923.1	8909.7	8819.1	8641.4	8456.9	8235.5	7789.3
-2.5°	8767.1	8846.8	8986.4	8943.3	8986.4	8846.8	8767.1	8604.0	8428.5	8205.1	7803.7
-5°	8721.5	8917.7	8841.5	8936.6	8841.5	8917.7	8721.5	8547.8	8373.3	8131.8	7712.0
-7.5°	8698.0	8733.0	8783.6	8856.0	8783.6	8733.0	8698.0	8500.3	8309.3	8054.6	7629.3
-10°	8515.9	8551.8	8644.7	8695.0	8644.7	8551.8	8515.9	8425.4	8202.8	7932.3	7525.3
-12.5°	8318.4	8387.9	8485.5	8517.2	8485.5	8387.9	8318.4	8217.9	8058.9	7763.9	7359.3
-15°	8090.9	8194.1	8289.3	8309.3	8289.3	8194.1	8090.9	7972.3	7796.5	7556.5	7159.2
-17.5°	7801.7	7925.4	8025.4	8047.6	8025.4	7925.4	7801.7	7668.9	7496.1	7281.8	6957.9
-20°	7483.0	7601.5	7686.5	7712.1	7686.5	7601.5	7483.0	7343.8	7180.7	6974.7	6669.5



REPORT NUMBER: P627140 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-727-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°	7141.7	7248.5	7320.3	7309.6	7320.3	7248.5	7141.7	7003.6	6852.8	6665.3	6337.0
-25°	6779.4	6878.5	6947.0	6937.2	6947.0	6878.5	6779.4	6658.8	6509.4	6310.1	6016.1
-27.5°	6396.5	6490.3	6556.0	6558.2	6556.0	6490.3	6396.5	6280.4	6130.0	5929.2	5678.2
-30°	5994.0	6079.2	6132.6	6112.0	6132.6	6079.2	5994.0	5881.5	5741.9	5546.7	5282.1
-32.5°	5578.9	5656.0	5704.9	5719.5	5704.9	5656.0	5578.9	5481.0	5363.4	5184.7	4901.9
-35°	5169.4	5237.4	5279.7	5290.1	5279.7	5237.4	5169.4	5080.1	4965.4	4824.0	4544.7
-37.5°	4762.7	4821.2	4850.7	4837.3	4850.7	4821.2	4762.7	4680.5	4577.1	4455.5	4214.2
-40°	4360.7	4416.3	4450.2	4458.2	4450.2	4416.3	4360.7	4286.0	4189.9	4071.4	3877.9
-42.5°	3965.4	4011.7	4041.4	4055.7	4041.4	4011.7	3965.4	3901.2	3800.0	3668.5	3512.9
-45°	3581.8	3623.2	3651.1	3666.5	3651.1	3623.2	3581.8	3524.3	3425.9	3298.7	3153.0
-47.5°	3208.6	3244.9	3269.0	3280.8	3269.0	3244.9	3208.6	3158.2	3070.3	2944.7	2800.8
-50°	2851.7	2883.2	2905.6	2918.5	2905.6	2883.2	2851.7	2808.0	2733.2	2611.1	2474.5
-52.5°	2513.3	2540.7	2559.8	2569.6	2559.8	2540.7	2513.3	2475.2	2415.5	2300.0	2174.3
-55°	2190.1	2212.4	2230.0	2240.8	2230.0	2212.4	2190.1	2158.8	2115.9	2009.0	1893.2
-57.5°	1888.7	1906.9	1923.7	1935.6	1923.7	1906.9	1888.7	1862.2	1827.1	1735.4	1634.1
-60°	1606.6	1623.7	1638.0	1647.1	1638.0	1623.7	1606.6	1583.1	1553.2	1484.1	1401.9
-62.5°	1352.0	1367.2	1380.3	1388.8	1380.3	1367.2	1352.0	1331.0	1304.0	1250.8	1184.4
-65°	1108.0	1121.6	1131.4	1137.2	1131.4	1121.6	1108.0	1089.6	1066.3	1028.2	979.1
-67.5°	902.3	918.0	921.1	919.2	921.1	918.0	902.3	883.2	860.9	831.5	794.6
-70°	718.7	731.9	735.0	734.6	735.0	731.9	718.7	703.3	686.1	664.9	637.4
-72.5°	561.9	569.1	563.0	553.5	563.0	569.1	561.9	553.6	544.7	532.7	512.3
-75°	421.6	417.0	410.5	402.5	410.5	417.0	421.6	425.4	428.4	427.6	412.5
-77.5°	308.8	297.4	289.9	281.8	289.9	297.4	308.8	319.3	328.7	334.7	324.4
-80°	215.0	203.8	196.1	187.9	196.1	203.8	215.0	225.5	235.1	243.0	239.5
-82.5°	136.2	127.0	122.3	117.4	122.3	127.0	136.2	144.9	153.1	160.1	158.0
-85°	75.6	70.2	67.0	63.7	67.0	70.2	75.6	80.8	85.5	89.8	87.5
-87.5°	33.4	33.4	31.8	30.2	31.8	33.4	33.4	33.3	33.2	33.0	32.0
-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: P627140 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	18.5	17.6	16.8	16.0	15.1	14.3	13.4	12.6	11.8	10.9	10.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	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	0.3	0.4	0.2	0.0	0.4
67.5°	0.0	0.0	0.6	1.4	1.8	1.7	1.6	1.7	2.0	1.8	1.7
65°	2.0	1.3	0.8	1.7	2.5	3.4	3.6	3.1	3.1	3.5	4.2
62.5°	6.8	7.1	6.1	5.1	4.4	4.9	5.4	5.7	5.0	4.0	5.3
60°	20.2	12.3	18.0	19.2	15.3	13.2	19.8	18.9	9.9	8.5	7.6
57.5°	97.3	81.5	89.4	81.2	55.6	48.5	50.3	47.9	43.4	26.6	11.4
55°	335.4	287.4	225.8	195.1	187.9	143.7	107.1	89.4	81.1	58.5	38.8
52.5°	426.1	396.1	349.5	285.2	250.9	238.0	203.5	162.8	129.3	103.4	74.3
50°	534.3	542.2	494.4	405.4	370.2	332.2	298.6	251.5	209.1	167.8	123.8
47.5°	871.6	811.9	763.8	697.4	571.3	490.9	438.0	360.9	302.8	252.7	198.5
45°	1162.1	1093.8	1046.8	943.8	809.8	685.3	602.2	505.5	402.7	335.6	286.5
42.5°	1368.4	1280.0	1202.9	1118.8	990.9	850.4	736.3	640.7	532.6	423.9	358.4
40°	1570.3	1430.2	1353.7	1278.5	1157.8	1000.3	911.4	771.0	658.1	537.6	448.2
37.5°	1871.4	1633.1	1606.1	1533.7	1397.2	1233.3	1133.3	994.8	785.3	671.8	569.0
35°	2380.4	2134.8	1993.0	1922.0	1745.1	1536.2	1371.7	1242.4	1034.5	810.8	692.5
32.5°	2941.2	2630.4	2415.3	2313.9	2124.0	1840.6	1637.6	1473.1	1264.6	1011.4	821.5
30°	3257.8	2974.4	2715.3	2542.1	2357.5	2113.9	1880.9	1648.6	1422.2	1212.7	961.4
27.5°	3552.5	3199.1	2919.8	2724.3	2551.4	2317.3	2059.5	1810.4	1561.7	1354.7	1130.5
25°	3833.3	3441.7	3137.2	2907.6	2706.7	2521.3	2229.9	1957.8	1698.3	1469.6	1294.2
22.5°	4094.9	3731.4	3380.5	3080.3	2910.1	2711.0	2423.8	2094.2	1840.6	1648.3	1441.9
20°	4525.6	4118.7	3674.5	3414.7	3256.4	2948.9	2623.8	2297.9	2065.1	1844.8	1602.1
17.5°	5235.6	4727.9	4196.8	3918.6	3694.4	3317.2	2903.0	2579.7	2289.0	2043.5	1776.5
15°	6012.9	5359.4	4833.1	4473.8	4118.6	3676.8	3197.4	2848.1	2517.7	2241.6	1936.6
12.5°	6397.2	5774.9	5309.4	4802.9	4344.8	3944.5	3490.9	3105.7	2730.8	2370.9	2035.7
10°	6626.4	6008.0	5481.5	4976.0	4516.7	4131.6	3710.2	3253.9	2837.4	2456.5	2118.3
7.5°	6804.7	6167.6	5606.8	5103.6	4638.1	4231.9	3828.6	3350.3	2922.6	2525.7	2184.6
5°	6928.1	6291.9	5723.3	5214.5	4724.5	4303.8	3916.6	3423.2	2986.1	2578.3	2235.0
2.5°	7055.4	6388.4	5796.2	5286.1	4779.6	4349.5	3969.8	3478.9	3037.8	2617.2	2277.0
0°	7105.0	6444.1	5847.0	5323.7	4810.4	4367.6	3985.2	3515.6	3072.8	2640.0	2304.6
-2.5°	7136.9	6462.3	5866.9	5348.1	4851.2	4396.3	4002.6	3556.7	3083.9	2664.6	2312.3
-5°	7088.4	6440.8	5850.2	5327.9	4852.1	4398.5	3990.5	3562.8	3081.1	2671.1	2306.4
-7.5°	7028.9	6384.1	5786.8	5274.4	4817.1	4368.2	3954.4	3536.1	3070.5	2660.4	2295.0
-10°	6928.5	6293.5	5724.9	5218.7	4755.6	4303.6	3901.8	3485.5	3036.2	2630.0	2268.3
-12.5°	6794.3	6179.2	5617.5	5116.9	4672.7	4237.1	3843.6	3415.5	2977.7	2579.3	2226.1
-15°	6617.2	6029.5	5484.7	4996.7	4567.1	4150.6	3757.3	3338.2	2920.7	2516.7	2168.2
-17.5°	6423.3	5832.0	5295.5	4835.8	4428.2	4033.4	3647.5	3256.9	2854.9	2458.1	2116.1
-20°	6203.2	5622.5	5091.0	4645.4	4260.8	3886.7	3530.0	3166.0	2763.7	2390.7	2061.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627140 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3C-727-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°	5886.4	5373.5	4886.2	4449.3	4081.7	3739.3	3395.7	3043.7	2645.4	2306.2	1987.0
-25°	5573.3	5096.4	4658.4	4256.9	3901.8	3576.6	3242.4	2893.6	2540.0	2206.9	1896.0
-27.5°	5266.9	4825.3	4388.8	4027.8	3708.9	3391.3	3077.3	2747.3	2421.8	2095.3	1810.5
-30°	4936.2	4523.0	4129.5	3790.7	3488.9	3195.0	2912.5	2604.4	2284.2	1974.3	1718.2
-32.5°	4572.8	4210.3	3863.5	3544.4	3262.3	3002.0	2734.0	2441.9	2125.4	1861.3	1611.3
-35°	4220.2	3885.6	3586.3	3304.9	3048.8	2810.6	2551.1	2258.6	1980.7	1732.8	1490.8
-37.5°	3904.6	3578.7	3301.5	3059.1	2845.2	2619.3	2360.5	2101.0	1839.7	1589.9	1378.6
-40°	3578.1	3273.9	3027.8	2830.8	2626.1	2422.6	2194.9	1953.6	1695.8	1451.7	1268.5
-42.5°	3261.6	3016.2	2773.5	2576.3	2392.8	2226.2	2034.1	1790.5	1553.6	1341.5	1165.4
-45°	2951.7	2728.7	2507.2	2327.3	2174.7	2018.6	1846.8	1625.4	1412.5	1230.5	1064.4
-47.5°	2633.2	2445.5	2260.7	2093.5	1957.1	1805.5	1639.7	1452.1	1277.7	1113.6	966.6
-50°	2327.5	2175.2	2025.7	1880.9	1742.8	1594.8	1446.6	1295.2	1139.6	996.6	863.2
-52.5°	2039.7	1913.5	1787.3	1660.5	1539.8	1410.4	1273.7	1139.0	1002.1	882.6	763.5
-55°	1768.9	1660.8	1560.6	1458.9	1357.2	1240.4	1117.2	995.8	886.6	776.9	679.7
-57.5°	1529.1	1434.2	1354.5	1271.5	1185.5	1082.2	976.7	874.2	783.6	692.7	602.8
-60°	1317.4	1234.6	1166.3	1094.0	1017.6	931.2	847.5	766.3	687.9	613.8	536.4
-62.5°	1117.4	1050.6	989.1	927.8	865.8	800.3	728.7	663.2	602.5	540.0	470.0
-65°	928.2	875.9	824.2	774.7	723.7	671.1	614.1	562.3	512.7	462.0	401.4
-67.5°	755.5	714.6	672.7	631.3	591.6	549.9	506.5	463.3	422.8	381.5	332.4
-70°	608.2	577.4	544.9	510.3	477.4	444.7	411.2	376.2	339.2	305.5	271.8
-72.5°	490.9	468.8	444.5	416.5	386.9	358.6	331.4	304.2	276.1	247.2	217.9
-75°	396.7	380.5	362.0	338.6	314.6	290.1	267.2	243.8	218.1	190.1	162.8
-77.5°	314.1	304.2	292.8	274.1	255.3	236.3	215.9	190.3	164.2	138.3	115.8
-80°	235.5	230.8	224.0	207.8	191.6	175.5	158.4	136.1	113.9	93.1	76.3
-82.5°	155.4	152.2	147.9	137.1	126.4	115.9	105.2	89.6	74.8	60.7	48.3
-85°	84.9	82.2	79.2	74.0	68.9	63.8	58.7	50.1	42.1	34.6	27.9
-87.5°	31.0	30.0	28.9	27.8	26.7	25.5	24.4	21.9	19.4	17.1	14.8
-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: P627140 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-727-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°	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	9.3	8.4	7.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.1	1.8
85°	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.5	1.0
82.5°	0.0	0.0	0.0	0.1	0.6	0.9	1.0	0.9	0.5	0.1	0.3
80°	0.0	0.0	0.0	0.1	0.8	1.8	2.2	2.3	1.8	1.2	0.7
77.5°	0.0	0.0	0.0	0.0	0.3	1.0	1.9	3.1	3.1	2.4	1.7
75°	0.0	0.0	0.0	0.1	0.2	0.1	0.7	1.8	2.8	3.4	2.7
72.5°	0.0	0.0	0.0	0.4	0.9	1.0	0.6	0.6	2.0	2.9	3.4
70°	0.5	0.2	0.0	0.6	1.4	2.1	1.9	1.6	1.3	2.5	3.2
67.5°	1.6	1.7	1.3	1.0	1.5	2.4	3.2	3.0	2.6	2.2	3.1
65°	3.9	3.6	3.3	2.9	2.5	2.5	3.3	4.2	3.9	3.4	3.1
62.5°	5.9	5.8	5.4	4.9	4.4	3.8	3.5	4.7	5.1	4.5	3.8
60°	7.6	7.9	7.5	6.9	6.2	5.5	5.0	5.3	5.9	5.7	4.8
57.5°	10.5	10.2	10.0	9.1	8.0	7.2	6.7	6.6	6.8	6.7	5.8
55°	18.4	12.8	12.9	11.9	10.3	8.9	8.5	8.2	7.8	7.7	6.8
52.5°	46.6	25.9	16.6	15.4	13.4	11.0	10.2	9.7	9.2	8.8	7.8
50°	86.1	55.7	31.5	19.8	16.9	14.4	12.0	11.3	10.7	10.0	8.7
47.5°	137.7	95.8	62.2	31.2	21.8	18.0	15.0	12.9	12.0	11.2	9.7
45°	212.1	141.1	97.8	61.8	29.0	24.8	18.5	14.5	13.5	12.4	10.6
42.5°	295.2	207.0	137.3	93.3	55.4	34.3	22.1	17.5	14.9	13.6	11.6
40°	376.6	286.1	184.4	128.7	83.6	46.0	31.8	20.9	16.3	14.9	12.7
37.5°	466.7	369.8	258.3	166.5	112.4	70.2	43.6	24.4	18.5	16.3	13.9
35°	578.1	462.6	332.2	221.8	148.8	92.7	56.7	31.0	22.7	17.8	15.1
32.5°	689.3	555.3	412.2	286.1	186.9	113.5	73.7	44.3	27.6	19.4	16.4
30°	801.2	640.2	487.5	345.7	230.7	146.7	92.1	57.1	33.3	21.0	17.7
27.5°	902.1	720.2	557.9	407.9	282.1	181.8	111.3	69.6	39.6	23.7	19.0
25°	1016.0	806.8	627.2	467.4	329.1	218.4	131.0	81.9	48.8	28.6	20.3
22.5°	1162.5	895.8	691.5	521.3	375.7	253.4	156.3	98.0	58.9	33.7	21.6
20°	1308.2	982.7	754.4	588.9	426.3	292.9	185.6	114.0	68.4	39.0	22.9
17.5°	1451.2	1094.0	846.0	657.9	480.5	329.7	213.0	129.8	77.5	44.4	24.2
15°	1579.4	1221.6	936.1	723.1	533.6	363.8	238.3	145.1	85.9	49.8	25.9
12.5°	1687.0	1331.5	1020.9	784.2	584.7	395.0	261.4	159.8	93.8	55.9	28.2
10°	1776.0	1424.5	1099.5	840.6	632.9	423.0	282.3	174.5	102.9	62.3	30.7
7.5°	1847.0	1501.4	1171.0	891.9	676.7	449.2	304.7	190.0	111.8	68.4	33.2
5°	1900.5	1561.3	1226.2	928.6	711.5	473.2	325.4	204.2	120.0	74.1	35.7
2.5°	1935.2	1605.4	1267.2	957.4	739.9	493.5	343.5	217.0	127.5	79.3	38.1
0°	1955.7	1637.0	1298.2	979.5	761.5	509.9	358.9	228.1	134.2	83.9	40.3
-2.5°	1974.0	1657.7	1325.3	1018.1	776.3	536.8	368.8	238.1	144.8	87.2	44.4
-5°	1980.0	1666.8	1343.0	1047.9	785.3	558.6	375.7	246.3	154.1	89.9	48.1
-7.5°	1969.8	1661.4	1349.2	1064.8	789.5	574.0	379.7	252.7	161.7	92.0	51.4
-10°	1947.1	1643.4	1341.0	1059.6	795.2	578.8	382.1	257.4	167.2	93.5	54.1
-12.5°	1913.5	1616.2	1323.4	1048.4	794.2	575.8	388.4	261.1	170.0	94.6	56.1
-15°	1869.4	1580.7	1296.4	1031.8	784.7	568.8	390.0	262.4	169.7	96.6	57.3
-17.5°	1817.5	1537.6	1260.3	1010.6	766.1	558.4	386.5	260.8	168.0	99.4	58.5
-20°	1765.6	1489.7	1217.4	985.6	738.0	544.9	377.5	256.0	164.9	101.3	59.7



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1704.7	1434.7	1180.4	950.7	707.7	528.6	362.8	247.8	160.5	102.2	60.3
-25°	1634.8	1370.6	1135.9	902.7	683.7	510.1	347.6	236.2	154.8	101.9	60.1
-27.5°	1555.7	1302.0	1083.5	850.1	658.9	484.3	333.2	227.7	150.0	100.4	59.2
-30°	1467.4	1237.5	1020.8	799.6	628.5	456.4	314.4	218.2	147.8	98.5	57.5
-32.5°	1372.3	1164.8	953.4	761.0	593.9	427.5	297.7	207.5	144.1	96.1	57.6
-35°	1283.1	1085.7	884.7	716.6	557.2	410.3	286.6	195.5	138.9	92.8	57.9
-37.5°	1187.5	1002.7	830.2	670.2	518.6	390.7	277.6	190.2	132.2	88.5	57.7
-40°	1095.6	924.0	767.2	626.0	490.1	368.5	263.5	184.2	125.7	83.3	57.0
-42.5°	1002.6	850.1	706.9	577.9	463.1	347.1	245.3	175.1	120.5	80.3	55.7
-45°	916.9	773.8	642.8	536.0	433.2	319.7	231.4	163.6	114.1	78.1	54.5
-47.5°	826.9	696.0	584.2	490.1	394.1	289.8	213.6	154.6	106.4	75.3	53.7
-50°	734.0	622.4	529.4	439.7	346.1	265.0	194.6	143.8	103.6	73.1	52.4
-52.5°	652.7	557.7	473.4	387.8	310.0	235.9	180.2	132.2	100.0	71.2	50.5
-55°	582.7	496.1	418.1	345.3	275.5	214.4	164.0	126.7	95.4	68.9	48.2
-57.5°	520.8	439.1	372.8	307.4	246.8	193.8	152.5	120.1	90.6	65.6	46.2
-60°	460.7	393.6	331.6	273.3	219.9	176.0	143.5	112.6	85.0	61.5	43.9
-62.5°	405.1	346.0	292.1	239.4	195.8	161.5	133.2	103.8	78.3	56.4	40.9
-65°	346.7	296.4	250.8	209.5	174.0	144.5	120.0	93.9	69.5	50.3	37.1
-67.5°	286.1	249.2	213.6	179.1	150.2	125.4	104.7	80.7	59.2	43.1	32.5
-70°	238.3	205.8	175.6	148.6	125.0	104.8	85.6	65.2	47.7	36.9	27.7
-72.5°	189.7	163.2	138.5	117.0	100.1	83.0	65.6	49.9	39.6	30.5	22.7
-75°	140.4	122.5	106.4	91.4	76.3	61.3	50.0	39.7	31.1	23.7	19.1
-77.5°	101.9	89.0	77.1	67.6	57.2	47.2	37.7	29.1	23.6	19.7	16.1
-80°	69.2	62.4	55.9	49.3	40.9	32.9	27.2	22.4	19.0	15.9	13.0
-82.5°	43.6	40.0	36.8	33.4	28.5	24.1	20.2	16.9	14.3	12.0	10.5
-85°	25.9	23.9	22.1	20.2	17.5	15.1	13.9	12.9	11.8	10.7	9.6
-87.5°	14.6	14.4	14.2	13.9	13.2	12.6	12.0	11.5	10.5	9.5	8.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.7	2.5

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	6.7	5.9	5.1	4.2	3.4	3.4	3.4
87.5°	2.5	2.8	3.1	3.3	3.4	3.4	3.4
85°	1.7	2.3	2.8	3.2	3.4	3.4	3.4
82.5°	0.8	1.8	2.5	3.1	3.4	3.4	3.4
80°	0.2	1.3	2.3	3.0	3.4	3.4	3.4
77.5°	1.1	1.1	2.0	2.9	3.4	3.4	3.4
75°	1.9	1.7	1.9	2.8	3.4	3.4	3.4
72.5°	2.7	2.2	2.2	2.7	3.4	3.4	3.4
70°	3.4	2.7	2.4	2.7	3.4	3.4	3.4
67.5°	3.5	3.2	2.7	2.8	3.4	3.4	3.4
65°	3.6	3.5	3.0	2.9	3.4	3.4	3.4
62.5°	3.8	3.8	3.2	3.1	3.4	3.4	3.4
60°	4.0	4.1	3.4	3.1	3.4	3.4	3.4
57.5°	4.8	4.4	3.7	3.2	3.4	3.4	3.4
55°	5.6	4.7	4.0	3.3	3.5	3.4	3.4
52.5°	6.5	5.2	4.4	3.3	3.5	3.4	3.4
50°	7.3	5.8	4.8	3.4	3.6	3.4	3.4
47.5°	8.1	6.5	5.1	3.5	3.7	3.4	3.4
45°	8.9	7.2	5.5	3.8	3.8	3.4	3.4
42.5°	9.7	7.8	6.0	4.1	3.9	3.4	3.4
40°	10.4	8.4	6.4	4.5	4.0	3.4	3.4
37.5°	11.1	9.0	6.9	4.9	4.2	3.4	3.4
35°	11.8	9.6	7.4	5.4	4.3	3.4	3.4
32.5°	12.6	10.2	7.8	5.8	4.4	3.4	3.4
30°	13.6	10.7	8.3	6.2	4.6	3.4	3.4
27.5°	14.6	11.2	8.8	6.6	4.8	3.4	3.4
25°	15.6	11.7	9.3	7.0	4.9	3.4	3.4
22.5°	16.5	12.2	9.8	7.4	5.1	3.4	3.4
20°	17.5	12.8	10.3	7.7	5.3	3.4	3.4
17.5°	18.5	13.4	10.8	8.1	5.5	3.4	3.4
15°	19.4	14.0	11.2	8.4	5.7	3.4	3.4
12.5°	20.3	14.5	11.6	8.7	5.9	3.4	3.4
10°	21.1	15.0	12.0	9.1	6.0	3.4	3.4
7.5°	21.8	15.5	12.4	9.3	6.2	3.4	3.4
5°	22.4	16.0	12.8	9.6	6.4	3.4	3.4
2.5°	23.0	16.4	13.1	9.9	6.5	3.4	3.4
0°	23.5	16.8	13.4	10.1	6.7	3.4	3.4
-2.5°	24.8	17.1	13.7	10.1	6.7	3.4	3.4
-5°	26.0	17.5	13.9	10.1	6.7	3.4	3.4
-7.5°	27.0	17.7	14.2	10.0	6.6	3.4	3.4
-10°	27.9	18.0	14.3	9.9	6.6	3.4	3.4
-12.5°	28.5	18.2	14.4	9.9	6.5	3.4	3.4
-15°	28.9	18.4	14.5	9.8	6.5	3.4	3.4
-17.5°	29.1	18.5	14.5	9.6	6.4	3.4	3.4
-20°	29.8	18.6	14.4	9.5	6.3	3.4	3.4

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	31.7	18.7	14.2	9.3	6.2	3.4	3.4
-25°	33.3	20.0	14.0	9.1	6.1	3.4	3.4
-27.5°	34.5	21.5	13.6	8.9	6.0	3.4	3.4
-30°	35.4	22.9	13.3	8.7	5.8	3.4	3.4
-32.5°	35.8	24.0	13.8	8.5	5.7	3.4	3.4
-35°	36.8	24.9	14.1	8.2	5.5	3.4	3.4
-37.5°	37.8	25.4	14.4	8.0	5.3	3.4	3.4
-40°	38.4	25.6	14.5	7.7	5.2	3.4	3.4
-42.5°	38.6	25.6	14.6	7.5	5.0	3.4	3.4
-45°	38.4	25.4	14.6	7.6	4.8	3.4	3.4
-47.5°	37.8	25.1	14.5	7.5	4.6	3.4	3.4
-50°	37.0	24.5	14.3	7.4	4.3	3.4	3.4
-52.5°	36.0	23.7	13.8	7.3	4.1	3.4	3.4
-55°	34.7	22.7	13.2	7.1	3.9	3.4	3.4
-57.5°	33.2	21.5	12.5	6.8	3.6	3.4	3.4
-60°	31.3	20.0	11.6	6.5	3.4	3.4	3.4
-62.5°	28.8	18.3	11.0	6.2	3.4	3.4	3.4
-65°	26.0	16.4	10.3	5.8	3.4	3.4	3.4
-67.5°	22.8	14.7	9.5	5.4	3.4	3.4	3.4
-70°	19.4	13.4	8.6	4.9	3.4	3.4	3.4
-72.5°	17.2	12.0	7.7	4.8	3.4	3.4	3.4
-75°	15.0	10.4	6.7	4.7	3.4	3.4	3.4
-77.5°	12.7	8.8	6.4	4.7	3.4	3.4	3.4
-80°	10.3	8.0	6.1	4.6	3.4	3.4	3.4
-82.5°	9.3	7.5	5.9	4.5	3.4	3.4	3.4
-85°	8.4	7.0	5.6	4.4	3.4	3.4	3.4
-87.5°	7.6	6.4	5.3	4.3	3.4	3.4	3.4
-90°	3.4	3.4	3.4	3.4	3.4	3.4	3.4

(END OF REPORT)