

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: P645421 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA3C-735-U-LAM-VSR-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645421 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-22)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/4/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3C-735-U-LAM-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, LAMBERTIAN WITH VISOR
Light Source: (48) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

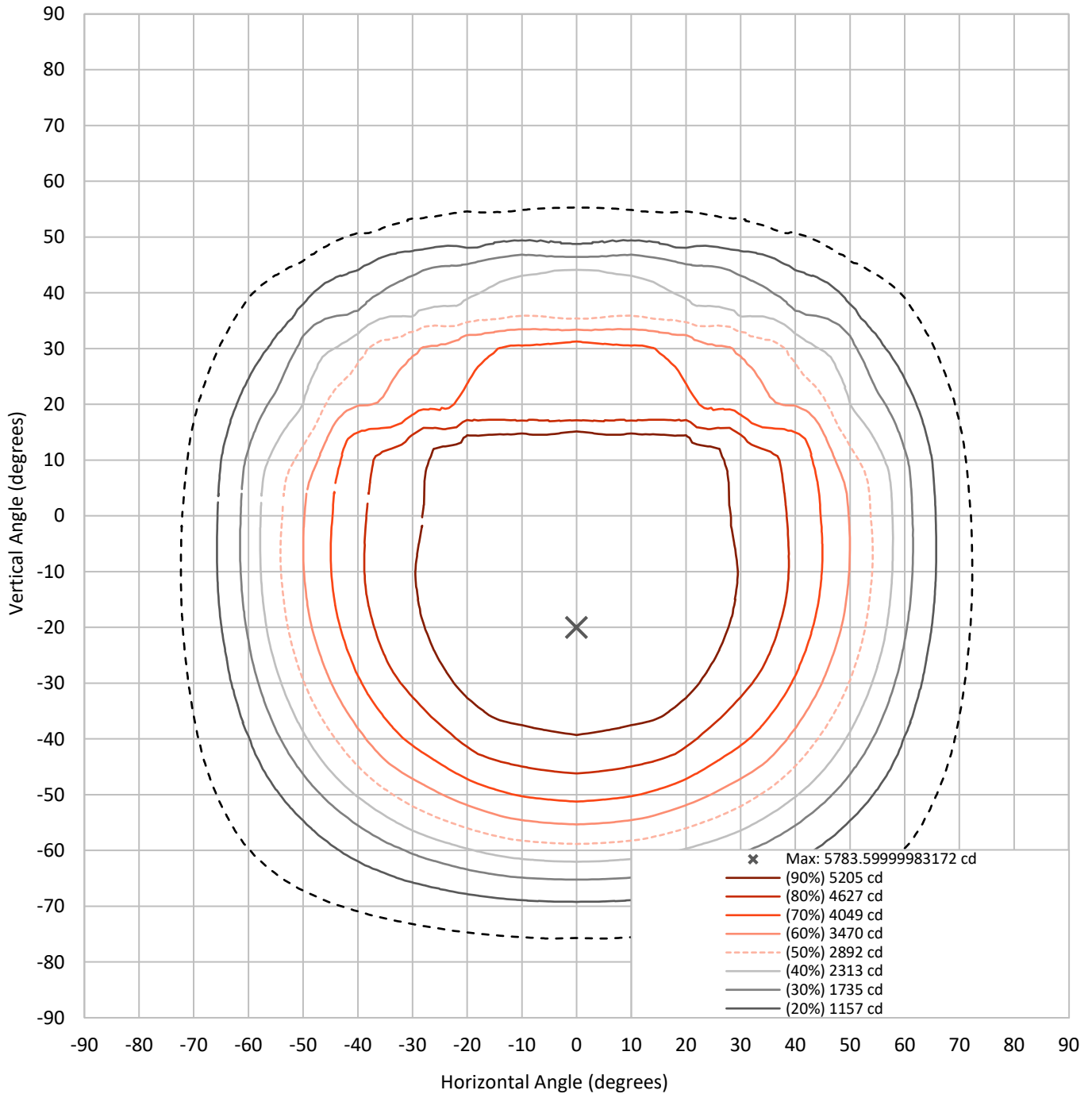
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	13561.4 lumens	Max Intensity:	5783.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -20°V
Efficacy:	111.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	105.6°H x 93.7°V	Field Angle (10%):	144°H x 131.2°V
Beam Lumens:	10601.5 lumens	Field Lumens:	13292.1 lumens
Beam Efficiency:	78.2%	Field Efficiency:	98.0%
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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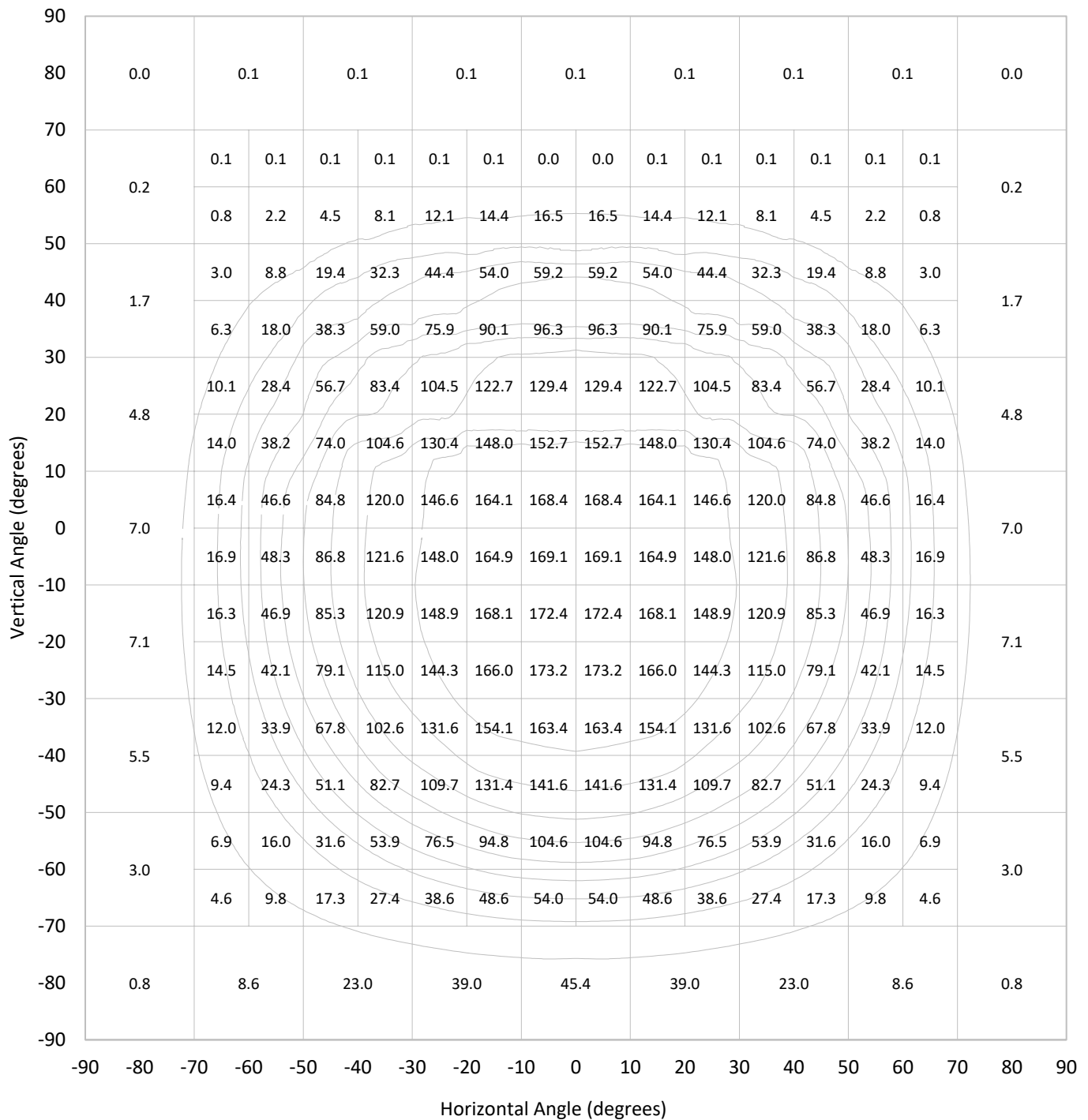
Iso-Candela Plot





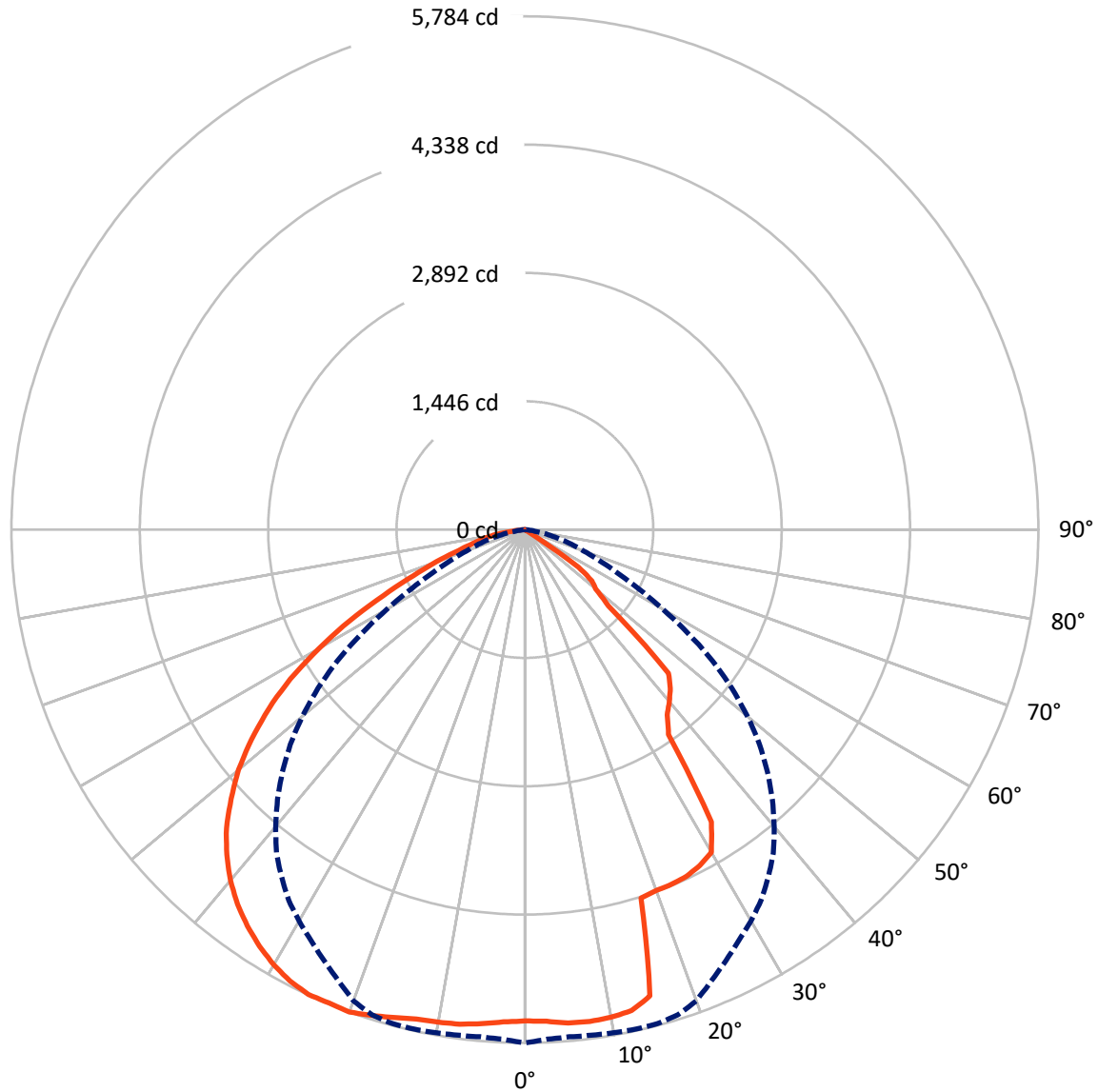
REPORT NUMBER: P645421 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table



REPORT NUMBER: P645421 (CONVERTED FROM TYPE C PHOTOMETRY)
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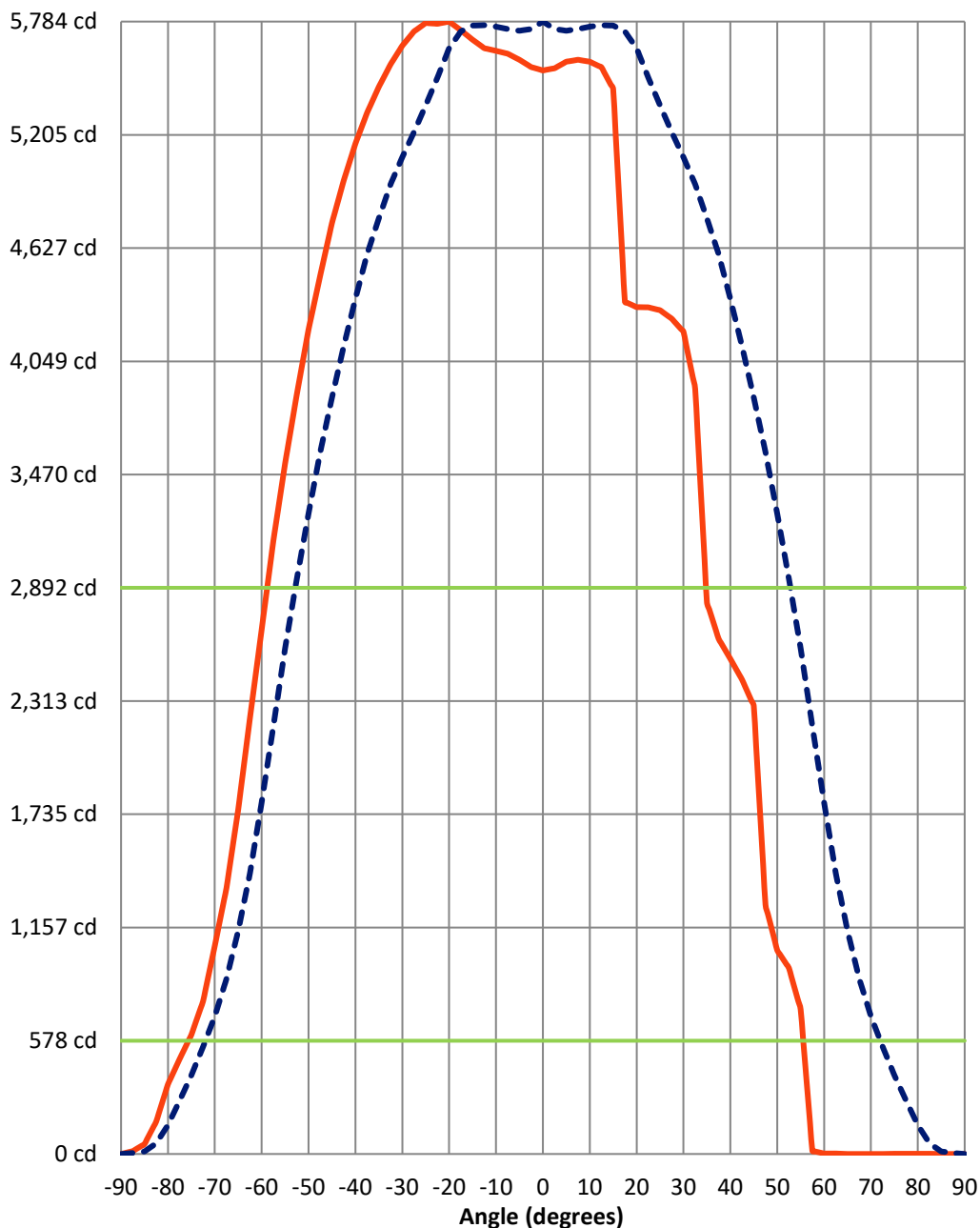
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through -20-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 105.6°
 V Angle: 93.7°
 Lumens: 10601.5
 Efficiency: 78.2%

Field:
 H Angle: 144°
 V Angle: 131.2°
 Lumens: 13292.1
 Efficiency: 98.0%

Spill:
 Lumens: 269.3
 Efficiency: 2.0%

— Vertical Distribution through 0-Deg
 - - - Horizontal Distribution through -20-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.6	0.6	0.5
85°	0.0	0.3	0.4	0.7	0.9	1.1	1.3	1.3	1.3	1.2	1.0
82.5°	0.0	0.4	0.7	1.0	1.3	1.6	1.9	2.0	1.9	1.5	1.2
80°	0.0	0.5	0.9	1.3	1.7	2.2	2.5	2.2	1.9	1.6	1.2
77.5°	0.0	0.7	1.1	1.6	2.2	2.5	2.5	2.2	1.9	1.6	1.3
75°	0.0	0.8	1.3	1.9	2.5	2.6	2.5	2.2	1.9	1.6	1.3
72.5°	0.0	0.9	1.5	2.2	2.6	2.7	2.6	2.3	2.0	1.6	1.3
70°	0.0	1.1	1.8	2.5	2.7	2.8	2.6	2.3	2.0	1.7	2.0
67.5°	0.0	1.2	2.0	2.6	2.9	2.9	2.9	2.3	2.1	2.7	2.8
65°	0.0	1.3	2.2	2.8	3.0	3.3	3.3	2.4	3.3	3.9	4.9
62.5°	0.0	1.5	2.4	2.9	3.1	4.1	3.9	3.3	4.6	6.8	10.8
60°	0.0	1.6	2.7	3.0	3.3	5.0	4.6	4.7	5.9	17.2	18.7
57.5°	0.0	1.7	2.8	3.1	4.2	6.0	8.5	6.6	16.8	29.1	33.9
55°	0.0	1.8	2.9	3.3	5.2	7.0	13.5	10.6	31.1	45.0	54.8
52.5°	0.0	2.0	3.1	3.4	6.3	9.0	19.3	27.0	46.8	70.6	79.4
50°	0.0	2.1	3.2	3.5	7.5	15.4	26.0	45.7	66.9	99.0	124.1
47.5°	0.0	2.2	3.4	3.9	8.6	22.2	35.0	65.3	96.3	130.4	169.8
45°	0.0	2.3	3.5	4.8	9.9	29.5	52.8	85.7	129.3	169.9	214.1
42.5°	0.0	2.4	3.7	5.7	11.1	37.2	71.1	111.7	162.9	208.4	265.2
40°	0.0	2.5	3.8	6.9	15.0	45.5	89.7	141.2	197.4	246.2	319.9
37.5°	0.0	2.6	4.0	8.4	21.4	54.1	108.8	170.8	233.7	291.6	377.0
35°	0.0	2.7	4.1	10.1	28.0	67.2	128.1	200.3	270.5	347.3	444.5
32.5°	0.0	2.8	4.3	11.9	34.6	82.5	149.0	229.8	307.8	403.4	526.6
30°	0.0	2.9	4.5	13.8	41.3	97.6	172.9	259.5	345.5	459.6	605.4
27.5°	0.0	3.0	4.6	15.9	49.5	112.5	196.4	290.5	386.8	515.7	680.6
25°	0.0	3.1	4.8	18.1	58.0	127.2	219.3	321.1	433.4	577.0	752.4
22.5°	0.0	3.2	4.9	20.4	66.4	142.2	241.5	351.3	479.2	638.3	825.1
20°	0.0	3.3	5.1	22.8	74.7	158.2	263.0	380.8	523.7	696.1	895.9
17.5°	0.0	3.4	5.3	25.2	82.9	173.8	284.3	409.5	566.8	750.4	964.6
15°	0.0	3.4	5.4	27.6	90.9	188.7	304.7	436.1	608.2	801.0	1030.6
12.5°	0.0	3.5	5.6	30.0	98.7	203.0	323.8	459.9	641.2	847.9	1093.3
10°	0.0	3.5	5.7	32.3	106.1	216.4	341.5	481.8	665.9	876.0	1144.4
7.5°	0.0	3.6	5.8	34.6	113.1	229.0	357.8	501.7	686.9	897.8	1174.2
5°	0.0	3.6	6.0	36.8	119.6	240.6	372.6	519.7	704.4	915.3	1198.5
2.5°	0.0	3.7	6.1	38.8	125.6	251.1	385.9	535.6	718.6	928.8	1217.1
0°	0.0	3.7	6.2	40.7	130.9	260.5	397.6	549.5	729.7	938.4	1229.8
-2.5°	0.0	3.9	7.2	43.4	135.9	266.4	403.4	557.6	733.7	950.5	1238.1
-5°	0.0	4.1	8.1	45.8	140.1	271.1	407.7	563.5	735.1	958.4	1240.8
-7.5°	0.0	4.3	9.0	48.0	143.6	274.5	410.4	567.2	734.1	961.6	1238.0
-10°	0.0	4.5	9.9	49.9	146.2	276.7	411.6	568.6	731.0	959.7	1230.1
-12.5°	0.0	4.7	10.8	51.5	147.9	277.6	411.4	567.6	725.9	951.9	1216.6
-15°	0.0	4.8	11.6	52.8	148.8	277.2	409.8	564.3	720.2	936.9	1197.1
-17.5°	0.0	4.9	12.3	53.7	148.7	275.5	406.8	557.5	713.2	918.0	1171.6
-20°	0.0	5.1	13.0	54.2	147.6	272.6	402.1	547.8	703.2	895.5	1140.1



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 CATALOG NUMBER: GFLD-SA3C-735-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	5.2	13.6	54.4	145.5	268.4	395.4	536.1	690.2	869.6	1102.8
-25°	0.0	5.2	14.2	54.1	142.4	262.0	387.1	522.6	674.2	840.4	1059.6
-27.5°	0.0	5.3	14.6	53.5	138.3	253.9	377.3	507.2	655.0	812.2	1021.3
-30°	0.0	5.3	15.0	52.4	133.1	244.8	365.9	490.0	634.1	788.3	980.4
-32.5°	0.0	5.4	15.3	50.8	127.0	234.5	353.0	474.2	612.0	760.7	936.6
-35°	0.0	5.4	15.5	48.9	120.3	223.2	339.0	457.5	588.0	729.4	890.2
-37.5°	0.0	5.3	15.6	46.4	112.9	211.9	324.0	439.0	562.3	694.4	844.4
-40°	0.0	5.3	15.6	43.5	104.8	201.6	307.9	418.8	535.0	661.4	799.1
-42.5°	0.0	5.2	15.5	40.4	98.7	190.6	290.6	396.9	508.6	626.5	750.4
-45°	0.0	5.1	15.3	37.2	94.5	178.8	272.2	374.2	481.6	589.3	700.0
-47.5°	0.0	5.0	15.1	33.6	89.6	166.4	252.8	351.5	452.6	550.2	656.3
-50°	0.0	4.8	14.7	32.4	83.9	153.4	236.6	327.8	420.6	514.4	610.5
-52.5°	0.0	4.6	14.2	31.8	77.5	139.7	220.3	302.9	390.0	477.5	563.6
-55°	0.0	4.4	13.7	30.8	70.4	129.3	203.5	277.8	359.3	439.6	522.0
-57.5°	0.0	4.2	13.0	29.5	62.7	118.8	186.0	257.8	327.6	403.2	479.4
-60°	0.0	4.0	12.3	27.8	54.5	107.3	168.2	235.7	295.8	366.5	436.8
-62.5°	0.0	3.7	11.5	25.8	50.6	94.9	152.0	211.7	266.4	328.8	395.2
-65°	0.0	3.5	10.7	23.6	46.2	81.7	134.6	186.8	235.2	291.0	352.5
-67.5°	0.0	3.2	9.8	21.0	41.3	70.6	116.1	162.0	202.5	251.5	306.5
-70°	0.0	2.9	8.9	18.2	35.9	61.8	96.6	136.7	173.1	210.2	257.5
-72.5°	0.0	2.5	7.9	16.1	30.1	52.3	81.7	110.8	143.1	176.0	209.2
-75°	0.0	2.2	6.9	14.0	24.0	42.2	66.8	89.3	112.7	141.3	170.2
-77.5°	0.0	1.8	5.8	11.8	19.8	31.7	51.1	69.0	87.6	107.7	130.7
-80°	0.0	1.5	4.7	9.5	16.0	24.1	34.9	48.3	62.7	78.3	95.1
-82.5°	0.0	1.1	3.5	7.2	12.1	18.2	25.6	31.0	37.5	48.5	60.3
-85°	0.0	0.8	2.4	4.8	8.1	12.2	17.2	20.7	24.4	28.3	32.3
-87.5°	0.0	0.4	1.2	2.4	4.1	6.1	8.6	10.4	12.2	14.2	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



REPORT NUMBER: P645421 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-735-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.9	0.9	1.0
85°	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
82.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
80°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
77.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
75°	1.2	1.2	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2
72.5°	1.4	1.6	1.5	1.4	1.2	1.2	1.2	1.2	1.2	1.2	1.2
70°	1.9	2.0	1.7	1.4	1.2	1.3	1.4	1.3	1.2	1.2	1.2
67.5°	2.4	2.1	1.8	1.7	1.7	1.9	1.8	1.5	1.2	1.2	1.2
65°	2.5	2.2	3.1	3.5	2.6	2.2	1.9	1.6	1.7	1.8	1.8
62.5°	3.7	4.6	5.9	10.5	7.8	2.3	4.1	4.8	3.6	2.9	3.1
60°	12.1	8.2	24.3	34.9	21.8	8.0	9.7	32.3	27.9	5.1	17.5
57.5°	25.4	34.8	64.1	65.3	45.1	31.1	90.5	104.6	79.2	46.2	70.7
55°	55.8	85.8	106.3	98.4	107.4	162.7	193.3	173.7	146.2	224.9	287.3
52.5°	109.1	139.6	146.6	168.3	240.9	276.7	265.2	283.6	367.8	456.7	476.1
50°	161.0	186.0	205.5	297.1	353.9	357.5	383.9	467.3	579.6	634.0	620.9
47.5°	211.2	237.1	327.9	415.9	441.4	476.4	542.3	703.3	822.2	824.6	811.1
45°	264.3	333.5	449.3	506.7	548.1	615.7	775.0	997.1	1008.6	1040.9	1239.3
42.5°	321.1	442.3	543.4	603.1	669.9	796.1	1008.7	1154.4	1204.5	1345.7	1505.3
40°	413.0	547.4	635.7	712.0	798.0	982.1	1214.9	1351.4	1392.1	1514.4	1634.3
37.5°	506.4	635.2	734.1	826.2	945.4	1193.9	1463.3	1575.8	1596.4	1618.7	1884.6
35°	596.3	725.2	843.7	964.2	1110.3	1468.1	1703.5	1809.3	1806.0	1956.9	2235.3
32.5°	680.3	817.2	957.1	1118.2	1359.4	1725.9	1961.4	2024.7	2120.8	2340.5	2720.4
30°	764.2	919.9	1080.4	1272.4	1578.0	1895.6	2164.4	2266.4	2431.1	2681.7	2958.2
27.5°	850.6	1025.2	1219.3	1444.3	1750.5	2042.4	2272.1	2515.7	2675.7	2900.3	3097.0
25°	936.6	1136.6	1356.4	1594.5	1873.8	2145.9	2383.4	2664.7	2836.5	3017.6	3201.1
22.5°	1026.9	1249.5	1497.8	1713.5	1977.7	2233.8	2516.6	2821.7	3045.1	3160.2	3283.4
20°	1121.2	1371.8	1636.5	1875.5	2080.3	2315.5	2650.3	3021.0	3309.4	3439.0	3455.9
17.5°	1214.2	1490.2	1774.8	2033.6	2254.5	2463.9	2790.7	3259.9	3618.5	3738.9	3792.4
15°	1304.9	1604.1	1912.4	2187.5	2429.9	2685.9	3035.0	3512.1	3922.1	4055.3	4139.5
12.5°	1392.4	1712.7	2047.8	2336.2	2605.5	2892.7	3256.8	3693.5	4067.8	4325.4	4480.0
10°	1475.8	1815.2	2179.2	2479.0	2779.1	3084.4	3440.3	3828.7	4133.3	4381.8	4601.3
7.5°	1517.9	1882.2	2292.0	2614.9	2948.3	3261.6	3590.6	3924.0	4180.5	4424.3	4636.5
5°	1546.5	1909.8	2327.3	2662.2	3038.2	3379.8	3699.3	3986.6	4211.4	4453.0	4660.2
2.5°	1567.0	1927.6	2351.1	2688.1	3072.0	3416.1	3730.5	4007.5	4236.8	4473.5	4685.7
0°	1579.3	1936.1	2363.3	2704.1	3093.1	3440.0	3748.7	4015.4	4253.7	4483.4	4711.8
-2.5°	1586.3	1962.0	2371.4	2745.1	3113.5	3460.6	3774.2	4034.5	4283.5	4502.0	4731.0
-5°	1585.4	1977.5	2369.3	2772.6	3123.3	3468.7	3786.9	4043.1	4299.7	4516.0	4738.9
-7.5°	1576.7	1981.0	2358.6	2781.3	3123.7	3465.9	3781.3	4047.3	4299.4	4528.8	4739.6
-10°	1561.4	1967.0	2348.7	2759.0	3111.7	3451.9	3764.2	4038.2	4289.4	4526.3	4735.5
-12.5°	1543.3	1938.2	2328.1	2726.8	3087.3	3425.6	3738.3	4015.1	4270.6	4506.9	4726.1
-15°	1516.1	1899.7	2294.3	2686.0	3050.3	3387.4	3704.7	3977.3	4241.6	4473.0	4698.0
-17.5°	1479.6	1852.2	2246.7	2637.6	3000.4	3337.6	3661.5	3927.5	4190.5	4429.7	4646.8
-20°	1433.7	1795.8	2184.9	2582.5	2937.0	3270.7	3584.4	3863.0	4124.4	4367.6	4595.8

Classified

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

Scaled Data Report



REPORT NUMBER: P645421 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3C-735-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1378.1	1731.0	2110.4	2508.2	2857.9	3187.8	3497.8	3780.9	4051.7	4286.9	4530.1
-25°	1322.4	1662.5	2028.1	2405.4	2766.0	3094.5	3405.5	3681.2	3958.1	4202.7	4433.7
-27.5°	1269.0	1583.0	1932.6	2292.2	2661.9	2988.9	3297.0	3573.0	3841.7	4109.2	4331.6
-30°	1209.2	1491.1	1827.9	2171.4	2531.8	2864.7	3175.1	3461.5	3717.2	3981.4	4220.1
-32.5°	1143.1	1393.5	1717.3	2047.7	2387.6	2727.8	3035.4	3319.8	3585.8	3835.7	4086.3
-35°	1078.5	1314.8	1600.1	1915.0	2234.7	2568.6	2876.4	3158.0	3434.1	3681.6	3921.1
-37.5°	1020.4	1229.5	1475.5	1776.3	2081.9	2397.6	2710.7	2983.4	3246.1	3518.3	3751.8
-40°	957.5	1137.9	1367.6	1633.5	1921.5	2221.8	2521.5	2803.6	3050.6	3319.5	3576.4
-42.5°	891.6	1063.3	1261.2	1482.3	1754.2	2037.3	2326.7	2602.6	2859.0	3112.7	3367.3
-45°	834.0	984.3	1152.9	1354.9	1576.3	1842.6	2116.6	2391.6	2637.7	2879.4	3130.8
-47.5°	772.6	905.0	1060.8	1222.2	1414.6	1637.3	1894.9	2148.6	2400.5	2630.5	2853.0
-50°	711.6	833.5	961.6	1106.9	1265.7	1446.1	1660.1	1896.0	2126.1	2362.2	2582.6
-52.5°	658.9	758.4	874.1	995.4	1131.3	1280.6	1452.0	1645.7	1855.0	2055.5	2275.3
-55°	604.3	694.0	787.4	894.1	1007.3	1133.2	1273.7	1436.6	1596.3	1781.7	1961.1
-57.5°	554.5	630.1	709.7	797.9	896.2	997.0	1119.8	1246.5	1391.4	1535.5	1677.6
-60°	507.5	569.3	636.9	711.5	790.5	880.3	971.9	1080.7	1197.4	1312.4	1433.0
-62.5°	460.1	512.1	567.2	629.2	698.1	765.9	844.2	928.0	1013.9	1111.3	1206.4
-65°	411.5	453.5	500.2	551.6	606.5	664.3	724.5	786.6	859.6	931.0	1000.1
-67.5°	359.8	395.7	433.5	474.0	520.1	565.4	610.7	663.2	717.0	769.8	824.6
-70°	302.5	336.3	367.9	400.7	435.0	470.5	509.2	547.6	585.5	625.2	669.1
-72.5°	244.2	275.4	303.1	327.3	355.5	385.0	413.3	440.3	468.9	498.9	528.7
-75°	194.8	215.4	240.1	262.7	285.1	305.9	324.5	347.4	371.3	393.1	411.1
-77.5°	152.0	170.7	187.6	202.8	220.6	241.5	259.6	275.2	290.4	306.9	324.5
-80°	110.6	126.1	141.5	155.6	165.8	177.6	191.6	207.5	221.3	232.5	242.8
-82.5°	71.4	82.6	94.1	105.8	110.5	113.8	116.8	122.4	130.9	139.3	147.4
-85°	35.6	38.9	45.8	53.0	55.5	57.2	58.4	59.1	62.0	64.6	67.0
-87.5°	17.8	19.4	21.1	22.6	21.8	20.7	19.2	17.5	17.1	16.6	15.9
-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.0	1.0	1.0	1.1	1.1	0.8	0.6	0.3	0.0	0.0	0.0
85°	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	0.9	0.6
82.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
80°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
77.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
75°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
72.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
70°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
67.5°	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	0.8
65°	1.7	1.7	1.8	1.7	1.5	1.4	1.5	1.5	1.3	1.0	0.7
62.5°	3.1	3.5	2.8	2.7	2.7	2.6	2.5	2.4	2.2	2.1	2.2
60°	19.4	11.4	6.7	7.8	7.0	4.7	5.9	7.0	7.0	6.4	5.7
57.5°	107.3	80.2	59.4	141.7	142.1	67.9	81.7	128.5	105.8	34.7	32.3
55°	298.6	357.1	470.0	446.4	453.7	521.8	569.8	504.4	494.5	527.0	608.7
52.5°	536.4	592.2	630.2	665.7	709.0	755.4	803.3	833.8	862.2	892.6	910.6
50°	685.0	763.6	817.6	797.8	909.7	955.4	909.0	950.5	1001.2	1015.1	1021.6
47.5°	1011.5	1126.8	1149.7	1224.0	1290.7	1289.3	1232.6	1235.9	1386.7	1519.8	1585.2
45°	1453.6	1457.5	1530.0	1661.2	1754.9	1725.4	1804.6	1984.5	2044.4	2102.3	2149.8
42.5°	1625.8	1697.2	1812.9	1928.9	1998.8	2059.5	2118.0	2184.1	2261.9	2325.0	2375.4
40°	1792.6	1850.1	1968.6	2062.0	2119.9	2176.5	2244.8	2318.1	2389.3	2444.7	2482.5
37.5°	2049.3	2093.9	2122.8	2209.5	2319.0	2268.5	2398.0	2490.9	2533.4	2589.6	2594.6
35°	2437.7	2408.0	2369.6	2714.8	2735.5	2618.9	2740.0	2884.0	2808.1	2966.2	3051.2
32.5°	2782.0	2777.6	3078.9	3260.4	3156.0	3241.2	3520.4	3508.0	3694.2	3780.6	3756.0
30°	3106.3	3217.1	3391.3	3526.5	3544.6	3678.9	3802.9	3911.6	4024.0	4124.8	4131.7
27.5°	3271.0	3415.5	3533.8	3612.0	3699.2	3812.3	3924.9	4047.3	4142.8	4206.0	4221.4
25°	3370.7	3518.2	3607.8	3691.9	3788.3	3885.9	4011.9	4145.1	4221.9	4260.9	4273.3
22.5°	3458.5	3591.1	3687.3	3755.6	3859.3	3964.3	4081.8	4194.6	4278.0	4295.0	4301.2
20°	3543.0	3670.4	3831.2	3931.8	3926.8	4045.0	4158.2	4248.0	4317.5	4317.1	4318.7
17.5°	3787.6	3833.1	4124.9	4346.4	4236.7	4178.9	4490.2	4496.1	4514.6	4477.8	4398.1
15°	4149.6	4232.4	4590.9	4831.1	4755.5	4751.5	5201.2	5089.8	5185.7	5160.6	5268.6
12.5°	4533.1	4631.2	4899.1	5134.9	5247.4	5275.0	5425.2	5566.0	5594.8	5583.4	5562.2
10°	4794.4	4934.0	5041.7	5184.8	5298.2	5413.9	5500.9	5601.9	5635.0	5615.9	5588.8
7.5°	4828.4	4966.4	5092.8	5218.4	5326.4	5419.6	5509.8	5592.1	5625.8	5614.7	5596.1
5°	4850.1	4975.1	5097.6	5225.0	5328.3	5414.6	5504.6	5587.9	5607.8	5594.4	5576.3
2.5°	4863.4	4979.1	5097.2	5224.1	5317.9	5400.1	5491.1	5580.1	5579.9	5574.0	5563.5
0°	4869.9	4985.9	5123.0	5237.8	5342.8	5420.6	5510.7	5597.2	5591.0	5574.9	5556.4
-2.5°	4883.7	5001.3	5141.2	5236.4	5354.7	5425.9	5519.1	5594.0	5591.1	5583.2	5574.0
-5°	4896.1	5028.4	5159.3	5259.3	5377.9	5471.1	5563.7	5622.3	5625.4	5614.3	5598.9
-7.5°	4903.7	5050.3	5175.1	5275.6	5390.7	5499.0	5592.9	5654.4	5655.7	5641.1	5622.6
-10°	4901.2	5056.0	5184.5	5288.3	5406.1	5513.1	5611.3	5689.2	5686.7	5672.8	5657.0
-12.5°	4891.9	5046.5	5178.5	5282.7	5416.4	5526.6	5637.1	5714.5	5718.6	5708.2	5691.1
-15°	4871.6	5031.2	5159.5	5273.3	5404.4	5533.2	5646.7	5732.2	5747.4	5738.9	5725.4
-17.5°	4831.3	4999.8	5135.9	5258.5	5384.3	5521.6	5650.7	5744.1	5764.9	5761.6	5750.4
-20°	4778.5	4952.3	5090.5	5219.0	5355.9	5497.3	5647.5	5732.9	5763.2	5765.1	5757.5



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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°	4719.2	4889.4	5036.0	5162.3	5310.8	5453.9	5589.9	5689.9	5740.7	5750.2	5750.9
-25°	4648.1	4822.9	4968.6	5103.1	5241.2	5389.1	5526.5	5638.1	5689.6	5714.3	5721.9
-27.5°	4547.6	4728.4	4871.7	5013.8	5154.3	5307.0	5451.5	5572.9	5614.8	5648.7	5662.2
-30°	4429.9	4608.7	4754.8	4884.7	5045.5	5201.1	5350.3	5456.2	5519.4	5558.1	5579.2
-32.5°	4294.6	4475.0	4628.4	4764.1	4916.8	5072.5	5212.8	5324.5	5411.6	5456.2	5478.9
-35°	4147.8	4332.0	4492.6	4635.6	4779.4	4927.7	5073.0	5189.9	5289.2	5327.5	5355.9
-37.5°	3970.8	4174.0	4338.6	4486.1	4622.7	4762.2	4913.5	5047.1	5143.5	5180.8	5210.6
-40°	3789.2	3985.7	4151.7	4309.0	4444.1	4596.3	4742.1	4882.2	4965.8	5009.2	5043.1
-42.5°	3597.6	3775.0	3933.0	4085.7	4236.2	4392.9	4538.6	4684.2	4756.5	4808.8	4850.3
-45°	3376.4	3541.5	3694.9	3837.9	3993.0	4147.1	4292.9	4421.5	4507.6	4575.7	4628.7
-47.5°	3081.4	3282.5	3436.6	3572.6	3726.4	3875.1	4016.3	4137.3	4231.7	4311.3	4372.9
-50°	2781.9	2974.9	3148.7	3301.5	3444.1	3581.6	3716.1	3834.4	3934.3	4020.6	4083.0
-52.5°	2486.9	2667.7	2840.2	2997.9	3135.0	3264.8	3387.9	3506.9	3612.2	3704.6	3764.9
-55°	2153.6	2340.9	2511.5	2658.6	2795.6	2923.9	3045.3	3158.2	3262.0	3356.0	3413.8
-57.5°	1840.9	2005.2	2163.9	2299.7	2429.1	2551.3	2666.4	2774.5	2874.3	2962.8	3018.5
-60°	1553.5	1673.3	1809.9	1935.2	2049.9	2153.9	2261.4	2362.1	2453.8	2531.6	2583.5
-62.5°	1299.4	1398.7	1497.3	1592.7	1685.7	1779.1	1869.0	1952.6	2029.2	2093.0	2138.5
-65°	1073.0	1152.8	1224.2	1291.8	1356.2	1429.9	1498.3	1562.6	1622.1	1671.0	1705.7
-67.5°	883.6	939.6	988.9	1035.3	1086.1	1138.2	1187.0	1229.6	1266.0	1294.9	1317.8
-70°	712.5	753.8	790.9	827.9	865.0	898.9	931.2	962.5	992.2	1016.4	1034.6
-72.5°	558.0	586.2	611.5	640.0	666.7	692.4	714.7	732.8	746.8	760.4	772.3
-75°	425.4	446.6	475.2	499.3	519.3	536.9	553.0	567.4	580.1	591.3	601.1
-77.5°	342.2	360.1	378.3	396.0	413.0	425.6	437.4	449.1	460.6	470.6	479.3
-80°	253.6	267.0	281.0	295.1	309.2	316.2	321.8	327.0	331.6	337.5	343.0
-82.5°	155.0	162.6	170.4	178.3	186.2	188.2	188.9	188.7	187.7	185.6	182.3
-85°	69.0	69.4	69.2	68.4	67.1	64.4	61.0	57.2	52.9	52.2	51.4
-87.5°	15.2	14.8	14.4	14.0	13.4	13.4	13.3	13.3	13.1	13.6	14.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645421 (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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
85°	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.9	1.1	1.1
82.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
80°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
77.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
75°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
72.5°	1.2	1.2	0.6	0.0	0.6	1.2	1.2	1.2	1.2	1.2	1.2
70°	1.2	1.2	0.6	0.0	0.6	1.2	1.2	1.2	1.2	1.2	1.2
67.5°	0.4	0.1	0.0	0.0	0.0	0.1	0.4	0.8	1.1	1.2	1.2
65°	0.4	0.1	0.0	0.0	0.0	0.1	0.4	0.7	1.0	1.3	1.5
62.5°	2.3	2.4	2.5	2.5	2.5	2.4	2.3	2.2	2.1	2.2	2.4
60°	4.5	2.9	2.5	2.5	2.5	2.9	4.5	5.7	6.4	7.0	7.0
57.5°	27.3	20.3	17.3	16.1	17.3	20.3	27.3	32.3	34.7	105.8	128.5
55°	667.3	701.2	726.6	738.4	726.6	701.2	667.3	608.7	527.0	494.5	504.4
52.5°	926.5	941.3	949.8	949.5	949.8	941.3	926.5	910.6	892.6	862.2	833.8
50°	1032.7	1039.9	1042.4	1040.9	1042.4	1039.9	1032.7	1021.6	1015.1	1001.2	950.5
47.5°	1525.4	1393.4	1296.3	1273.0	1296.3	1393.4	1525.4	1585.2	1519.8	1386.7	1235.9
45°	2172.5	2222.6	2272.5	2288.0	2272.5	2222.6	2172.5	2149.8	2102.3	2044.4	1984.5
42.5°	2396.7	2413.0	2422.2	2422.6	2422.2	2413.0	2396.7	2375.4	2325.0	2261.9	2184.1
40°	2503.6	2519.0	2528.0	2528.8	2528.0	2519.0	2503.6	2482.5	2444.7	2389.3	2318.1
37.5°	2600.8	2613.9	2622.5	2631.3	2622.5	2613.9	2600.8	2594.6	2589.6	2533.4	2490.9
35°	3039.7	2940.3	2797.3	2818.9	2797.3	2940.3	3039.7	3051.2	2966.2	2808.1	2884.0
32.5°	3794.5	3836.3	3862.4	3906.8	3862.4	3836.3	3794.5	3756.0	3780.6	3694.2	3508.0
30°	4142.7	4156.5	4177.4	4199.4	4177.4	4156.5	4142.7	4131.7	4124.8	4024.0	3911.6
27.5°	4229.6	4243.9	4256.6	4266.1	4256.6	4243.9	4229.6	4221.4	4206.0	4142.8	4047.3
25°	4275.1	4283.9	4297.5	4309.3	4297.5	4283.9	4275.1	4273.3	4260.9	4221.9	4145.1
22.5°	4297.6	4298.6	4309.2	4324.1	4309.2	4298.6	4297.6	4301.2	4295.0	4278.0	4194.6
20°	4313.1	4304.7	4315.7	4325.4	4315.7	4304.7	4313.1	4318.7	4317.1	4317.5	4248.0
17.5°	4510.5	4397.9	4351.6	4352.5	4351.6	4397.9	4510.5	4398.1	4477.8	4514.6	4496.1
15°	5147.4	5189.6	5351.6	5439.1	5351.6	5189.6	5147.4	5268.6	5160.6	5185.7	5089.8
12.5°	5558.3	5543.3	5524.0	5550.2	5524.0	5543.3	5558.3	5562.2	5583.4	5594.8	5566.0
10°	5577.3	5575.6	5541.4	5578.6	5541.4	5575.6	5577.3	5588.8	5615.9	5635.0	5601.9
7.5°	5565.6	5566.7	5552.1	5588.5	5552.1	5566.7	5565.6	5596.1	5614.7	5625.8	5592.1
5°	5573.4	5548.3	5557.7	5578.6	5557.7	5548.3	5573.4	5576.3	5594.4	5607.8	5587.9
2.5°	5551.8	5549.2	5530.7	5545.3	5530.7	5549.2	5551.8	5563.5	5574.0	5579.9	5580.1
0°	5535.4	5521.8	5521.8	5534.2	5521.8	5521.8	5535.4	5556.4	5574.9	5591.0	5597.2
-2.5°	5564.6	5561.8	5560.0	5551.5	5560.0	5561.8	5564.6	5574.0	5583.2	5591.1	5594.0
-5°	5588.6	5581.3	5561.1	5588.5	5561.1	5581.3	5588.6	5598.9	5614.3	5625.4	5622.3
-7.5°	5614.5	5595.7	5576.5	5619.4	5576.5	5595.7	5614.5	5622.6	5641.1	5655.7	5654.4
-10°	5638.0	5610.9	5592.2	5634.2	5592.2	5610.9	5638.0	5657.0	5672.8	5686.7	5689.2
-12.5°	5669.2	5637.5	5625.0	5647.8	5625.0	5637.5	5669.2	5691.1	5708.2	5718.6	5714.5
-15°	5702.5	5680.5	5677.6	5691.0	5677.6	5680.5	5702.5	5725.4	5738.9	5747.4	5732.2
-17.5°	5731.7	5716.3	5723.9	5739.1	5723.9	5716.3	5731.7	5750.4	5761.6	5764.9	5744.1
-20°	5745.6	5737.0	5745.5	5783.6	5745.5	5737.0	5745.6	5757.5	5765.1	5763.2	5732.9



REPORT NUMBER: P645421 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-735-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	5744.4	5744.9	5760.0	5772.5	5760.0	5744.9	5744.4	5750.9	5750.2	5740.7	5689.9
-25°	5722.5	5734.0	5751.4	5776.2	5751.4	5734.0	5722.5	5721.9	5714.3	5689.6	5638.1
-27.5°	5669.6	5688.8	5706.9	5733.0	5706.9	5688.8	5669.6	5662.2	5648.7	5614.8	5572.9
-30°	5593.2	5616.0	5632.1	5660.1	5632.1	5616.0	5593.2	5579.2	5558.1	5519.4	5456.2
-32.5°	5500.1	5526.0	5545.1	5565.0	5545.1	5526.0	5500.1	5478.9	5456.2	5411.6	5324.5
-35°	5383.9	5411.7	5432.1	5450.2	5432.1	5411.7	5383.9	5355.9	5327.5	5289.2	5189.9
-37.5°	5244.2	5274.1	5297.3	5318.1	5297.3	5274.1	5244.2	5210.6	5180.8	5143.5	5047.1
-40°	5081.4	5112.2	5136.9	5160.0	5136.9	5112.2	5081.4	5043.1	5009.2	4965.8	4882.2
-42.5°	4891.1	4922.2	4947.6	4971.1	4947.6	4922.2	4891.1	4850.3	4808.8	4756.5	4684.2
-45°	4671.4	4703.4	4730.3	4755.0	4730.3	4703.4	4671.4	4628.7	4575.7	4507.6	4421.5
-47.5°	4418.3	4452.5	4475.6	4487.1	4475.6	4452.5	4418.3	4372.9	4311.3	4231.7	4137.3
-50°	4128.2	4162.4	4190.1	4210.5	4190.1	4162.4	4128.2	4083.0	4020.6	3934.3	3834.4
-52.5°	3808.9	3841.4	3865.2	3879.6	3865.2	3841.4	3808.9	3764.9	3704.6	3612.2	3506.9
-55°	3459.3	3493.3	3515.9	3526.5	3515.9	3493.3	3459.3	3413.8	3356.0	3262.0	3158.2
-57.5°	3062.6	3095.0	3119.0	3132.6	3119.0	3095.0	3062.6	3018.5	2962.8	2874.3	2774.5
-60°	2623.9	2652.8	2671.1	2678.2	2671.1	2652.8	2623.9	2583.5	2531.6	2453.8	2362.1
-62.5°	2175.2	2202.6	2219.6	2226.3	2219.6	2202.6	2175.2	2138.5	2093.0	2029.2	1952.6
-65°	1731.5	1748.7	1758.2	1759.5	1758.2	1748.7	1731.5	1705.7	1671.0	1622.1	1562.6
-67.5°	1335.8	1348.9	1356.8	1359.5	1356.8	1348.9	1335.8	1317.8	1294.9	1266.0	1229.6
-70°	1048.2	1057.2	1062.2	1063.1	1062.2	1057.2	1048.2	1034.6	1016.4	992.2	962.5
-72.5°	781.5	787.9	785.7	780.4	785.7	787.9	781.5	772.3	760.4	746.8	732.8
-75°	609.6	616.7	613.7	608.7	613.7	616.7	609.6	601.1	591.3	580.1	567.4
-77.5°	487.0	493.5	490.3	485.3	490.3	493.5	487.0	479.3	470.6	460.6	449.1
-80°	347.8	351.6	354.3	355.6	354.3	351.6	347.8	343.0	337.5	331.6	327.0
-82.5°	178.0	172.8	169.5	165.5	169.5	172.8	178.0	182.3	185.6	187.7	188.7
-85°	50.3	49.1	49.9	50.6	49.9	49.1	50.3	51.4	52.2	52.9	57.2
-87.5°	14.4	14.7	14.8	14.8	14.8	14.7	14.4	14.0	13.6	13.1	13.3
-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.6	0.8	1.1	1.1	1.0	1.0	1.0	1.0	0.9	0.9	0.8
85°	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
82.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
80°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
77.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
75°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
72.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
70°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3
67.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.2	1.2	1.5
65°	1.5	1.4	1.5	1.7	1.8	1.7	1.7	1.8	1.8	1.7	1.6
62.5°	2.5	2.6	2.7	2.7	2.8	3.5	3.1	3.1	2.9	3.6	4.8
60°	5.9	4.7	7.0	7.8	6.7	11.4	19.4	17.5	5.1	27.9	32.3
57.5°	81.7	67.9	142.1	141.7	59.4	80.2	107.3	70.7	46.2	79.2	104.6
55°	569.8	521.8	453.7	446.4	470.0	357.1	298.6	287.3	224.9	146.2	173.7
52.5°	803.3	755.4	709.0	665.7	630.2	592.2	536.4	476.1	456.7	367.8	283.6
50°	909.0	955.4	909.7	797.8	817.6	763.6	685.0	620.9	634.0	579.6	467.3
47.5°	1232.6	1289.3	1290.7	1224.0	1149.7	1126.8	1011.5	811.1	824.6	822.2	703.3
45°	1804.6	1725.4	1754.9	1661.2	1530.0	1457.5	1453.6	1239.3	1040.9	1008.6	997.1
42.5°	2118.0	2059.5	1998.8	1928.9	1812.9	1697.2	1625.8	1505.3	1345.7	1204.5	1154.4
40°	2244.8	2176.5	2119.9	2062.0	1968.6	1850.1	1792.6	1634.3	1514.4	1392.1	1351.4
37.5°	2398.0	2268.5	2319.0	2209.5	2122.8	2093.9	2049.3	1884.6	1618.7	1596.4	1575.8
35°	2740.0	2618.9	2735.5	2714.8	2369.6	2408.0	2437.7	2235.3	1956.9	1806.0	1809.3
32.5°	3520.4	3241.2	3156.0	3260.4	3078.9	2777.6	2782.0	2720.4	2340.5	2120.8	2024.7
30°	3802.9	3678.9	3544.6	3526.5	3391.3	3217.1	3106.3	2958.2	2681.7	2431.1	2266.4
27.5°	3924.9	3812.3	3699.2	3612.0	3533.8	3415.5	3271.0	3097.0	2900.3	2675.7	2515.7
25°	4011.9	3885.9	3788.3	3691.9	3607.8	3518.2	3370.7	3201.1	3017.6	2836.5	2664.7
22.5°	4081.8	3964.3	3859.3	3755.6	3687.3	3591.1	3458.5	3283.4	3160.2	3045.1	2821.7
20°	4158.2	4045.0	3926.8	3931.8	3831.2	3670.4	3543.0	3455.9	3439.0	3309.4	3021.0
17.5°	4490.2	4178.9	4236.7	4346.4	4124.9	3833.1	3787.6	3792.4	3738.9	3618.5	3259.9
15°	5201.2	4751.5	4755.5	4831.1	4590.9	4232.4	4149.6	4139.5	4055.3	3922.1	3512.1
12.5°	5425.2	5275.0	5247.4	5134.9	4899.1	4631.2	4533.1	4480.0	4325.4	4067.8	3693.5
10°	5500.9	5413.9	5298.2	5184.8	5041.7	4934.0	4794.4	4601.3	4381.8	4133.3	3828.7
7.5°	5509.8	5419.6	5326.4	5218.4	5092.8	4966.4	4828.4	4636.5	4424.3	4180.5	3924.0
5°	5504.6	5414.6	5328.3	5225.0	5097.6	4975.1	4850.1	4660.2	4453.0	4211.4	3986.6
2.5°	5491.1	5400.1	5317.9	5224.1	5097.2	4979.1	4863.4	4685.7	4473.5	4236.8	4007.5
0°	5510.7	5420.6	5342.8	5237.8	5123.0	4985.9	4869.9	4711.8	4483.4	4253.7	4015.4
-2.5°	5519.1	5425.9	5354.7	5236.4	5141.2	5001.3	4883.7	4731.0	4502.0	4283.5	4034.5
-5°	5563.7	5471.1	5377.9	5259.3	5159.3	5028.4	4896.1	4738.9	4516.0	4299.7	4043.1
-7.5°	5592.9	5499.0	5390.7	5275.6	5175.1	5050.3	4903.7	4739.6	4528.8	4299.4	4047.3
-10°	5611.3	5513.1	5406.1	5288.3	5184.5	5056.0	4901.2	4735.5	4526.3	4289.4	4038.2
-12.5°	5637.1	5526.6	5416.4	5282.7	5178.5	5046.5	4891.9	4726.1	4506.9	4270.6	4015.1
-15°	5646.7	5533.2	5404.4	5273.3	5159.5	5031.2	4871.6	4698.0	4473.0	4241.6	3977.3
-17.5°	5650.7	5521.6	5384.3	5258.5	5135.9	4999.8	4831.3	4646.8	4429.7	4190.5	3927.5
-20°	5647.5	5497.3	5355.9	5219.0	5090.5	4952.3	4778.5	4595.8	4367.6	4124.4	3863.0



REPORT NUMBER: P645421 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-735-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5589.9	5453.9	5310.8	5162.3	5036.0	4889.4	4719.2	4530.1	4286.9	4051.7	3780.9
-25°	5526.5	5389.1	5241.2	5103.1	4968.6	4822.9	4648.1	4433.7	4202.7	3958.1	3681.2
-27.5°	5451.5	5307.0	5154.3	5013.8	4871.7	4728.4	4547.6	4331.6	4109.2	3841.7	3573.0
-30°	5350.3	5201.1	5045.5	4884.7	4754.8	4608.7	4429.9	4220.1	3981.4	3717.2	3461.5
-32.5°	5212.8	5072.5	4916.8	4764.1	4628.4	4475.0	4294.6	4086.3	3835.7	3585.8	3319.8
-35°	5073.0	4927.7	4779.4	4635.6	4492.6	4332.0	4147.8	3921.1	3681.6	3434.1	3158.0
-37.5°	4913.5	4762.2	4622.7	4486.1	4338.6	4174.0	3970.8	3751.8	3518.3	3246.1	2983.4
-40°	4742.1	4596.3	4444.1	4309.0	4151.7	3985.7	3789.2	3576.4	3319.5	3050.6	2803.6
-42.5°	4538.6	4392.9	4236.2	4085.7	3933.0	3775.0	3597.6	3367.3	3112.7	2859.0	2602.6
-45°	4292.9	4147.1	3993.0	3837.9	3694.9	3541.5	3376.4	3130.8	2879.4	2637.7	2391.6
-47.5°	4016.3	3875.1	3726.4	3572.6	3436.6	3282.5	3081.4	2853.0	2630.5	2400.5	2148.6
-50°	3716.1	3581.6	3444.1	3301.5	3148.7	2974.9	2781.9	2582.6	2362.2	2126.1	1896.0
-52.5°	3387.9	3264.8	3135.0	2997.9	2840.2	2667.7	2486.9	2275.3	2055.5	1855.0	1645.7
-55°	3045.3	2923.9	2795.6	2658.6	2511.5	2340.9	2153.6	1961.1	1781.7	1596.3	1436.6
-57.5°	2666.4	2551.3	2429.1	2299.7	2163.9	2005.2	1840.9	1677.6	1535.5	1391.4	1246.5
-60°	2261.4	2153.9	2049.9	1935.2	1809.9	1673.3	1553.5	1433.0	1312.4	1197.4	1080.7
-62.5°	1869.0	1779.1	1685.7	1592.7	1497.3	1398.7	1299.4	1206.4	1111.3	1013.9	928.0
-65°	1498.3	1429.9	1356.2	1291.8	1224.2	1152.8	1073.0	1000.1	931.0	859.6	786.6
-67.5°	1187.0	1138.2	1086.1	1035.3	988.9	939.6	883.6	824.6	769.8	717.0	663.2
-70°	931.2	898.9	865.0	827.9	790.9	753.8	712.5	669.1	625.2	585.5	547.6
-72.5°	714.7	692.4	666.7	640.0	611.5	586.2	558.0	528.7	498.9	468.9	440.3
-75°	553.0	536.9	519.3	499.3	475.2	446.6	425.4	411.1	393.1	371.3	347.4
-77.5°	437.4	425.6	413.0	396.0	378.3	360.1	342.2	324.5	306.9	290.4	275.2
-80°	321.8	316.2	309.2	295.1	281.0	267.0	253.6	242.8	232.5	221.3	207.5
-82.5°	188.9	188.2	186.2	178.3	170.4	162.6	155.0	147.4	139.3	130.9	122.4
-85°	61.0	64.4	67.1	68.4	69.2	69.4	69.0	67.0	64.6	62.0	59.1
-87.5°	13.3	13.4	13.4	14.0	14.4	14.8	15.2	15.9	16.6	17.1	17.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645421 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-735-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.8	0.8	0.7	0.7	0.6	0.6	0.6	0.5	0.6	0.6	0.7
85°	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.0	1.2	1.3	1.3
82.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.5	1.9	2.0
80°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.6	1.9	2.2
77.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.6	1.9	2.2
75°	1.2	1.2	1.2	1.3	1.3	1.2	1.2	1.3	1.6	1.9	2.2
72.5°	1.2	1.2	1.2	1.4	1.5	1.6	1.4	1.3	1.6	2.0	2.3
70°	1.4	1.3	1.2	1.4	1.7	2.0	1.9	2.0	1.7	2.0	2.3
67.5°	1.8	1.9	1.7	1.7	1.8	2.1	2.4	2.8	2.7	2.1	2.3
65°	1.9	2.2	2.6	3.5	3.1	2.2	2.5	4.9	3.9	3.3	2.4
62.5°	4.1	2.3	7.8	10.5	5.9	4.6	3.7	10.8	6.8	4.6	3.3
60°	9.7	8.0	21.8	34.9	24.3	8.2	12.1	18.7	17.2	5.9	4.7
57.5°	90.5	31.1	45.1	65.3	64.1	34.8	25.4	33.9	29.1	16.8	6.6
55°	193.3	162.7	107.4	98.4	106.3	85.8	55.8	54.8	45.0	31.1	10.6
52.5°	265.2	276.7	240.9	168.3	146.6	139.6	109.1	79.4	70.6	46.8	27.0
50°	383.9	357.5	353.9	297.1	205.5	186.0	161.0	124.1	99.0	66.9	45.7
47.5°	542.3	476.4	441.4	415.9	327.9	237.1	211.2	169.8	130.4	96.3	65.3
45°	775.0	615.7	548.1	506.7	449.3	333.5	264.3	214.1	169.9	129.3	85.7
42.5°	1008.7	796.1	669.9	603.1	543.4	442.3	321.1	265.2	208.4	162.9	111.7
40°	1214.9	982.1	798.0	712.0	635.7	547.4	413.0	319.9	246.2	197.4	141.2
37.5°	1463.3	1193.9	945.4	826.2	734.1	635.2	506.4	377.0	291.6	233.7	170.8
35°	1703.5	1468.1	1110.3	964.2	843.7	725.2	596.3	444.5	347.3	270.5	200.3
32.5°	1961.4	1725.9	1359.4	1118.2	957.1	817.2	680.3	526.6	403.4	307.8	229.8
30°	2164.4	1895.6	1578.0	1272.4	1080.4	919.9	764.2	605.4	459.6	345.5	259.5
27.5°	2272.1	2042.4	1750.5	1444.3	1219.3	1025.2	850.6	680.6	515.7	386.8	290.5
25°	2383.4	2145.9	1873.8	1594.5	1356.4	1136.6	936.6	752.4	577.0	433.4	321.1
22.5°	2516.6	2233.8	1977.7	1713.5	1497.8	1249.5	1026.9	825.1	638.3	479.2	351.3
20°	2650.3	2315.5	2080.3	1875.5	1636.5	1371.8	1121.2	895.9	696.1	523.7	380.8
17.5°	2790.7	2463.9	2254.5	2033.6	1774.8	1490.2	1214.2	964.6	750.4	566.8	409.5
15°	3035.0	2685.9	2429.9	2187.5	1912.4	1604.1	1304.9	1030.6	801.0	608.2	436.1
12.5°	3256.8	2892.7	2605.5	2336.2	2047.8	1712.7	1392.4	1093.3	847.9	641.2	459.9
10°	3440.3	3084.4	2779.1	2479.0	2179.2	1815.2	1475.8	1144.4	876.0	665.9	481.8
7.5°	3590.6	3261.6	2948.3	2614.9	2292.0	1882.2	1517.9	1174.2	897.8	686.9	501.7
5°	3699.3	3379.8	3038.2	2662.2	2327.3	1909.8	1546.5	1198.5	915.3	704.4	519.7
2.5°	3730.5	3416.1	3072.0	2688.1	2351.1	1927.6	1567.0	1217.1	928.8	718.6	535.6
0°	3748.7	3440.0	3093.1	2704.1	2363.3	1936.1	1579.3	1229.8	938.4	729.7	549.5
-2.5°	3774.2	3460.6	3113.5	2745.1	2371.4	1962.0	1586.3	1238.1	950.5	733.7	557.6
-5°	3786.9	3468.7	3123.3	2772.6	2369.3	1977.5	1585.4	1240.8	958.4	735.1	563.5
-7.5°	3781.3	3465.9	3123.7	2781.3	2358.6	1981.0	1576.7	1238.0	961.6	734.1	567.2
-10°	3764.2	3451.9	3111.7	2759.0	2348.7	1967.0	1561.4	1230.1	959.7	731.0	568.6
-12.5°	3738.3	3425.6	3087.3	2726.8	2328.1	1938.2	1543.3	1216.6	951.9	725.9	567.6
-15°	3704.7	3387.4	3050.3	2686.0	2294.3	1899.7	1516.1	1197.1	936.9	720.2	564.3
-17.5°	3661.5	3337.6	3000.4	2637.6	2246.7	1852.2	1479.6	1171.6	918.0	713.2	557.5
-20°	3584.4	3270.7	2937.0	2582.5	2184.9	1795.8	1433.7	1140.1	895.5	703.2	547.8



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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°	3497.8	3187.8	2857.9	2508.2	2110.4	1731.0	1378.1	1102.8	869.6	690.2	536.1
-25°	3405.5	3094.5	2766.0	2405.4	2028.1	1662.5	1322.4	1059.6	840.4	674.2	522.6
-27.5°	3297.0	2988.9	2661.9	2292.2	1932.6	1583.0	1269.0	1021.3	812.2	655.0	507.2
-30°	3175.1	2864.7	2531.8	2171.4	1827.9	1491.1	1209.2	980.4	788.3	634.1	490.0
-32.5°	3035.4	2727.8	2387.6	2047.7	1717.3	1393.5	1143.1	936.6	760.7	612.0	474.2
-35°	2876.4	2568.6	2234.7	1915.0	1600.1	1314.8	1078.5	890.2	729.4	588.0	457.5
-37.5°	2710.7	2397.6	2081.9	1776.3	1475.5	1229.5	1020.4	844.4	694.4	562.3	439.0
-40°	2521.5	2221.8	1921.5	1633.5	1367.6	1137.9	957.5	799.1	661.4	535.0	418.8
-42.5°	2326.7	2037.3	1754.2	1482.3	1261.2	1063.3	891.6	750.4	626.5	508.6	396.9
-45°	2116.6	1842.6	1576.3	1354.9	1152.9	984.3	834.0	700.0	589.3	481.6	374.2
-47.5°	1894.9	1637.3	1414.6	1222.2	1060.8	905.0	772.6	656.3	550.2	452.6	351.5
-50°	1660.1	1446.1	1265.7	1106.9	961.6	833.5	711.6	610.5	514.4	420.6	327.8
-52.5°	1452.0	1280.6	1131.3	995.4	874.1	758.4	658.9	563.6	477.5	390.0	302.9
-55°	1273.7	1133.2	1007.3	894.1	787.4	694.0	604.3	522.0	439.6	359.3	277.8
-57.5°	1119.8	997.0	896.2	797.9	709.7	630.1	554.5	479.4	403.2	327.6	257.8
-60°	971.9	880.3	790.5	711.5	636.9	569.3	507.5	436.8	366.5	295.8	235.7
-62.5°	844.2	765.9	698.1	629.2	567.2	512.1	460.1	395.2	328.8	266.4	211.7
-65°	724.5	664.3	606.5	551.6	500.2	453.5	411.5	352.5	291.0	235.2	186.8
-67.5°	610.7	565.4	520.1	474.0	433.5	395.7	359.8	306.5	251.5	202.5	162.0
-70°	509.2	470.5	435.0	400.7	367.9	336.3	302.5	257.5	210.2	173.1	136.7
-72.5°	413.3	385.0	355.5	327.3	303.1	275.4	244.2	209.2	176.0	143.1	110.8
-75°	324.5	305.9	285.1	262.7	240.1	215.4	194.8	170.2	141.3	112.7	89.3
-77.5°	259.6	241.5	220.6	202.8	187.6	170.7	152.0	130.7	107.7	87.6	69.0
-80°	191.6	177.6	165.8	155.6	141.5	126.1	110.6	95.1	78.3	62.7	48.3
-82.5°	116.8	113.8	110.5	105.8	94.1	82.6	71.4	60.3	48.5	37.5	31.0
-85°	58.4	57.2	55.5	53.0	45.8	38.9	35.6	32.3	28.3	24.4	20.7
-87.5°	19.2	20.7	21.8	22.6	21.1	19.4	17.8	16.2	14.2	12.2	10.4
-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):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
85°	1.3	1.1	0.9	0.7	0.4	0.3	0.0
82.5°	1.9	1.6	1.3	1.0	0.7	0.4	0.0
80°	2.5	2.2	1.7	1.3	0.9	0.5	0.0
77.5°	2.5	2.5	2.2	1.6	1.1	0.7	0.0
75°	2.5	2.6	2.5	1.9	1.3	0.8	0.0
72.5°	2.6	2.7	2.6	2.2	1.5	0.9	0.0
70°	2.6	2.8	2.7	2.5	1.8	1.1	0.0
67.5°	2.9	2.9	2.9	2.6	2.0	1.2	0.0
65°	3.3	3.3	3.0	2.8	2.2	1.3	0.0
62.5°	3.9	4.1	3.1	2.9	2.4	1.5	0.0
60°	4.6	5.0	3.3	3.0	2.7	1.6	0.0
57.5°	8.5	6.0	4.2	3.1	2.8	1.7	0.0
55°	13.5	7.0	5.2	3.3	2.9	1.8	0.0
52.5°	19.3	9.0	6.3	3.4	3.1	2.0	0.0
50°	26.0	15.4	7.5	3.5	3.2	2.1	0.0
47.5°	35.0	22.2	8.6	3.9	3.4	2.2	0.0
45°	52.8	29.5	9.9	4.8	3.5	2.3	0.0
42.5°	71.1	37.2	11.1	5.7	3.7	2.4	0.0
40°	89.7	45.5	15.0	6.9	3.8	2.5	0.0
37.5°	108.8	54.1	21.4	8.4	4.0	2.6	0.0
35°	128.1	67.2	28.0	10.1	4.1	2.7	0.0
32.5°	149.0	82.5	34.6	11.9	4.3	2.8	0.0
30°	172.9	97.6	41.3	13.8	4.5	2.9	0.0
27.5°	196.4	112.5	49.5	15.9	4.6	3.0	0.0
25°	219.3	127.2	58.0	18.1	4.8	3.1	0.0
22.5°	241.5	142.2	66.4	20.4	4.9	3.2	0.0
20°	263.0	158.2	74.7	22.8	5.1	3.3	0.0
17.5°	284.3	173.8	82.9	25.2	5.3	3.4	0.0
15°	304.7	188.7	90.9	27.6	5.4	3.4	0.0
12.5°	323.8	203.0	98.7	30.0	5.6	3.5	0.0
10°	341.5	216.4	106.1	32.3	5.7	3.5	0.0
7.5°	357.8	229.0	113.1	34.6	5.8	3.6	0.0
5°	372.6	240.6	119.6	36.8	6.0	3.6	0.0
2.5°	385.9	251.1	125.6	38.8	6.1	3.7	0.0
0°	397.6	260.5	130.9	40.7	6.2	3.7	0.0
-2.5°	403.4	266.4	135.9	43.4	7.2	3.9	0.0
-5°	407.7	271.1	140.1	45.8	8.1	4.1	0.0
-7.5°	410.4	274.5	143.6	48.0	9.0	4.3	0.0
-10°	411.6	276.7	146.2	49.9	9.9	4.5	0.0
-12.5°	411.4	277.6	147.9	51.5	10.8	4.7	0.0
-15°	409.8	277.2	148.8	52.8	11.6	4.8	0.0
-17.5°	406.8	275.5	148.7	53.7	12.3	4.9	0.0
-20°	402.1	272.6	147.6	54.2	13.0	5.1	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	395.4	268.4	145.5	54.4	13.6	5.2	0.0
-25°	387.1	262.0	142.4	54.1	14.2	5.2	0.0
-27.5°	377.3	253.9	138.3	53.5	14.6	5.3	0.0
-30°	365.9	244.8	133.1	52.4	15.0	5.3	0.0
-32.5°	353.0	234.5	127.0	50.8	15.3	5.4	0.0
-35°	339.0	223.2	120.3	48.9	15.5	5.4	0.0
-37.5°	324.0	211.9	112.9	46.4	15.6	5.3	0.0
-40°	307.9	201.6	104.8	43.5	15.6	5.3	0.0
-42.5°	290.6	190.6	98.7	40.4	15.5	5.2	0.0
-45°	272.2	178.8	94.5	37.2	15.3	5.1	0.0
-47.5°	252.8	166.4	89.6	33.6	15.1	5.0	0.0
-50°	236.6	153.4	83.9	32.4	14.7	4.8	0.0
-52.5°	220.3	139.7	77.5	31.8	14.2	4.6	0.0
-55°	203.5	129.3	70.4	30.8	13.7	4.4	0.0
-57.5°	186.0	118.8	62.7	29.5	13.0	4.2	0.0
-60°	168.2	107.3	54.5	27.8	12.3	4.0	0.0
-62.5°	152.0	94.9	50.6	25.8	11.5	3.7	0.0
-65°	134.6	81.7	46.2	23.6	10.7	3.5	0.0
-67.5°	116.1	70.6	41.3	21.0	9.8	3.2	0.0
-70°	96.6	61.8	35.9	18.2	8.9	2.9	0.0
-72.5°	81.7	52.3	30.1	16.1	7.9	2.5	0.0
-75°	66.8	42.2	24.0	14.0	6.9	2.2	0.0
-77.5°	51.1	31.7	19.8	11.8	5.8	1.8	0.0
-80°	34.9	24.1	16.0	9.5	4.7	1.5	0.0
-82.5°	25.6	18.2	12.1	7.2	3.5	1.1	0.0
-85°	17.2	12.2	8.1	4.8	2.4	0.8	0.0
-87.5°	8.6	6.1	4.1	2.4	1.2	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)