

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: P627410 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4C-740-U-VWR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627410 (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-SA4C-740-U-VWR-VSR-XX  
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR  
Light Source: (64) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

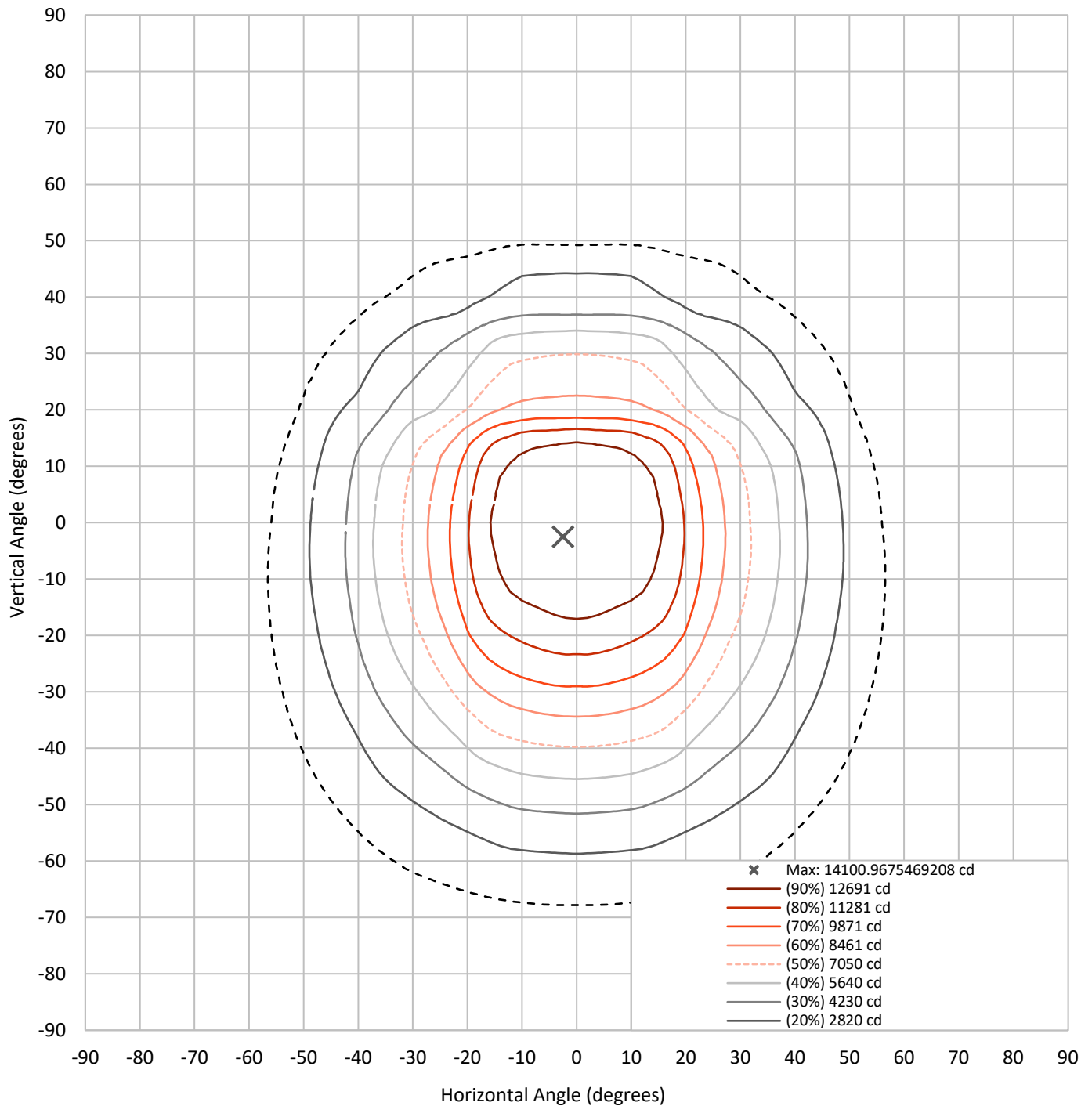
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	18818.2 lumens	Max Intensity:	14101 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	111.9 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' 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:	10887.6 lumens	Field Lumens:	17857.3 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	168.2		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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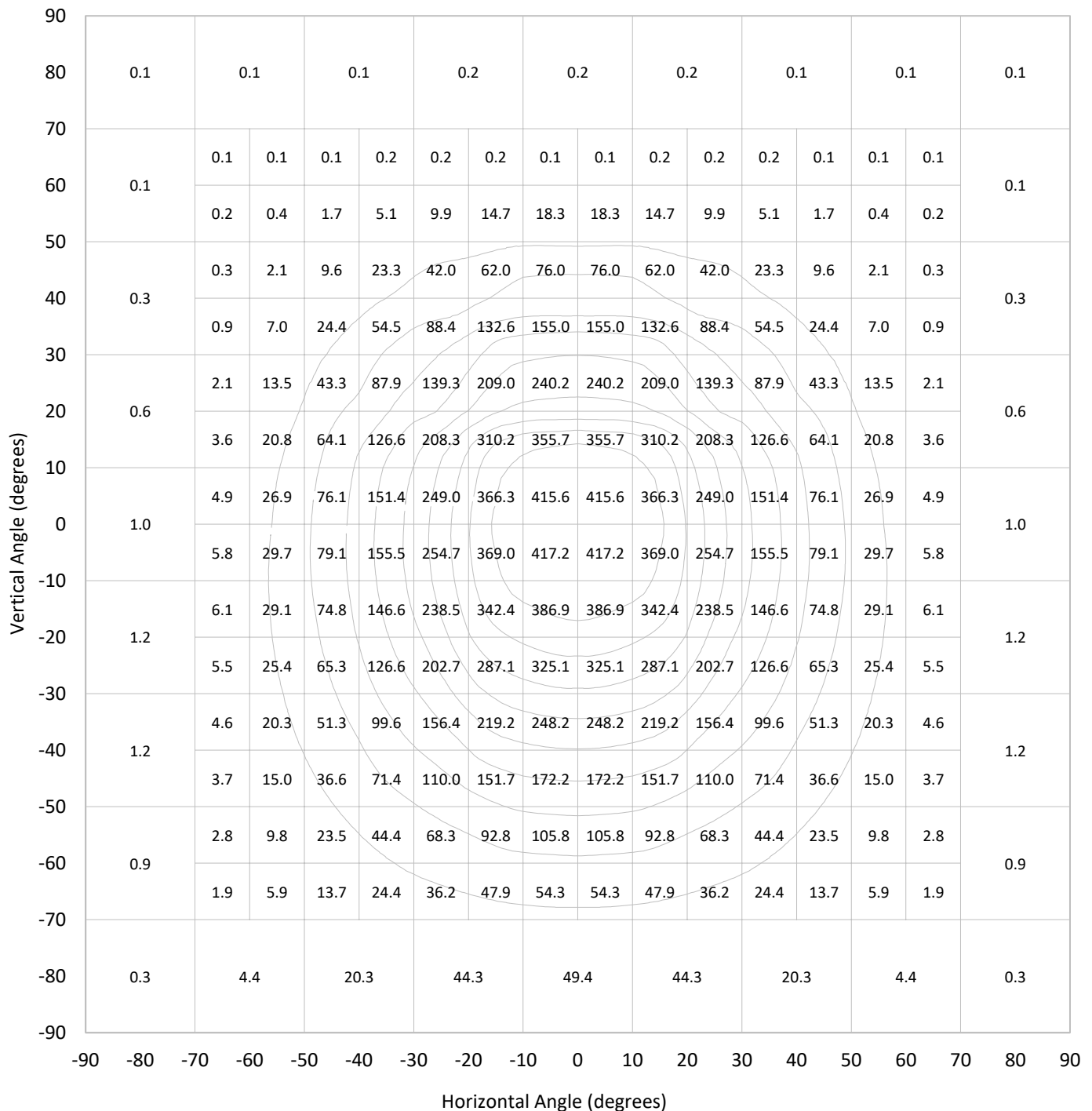
### Iso-Candela Plot





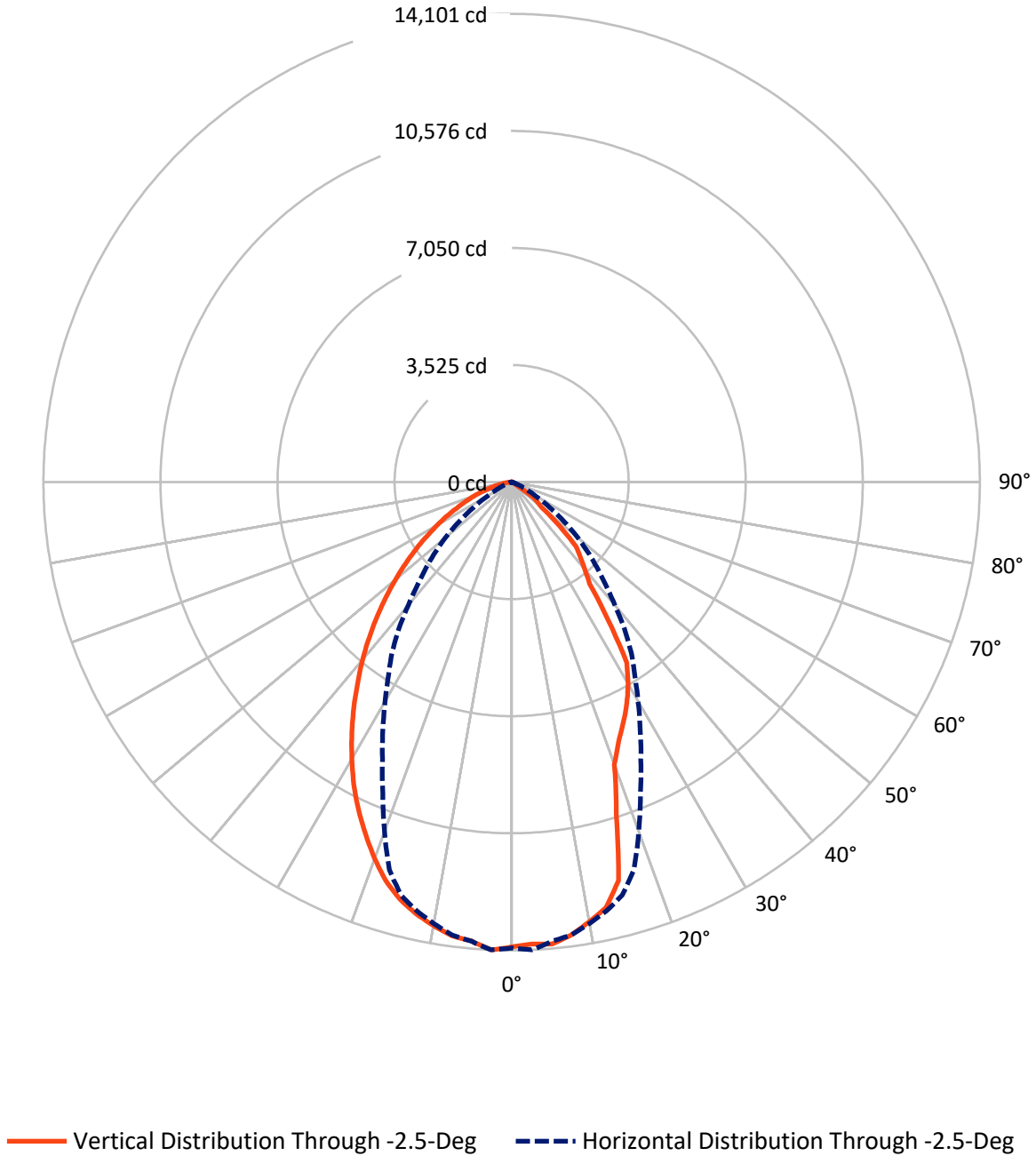
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### Lumen Table



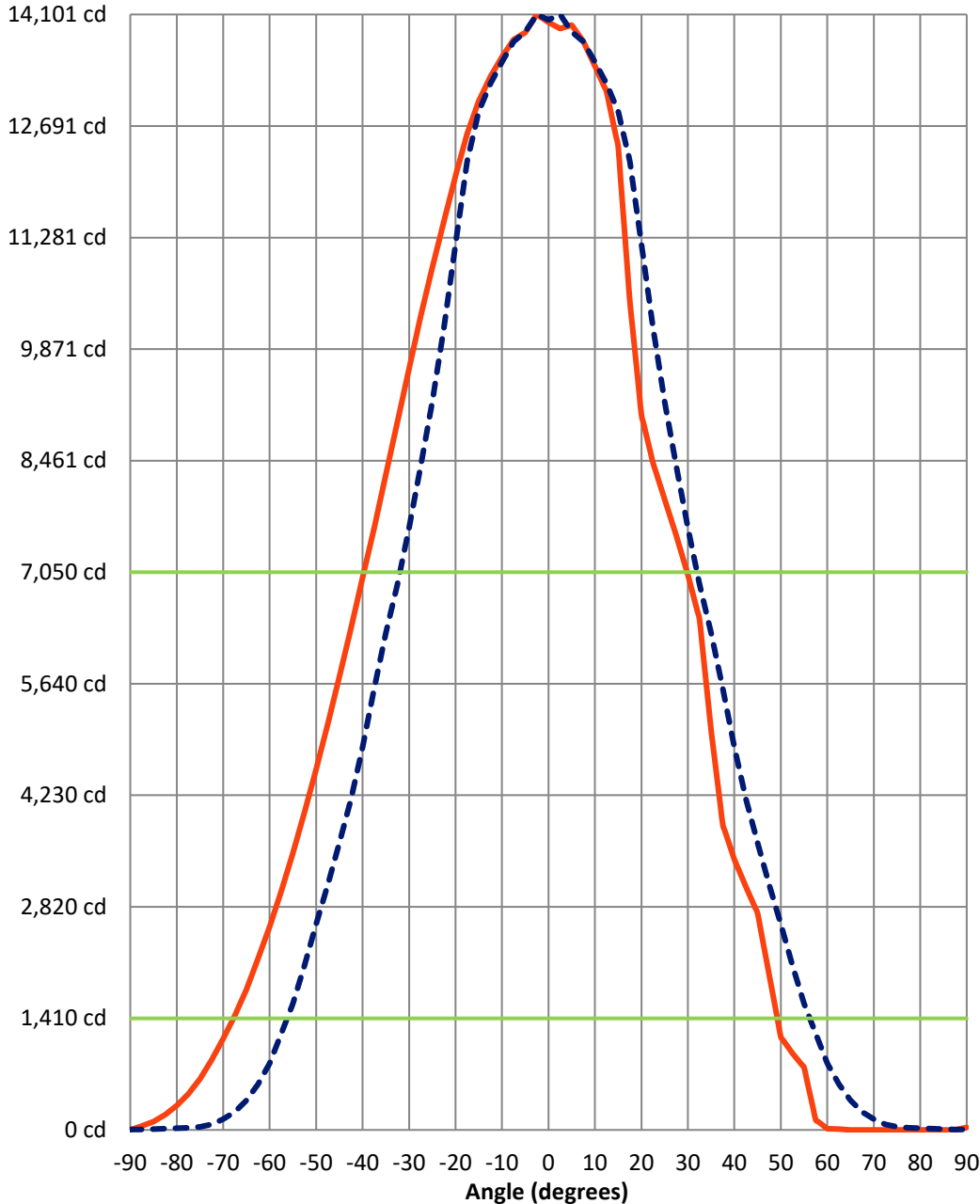
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 63.9°  
 V Angle: 69.6°  
 Lumens: 10887.6  
 Efficiency: 57.9%

**Field:**  
 H Angle: 112.5°  
 V Angle: 117.1°  
 Lumens: 17857.3  
 Efficiency: 94.9%

**Spill:**  
 Lumens: 960.9  
 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°	5.3	5.3	5.3	6.6	7.9	9.2	10.5	11.8	13.2	14.5	15.8
87.5°	5.3	5.3	5.3	5.1	4.8	4.4	3.9	2.8	1.8	0.8	0.0
85°	5.3	5.3	5.3	5.0	4.4	3.6	2.6	1.6	0.9	0.3	0.0
82.5°	5.3	5.3	5.3	4.8	3.9	2.8	1.2	0.4	0.1	0.8	1.4
80°	5.3	5.3	5.3	4.6	3.5	2.0	0.3	1.0	1.9	2.8	3.6
77.5°	5.3	5.3	5.3	4.5	3.1	1.8	1.6	2.6	3.7	4.8	4.8
75°	5.3	5.3	5.3	4.4	2.9	2.6	3.0	4.2	5.2	4.3	2.8
72.5°	5.3	5.3	5.3	4.3	3.4	3.4	4.2	5.2	4.5	3.1	0.9
70°	5.3	5.3	5.3	4.2	3.8	4.2	5.3	5.0	3.9	2.0	2.4
67.5°	5.3	5.3	5.3	4.4	4.2	5.0	5.5	4.9	3.4	4.1	4.7
65°	5.3	5.3	5.3	4.6	4.6	5.5	5.7	4.8	5.3	6.1	6.5
62.5°	5.3	5.3	5.3	4.8	5.0	5.9	5.9	6.0	7.1	8.0	7.3
60°	5.3	5.3	5.3	4.9	5.3	6.3	6.3	7.5	8.9	9.2	8.3
57.5°	5.3	5.3	5.4	5.0	5.8	6.8	7.5	9.1	10.4	10.6	10.3
55°	5.3	5.3	5.4	5.1	6.3	7.4	8.8	10.6	12.0	12.2	12.8
52.5°	5.3	5.3	5.5	5.2	6.9	8.1	10.1	12.2	13.7	14.5	15.3
50°	5.3	5.3	5.6	5.3	7.4	9.1	11.4	13.7	15.6	16.7	17.8
47.5°	5.3	5.3	5.8	5.4	8.0	10.2	12.7	15.2	17.6	19.0	20.2
45°	5.3	5.3	5.9	5.9	8.7	11.2	13.9	16.6	19.4	21.2	22.7
42.5°	5.3	5.3	6.1	6.4	9.3	12.2	15.1	18.2	21.4	23.3	27.5
40°	5.3	5.3	6.3	7.0	10.0	13.2	16.3	20.0	23.5	25.5	32.8
37.5°	5.3	5.3	6.5	7.7	10.8	14.1	17.5	21.9	25.7	29.0	38.2
35°	5.3	5.3	6.7	8.4	11.5	15.1	18.6	23.8	28.0	35.6	48.7
32.5°	5.3	5.3	6.9	9.0	12.2	15.9	19.8	25.8	30.4	43.4	69.5
30°	5.3	5.3	7.2	9.7	12.9	16.8	21.4	27.8	32.9	52.2	89.7
27.5°	5.3	5.3	7.5	10.3	13.8	17.6	22.9	29.8	37.2	62.1	109.3
25°	5.3	5.3	7.7	10.9	14.6	18.4	24.5	31.9	44.8	76.5	128.4
22.5°	5.3	5.3	8.0	11.5	15.4	19.2	26.0	33.9	52.9	92.3	153.8
20°	5.3	5.3	8.3	12.1	16.2	20.2	27.5	36.0	61.2	107.4	179.0
17.5°	5.3	5.3	8.6	12.7	16.9	21.1	29.0	38.0	69.7	121.5	203.7
15°	5.3	5.3	8.9	13.2	17.6	22.0	30.5	40.7	78.2	134.8	227.7
12.5°	5.3	5.3	9.2	13.7	18.3	22.8	31.8	44.3	87.7	147.1	250.8
10°	5.3	5.3	9.5	14.2	18.9	23.6	33.1	48.2	97.7	161.5	273.8
7.5°	5.3	5.3	9.7	14.6	19.5	24.3	34.2	52.1	107.3	175.4	298.1
5°	5.3	5.3	10.0	15.0	20.1	25.0	35.2	56.0	116.2	188.3	320.5
2.5°	5.3	5.3	10.3	15.4	20.6	25.7	36.0	59.7	124.4	200.1	340.5
0°	5.3	5.3	10.5	15.8	21.1	26.3	36.8	63.2	131.6	210.6	357.9
-2.5°	5.3	5.3	10.5	15.8	21.1	26.3	36.8	63.2	131.6	210.6	357.9
-5°	5.3	5.3	10.5	15.7	21.9	27.4	40.7	75.5	141.0	241.8	386.4
-7.5°	5.3	5.3	10.4	15.7	22.2	27.8	42.4	80.6	144.3	253.7	396.5
-10°	5.3	5.3	10.3	15.6	22.5	28.2	43.7	84.9	146.8	262.3	403.8
-12.5°	5.3	5.3	10.3	15.4	22.6	28.6	44.7	88.0	148.4	266.8	409.6
-15°	5.3	5.3	10.1	15.3	22.7	28.9	45.4	90.0	151.5	266.3	411.7
-17.5°	5.3	5.3	10.0	15.1	22.7	29.1	45.6	91.9	156.0	263.6	409.1
-20°	5.3	5.3	9.9	14.8	22.5	29.3	46.8	93.8	159.0	258.8	401.6

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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°	5.3	5.3	9.7	14.6	22.3	29.4	49.8	94.6	160.3	251.8	388.9
-25°	5.3	5.3	9.5	14.3	21.9	31.3	52.3	94.3	159.8	242.9	370.6
-27.5°	5.3	5.3	9.3	14.0	21.3	33.8	54.2	92.9	157.6	235.3	357.3
-30°	5.3	5.3	9.1	13.7	20.8	35.9	55.5	90.3	154.6	231.9	342.4
-32.5°	5.3	5.3	8.9	13.3	21.6	37.6	56.3	90.4	150.9	226.1	325.5
-35°	5.3	5.3	8.6	12.9	22.1	39.0	57.8	90.9	145.6	218.0	306.8
-37.5°	5.3	5.3	8.3	12.5	22.5	39.9	59.3	90.6	138.9	207.4	298.4
-40°	5.3	5.3	8.1	12.1	22.7	40.2	60.2	89.4	130.7	197.3	289.0
-42.5°	5.3	5.3	7.8	11.8	22.8	40.2	60.6	87.3	126.0	189.1	274.7
-45°	5.3	5.3	7.4	11.9	22.9	39.9	60.3	85.5	122.6	179.0	256.7
-47.5°	5.3	5.3	7.1	11.8	22.8	39.3	59.4	84.3	118.2	166.9	242.5
-50°	5.3	5.3	6.8	11.7	22.4	38.4	58.1	82.2	114.7	162.6	225.6
-52.5°	5.3	5.3	6.4	11.4	21.7	37.2	56.5	79.3	111.8	156.8	207.5
-55°	5.3	5.3	6.1	11.1	20.7	35.7	54.5	75.7	108.1	149.7	198.8
-57.5°	5.3	5.3	5.7	10.7	19.6	33.7	52.1	72.5	103.0	142.2	188.5
-60°	5.3	5.3	5.3	10.3	18.2	31.4	49.2	69.0	96.6	133.4	176.7
-62.5°	5.3	5.3	5.3	9.7	17.2	28.8	45.2	64.2	88.6	122.9	163.0
-65°	5.3	5.3	5.3	9.1	16.1	25.8	40.8	58.2	78.9	109.0	147.3
-67.5°	5.3	5.3	5.3	8.4	14.9	23.2	35.9	51.1	67.7	92.8	126.6
-70°	5.3	5.3	5.3	7.6	13.5	21.0	30.5	43.5	58.0	74.8	102.3
-72.5°	5.3	5.3	5.3	7.4	12.0	18.8	27.0	35.6	47.8	62.1	78.3
-75°	5.3	5.3	5.3	7.4	10.5	16.4	23.5	30.0	37.2	48.9	62.3
-77.5°	5.3	5.3	5.3	7.3	10.0	13.8	19.8	25.2	30.9	37.0	45.7
-80°	5.3	5.3	5.3	7.2	9.6	12.4	16.0	20.3	24.9	29.9	35.2
-82.5°	5.3	5.3	5.3	7.1	9.2	11.7	14.5	16.5	18.8	22.5	26.5
-85°	5.3	5.3	5.3	6.9	8.8	10.9	13.2	15.0	16.7	18.5	20.2
-87.5°	5.3	5.3	5.3	6.8	8.4	10.1	11.9	13.4	15.0	16.5	18.0
-90°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	4.0	2.6	1.3	0.0





REPORT NUMBER: P627410 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-740-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°	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	17.1	18.5	19.8
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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.6	1.4	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	3.5	2.8	1.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	3.0	1.5	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1.1	0.1	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.9	1.5	1.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	3.0	3.2	2.2	0.9	0.0	0.3	0.8	0.6	0.0	0.3	0.7
67.5°	4.9	3.7	2.4	1.5	2.0	2.7	2.5	2.7	2.9	3.1	2.7
65°	5.2	3.9	4.0	4.6	5.2	5.7	6.1	6.5	5.5	4.8	4.9
62.5°	5.5	5.9	6.8	7.7	8.5	9.1	9.2	8.2	6.3	7.8	9.0
60°	7.8	8.6	9.7	10.7	11.8	12.4	11.8	12.0	13.3	15.4	29.6
57.5°	10.6	11.2	12.6	14.2	15.7	15.9	16.4	17.8	41.7	68.1	75.3
55°	13.3	13.9	16.1	18.7	20.2	20.1	28.9	60.9	91.8	127.3	140.3
52.5°	16.0	17.2	20.9	24.1	26.1	40.6	73.1	116.5	162.3	202.9	255.5
50°	18.7	22.5	26.4	31.1	49.5	87.4	135.0	194.3	263.2	328.2	394.7
47.5°	23.4	28.2	34.2	49.0	97.7	150.3	216.1	311.5	396.5	475.1	566.3
45°	29.0	38.9	45.5	97.0	153.5	221.4	332.9	449.5	526.6	631.8	793.3
42.5°	34.7	53.9	87.0	146.5	215.4	324.9	463.1	562.5	665.2	835.7	1005.4
40°	49.9	72.2	131.2	202.0	289.3	449.0	590.9	703.3	843.6	1032.6	1209.8
37.5°	68.4	110.2	176.3	261.3	405.3	580.3	732.2	892.9	1054.1	1232.3	1560.9
35°	88.9	145.5	233.5	348.1	521.3	725.9	907.0	1086.6	1272.4	1623.3	1949.4
32.5°	115.7	178.0	293.3	449.0	646.7	871.3	1081.6	1289.2	1587.1	1984.3	2311.5
30°	144.5	230.2	362.1	542.4	764.8	1004.5	1257.3	1508.7	1903.0	2231.6	2586.8
27.5°	174.6	285.3	442.7	640.0	875.4	1130.2	1415.6	1774.0	2125.7	2450.4	2840.8
25°	205.5	342.8	516.5	733.4	984.2	1266.0	1594.2	2030.9	2306.0	2664.8	3072.1
22.5°	245.3	397.7	589.5	818.0	1085.0	1405.6	1824.2	2262.7	2586.4	2888.2	3286.1
20°	291.2	459.5	668.9	924.0	1183.8	1541.9	2052.8	2514.0	2894.8	3240.4	3605.8
17.5°	334.2	517.4	753.9	1032.2	1327.5	1716.7	2277.2	2787.5	3206.6	3591.8	4047.9
15°	373.9	570.8	837.2	1134.7	1468.8	1916.8	2478.3	3038.8	3517.4	3950.7	4469.1
12.5°	410.2	619.7	917.3	1230.5	1601.9	2089.4	2647.2	3194.3	3720.3	4285.0	4873.3
10°	442.9	663.6	993.1	1319.0	1725.2	2235.4	2786.8	3324.0	3854.7	4452.3	5105.9
7.5°	478.1	704.7	1061.8	1399.5	1837.4	2355.9	2898.3	3428.0	3963.3	4586.0	5257.1
5°	510.5	742.5	1116.5	1457.1	1924.2	2450.0	2982.2	3507.1	4045.7	4685.7	5371.6
2.5°	539.0	774.3	1161.0	1502.3	1988.5	2519.2	3036.7	3572.9	4106.9	4766.7	5459.0
0°	563.2	800.1	1194.9	1537.0	2037.1	2568.7	3068.8	3616.2	4142.6	4821.6	5516.5
-2.5°	578.7	842.3	1218.2	1597.5	2079.6	2601.1	3097.5	3628.3	4181.1	4839.0	5581.0
-5°	589.6	876.6	1232.3	1644.2	2107.3	2615.4	3106.9	3619.0	4191.4	4834.6	5590.5
-7.5°	595.9	900.7	1238.9	1670.7	2117.1	2606.9	3090.9	3601.1	4174.6	4818.1	5548.7
-10°	599.6	908.3	1247.8	1662.7	2104.2	2578.7	3055.3	3559.3	4126.8	4764.3	5469.3
-12.5°	609.5	903.5	1246.2	1645.1	2076.6	2536.1	3002.5	3493.1	4047.2	4672.5	5359.5
-15°	612.0	892.6	1231.3	1619.0	2034.3	2480.3	2933.4	3402.3	3949.1	4583.0	5238.1
-17.5°	606.4	876.3	1202.1	1585.8	1977.6	2412.7	2852.0	3320.6	3857.1	4479.8	5110.6
-20°	592.3	855.0	1158.0	1546.5	1910.4	2337.6	2770.5	3234.8	3751.3	4336.6	4967.9

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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°	569.3	829.3	1110.4	1491.7	1852.3	2251.3	2674.9	3117.9	3618.7	4150.9	4776.1
-25°	545.4	800.4	1072.8	1416.5	1782.4	2150.6	2565.1	2975.1	3463.0	3985.6	4540.4
-27.5°	522.8	759.9	1033.8	1334.0	1700.2	2043.1	2441.0	2840.8	3287.8	3800.1	4310.8
-30°	493.3	716.2	986.1	1254.6	1601.9	1941.8	2302.6	2696.0	3098.0	3584.1	4086.7
-32.5°	467.2	670.8	931.9	1194.2	1496.1	1827.7	2153.3	2528.3	2920.6	3335.1	3831.6
-35°	449.7	643.9	874.4	1124.4	1388.3	1703.6	2013.3	2339.2	2719.0	3108.0	3544.0
-37.5°	435.6	613.0	813.9	1051.6	1302.8	1573.5	1863.4	2163.2	2494.7	2886.8	3296.8
-40°	413.4	578.3	769.0	982.3	1203.9	1450.1	1719.2	1990.5	2277.9	2661.0	3065.5
-42.5°	384.9	544.6	726.8	906.9	1109.3	1334.0	1573.3	1828.8	2105.0	2437.7	2809.5
-45°	363.0	501.6	679.8	841.1	1008.7	1214.2	1438.9	1670.4	1930.8	2216.5	2550.4
-47.5°	335.2	454.8	618.4	769.1	916.8	1092.1	1297.6	1516.7	1747.4	2004.8	2278.6
-50°	305.4	415.7	543.2	690.0	830.7	976.6	1151.8	1354.5	1563.8	1788.1	2032.3
-52.5°	282.8	370.1	486.4	608.6	742.8	875.1	1024.3	1198.0	1384.9	1572.4	1787.2
-55°	257.3	336.5	432.3	541.9	656.1	778.5	914.4	1066.6	1219.0	1391.2	1562.6
-57.5°	239.2	304.1	387.2	482.4	585.0	689.0	817.3	945.9	1087.0	1229.5	1371.7
-60°	225.2	276.2	345.1	428.9	520.3	617.6	722.9	841.7	963.2	1079.5	1202.4
-62.5°	209.1	253.4	307.3	375.7	458.3	542.9	635.6	737.4	847.4	945.3	1040.6
-65°	188.3	226.8	273.1	328.7	393.6	465.1	544.1	629.9	724.9	804.4	882.3
-67.5°	164.4	196.8	235.6	281.1	335.2	391.0	449.0	521.5	598.7	663.5	727.0
-70°	134.3	164.4	196.1	233.1	275.6	322.9	373.9	426.5	479.4	532.3	590.3
-72.5°	102.8	130.2	157.1	183.5	217.3	256.0	297.6	341.8	387.9	433.2	477.3
-75°	78.4	96.1	119.6	143.4	166.9	192.2	220.3	255.4	298.3	342.2	382.5
-77.5°	59.2	74.1	89.7	106.1	120.9	139.6	159.9	181.7	217.1	257.6	298.6
-80°	42.7	51.6	64.1	77.3	87.7	97.9	108.6	119.7	146.0	178.7	213.5
-82.5°	31.7	37.8	44.7	52.4	57.6	62.7	68.4	75.7	95.2	117.3	140.6
-85°	21.8	23.6	27.4	31.6	34.6	37.5	40.6	43.7	54.2	66.0	78.6
-87.5°	18.8	19.7	20.7	21.8	22.2	22.5	22.9	23.2	26.8	30.5	34.3
-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°	21.1	22.4	23.7	25.0	26.3	27.6	29.0	30.3	31.6	31.6	31.6
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°	0.0	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°	0.5	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2.4	2.7	2.8	2.2	0.9	0.0	0.0	0.0	0.0	0.0	0.0
65°	5.6	5.3	4.0	2.6	1.3	2.0	3.2	3.8	3.9	3.5	2.7
62.5°	8.4	7.7	6.9	8.0	9.6	11.1	10.6	10.0	9.3	8.9	9.2
60°	31.1	20.7	23.9	30.1	28.1	19.3	31.7	35.9	30.6	20.9	20.2
57.5°	78.9	76.1	87.2	127.4	140.2	127.8	152.7	185.4	184.4	158.8	158.0
55°	168.1	225.5	294.8	306.1	354.3	451.1	526.4	493.4	493.2	518.0	598.0
52.5°	319.3	373.5	393.7	447.5	548.4	621.6	668.7	717.4	770.7	825.1	880.3
50°	468.6	521.2	581.0	636.2	775.8	850.9	838.4	939.2	1068.2	1148.8	1190.2
47.5°	687.3	770.3	896.6	1094.4	1198.6	1274.0	1367.6	1481.8	1629.7	1830.2	1984.7
45°	944.9	1075.3	1270.7	1480.9	1642.6	1716.3	1823.5	2000.4	2236.1	2465.7	2633.3
42.5°	1155.4	1334.3	1554.7	1755.6	1887.5	2008.4	2147.3	2296.4	2566.5	2811.7	3005.5
40°	1430.1	1569.5	1816.8	2006.1	2124.1	2244.1	2464.1	2687.3	2941.3	3169.7	3328.5
37.5°	1778.3	1935.2	2192.4	2406.5	2520.2	2562.6	2936.6	3247.4	3453.8	3745.5	3840.8
35°	2152.3	2410.6	2738.3	3015.9	3127.4	3349.8	3735.2	4168.9	4638.8	4811.6	4958.9
32.5°	2569.7	2888.2	3332.9	3630.9	3789.9	4127.5	4615.2	5078.1	5692.5	6026.0	6125.7
30°	2951.5	3317.0	3699.2	3988.8	4260.7	4667.3	5112.0	5682.8	6250.9	6677.3	6809.7
27.5°	3231.7	3636.1	4003.6	4274.8	4581.6	5019.9	5574.4	6152.4	6710.1	7145.1	7299.7
25°	3499.1	3956.2	4247.2	4562.5	4922.8	5400.6	6015.0	6657.3	7206.6	7574.2	7763.7
22.5°	3803.3	4254.1	4566.4	4833.5	5304.6	5855.1	6425.4	7151.1	7733.1	8026.5	8232.0
20°	4117.2	4627.3	5109.7	5358.2	5765.8	6462.8	7101.3	7786.4	8348.4	8654.1	8870.6
17.5°	4555.3	5205.2	5797.0	6148.8	6585.3	7418.7	8215.4	8908.5	9690.3	9966.4	10230.9
15°	5017.2	5769.5	6462.6	7020.0	7583.8	8409.6	9435.2	10271.5	11163.6	11562.0	12012.3
12.5°	5477.7	6189.5	6817.6	7536.6	8331.2	9061.7	10038.1	11079.5	11889.0	12397.1	12700.3
10°	5821.9	6483.0	7087.4	7808.1	8601.2	9427.5	10397.8	11465.3	12312.7	12746.3	12993.8
7.5°	6007.7	6640.5	7278.0	8008.3	8797.8	9677.9	10677.6	11736.7	12603.2	13023.2	13267.6
5°	6145.7	6753.4	7413.5	8182.3	8980.6	9873.0	10871.2	11917.8	12707.8	13154.2	13463.2
2.5°	6229.2	6825.0	7499.9	8294.7	9095.1	10024.4	11070.9	12155.8	12847.1	13206.2	13490.4
0°	6253.4	6853.5	7548.3	8353.6	9174.8	10111.8	11148.7	12222.5	12922.6	13270.0	13559.5
-2.5°	6280.6	6898.5	7612.4	8391.8	9206.1	10140.4	11198.8	12245.1	12874.9	13225.5	13500.9
-5°	6261.6	6902.0	7613.7	8360.2	9179.8	10106.7	11122.8	12101.1	12759.9	13138.9	13412.8
-7.5°	6205.0	6854.4	7558.8	8276.3	9080.2	10017.6	11029.5	11971.5	12638.9	13038.6	13338.2
-10°	6122.5	6753.0	7462.3	8188.9	8983.2	9875.5	10871.8	11808.3	12447.0	12871.3	13220.6
-12.5°	6031.1	6648.6	7332.2	8029.2	8814.7	9696.0	10661.3	11547.8	12182.8	12645.6	12895.2
-15°	5895.7	6512.8	7166.3	7840.5	8606.2	9461.1	10383.3	11233.8	11857.3	12233.9	12509.8
-17.5°	5723.5	6328.9	6948.5	7588.0	8309.4	9151.3	10079.0	10917.8	11426.1	11762.5	12033.5
-20°	5539.0	6098.9	6685.9	7289.3	7988.5	8822.6	9733.7	10465.3	10944.3	11267.5	11523.5



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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°	5328.3	5867.5	6404.8	6981.7	7667.2	8431.9	9236.7	9943.7	10458.7	10753.1	10989.7
-25°	5087.8	5612.3	6122.5	6679.6	7309.7	7997.0	8745.4	9440.1	9901.4	10214.2	10448.7
-27.5°	4828.7	5321.5	5819.9	6320.2	6886.7	7571.5	8264.5	8910.0	9303.7	9618.9	9854.9
-30°	4570.2	5013.4	5474.6	5948.1	6479.8	7097.3	7745.6	8288.3	8703.6	9009.8	9228.8
-32.5°	4290.0	4710.6	5119.1	5561.8	6062.4	6606.6	7175.5	7691.7	8135.5	8415.9	8600.6
-35°	4003.0	4410.1	4784.1	5185.9	5627.4	6097.0	6622.2	7131.4	7569.5	7791.5	7971.4
-37.5°	3704.1	4110.0	4464.5	4800.2	5180.6	5615.5	6126.9	6612.8	6991.4	7182.2	7344.3
-40°	3444.1	3801.5	4120.6	4441.8	4751.1	5137.3	5614.6	6084.9	6388.7	6574.6	6725.3
-42.5°	3191.8	3493.3	3754.6	4042.5	4352.0	4732.8	5117.9	5512.3	5756.4	5962.8	6121.4
-45°	2897.9	3167.4	3412.4	3651.9	3934.2	4281.8	4631.6	4947.5	5176.2	5375.6	5530.1
-47.5°	2572.9	2833.0	3071.0	3285.1	3547.4	3837.4	4131.9	4394.8	4620.6	4817.7	4955.6
-50°	2269.9	2502.4	2734.7	2951.4	3178.7	3413.3	3652.2	3883.0	4097.3	4288.8	4406.1
-52.5°	1998.5	2213.0	2416.1	2605.5	2804.4	3002.6	3200.5	3411.8	3609.0	3790.3	3884.0
-55°	1753.0	1946.4	2129.6	2289.2	2448.8	2606.0	2775.6	2970.7	3152.4	3320.2	3387.5
-57.5°	1532.6	1698.1	1860.3	1995.2	2125.5	2250.6	2399.5	2564.2	2723.1	2867.0	2922.0
-60°	1329.9	1461.2	1596.8	1716.5	1830.1	1937.3	2067.2	2199.8	2328.7	2437.2	2484.0
-62.5°	1143.4	1255.7	1358.4	1455.8	1552.0	1648.5	1753.3	1858.5	1962.6	2046.2	2088.5
-65°	963.6	1053.0	1135.6	1215.6	1293.3	1374.3	1456.4	1536.3	1613.4	1673.1	1709.8
-67.5°	794.8	862.8	928.3	990.7	1055.7	1121.4	1185.6	1246.8	1304.7	1350.8	1385.9
-70°	645.2	697.8	749.1	800.7	855.0	906.1	954.4	1000.2	1043.3	1076.5	1103.5
-72.5°	520.1	562.8	607.0	653.5	697.4	735.6	770.3	803.8	835.8	854.6	868.7
-75°	419.3	455.2	493.8	531.4	568.0	597.0	622.5	647.2	670.9	672.2	667.5
-77.5°	338.7	370.8	400.6	430.2	459.4	477.3	493.0	509.0	525.3	515.9	501.0
-80°	248.6	275.4	300.7	326.1	351.5	362.1	369.5	375.9	381.3	369.0	353.8
-82.5°	165.0	181.9	198.3	215.1	232.0	238.8	243.9	248.0	251.4	240.2	227.4
-85°	92.1	100.2	108.1	116.1	124.2	128.9	133.3	137.2	140.9	134.3	126.8
-87.5°	38.3	40.1	41.9	43.7	45.4	47.1	48.7	50.3	51.9	52.1	52.3
-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: P627410 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	30.3
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°	1.6	0.3	0.0	0.0	0.0	0.3	1.6	2.7	3.5	3.9	3.8
62.5°	9.6	10.0	10.4	10.5	10.4	10.0	9.6	9.2	8.9	9.3	10.0
60°	18.6	16.3	15.7	15.8	15.7	16.3	18.6	20.2	20.9	30.6	35.9
57.5°	145.9	124.9	128.1	142.1	128.1	124.9	145.9	158.0	158.8	184.4	185.4
55°	681.9	761.2	789.3	773.8	789.3	761.2	681.9	598.0	518.0	493.2	493.4
52.5°	923.9	956.4	969.0	968.5	969.0	956.4	923.9	880.3	825.1	770.7	717.4
50°	1202.8	1191.8	1174.8	1158.0	1174.8	1191.8	1202.8	1190.2	1148.8	1068.2	939.2
47.5°	2007.3	1972.6	1957.9	1984.5	1957.9	1972.6	2007.3	1984.7	1830.2	1629.7	1481.8
45°	2667.5	2708.3	2738.7	2737.2	2738.7	2708.3	2667.5	2633.3	2465.7	2236.1	2000.4
42.5°	3043.4	3065.1	3071.4	3063.5	3071.4	3065.1	3043.4	3005.5	2811.7	2566.5	2296.4
40°	3378.4	3404.3	3418.8	3432.0	3418.8	3404.3	3378.4	3328.5	3169.7	2941.3	2687.3
37.5°	3872.3	3881.8	3861.1	3847.8	3861.1	3881.8	3872.3	3840.8	3745.5	3453.8	3247.4
35°	5083.1	5107.9	5050.5	5111.1	5050.5	5107.9	5083.1	4958.9	4811.6	4638.8	4168.9
32.5°	6244.4	6360.6	6454.6	6532.4	6454.6	6360.6	6244.4	6125.7	6026.0	5692.5	5078.1
30°	6902.2	6977.1	7017.4	7027.2	7017.4	6977.1	6902.2	6809.7	6677.3	6250.9	5682.8
27.5°	7385.1	7463.7	7512.7	7548.3	7512.7	7463.7	7385.1	7299.7	7145.1	6710.1	6152.4
25°	7850.6	7922.5	7971.4	7990.4	7971.4	7922.5	7850.6	7763.7	7574.2	7206.6	6657.3
22.5°	8333.7	8383.6	8430.6	8453.7	8430.6	8383.6	8333.7	8232.0	8026.5	7733.1	7151.1
20°	9026.1	8999.0	9041.8	9027.4	9041.8	8999.0	9026.1	8870.6	8654.1	8348.4	7786.4
17.5°	10437.2	10451.8	10480.5	10527.6	10480.5	10451.8	10437.2	10230.9	9966.4	9690.3	8908.5
15°	12211.8	12247.6	12429.1	12591.0	12429.1	12247.6	12211.8	12012.3	11562.0	11163.6	10271.5
12.5°	12981.7	13105.2	13124.4	13170.0	13124.4	13105.2	12981.7	12700.3	12397.1	11889.0	11079.5
10°	13238.5	13452.5	13447.9	13501.6	13447.9	13452.5	13238.5	12993.8	12746.3	12312.7	11465.3
7.5°	13433.4	13663.2	13760.4	13801.7	13760.4	13663.2	13433.4	13267.6	13023.2	12603.2	11736.7
5°	13671.4	13797.8	13965.4	13917.5	13965.4	13797.8	13671.4	13463.2	13154.2	12707.8	11917.8
2.5°	13771.2	13969.1	13923.4	13970.1	13923.4	13969.1	13771.2	13490.4	13206.2	12847.1	12155.8
0°	13838.5	13980.6	14001.7	14049.1	14001.7	13980.6	13838.5	13559.5	13270.0	12922.6	12222.5
-2.5°	13756.9	13882.0	14101.0	14033.3	14101.0	13882.0	13756.9	13500.9	13225.5	12874.9	12245.1
-5°	13685.3	13993.2	13873.6	14022.8	13873.6	13993.2	13685.3	13412.8	13138.9	12759.9	12101.1
-7.5°	13648.4	13703.4	13782.8	13896.4	13782.8	13703.4	13648.4	13338.2	13038.6	12638.9	11971.5
-10°	13362.7	13419.0	13564.7	13643.8	13564.7	13419.0	13362.7	13220.6	12871.3	12447.0	11808.3
-12.5°	13052.9	13161.8	13315.0	13364.8	13315.0	13161.8	13052.9	12895.2	12645.6	12182.8	11547.8
-15°	12695.9	12857.8	13007.1	13038.4	13007.1	12857.8	12695.9	12509.8	12233.9	11857.3	11233.8
-17.5°	12242.0	12436.2	12593.1	12627.8	12593.1	12436.2	12242.0	12033.5	11762.5	11426.1	10917.8
-20°	11741.9	11927.9	12061.3	12101.5	12061.3	11927.9	11741.9	11523.5	11267.5	10944.3	10465.3



REPORT NUMBER: P627410 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	11206.5	11373.9	11486.6	11469.8	11486.6	11373.9	11206.5	10989.7	10753.1	10458.7	9943.7
-25°	10638.0	10793.4	10900.8	10885.5	10900.8	10793.4	10638.0	10448.7	10214.2	9901.4	9440.1
-27.5°	10037.0	10184.2	10287.4	10290.7	10287.4	10184.2	10037.0	9854.9	9618.9	9303.7	8910.0
-30°	9405.4	9539.1	9623.0	9590.6	9623.0	9539.1	9405.4	9228.8	9009.8	8703.6	8288.3
-32.5°	8754.1	8875.1	8951.9	8974.8	8951.9	8875.1	8754.1	8600.6	8415.9	8135.5	7691.7
-35°	8111.7	8218.3	8284.6	8301.0	8284.6	8218.3	8111.7	7971.4	7791.5	7569.5	7131.4
-37.5°	7473.3	7565.1	7611.4	7590.4	7611.4	7565.1	7473.3	7344.3	7182.2	6991.4	6612.8
-40°	6842.5	6929.8	6982.9	6995.6	6982.9	6929.8	6842.5	6725.3	6574.6	6388.7	6084.9
-42.5°	6222.3	6294.9	6341.5	6363.9	6341.5	6294.9	6222.3	6121.4	5962.8	5756.4	5512.3
-45°	5620.4	5685.3	5729.0	5753.3	5729.0	5685.3	5620.4	5530.1	5375.6	5176.2	4947.5
-47.5°	5034.8	5091.7	5129.5	5148.0	5129.5	5091.7	5034.8	4955.6	4817.7	4620.6	4394.8
-50°	4474.8	4524.1	4559.2	4579.5	4559.2	4524.1	4474.8	4406.1	4288.8	4097.3	3883.0
-52.5°	3943.6	3986.7	4016.7	4032.1	4016.7	3986.7	3943.6	3884.0	3790.3	3609.0	3411.8
-55°	3436.5	3471.5	3499.2	3516.2	3499.2	3471.5	3436.5	3387.5	3320.2	3152.4	2970.7
-57.5°	2963.7	2992.2	3018.5	3037.2	3018.5	2992.2	2963.7	2922.0	2867.0	2723.1	2564.2
-60°	2521.0	2547.9	2570.3	2584.5	2570.3	2547.9	2521.0	2484.0	2437.2	2328.7	2199.8
-62.5°	2121.5	2145.4	2165.8	2179.2	2165.8	2145.4	2121.5	2088.5	2046.2	1962.6	1858.5
-65°	1738.6	1760.0	1775.2	1784.4	1775.2	1760.0	1738.6	1709.8	1673.1	1613.4	1536.3
-67.5°	1415.8	1440.4	1445.3	1442.3	1445.3	1440.4	1415.8	1385.9	1350.8	1304.7	1246.8
-70°	1127.6	1148.5	1153.4	1152.8	1153.4	1148.5	1127.6	1103.5	1076.5	1043.3	1000.2
-72.5°	881.7	893.1	883.4	868.5	883.4	893.1	881.7	868.7	854.6	835.8	803.8
-75°	661.6	654.4	644.2	631.7	644.2	654.4	661.6	667.5	672.2	670.9	647.2
-77.5°	484.6	466.7	455.0	442.2	455.0	466.7	484.6	501.0	515.9	525.3	509.0
-80°	337.4	319.8	307.7	294.8	307.7	319.8	337.4	353.8	369.0	381.3	375.9
-82.5°	213.7	199.2	191.9	184.2	191.9	199.2	213.7	227.4	240.2	251.4	248.0
-85°	118.7	110.1	105.2	100.0	105.2	110.1	118.7	126.8	134.3	140.9	137.2
-87.5°	52.4	52.5	50.0	47.4	50.0	52.5	52.4	52.3	52.1	51.9	50.3
-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):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	29.0	27.6	26.3	25.0	23.7	22.4	21.1	19.8	18.5	17.1	15.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.2	0.1	0.0	0.0	0.5	0.7	0.3	0.0	0.6
67.5°	0.0	0.0	0.9	2.2	2.8	2.7	2.4	2.7	3.1	2.9	2.7
65°	3.2	2.0	1.3	2.6	4.0	5.3	5.6	4.9	4.8	5.5	6.5
62.5°	10.6	11.1	9.6	8.0	6.9	7.7	8.4	9.0	7.8	6.3	8.2
60°	31.7	19.3	28.1	30.1	23.9	20.7	31.1	29.6	15.4	13.3	12.0
57.5°	152.7	127.8	140.2	127.4	87.2	76.1	78.9	75.3	68.1	41.7	17.8
55°	526.4	451.1	354.3	306.1	294.8	225.5	168.1	140.3	127.3	91.8	60.9
52.5°	668.7	621.6	548.4	447.5	393.7	373.5	319.3	255.5	202.9	162.3	116.5
50°	838.4	850.9	775.8	636.2	581.0	521.2	468.6	394.7	328.2	263.2	194.3
47.5°	1367.6	1274.0	1198.6	1094.4	896.6	770.3	687.3	566.3	475.1	396.5	311.5
45°	1823.5	1716.3	1642.6	1480.9	1270.7	1075.3	944.9	793.3	631.8	526.6	449.5
42.5°	2147.3	2008.4	1887.5	1755.6	1554.7	1334.3	1155.4	1005.4	835.7	665.2	562.5
40°	2464.1	2244.1	2124.1	2006.1	1816.8	1569.5	1430.1	1209.8	1032.6	843.6	703.3
37.5°	2936.6	2562.6	2520.2	2406.5	2192.4	1935.2	1778.3	1560.9	1232.3	1054.1	892.9
35°	3735.2	3349.8	3127.4	3015.9	2738.3	2410.6	2152.3	1949.4	1623.3	1272.4	1086.6
32.5°	4615.2	4127.5	3789.9	3630.9	3332.9	2888.2	2569.7	2311.5	1984.3	1587.1	1289.2
30°	5112.0	4667.3	4260.7	3988.8	3699.2	3317.0	2951.5	2586.8	2231.6	1903.0	1508.7
27.5°	5574.4	5019.9	4581.6	4274.8	4003.6	3636.1	3231.7	2840.8	2450.4	2125.7	1774.0
25°	6015.0	5400.6	4922.8	4562.5	4247.2	3956.2	3499.1	3072.1	2664.8	2306.0	2030.9
22.5°	6425.4	5855.1	5304.6	4833.5	4566.4	4254.1	3803.3	3286.1	2888.2	2586.4	2262.7
20°	7101.3	6462.8	5765.8	5358.2	5109.7	4627.3	4117.2	3605.8	3240.4	2894.8	2514.0
17.5°	8215.4	7418.7	6585.3	6148.8	5797.0	5205.2	4555.3	4047.9	3591.8	3206.6	2787.5
15°	9435.2	8409.6	7583.8	7020.0	6462.6	5769.5	5017.2	4469.1	3950.7	3517.4	3038.8
12.5°	10038.1	9061.7	8331.2	7536.6	6817.6	6189.5	5477.7	4873.3	4285.0	3720.3	3194.3
10°	10397.8	9427.5	8601.2	7808.1	7087.4	6483.0	5821.9	5105.9	4452.3	3854.7	3324.0
7.5°	10677.6	9677.9	8797.8	8008.3	7278.0	6640.5	6007.7	5257.1	4586.0	3963.3	3428.0
5°	10871.2	9873.0	8980.6	8182.3	7413.5	6753.4	6145.7	5371.6	4685.7	4045.7	3507.1
2.5°	11070.9	10024.4	9095.1	8294.7	7499.9	6825.0	6229.2	5459.0	4766.7	4106.9	3572.9
0°	11148.7	10111.8	9174.8	8353.6	7548.3	6853.5	6253.4	5516.5	4821.6	4142.6	3616.2
-2.5°	11198.8	10140.4	9206.1	8391.8	7612.4	6898.5	6280.6	5581.0	4839.0	4181.1	3628.3
-5°	11122.8	10106.7	9179.8	8360.2	7613.7	6902.0	6261.6	5590.5	4834.6	4191.4	3619.0
-7.5°	11029.5	10017.6	9080.2	8276.3	7558.8	6854.4	6205.0	5548.7	4818.1	4174.6	3601.1
-10°	10871.8	9875.5	8983.2	8188.9	7462.3	6753.0	6122.5	5469.3	4764.3	4126.8	3559.3
-12.5°	10661.3	9696.0	8814.7	8029.2	7332.2	6648.6	6031.1	5359.5	4672.5	4047.2	3493.1
-15°	10383.3	9461.1	8606.2	7840.5	7166.3	6512.8	5895.7	5238.1	4583.0	3949.1	3402.3
-17.5°	10079.0	9151.3	8309.4	7588.0	6948.5	6328.9	5723.5	5110.6	4479.8	3857.1	3320.6
-20°	9733.7	8822.6	7988.5	7289.3	6685.9	6098.9	5539.0	4967.9	4336.6	3751.3	3234.8



REPORT NUMBER: P627410 (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°
-22.5°	9236.7	8431.9	7667.2	6981.7	6404.8	5867.5	5328.3	4776.1	4150.9	3618.7	3117.9
-25°	8745.4	7997.0	7309.7	6679.6	6122.5	5612.3	5087.8	4540.4	3985.6	3463.0	2975.1
-27.5°	8264.5	7571.5	6886.7	6320.2	5819.9	5321.5	4828.7	4310.8	3800.1	3287.8	2840.8
-30°	7745.6	7097.3	6479.8	5948.1	5474.6	5013.4	4570.2	4086.7	3584.1	3098.0	2696.0
-32.5°	7175.5	6606.6	6062.4	5561.8	5119.1	4710.6	4290.0	3831.6	3335.1	2920.6	2528.3
-35°	6622.2	6097.0	5627.4	5185.9	4784.1	4410.1	4003.0	3544.0	3108.0	2719.0	2339.2
-37.5°	6126.9	5615.5	5180.6	4800.2	4464.5	4110.0	3704.1	3296.8	2886.8	2494.7	2163.2
-40°	5614.6	5137.3	4751.1	4441.8	4120.6	3801.5	3444.1	3065.5	2661.0	2277.9	1990.5
-42.5°	5117.9	4732.8	4352.0	4042.5	3754.6	3493.3	3191.8	2809.5	2437.7	2105.0	1828.8
-45°	4631.6	4281.8	3934.2	3651.9	3412.4	3167.4	2897.9	2550.4	2216.5	1930.8	1670.4
-47.5°	4131.9	3837.4	3547.4	3285.1	3071.0	2833.0	2572.9	2278.6	2004.8	1747.4	1516.7
-50°	3652.2	3413.3	3178.7	2951.4	2734.7	2502.4	2269.9	2032.3	1788.1	1563.8	1354.5
-52.5°	3200.5	3002.6	2804.4	2605.5	2416.1	2213.0	1998.5	1787.2	1572.4	1384.9	1198.0
-55°	2775.6	2606.0	2448.8	2289.2	2129.6	1946.4	1753.0	1562.6	1391.2	1219.0	1066.6
-57.5°	2399.5	2250.6	2125.5	1995.2	1860.3	1698.1	1532.6	1371.7	1229.5	1087.0	945.9
-60°	2067.2	1937.3	1830.1	1716.5	1596.8	1461.2	1329.9	1202.4	1079.5	963.2	841.7
-62.5°	1753.3	1648.5	1552.0	1455.8	1358.4	1255.7	1143.4	1040.6	945.3	847.4	737.4
-65°	1456.4	1374.3	1293.3	1215.6	1135.6	1053.0	963.6	882.3	804.4	724.9	629.9
-67.5°	1185.6	1121.4	1055.7	990.7	928.3	862.8	794.8	727.0	663.5	598.7	521.5
-70°	954.4	906.1	855.0	800.7	749.1	697.8	645.2	590.3	532.3	479.4	426.5
-72.5°	770.3	735.6	697.4	653.5	607.0	562.8	520.1	477.3	433.2	387.9	341.8
-75°	622.5	597.0	568.0	531.4	493.8	455.2	419.3	382.5	342.2	298.3	255.4
-77.5°	493.0	477.3	459.4	430.2	400.6	370.8	338.7	298.6	257.6	217.1	181.7
-80°	369.5	362.1	351.5	326.1	300.7	275.4	248.6	213.5	178.7	146.0	119.7
-82.5°	243.9	238.8	232.0	215.1	198.3	181.9	165.0	140.6	117.3	95.2	75.7
-85°	133.3	128.9	124.2	116.1	108.1	100.2	92.1	78.6	66.0	54.2	43.7
-87.5°	48.7	47.1	45.4	43.7	41.9	40.1	38.3	34.3	30.5	26.8	23.2
-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: P627410 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-740-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°	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	14.5	13.2	11.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.8	2.8
85°	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.3	0.9	1.6
82.5°	0.0	0.0	0.0	0.1	0.9	1.4	1.6	1.4	0.8	0.1	0.4
80°	0.0	0.0	0.0	0.2	1.3	2.8	3.5	3.6	2.8	1.9	1.0
77.5°	0.0	0.0	0.0	0.1	0.5	1.5	3.0	4.8	4.8	3.7	2.6
75°	0.0	0.0	0.0	0.2	0.4	0.1	1.1	2.8	4.3	5.2	4.2
72.5°	0.0	0.0	0.0	0.7	1.4	1.5	0.9	0.9	3.1	4.5	5.2
70°	0.8	0.3	0.0	0.9	2.2	3.2	3.0	2.4	2.0	3.9	5.0
67.5°	2.5	2.7	2.0	1.5	2.4	3.7	4.9	4.7	4.1	3.4	4.9
65°	6.1	5.7	5.2	4.6	4.0	3.9	5.2	6.5	6.1	5.3	4.8
62.5°	9.2	9.1	8.5	7.7	6.8	5.9	5.5	7.3	8.0	7.1	6.0
60°	11.8	12.4	11.8	10.7	9.7	8.6	7.8	8.3	9.2	8.9	7.5
57.5°	16.4	15.9	15.7	14.2	12.6	11.2	10.6	10.3	10.6	10.4	9.1
55°	28.9	20.1	20.2	18.7	16.1	13.9	13.3	12.8	12.2	12.0	10.6
52.5°	73.1	40.6	26.1	24.1	20.9	17.2	16.0	15.3	14.5	13.7	12.2
50°	135.0	87.4	49.5	31.1	26.4	22.5	18.7	17.8	16.7	15.6	13.7
47.5°	216.1	150.3	97.7	49.0	34.2	28.2	23.4	20.2	19.0	17.6	15.2
45°	332.9	221.4	153.5	97.0	45.5	38.9	29.0	22.7	21.2	19.4	16.6
42.5°	463.1	324.9	215.4	146.5	87.0	53.9	34.7	27.5	23.3	21.4	18.2
40°	590.9	449.0	289.3	202.0	131.2	72.2	49.9	32.8	25.5	23.5	20.0
37.5°	732.2	580.3	405.3	261.3	176.3	110.2	68.4	38.2	29.0	25.7	21.9
35°	907.0	725.9	521.3	348.1	233.5	145.5	88.9	48.7	35.6	28.0	23.8
32.5°	1081.6	871.3	646.7	449.0	293.3	178.0	115.7	69.5	43.4	30.4	25.8
30°	1257.3	1004.5	764.8	542.4	362.1	230.2	144.5	89.7	52.2	32.9	27.8
27.5°	1415.6	1130.2	875.4	640.0	442.7	285.3	174.6	109.3	62.1	37.2	29.8
25°	1594.2	1266.0	984.2	733.4	516.5	342.8	205.5	128.4	76.5	44.8	31.9
22.5°	1824.2	1405.6	1085.0	818.0	589.5	397.7	245.3	153.8	92.3	52.9	33.9
20°	2052.8	1541.9	1183.8	924.0	668.9	459.5	291.2	179.0	107.4	61.2	36.0
17.5°	2277.2	1716.7	1327.5	1032.2	753.9	517.4	334.2	203.7	121.5	69.7	38.0
15°	2478.3	1916.8	1468.8	1134.7	837.2	570.8	373.9	227.7	134.8	78.2	40.7
12.5°	2647.2	2089.4	1601.9	1230.5	917.3	619.7	410.2	250.8	147.1	87.7	44.3
10°	2786.8	2235.4	1725.2	1319.0	993.1	663.6	442.9	273.8	161.5	97.7	48.2
7.5°	2898.3	2355.9	1837.4	1399.5	1061.8	704.7	478.1	298.1	175.4	107.3	52.1
5°	2982.2	2450.0	1924.2	1457.1	1116.5	742.5	510.5	320.5	188.3	116.2	56.0
2.5°	3036.7	2519.2	1988.5	1502.3	1161.0	774.3	539.0	340.5	200.1	124.4	59.7
0°	3068.8	2568.7	2037.1	1537.0	1194.9	800.1	563.2	357.9	210.6	131.6	63.2
-2.5°	3097.5	2601.1	2079.6	1597.5	1218.2	842.3	578.7	373.6	227.2	136.8	69.6
-5°	3106.9	2615.4	2107.3	1644.2	1232.3	876.6	589.6	386.4	241.8	141.0	75.5
-7.5°	3090.9	2606.9	2117.1	1670.7	1238.9	900.7	595.9	396.5	253.7	144.3	80.6
-10°	3055.3	2578.7	2104.2	1662.7	1247.8	908.3	599.6	403.8	262.3	146.8	84.9
-12.5°	3002.5	2536.1	2076.6	1645.1	1246.2	903.5	609.5	409.6	266.8	148.4	88.0
-15°	2933.4	2480.3	2034.3	1619.0	1231.3	892.6	612.0	411.7	266.3	151.5	90.0
-17.5°	2852.0	2412.7	1977.6	1585.8	1202.1	876.3	606.4	409.1	263.6	156.0	91.9
-20°	2770.5	2337.6	1910.4	1546.5	1158.0	855.0	592.3	401.6	258.8	159.0	93.8

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Peachtree City, GA 30269

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REPORT NUMBER: P627410 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-740-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°	2674.9	2251.3	1852.3	1491.7	1110.4	829.3	569.3	388.9	251.8	160.3	94.6
-25°	2565.1	2150.6	1782.4	1416.5	1072.8	800.4	545.4	370.6	242.9	159.8	94.3
-27.5°	2441.0	2043.1	1700.2	1334.0	1033.8	759.9	522.8	357.3	235.3	157.6	92.9
-30°	2302.6	1941.8	1601.9	1254.6	986.1	716.2	493.3	342.4	231.9	154.6	90.3
-32.5°	2153.3	1827.7	1496.1	1194.2	931.9	670.8	467.2	325.5	226.1	150.9	90.4
-35°	2013.3	1703.6	1388.3	1124.4	874.4	643.9	449.7	306.8	218.0	145.6	90.9
-37.5°	1863.4	1573.5	1302.8	1051.6	813.9	613.0	435.6	298.4	207.4	138.9	90.6
-40°	1719.2	1450.1	1203.9	982.3	769.0	578.3	413.4	289.0	197.3	130.7	89.4
-42.5°	1573.3	1334.0	1109.3	906.9	726.8	544.6	384.9	274.7	189.1	126.0	87.3
-45°	1438.9	1214.2	1008.7	841.1	679.8	501.6	363.0	256.7	179.0	122.6	85.5
-47.5°	1297.6	1092.1	916.8	769.1	618.4	454.8	335.2	242.5	166.9	118.2	84.3
-50°	1151.8	976.6	830.7	690.0	543.2	415.7	305.4	225.6	162.6	114.7	82.2
-52.5°	1024.3	875.1	742.8	608.6	486.4	370.1	282.8	207.5	156.8	111.8	79.3
-55°	914.4	778.5	656.1	541.9	432.3	336.5	257.3	198.8	149.7	108.1	75.7
-57.5°	817.3	689.0	585.0	482.4	387.2	304.1	239.2	188.5	142.2	103.0	72.5
-60°	722.9	617.6	520.3	428.9	345.1	276.2	225.2	176.7	133.4	96.6	69.0
-62.5°	635.6	542.9	458.3	375.7	307.3	253.4	209.1	163.0	122.9	88.6	64.2
-65°	544.1	465.1	393.6	328.7	273.1	226.8	188.3	147.3	109.0	78.9	58.2
-67.5°	449.0	391.0	335.2	281.1	235.6	196.8	164.4	126.6	92.8	67.7	51.1
-70°	373.9	322.9	275.6	233.1	196.1	164.4	134.3	102.3	74.8	58.0	43.5
-72.5°	297.6	256.0	217.3	183.5	157.1	130.2	102.8	78.3	62.1	47.8	35.6
-75°	220.3	192.2	166.9	143.4	119.6	96.1	78.4	62.3	48.9	37.2	30.0
-77.5°	159.9	139.6	120.9	106.1	89.7	74.1	59.2	45.7	37.0	30.9	25.2
-80°	108.6	97.9	87.7	77.3	64.1	51.6	42.7	35.2	29.9	24.9	20.3
-82.5°	68.4	62.7	57.6	52.4	44.7	37.8	31.7	26.5	22.5	18.8	16.5
-85°	40.6	37.5	34.6	31.6	27.4	23.6	21.8	20.2	18.5	16.7	15.0
-87.5°	22.9	22.5	22.2	21.8	20.7	19.7	18.8	18.0	16.5	15.0	13.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	2.6	4.0



REPORT NUMBER: P627410 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	10.5	9.2	7.9	6.6	5.3	5.3	5.3
87.5°	3.9	4.4	4.8	5.1	5.3	5.3	5.3
85°	2.6	3.6	4.4	5.0	5.3	5.3	5.3
82.5°	1.2	2.8	3.9	4.8	5.3	5.3	5.3
80°	0.3	2.0	3.5	4.6	5.3	5.3	5.3
77.5°	1.6	1.8	3.1	4.5	5.3	5.3	5.3
75°	3.0	2.6	2.9	4.4	5.3	5.3	5.3
72.5°	4.2	3.4	3.4	4.3	5.3	5.3	5.3
70°	5.3	4.2	3.8	4.2	5.3	5.3	5.3
67.5°	5.5	5.0	4.2	4.4	5.3	5.3	5.3
65°	5.7	5.5	4.6	4.6	5.3	5.3	5.3
62.5°	5.9	5.9	5.0	4.8	5.3	5.3	5.3
60°	6.3	6.3	5.3	4.9	5.3	5.3	5.3
57.5°	7.5	6.8	5.8	5.0	5.4	5.3	5.3
55°	8.8	7.4	6.3	5.1	5.4	5.3	5.3
52.5°	10.1	8.1	6.9	5.2	5.5	5.3	5.3
50°	11.4	9.1	7.4	5.3	5.6	5.3	5.3
47.5°	12.7	10.2	8.0	5.4	5.8	5.3	5.3
45°	13.9	11.2	8.7	5.9	5.9	5.3	5.3
42.5°	15.1	12.2	9.3	6.4	6.1	5.3	5.3
40°	16.3	13.2	10.0	7.0	6.3	5.3	5.3
37.5°	17.5	14.1	10.8	7.7	6.5	5.3	5.3
35°	18.6	15.1	11.5	8.4	6.7	5.3	5.3
32.5°	19.8	15.9	12.2	9.0	6.9	5.3	5.3
30°	21.4	16.8	12.9	9.7	7.2	5.3	5.3
27.5°	22.9	17.6	13.8	10.3	7.5	5.3	5.3
25°	24.5	18.4	14.6	10.9	7.7	5.3	5.3
22.5°	26.0	19.2	15.4	11.5	8.0	5.3	5.3
20°	27.5	20.2	16.2	12.1	8.3	5.3	5.3
17.5°	29.0	21.1	16.9	12.7	8.6	5.3	5.3
15°	30.5	22.0	17.6	13.2	8.9	5.3	5.3
12.5°	31.8	22.8	18.3	13.7	9.2	5.3	5.3
10°	33.1	23.6	18.9	14.2	9.5	5.3	5.3
7.5°	34.2	24.3	19.5	14.6	9.7	5.3	5.3
5°	35.2	25.0	20.1	15.0	10.0	5.3	5.3
2.5°	36.0	25.7	20.6	15.4	10.3	5.3	5.3
0°	36.8	26.3	21.1	15.8	10.5	5.3	5.3
-2.5°	38.8	26.9	21.5	15.8	10.5	5.3	5.3
-5°	40.7	27.4	21.9	15.7	10.5	5.3	5.3
-7.5°	42.4	27.8	22.2	15.7	10.4	5.3	5.3
-10°	43.7	28.2	22.5	15.6	10.3	5.3	5.3
-12.5°	44.7	28.6	22.6	15.4	10.3	5.3	5.3
-15°	45.4	28.9	22.7	15.3	10.1	5.3	5.3
-17.5°	45.6	29.1	22.7	15.1	10.0	5.3	5.3
-20°	46.8	29.3	22.5	14.8	9.9	5.3	5.3

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	49.8	29.4	22.3	14.6	9.7	5.3	5.3
-25°	52.3	31.3	21.9	14.3	9.5	5.3	5.3
-27.5°	54.2	33.8	21.3	14.0	9.3	5.3	5.3
-30°	55.5	35.9	20.8	13.7	9.1	5.3	5.3
-32.5°	56.3	37.6	21.6	13.3	8.9	5.3	5.3
-35°	57.8	39.0	22.1	12.9	8.6	5.3	5.3
-37.5°	59.3	39.9	22.5	12.5	8.3	5.3	5.3
-40°	60.2	40.2	22.7	12.1	8.1	5.3	5.3
-42.5°	60.6	40.2	22.8	11.8	7.8	5.3	5.3
-45°	60.3	39.9	22.9	11.9	7.4	5.3	5.3
-47.5°	59.4	39.3	22.8	11.8	7.1	5.3	5.3
-50°	58.1	38.4	22.4	11.7	6.8	5.3	5.3
-52.5°	56.5	37.2	21.7	11.4	6.4	5.3	5.3
-55°	54.5	35.7	20.7	11.1	6.1	5.3	5.3
-57.5°	52.1	33.7	19.6	10.7	5.7	5.3	5.3
-60°	49.2	31.4	18.2	10.3	5.3	5.3	5.3
-62.5°	45.2	28.8	17.2	9.7	5.3	5.3	5.3
-65°	40.8	25.8	16.1	9.1	5.3	5.3	5.3
-67.5°	35.9	23.2	14.9	8.4	5.3	5.3	5.3
-70°	30.5	21.0	13.5	7.6	5.3	5.3	5.3
-72.5°	27.0	18.8	12.0	7.4	5.3	5.3	5.3
-75°	23.5	16.4	10.5	7.4	5.3	5.3	5.3
-77.5°	19.8	13.8	10.0	7.3	5.3	5.3	5.3
-80°	16.0	12.4	9.6	7.2	5.3	5.3	5.3
-82.5°	14.5	11.7	9.2	7.1	5.3	5.3	5.3
-85°	13.2	10.9	8.8	6.9	5.3	5.3	5.3
-87.5°	11.9	10.1	8.4	6.8	5.3	5.3	5.3
-90°	5.3	5.3	5.3	5.3	5.3	5.3	5.3

(END OF REPORT)