

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: P645549 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA6B-727-U-LAM-VSR-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645549 (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-SA6B-727-U-LAM-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, LAMBERTIAN WITH VISOR
Light Source: (96) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

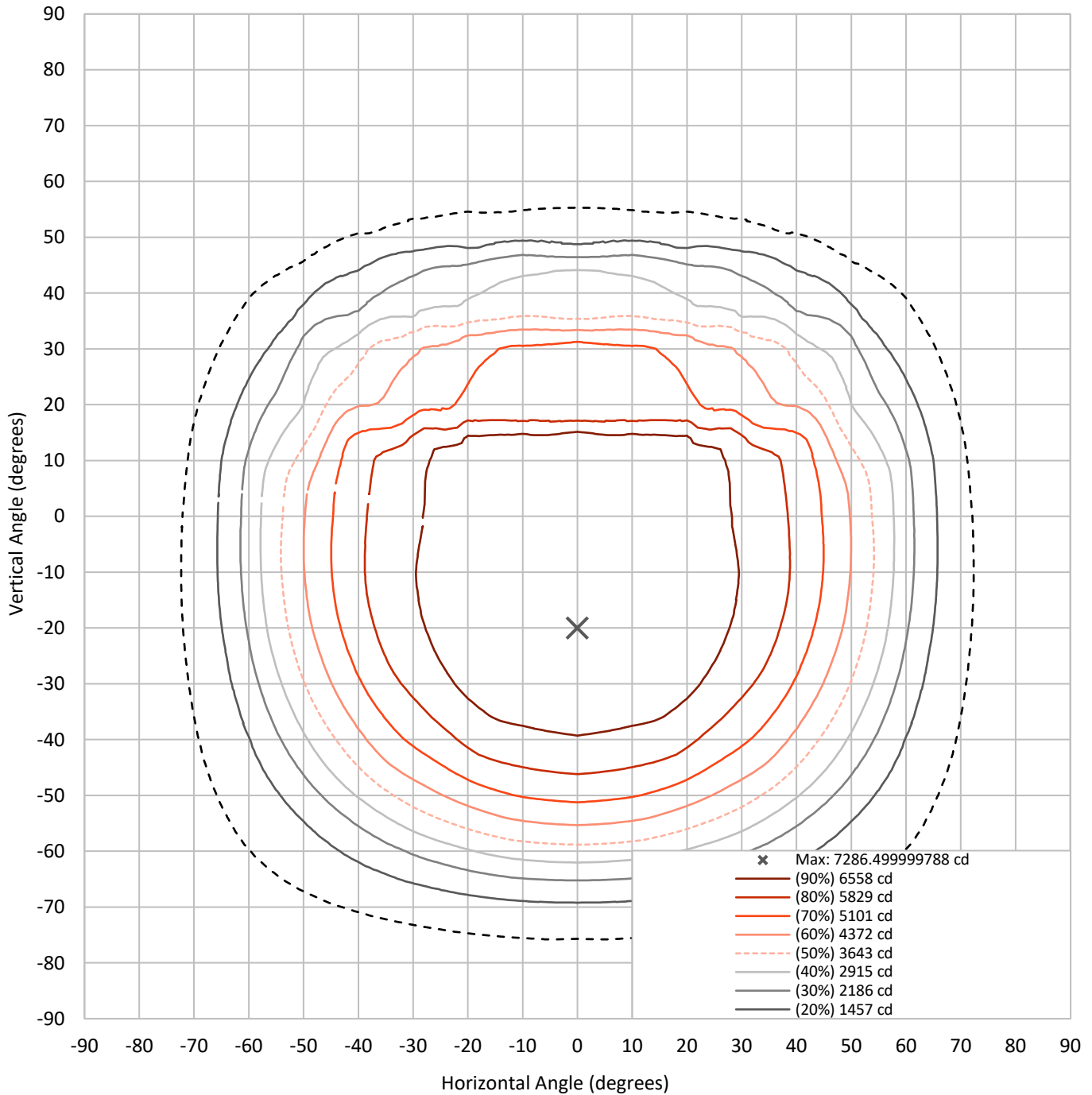
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	17085.5 lumens	Max Intensity:	7286.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -20°V
Efficacy:	89.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	105.6°H x 93.7°V	Field Angle (10%):	144°H x 131.2°V
Beam Lumens:	13356.4 lumens	Field Lumens:	16746.1 lumens
Beam Efficiency:	78.2%	Field Efficiency:	98.0%
Input Watts (W):	190.6		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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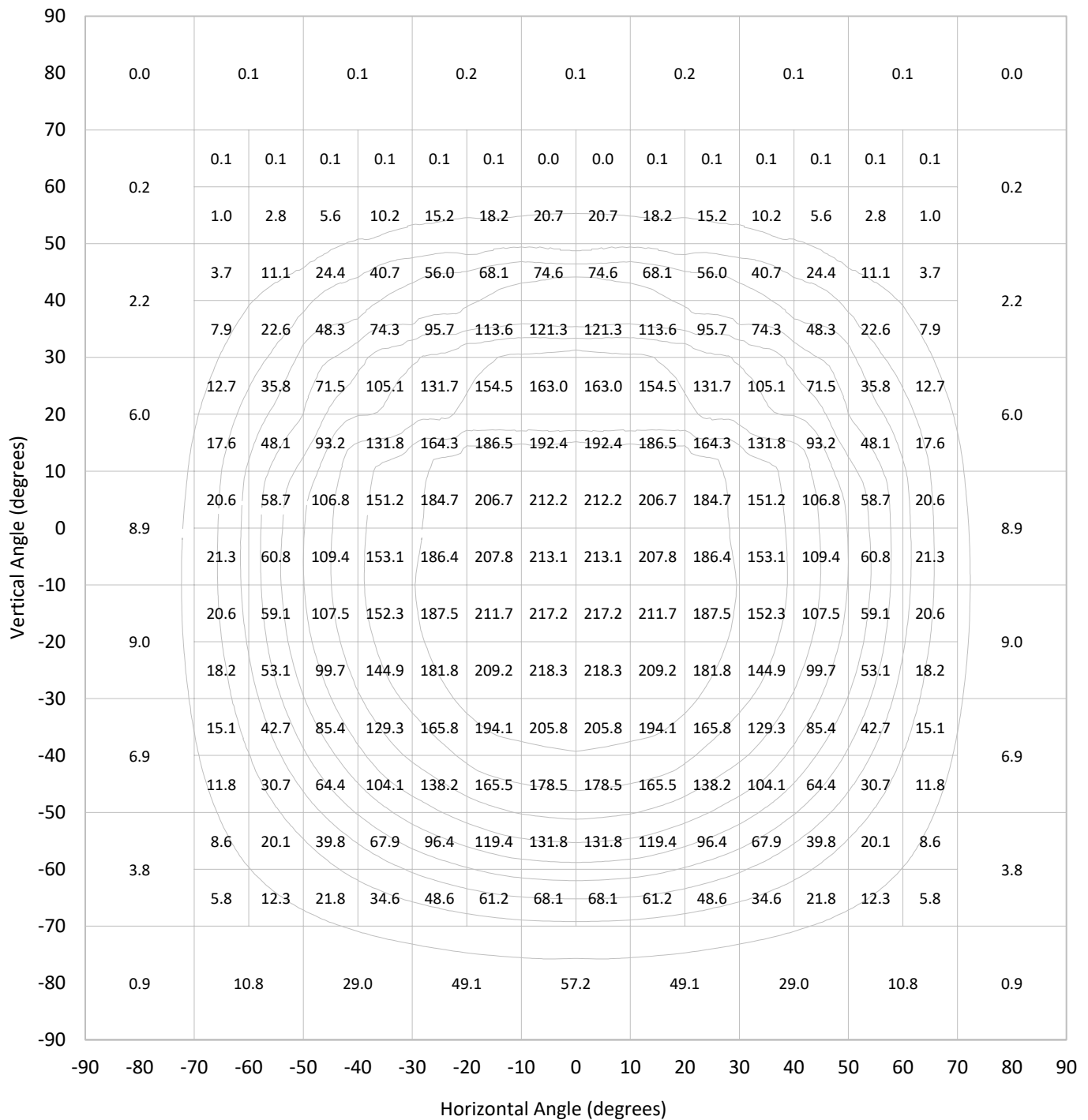
Iso-Candela Plot





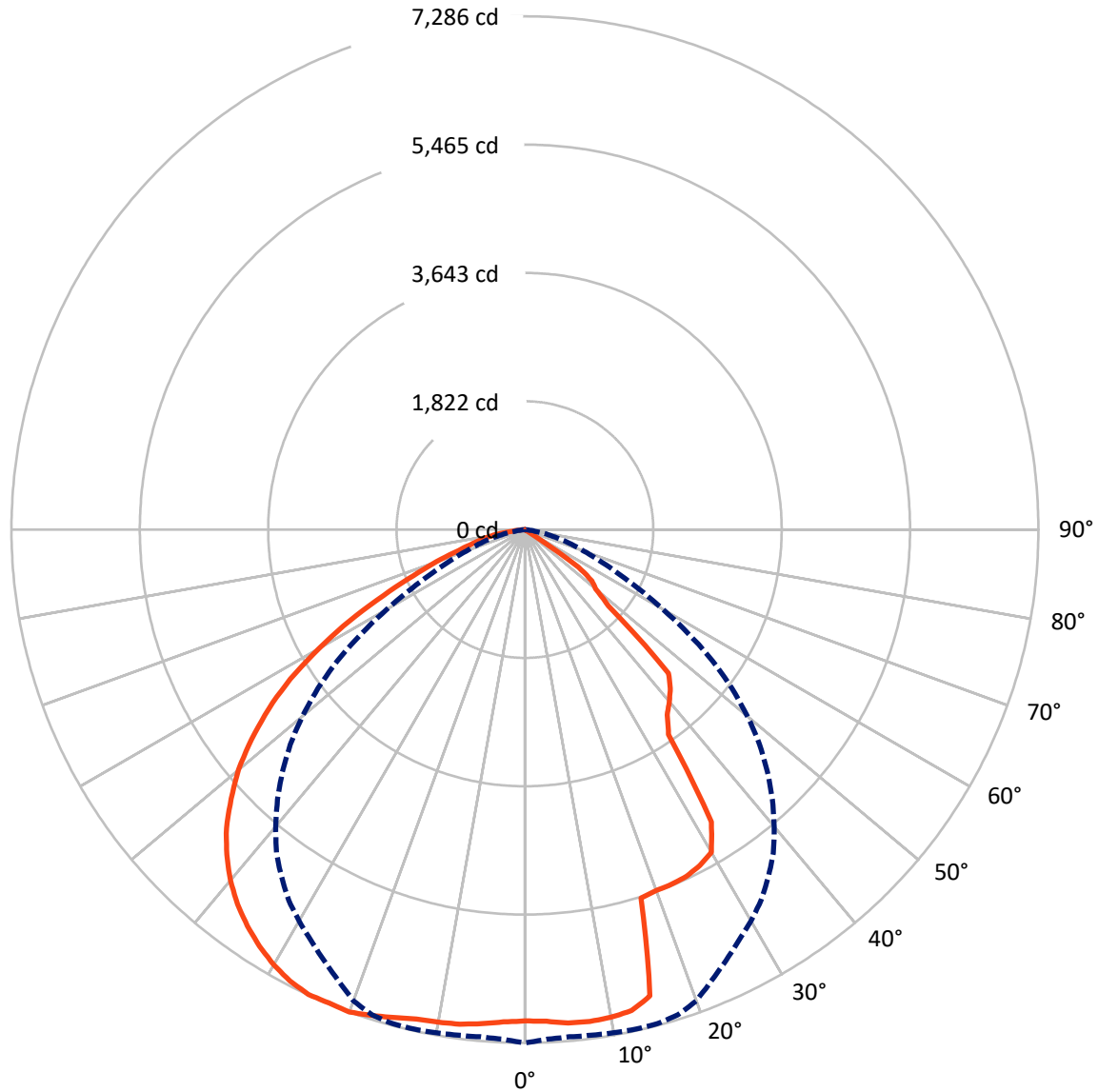
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Lumen Table



REPORT NUMBER: P645549 (CONVERTED FROM TYPE C PHOTOMETRY)
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Luminous Intensity Polar Plot

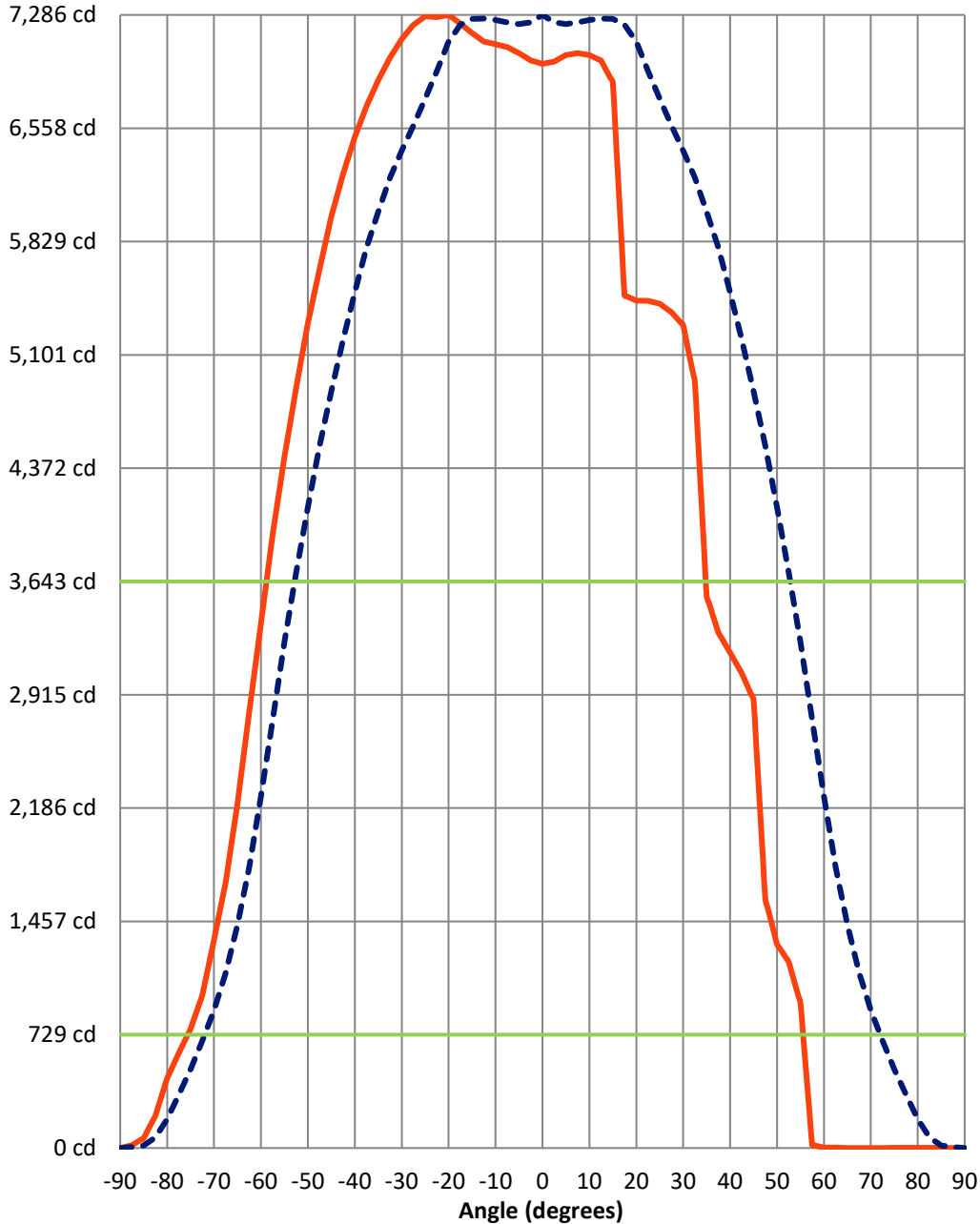


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through -20-Deg



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Luminous Intensity Plot



Beam:
 H Angle: 105.6°
 V Angle: 93.7°
 Lumens: 13356.4
 Efficiency: 78.2%

Field:
 H Angle: 144°
 V Angle: 131.2°
 Lumens: 16746.1
 Efficiency: 98.0%

Spill:
 Lumens: 339.3
 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	0.2	0.3	0.4	0.5	0.7	0.8	0.8	0.8	0.8	0.7
85°	0.0	0.3	0.5	0.8	1.1	1.3	1.6	1.6	1.6	1.5	1.4
82.5°	0.0	0.5	0.8	1.2	1.6	2.0	2.4	2.5	2.4	2.0	1.6
80°	0.0	0.7	1.1	1.6	2.1	2.7	3.1	2.8	2.4	2.0	1.7
77.5°	0.0	0.8	1.4	2.0	2.7	3.1	3.1	2.8	2.4	2.0	1.7
75°	0.0	1.0	1.6	2.4	3.1	3.2	3.1	2.8	2.4	2.1	1.7
72.5°	0.0	1.2	1.9	2.8	3.3	3.3	3.2	2.8	2.5	2.1	1.8
70°	0.0	1.3	2.2	3.1	3.4	3.5	3.3	2.9	2.5	2.2	2.5
67.5°	0.0	1.5	2.5	3.3	3.6	3.6	3.6	2.9	2.6	3.5	3.5
65°	0.0	1.7	2.7	3.4	3.7	4.1	4.2	3.0	4.1	4.9	6.1
62.5°	0.0	1.8	3.0	3.6	3.9	5.1	4.9	4.1	5.7	8.5	13.5
60°	0.0	2.0	3.3	3.8	4.1	6.2	5.7	5.8	7.4	21.6	23.5
57.5°	0.0	2.2	3.5	3.9	5.3	7.5	10.6	8.3	21.1	36.7	42.6
55°	0.0	2.3	3.7	4.1	6.6	8.8	17.0	13.4	39.2	56.6	69.0
52.5°	0.0	2.5	3.8	4.3	8.0	11.3	24.3	34.0	58.9	88.9	100.1
50°	0.0	2.6	4.0	4.5	9.4	19.3	32.8	57.6	84.2	124.7	156.4
47.5°	0.0	2.8	4.2	4.9	10.9	27.9	44.1	82.2	121.3	164.2	213.8
45°	0.0	2.9	4.4	6.1	12.4	37.1	66.5	107.9	162.9	214.0	269.7
42.5°	0.0	3.1	4.6	7.3	14.0	46.9	89.5	140.7	205.2	262.6	334.0
40°	0.0	3.2	4.8	8.8	18.9	57.2	113.0	177.8	248.7	310.1	403.0
37.5°	0.0	3.3	5.0	10.6	27.0	68.2	137.0	215.1	294.4	367.3	474.9
35°	0.0	3.5	5.2	12.7	35.2	84.7	161.3	252.4	340.8	437.6	560.0
32.5°	0.0	3.6	5.4	15.0	43.5	103.9	187.7	289.5	387.8	508.3	663.4
30°	0.0	3.7	5.6	17.4	51.9	122.9	217.9	326.9	435.2	579.1	762.6
27.5°	0.0	3.8	5.8	20.1	62.3	141.7	247.4	366.0	487.3	649.8	857.5
25°	0.0	4.0	6.0	22.8	73.0	160.2	276.3	404.6	546.1	727.0	947.9
22.5°	0.0	4.1	6.2	25.7	83.6	179.1	304.3	442.6	603.7	804.2	1039.4
20°	0.0	4.2	6.4	28.7	94.1	199.3	331.3	479.7	659.8	877.1	1128.7
17.5°	0.0	4.3	6.6	31.7	104.4	218.9	358.1	515.8	714.1	945.4	1215.2
15°	0.0	4.3	6.8	34.7	114.5	237.8	383.9	549.4	766.3	1009.1	1298.4
12.5°	0.0	4.4	7.0	37.8	124.3	255.7	407.9	579.3	807.9	1068.2	1377.4
10°	0.0	4.5	7.2	40.7	133.6	272.7	430.2	606.9	839.0	1103.6	1441.8
7.5°	0.0	4.6	7.3	43.6	142.4	288.5	450.8	632.0	865.4	1131.0	1479.4
5°	0.0	4.6	7.5	46.4	150.6	303.1	469.4	654.6	887.5	1153.2	1510.0
2.5°	0.0	4.7	7.7	48.9	158.2	316.4	486.1	674.7	905.4	1170.2	1533.4
0°	0.0	4.7	7.8	51.3	164.9	328.2	500.9	692.2	919.4	1182.3	1549.4
-2.5°	0.0	5.0	9.0	54.7	171.2	335.7	508.2	702.4	924.4	1197.5	1559.9
-5°	0.0	5.2	10.2	57.7	176.5	341.6	513.6	709.9	926.2	1207.4	1563.2
-7.5°	0.0	5.5	11.4	60.5	180.9	345.9	517.0	714.6	924.9	1211.5	1559.7
-10°	0.0	5.7	12.5	62.9	184.2	348.6	518.6	716.3	920.9	1209.1	1549.8
-12.5°	0.0	5.9	13.6	64.9	186.4	349.7	518.3	715.2	914.5	1199.3	1532.8
-15°	0.0	6.1	14.6	66.5	187.4	349.2	516.2	711.0	907.3	1180.3	1508.1
-17.5°	0.0	6.3	15.5	67.6	187.3	347.1	512.5	702.4	898.5	1156.5	1476.0
-20°	0.0	6.4	16.4	68.3	185.9	343.4	506.6	690.1	885.9	1128.2	1436.4

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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°	0.0	6.5	17.2	68.5	183.3	338.2	498.1	675.4	869.6	1095.6	1389.4
-25°	0.0	6.6	17.8	68.2	179.4	330.0	487.7	658.4	849.4	1058.8	1334.9
-27.5°	0.0	6.7	18.4	67.4	174.2	319.9	475.3	639.0	825.3	1023.2	1286.7
-30°	0.0	6.8	18.9	66.0	167.6	308.4	461.0	617.4	798.9	993.1	1235.2
-32.5°	0.0	6.8	19.3	64.1	160.0	295.5	444.7	597.4	771.0	958.3	1180.1
-35°	0.0	6.8	19.5	61.6	151.5	281.2	427.2	576.3	740.8	918.9	1121.6
-37.5°	0.0	6.7	19.7	58.5	142.2	266.9	408.2	553.1	708.5	874.8	1063.8
-40°	0.0	6.7	19.7	54.9	132.0	253.9	387.9	527.6	674.0	833.2	1006.8
-42.5°	0.0	6.6	19.6	50.9	124.3	240.1	366.1	500.0	640.8	789.3	945.4
-45°	0.0	6.4	19.3	46.9	119.1	225.3	342.9	471.5	606.8	742.4	881.8
-47.5°	0.0	6.3	19.0	42.4	112.9	209.7	318.5	442.9	570.3	693.2	826.8
-50°	0.0	6.1	18.5	40.9	105.7	193.2	298.0	412.9	530.0	648.1	769.2
-52.5°	0.0	5.9	17.9	40.1	97.7	176.0	277.6	381.6	491.4	601.6	710.1
-55°	0.0	5.6	17.2	38.8	88.7	162.9	256.3	349.9	452.7	553.8	657.6
-57.5°	0.0	5.3	16.4	37.1	79.0	149.7	234.3	324.8	412.7	508.0	604.0
-60°	0.0	5.0	15.4	35.0	68.7	135.2	211.9	296.9	372.6	461.8	550.4
-62.5°	0.0	4.7	14.5	32.5	63.8	119.6	191.4	266.7	335.6	414.3	497.9
-65°	0.0	4.4	13.5	29.7	58.2	102.9	169.5	235.3	296.4	366.6	444.2
-67.5°	0.0	4.0	12.4	26.5	52.0	89.0	146.2	204.1	255.1	316.8	386.2
-70°	0.0	3.6	11.2	23.0	45.3	77.9	121.7	172.2	218.0	264.8	324.4
-72.5°	0.0	3.2	9.9	20.2	38.0	65.9	102.9	139.6	180.3	221.7	263.5
-75°	0.0	2.8	8.6	17.6	30.2	53.2	84.1	112.5	142.0	178.0	214.5
-77.5°	0.0	2.3	7.3	14.8	25.0	39.9	64.4	87.0	110.4	135.8	164.7
-80°	0.0	1.9	5.9	12.0	20.2	30.4	44.0	60.9	79.1	98.7	119.8
-82.5°	0.0	1.4	4.4	9.0	15.2	23.0	32.3	39.1	47.2	61.1	76.0
-85°	0.0	0.9	3.0	6.1	10.2	15.4	21.6	26.1	30.8	35.6	40.7
-87.5°	0.0	0.5	1.5	3.0	5.1	7.7	10.9	13.1	15.4	17.8	20.4
-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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 CATALOG NUMBER: GFLD-SA6B-727-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°	0.7	0.8	0.9	0.9	1.0	1.0	1.1	1.1	1.2	1.2	1.3
85°	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
82.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
80°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
77.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
75°	1.6	1.6	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6
72.5°	1.8	2.0	2.0	1.8	1.6	1.6	1.6	1.6	1.6	1.6	1.6
70°	2.5	2.5	2.2	1.8	1.6	1.7	1.8	1.8	1.6	1.6	1.6
67.5°	3.0	2.6	2.3	2.2	2.2	2.4	2.3	1.9	1.6	1.6	1.6
65°	3.1	2.7	3.9	4.4	3.2	2.8	2.4	2.0	2.2	2.2	2.3
62.5°	4.6	5.8	7.4	13.1	9.8	2.9	5.1	6.1	4.4	3.7	3.9
60°	15.2	10.3	30.6	43.9	27.4	10.0	12.2	40.6	35.2	6.5	22.0
57.5°	31.9	43.8	80.7	82.2	56.9	39.3	114.1	131.8	99.7	58.2	89.0
55°	70.3	108.0	133.8	123.9	135.3	205.0	243.5	218.8	184.1	283.3	362.0
52.5°	137.4	175.9	184.6	212.0	303.5	348.7	334.1	357.3	463.4	575.5	599.8
50°	202.8	234.3	258.9	374.3	445.9	450.4	483.6	588.7	730.2	798.8	782.2
47.5°	266.0	298.7	413.1	524.0	556.1	600.2	683.3	886.1	1035.9	1038.8	1021.9
45°	332.9	420.1	566.1	638.4	690.6	775.7	976.4	1256.1	1270.7	1311.3	1561.3
42.5°	404.5	557.2	684.6	759.8	844.0	1003.0	1270.8	1454.3	1517.4	1695.4	1896.4
40°	520.4	689.6	800.9	897.0	1005.4	1237.3	1530.6	1702.6	1753.9	1907.9	2059.1
37.5°	637.9	800.2	924.9	1040.9	1191.1	1504.1	1843.5	1985.3	2011.2	2039.4	2374.3
35°	751.1	913.6	1062.9	1214.7	1398.8	1849.5	2146.1	2279.5	2275.3	2465.5	2816.2
32.5°	857.0	1029.6	1205.7	1408.8	1712.7	2174.4	2471.1	2550.9	2672.0	2948.7	3427.3
30°	962.7	1158.9	1361.2	1603.1	1988.0	2388.2	2726.9	2855.3	3062.9	3378.6	3726.9
27.5°	1071.6	1291.5	1536.1	1819.6	2205.3	2573.2	2862.5	3169.4	3371.0	3653.9	3901.8
25°	1180.0	1431.9	1708.8	2008.8	2360.7	2703.6	3002.8	3357.2	3573.6	3801.8	4033.0
22.5°	1293.7	1574.2	1886.9	2158.8	2491.7	2814.4	3170.6	3555.0	3836.4	3981.4	4136.6
20°	1412.6	1728.2	2061.8	2362.9	2620.9	2917.3	3339.0	3806.1	4169.5	4332.6	4353.9
17.5°	1529.7	1877.4	2236.0	2562.1	2840.4	3104.1	3515.9	4107.0	4558.8	4710.5	4777.9
15°	1644.0	2020.9	2409.4	2755.9	3061.4	3383.9	3823.7	4424.8	4941.2	5109.1	5215.2
12.5°	1754.2	2157.7	2579.9	2943.3	3282.6	3644.4	4103.1	4653.3	5124.8	5449.4	5644.2
10°	1859.3	2286.9	2745.4	3123.2	3501.2	3885.9	4334.3	4823.6	5207.4	5520.5	5796.9
7.5°	1912.3	2371.4	2887.6	3294.4	3714.4	4109.1	4523.7	4943.7	5266.9	5574.1	5841.3
5°	1948.3	2406.0	2932.1	3354.0	3827.6	4258.1	4660.5	5022.5	5305.8	5610.2	5871.2
2.5°	1974.1	2428.5	2962.1	3386.7	3870.2	4303.8	4700.0	5048.9	5337.8	5636.0	5903.3
0°	1989.6	2439.2	2977.5	3406.8	3896.8	4333.9	4722.9	5058.9	5359.1	5648.4	5936.2
-2.5°	1998.4	2471.8	2987.7	3458.4	3922.5	4359.9	4754.9	5082.9	5396.6	5672.0	5960.5
-5°	1997.3	2491.3	2985.0	3493.1	3934.8	4370.0	4771.0	5093.8	5416.9	5689.6	5970.3
-7.5°	1986.5	2495.8	2971.5	3504.0	3935.3	4366.6	4763.9	5099.0	5416.6	5705.7	5971.2
-10°	1967.1	2478.2	2959.1	3475.9	3920.3	4348.9	4742.4	5087.5	5404.0	5702.5	5966.1
-12.5°	1944.3	2441.8	2933.2	3435.4	3889.6	4315.8	4709.7	5058.4	5380.3	5678.1	5954.2
-15°	1910.1	2393.4	2890.5	3384.0	3842.9	4267.7	4667.3	5010.9	5343.8	5635.4	5918.9
-17.5°	1864.1	2333.5	2830.6	3323.0	3780.0	4204.9	4612.9	4948.1	5279.5	5580.7	5854.3
-20°	1806.2	2262.4	2752.7	3253.7	3700.1	4120.6	4515.9	4866.9	5196.1	5502.5	5790.0



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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°	1736.2	2180.8	2658.8	3160.1	3600.5	4016.2	4406.8	4763.4	5104.6	5400.9	5707.3
-25°	1666.0	2094.5	2555.2	3030.5	3484.8	3898.7	4290.5	4637.8	4986.5	5294.8	5585.8
-27.5°	1598.8	1994.4	2434.8	2887.9	3353.7	3765.6	4153.8	4501.5	4839.9	5177.0	5457.2
-30°	1523.4	1878.5	2302.9	2735.6	3189.7	3609.1	4000.3	4361.0	4683.1	5015.9	5316.7
-32.5°	1440.2	1755.7	2163.5	2579.8	3008.0	3436.7	3824.2	4182.5	4517.6	4832.4	5148.2
-35°	1358.8	1656.4	2015.9	2412.5	2815.5	3236.0	3623.8	3978.7	4326.5	4638.3	4940.0
-37.5°	1285.5	1549.0	1859.0	2237.9	2622.9	3020.7	3415.1	3758.6	4089.6	4432.4	4726.6
-40°	1206.3	1433.6	1723.0	2058.0	2420.8	2799.1	3176.7	3532.2	3843.3	4182.1	4505.7
-42.5°	1123.4	1339.6	1588.9	1867.5	2210.1	2566.7	2931.2	3278.9	3602.0	3921.6	4242.3
-45°	1050.7	1240.1	1452.5	1707.0	1985.9	2321.3	2666.5	3013.0	3323.1	3627.7	3944.4
-47.5°	973.4	1140.2	1336.5	1539.8	1782.2	2062.7	2387.2	2706.9	3024.3	3314.1	3594.3
-50°	896.5	1050.2	1211.5	1394.5	1594.5	1821.9	2091.5	2388.6	2678.5	2976.1	3253.7
-52.5°	830.2	955.5	1101.3	1254.0	1425.2	1613.3	1829.3	2073.4	2337.0	2589.6	2866.6
-55°	761.3	874.3	992.0	1126.4	1269.0	1427.7	1604.7	1809.9	2011.1	2244.6	2470.7
-57.5°	698.6	793.8	894.2	1005.2	1129.0	1256.1	1410.8	1570.4	1752.9	1934.5	2113.5
-60°	639.4	717.2	802.4	896.4	995.9	1108.9	1224.5	1361.5	1508.6	1653.4	1805.3
-62.5°	579.8	645.2	714.6	792.7	879.5	964.9	1063.5	1169.1	1277.3	1400.1	1519.9
-65°	518.4	571.4	630.2	695.0	764.2	837.0	912.7	990.9	1083.0	1172.9	1260.0
-67.5°	453.3	498.6	546.2	597.2	655.3	712.4	769.4	835.5	903.2	969.9	1038.9
-70°	381.1	423.8	463.5	504.8	548.0	592.7	641.5	689.9	737.7	787.6	843.0
-72.5°	307.7	347.0	381.9	412.4	447.8	485.0	520.7	554.7	590.7	628.6	666.1
-75°	245.4	271.4	302.5	331.0	359.2	385.4	408.9	437.7	467.8	495.3	518.0
-77.5°	191.5	215.1	236.5	255.6	278.0	304.2	327.1	346.7	365.9	386.7	408.8
-80°	139.3	158.9	178.4	196.1	209.0	223.8	241.3	261.3	278.8	292.9	305.8
-82.5°	90.0	104.1	118.6	133.3	139.3	143.4	147.2	154.1	164.9	175.6	185.7
-85°	44.8	48.9	57.8	66.8	69.9	72.1	73.6	74.4	78.1	81.4	84.4
-87.5°	22.4	24.5	26.5	28.6	27.5	26.0	24.2	22.0	21.5	20.8	20.0
-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°	1.3	1.3	1.4	1.4	1.5	1.1	0.8	0.4	0.0	0.0	0.0
85°	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.2	0.8
82.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
80°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
77.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
75°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
72.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
70°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
67.5°	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.4	1.0
65°	2.2	2.2	2.3	2.2	1.9	1.9	2.0	1.9	1.7	1.4	1.0
62.5°	3.9	4.4	3.5	3.5	3.4	3.3	3.1	3.0	2.8	2.6	2.7
60°	24.4	14.4	8.5	9.9	8.9	5.9	7.5	8.8	8.9	8.1	7.2
57.5°	135.2	101.0	74.8	178.5	179.1	85.5	103.0	161.8	133.3	43.8	40.6
55°	376.2	449.9	592.1	562.4	571.6	657.4	717.8	635.5	623.0	663.9	766.9
52.5°	675.8	746.1	793.9	838.7	893.2	951.7	1012.0	1050.4	1086.3	1124.5	1147.2
50°	863.0	962.0	1030.1	1005.1	1146.0	1203.7	1145.1	1197.5	1261.3	1278.8	1287.0
47.5°	1274.2	1419.6	1448.4	1542.0	1626.1	1624.3	1552.9	1557.0	1747.1	1914.7	1997.1
45°	1831.3	1836.3	1927.6	2092.9	2211.0	2173.8	2273.5	2500.2	2575.7	2648.6	2708.4
42.5°	2048.3	2138.2	2284.0	2430.1	2518.2	2594.6	2668.4	2751.7	2849.7	2929.2	2992.7
40°	2258.4	2330.9	2480.1	2597.9	2670.8	2742.1	2828.1	2920.4	3010.1	3079.9	3127.6
37.5°	2581.8	2638.0	2674.3	2783.6	2921.6	2857.9	3021.1	3138.1	3191.6	3262.5	3268.9
35°	3071.1	3033.7	2985.3	3420.3	3446.3	3299.4	3452.1	3633.5	3537.8	3737.0	3844.1
32.5°	3504.9	3499.3	3878.9	4107.5	3976.0	4083.4	4435.3	4419.7	4654.2	4763.0	4732.0
30°	3913.5	4053.0	4272.5	4442.8	4465.7	4635.0	4791.2	4928.1	5069.7	5196.6	5205.3
27.5°	4121.0	4303.0	4452.0	4550.6	4660.5	4803.0	4944.8	5099.0	5219.4	5298.9	5318.4
25°	4246.5	4432.4	4545.3	4651.3	4772.7	4895.6	5054.4	5222.3	5319.0	5368.1	5383.8
22.5°	4357.2	4524.2	4645.5	4731.6	4862.2	4994.5	5142.4	5284.6	5389.7	5411.1	5419.0
20°	4463.7	4624.2	4826.8	4953.5	4947.2	5096.1	5238.8	5351.8	5439.4	5438.9	5441.0
17.5°	4771.8	4829.1	5196.7	5475.9	5337.7	5264.8	5657.0	5664.5	5687.8	5641.4	5541.1
15°	5227.9	5332.2	5783.9	6086.5	5991.3	5986.3	6552.8	6412.4	6533.3	6501.6	6637.7
12.5°	5711.1	5834.6	6172.1	6469.3	6610.9	6645.7	6835.0	7012.3	7048.7	7034.3	7007.6
10°	6040.3	6216.2	6351.8	6532.2	6675.0	6820.6	6930.3	7057.6	7099.3	7075.2	7041.1
7.5°	6083.2	6257.0	6416.2	6574.5	6710.5	6827.9	6941.6	7045.3	7087.7	7073.7	7050.3
5°	6110.4	6267.9	6422.2	6582.8	6712.8	6821.6	6935.0	7040.0	7065.0	7048.2	7025.4
2.5°	6127.2	6273.0	6421.7	6581.6	6699.8	6803.3	6918.0	7030.1	7029.9	7022.5	7009.2
0°	6135.4	6281.6	6454.3	6598.9	6731.2	6829.2	6942.7	7051.6	7043.8	7023.6	7000.3
-2.5°	6152.8	6301.0	6477.2	6597.1	6746.2	6835.9	6953.3	7047.6	7044.0	7034.1	7022.5
-5°	6168.4	6335.0	6499.9	6626.0	6775.4	6892.8	7009.5	7083.2	7087.2	7073.3	7053.8
-7.5°	6177.9	6362.6	6519.9	6646.5	6791.5	6928.0	7046.4	7123.7	7125.4	7107.0	7083.8
-10°	6174.8	6369.8	6531.6	6662.5	6811.0	6945.7	7069.5	7167.6	7164.4	7146.9	7127.0
-12.5°	6163.1	6357.9	6524.1	6655.4	6824.0	6962.7	7101.9	7199.5	7204.7	7191.5	7170.0
-15°	6137.4	6338.6	6500.3	6643.7	6808.8	6971.0	7114.0	7221.7	7240.9	7230.2	7213.2
-17.5°	6086.8	6299.0	6470.6	6625.0	6783.5	6956.4	7119.0	7236.7	7263.0	7258.8	7244.7
-20°	6020.2	6239.2	6413.4	6575.2	6747.7	6925.9	7115.1	7222.7	7260.8	7263.2	7253.6



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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°	5945.5	6159.9	6344.6	6503.8	6690.9	6871.1	7042.5	7168.5	7232.6	7244.4	7245.2
-25°	5855.9	6076.3	6259.8	6429.2	6603.2	6789.5	6962.6	7103.3	7168.2	7199.2	7208.8
-27.5°	5729.4	5957.1	6137.7	6316.7	6493.8	6686.1	6868.1	7021.1	7073.9	7116.5	7133.6
-30°	5581.1	5806.2	5990.4	6154.1	6356.6	6552.7	6740.5	6874.0	6953.6	7002.4	7029.0
-32.5°	5410.5	5637.9	5831.1	6002.1	6194.6	6390.6	6567.4	6708.1	6817.9	6874.1	6902.6
-35°	5225.6	5457.7	5660.0	5840.1	6021.3	6208.3	6391.4	6538.6	6663.6	6712.0	6747.7
-37.5°	5002.6	5258.6	5466.0	5651.8	5824.0	5999.7	6190.4	6358.7	6480.2	6527.1	6564.7
-40°	4773.9	5021.3	5230.6	5428.7	5598.9	5790.8	5974.5	6150.9	6256.2	6310.9	6353.5
-42.5°	4532.4	4756.0	4955.0	5147.4	5337.0	5534.5	5718.1	5901.4	5992.5	6058.4	6110.7
-45°	4253.8	4461.7	4655.1	4835.2	5030.6	5224.8	5408.5	5570.5	5678.9	5764.7	5831.5
-47.5°	3882.2	4135.6	4329.7	4501.0	4694.7	4882.1	5060.0	5212.4	5331.3	5431.7	5509.2
-50°	3504.8	3748.0	3966.9	4159.4	4339.2	4512.4	4681.8	4830.9	4956.7	5065.4	5144.0
-52.5°	3133.2	3361.0	3578.2	3777.0	3949.7	4113.3	4268.3	4418.2	4550.9	4667.2	4743.2
-55°	2713.2	2949.2	3164.1	3349.4	3522.1	3683.7	3836.7	3979.0	4109.6	4228.1	4300.9
-57.5°	2319.3	2526.3	2726.2	2897.3	3060.2	3214.2	3359.3	3495.5	3621.2	3732.7	3802.9
-60°	1957.1	2108.1	2280.2	2438.1	2582.6	2713.6	2849.0	2975.9	3091.4	3189.4	3254.8
-62.5°	1637.1	1762.2	1886.4	2006.5	2123.7	2241.5	2354.8	2460.0	2556.5	2636.8	2694.1
-65°	1351.9	1452.4	1542.3	1627.4	1708.6	1801.5	1887.6	1968.7	2043.7	2105.2	2148.9
-67.5°	1113.2	1183.8	1246.0	1304.4	1368.4	1434.0	1495.5	1549.0	1594.9	1631.3	1660.2
-70°	897.7	949.7	996.5	1043.1	1089.8	1132.4	1173.2	1212.6	1250.0	1280.6	1303.4
-72.5°	703.0	738.5	770.4	806.3	839.9	872.3	900.5	923.2	940.9	958.1	973.0
-75°	536.0	562.7	598.6	629.0	654.1	676.3	696.7	714.8	730.8	744.9	757.3
-77.5°	431.1	453.8	476.7	498.9	520.3	536.2	551.0	565.8	580.4	592.9	603.9
-80°	319.5	336.4	354.1	371.9	389.6	398.4	405.5	412.0	417.8	425.2	432.2
-82.5°	195.4	204.9	214.8	224.7	234.7	237.2	238.0	237.8	236.5	233.8	229.6
-85°	86.9	87.5	87.2	86.2	84.6	81.1	76.9	72.0	66.5	65.7	64.7
-87.5°	19.1	18.7	18.2	17.6	17.0	16.9	16.8	16.7	16.5	17.1	17.6
-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: P645549 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-727-U-LAM-VSR-XX

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	0.4
85°	0.4	0.0	0.0	0.0	0.0	0.0	0.4	0.8	1.2	1.5	1.5
82.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
80°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
77.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
75°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
72.5°	1.6	1.6	0.8	0.0	0.8	1.6	1.6	1.6	1.6	1.6	1.6
70°	1.6	1.6	0.9	0.0	0.9	1.6	1.6	1.6	1.6	1.6	1.6
67.5°	0.6	0.1	0.0	0.0	0.0	0.1	0.6	1.0	1.4	1.6	1.6
65°	0.5	0.1	0.0	0.0	0.0	0.1	0.5	1.0	1.4	1.7	1.9
62.5°	2.8	3.0	3.1	3.1	3.1	3.0	2.8	2.7	2.6	2.8	3.0
60°	5.6	3.7	3.1	3.1	3.1	3.7	5.6	7.2	8.1	8.9	8.8
57.5°	34.3	25.6	21.8	20.2	21.8	25.6	34.3	40.6	43.8	133.3	161.8
55°	840.7	883.5	915.5	930.3	915.5	883.5	840.7	766.9	663.9	623.0	635.5
52.5°	1167.3	1185.9	1196.6	1196.3	1196.6	1185.9	1167.3	1147.2	1124.5	1086.3	1050.4
50°	1301.1	1310.1	1313.4	1311.4	1313.4	1310.1	1301.1	1287.0	1278.8	1261.3	1197.5
47.5°	1921.8	1755.5	1633.2	1603.8	1633.2	1755.5	1921.8	1997.1	1914.7	1747.1	1557.0
45°	2737.1	2800.2	2863.0	2882.6	2863.0	2800.2	2737.1	2708.4	2648.6	2575.7	2500.2
42.5°	3019.5	3040.0	3051.7	3052.1	3051.7	3040.0	3019.5	2992.7	2929.2	2849.7	2751.7
40°	3154.2	3173.6	3184.9	3185.9	3184.9	3173.6	3154.2	3127.6	3079.9	3010.1	2920.4
37.5°	3276.6	3293.1	3304.0	3315.0	3304.0	3293.1	3276.6	3268.9	3262.5	3191.6	3138.1
35°	3829.6	3704.3	3524.1	3551.5	3524.1	3704.3	3829.6	3844.1	3737.0	3537.8	3633.5
32.5°	4780.5	4833.1	4866.0	4922.0	4866.0	4833.1	4780.5	4732.0	4763.0	4654.2	4419.7
30°	5219.2	5236.6	5263.0	5290.7	5263.0	5236.6	5219.2	5205.3	5196.6	5069.7	4928.1
27.5°	5328.7	5346.7	5362.7	5374.7	5362.7	5346.7	5328.7	5318.4	5298.9	5219.4	5099.0
25°	5386.0	5397.1	5414.2	5429.1	5414.2	5397.1	5386.0	5383.8	5368.1	5319.0	5222.3
22.5°	5414.4	5415.6	5428.9	5447.8	5428.9	5415.6	5414.4	5419.0	5411.1	5389.7	5284.6
20°	5433.9	5423.3	5437.1	5449.3	5437.1	5423.3	5433.9	5441.0	5438.9	5439.4	5351.8
17.5°	5682.6	5540.7	5482.4	5483.5	5482.4	5540.7	5682.6	5541.1	5641.4	5687.8	5664.5
15°	6484.9	6538.2	6742.2	6852.5	6742.2	6538.2	6484.9	6637.7	6501.6	6533.3	6412.4
12.5°	7002.7	6983.7	6959.4	6992.5	6959.4	6983.7	7002.7	7007.6	7034.3	7048.7	7012.3
10°	7026.6	7024.4	6981.3	7028.3	6981.3	7024.4	7026.6	7041.1	7075.2	7099.3	7057.6
7.5°	7011.9	7013.2	6994.9	7040.7	6994.9	7013.2	7011.9	7050.3	7073.7	7087.7	7045.3
5°	7021.7	6990.0	7002.0	7028.3	7002.0	6990.0	7021.7	7025.4	7048.2	7065.0	7040.0
2.5°	6994.5	6991.2	6967.9	6986.3	6967.9	6991.2	6994.5	7009.2	7022.5	7029.9	7030.1
0°	6973.8	6956.7	6956.7	6972.3	6956.7	6956.7	6973.8	7000.3	7023.6	7043.8	7051.6
-2.5°	7010.6	7007.0	7004.8	6994.1	7004.8	7007.0	7010.6	7022.5	7034.1	7044.0	7047.6
-5°	7040.8	7031.7	7006.1	7040.7	7006.1	7031.7	7040.8	7053.8	7073.3	7087.2	7083.2
-7.5°	7073.4	7049.7	7025.6	7079.6	7025.6	7049.7	7073.4	7083.8	7107.0	7125.4	7123.7
-10°	7103.1	7068.9	7045.4	7098.3	7045.4	7068.9	7103.1	7127.0	7146.9	7164.4	7167.6
-12.5°	7142.4	7102.4	7086.7	7115.4	7086.7	7102.4	7142.4	7170.0	7191.5	7204.7	7199.5
-15°	7184.3	7156.6	7152.9	7169.8	7152.9	7156.6	7184.3	7213.2	7230.2	7240.9	7221.7
-17.5°	7221.1	7201.6	7211.3	7230.5	7211.3	7201.6	7221.1	7244.7	7258.8	7263.0	7236.7
-20°	7238.6	7227.8	7238.6	7286.5	7238.6	7227.8	7238.6	7253.6	7263.2	7260.8	7222.7

Classified

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

Scaled Data Report



REPORT NUMBER: P645549 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6B-727-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°	7237.1	7237.8	7256.8	7272.5	7256.8	7237.8	7237.1	7245.2	7244.4	7232.6	7168.5
-25°	7209.5	7224.0	7245.9	7277.2	7245.9	7224.0	7209.5	7208.8	7199.2	7168.2	7103.3
-27.5°	7142.9	7167.0	7189.9	7222.7	7189.9	7167.0	7142.9	7133.6	7116.5	7073.9	7021.1
-30°	7046.6	7075.3	7095.7	7130.9	7095.7	7075.3	7046.6	7029.0	7002.4	6953.6	6874.0
-32.5°	6929.4	6962.0	6986.0	7011.2	6986.0	6962.0	6929.4	6902.6	6874.1	6817.9	6708.1
-35°	6782.9	6818.0	6843.6	6866.5	6843.6	6818.0	6782.9	6747.7	6712.0	6663.6	6538.6
-37.5°	6606.9	6644.7	6673.9	6700.0	6673.9	6644.7	6606.9	6564.7	6527.1	6480.2	6358.7
-40°	6401.9	6440.7	6471.8	6500.9	6471.8	6440.7	6401.9	6353.5	6310.9	6256.2	6150.9
-42.5°	6162.1	6201.2	6233.4	6262.9	6233.4	6201.2	6162.1	6110.7	6058.4	5992.5	5901.4
-45°	5885.3	5925.6	5959.5	5990.7	5959.5	5925.6	5885.3	5831.5	5764.7	5678.9	5570.5
-47.5°	5566.4	5609.5	5638.5	5653.1	5638.5	5609.5	5566.4	5509.2	5431.7	5331.3	5212.4
-50°	5200.9	5244.0	5278.9	5304.7	5278.9	5244.0	5200.9	5144.0	5065.4	4956.7	4830.9
-52.5°	4798.6	4839.5	4869.6	4887.7	4869.6	4839.5	4798.6	4743.2	4667.2	4550.9	4418.2
-55°	4358.1	4401.0	4429.5	4442.8	4429.5	4401.0	4358.1	4300.9	4228.1	4109.6	3979.0
-57.5°	3858.5	3899.2	3929.5	3946.6	3929.5	3899.2	3858.5	3802.9	3732.7	3621.2	3495.5
-60°	3305.8	3342.2	3365.1	3374.1	3365.1	3342.2	3305.8	3254.8	3189.4	3091.4	2975.9
-62.5°	2740.4	2774.9	2796.4	2804.8	2796.4	2774.9	2740.4	2694.1	2636.8	2556.5	2460.0
-65°	2181.5	2203.1	2215.1	2216.8	2215.1	2203.1	2181.5	2148.9	2105.2	2043.7	1968.7
-67.5°	1682.9	1699.3	1709.3	1712.7	1709.3	1699.3	1682.9	1660.2	1631.3	1594.9	1549.0
-70°	1320.5	1331.9	1338.3	1339.4	1338.3	1331.9	1320.5	1303.4	1280.6	1250.0	1212.6
-72.5°	984.5	992.7	989.8	983.1	989.8	992.7	984.5	973.0	958.1	940.9	923.2
-75°	768.0	777.0	773.2	766.9	773.2	777.0	768.0	757.3	744.9	730.8	714.8
-77.5°	613.6	621.8	617.7	611.4	617.7	621.8	613.6	603.9	592.9	580.4	565.8
-80°	438.2	443.0	446.3	448.0	446.3	443.0	438.2	432.2	425.2	417.8	412.0
-82.5°	224.2	217.6	213.5	208.5	213.5	217.6	224.2	229.6	233.8	236.5	237.8
-85°	63.4	61.9	62.9	63.8	62.9	61.9	63.4	64.7	65.7	66.5	72.0
-87.5°	18.1	18.6	18.7	18.7	18.7	18.6	18.1	17.6	17.1	16.5	16.7
-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: P645549 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-727-U-LAM-VSR-XX

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°	0.8	1.1	1.5	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.1
85°	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
82.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
80°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
77.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
75°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
72.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
70°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.8
67.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.6	1.6	1.6	1.9
65°	2.0	1.9	1.9	2.2	2.3	2.2	2.2	2.3	2.2	2.2	2.0
62.5°	3.1	3.3	3.4	3.5	3.5	4.4	3.9	3.9	3.7	4.4	6.1
60°	7.5	5.9	8.9	9.9	8.5	14.4	24.4	22.0	6.5	35.2	40.6
57.5°	103.0	85.5	179.1	178.5	74.8	101.0	135.2	89.0	58.2	99.7	131.8
55°	717.8	657.4	571.6	562.4	592.1	449.9	376.2	362.0	283.3	184.1	218.8
52.5°	1012.0	951.7	893.2	838.7	793.9	746.1	675.8	599.8	575.5	463.4	357.3
50°	1145.1	1203.7	1146.0	1005.1	1030.1	962.0	863.0	782.2	798.8	730.2	588.7
47.5°	1552.9	1624.3	1626.1	1542.0	1448.4	1419.6	1274.2	1021.9	1038.8	1035.9	886.1
45°	2273.5	2173.8	2211.0	2092.9	1927.6	1836.3	1831.3	1561.3	1311.3	1270.7	1256.1
42.5°	2668.4	2594.6	2518.2	2430.1	2284.0	2138.2	2048.3	1896.4	1695.4	1517.4	1454.3
40°	2828.1	2742.1	2670.8	2597.9	2480.1	2330.9	2258.4	2059.1	1907.9	1753.9	1702.6
37.5°	3021.1	2857.9	2921.6	2783.6	2674.3	2638.0	2581.8	2374.3	2039.4	2011.2	1985.3
35°	3452.1	3299.4	3446.3	3420.3	2985.3	3033.7	3071.1	2816.2	2465.5	2275.3	2279.5
32.5°	4435.3	4083.4	3976.0	4107.5	3878.9	3499.3	3504.9	3427.3	2948.7	2672.0	2550.9
30°	4791.2	4635.0	4465.7	4442.8	4272.5	4053.0	3913.5	3726.9	3378.6	3062.9	2855.3
27.5°	4944.8	4803.0	4660.5	4550.6	4452.0	4303.0	4121.0	3901.8	3653.9	3371.0	3169.4
25°	5054.4	4895.6	4772.7	4651.3	4545.3	4432.4	4246.5	4033.0	3801.8	3573.6	3357.2
22.5°	5142.4	4994.5	4862.2	4731.6	4645.5	4524.2	4357.2	4136.6	3981.4	3836.4	3555.0
20°	5238.8	5096.1	4947.2	4953.5	4826.8	4624.2	4463.7	4353.9	4332.6	4169.5	3806.1
17.5°	5657.0	5264.8	5337.7	5475.9	5196.7	4829.1	4771.8	4777.9	4710.5	4558.8	4107.0
15°	6552.8	5986.3	5991.3	6086.5	5783.9	5332.2	5227.9	5215.2	5109.1	4941.2	4424.8
12.5°	6835.0	6645.7	6610.9	6469.3	6172.1	5834.6	5711.1	5644.2	5449.4	5124.8	4653.3
10°	6930.3	6820.6	6675.0	6532.2	6351.8	6216.2	6040.3	5796.9	5520.5	5207.4	4823.6
7.5°	6941.6	6827.9	6710.5	6574.5	6416.2	6257.0	6083.2	5841.3	5574.1	5266.9	4943.7
5°	6935.0	6821.6	6712.8	6582.8	6422.2	6267.9	6110.4	5871.2	5610.2	5305.8	5022.5
2.5°	6918.0	6803.3	6699.8	6581.6	6421.7	6273.0	6127.2	5903.3	5636.0	5337.8	5048.9
0°	6942.7	6829.2	6731.2	6598.9	6454.3	6281.6	6135.4	5936.2	5648.4	5359.1	5058.9
-2.5°	6953.3	6835.9	6746.2	6597.1	6477.2	6301.0	6152.8	5960.5	5672.0	5396.6	5082.9
-5°	7009.5	6892.8	6775.4	6626.0	6499.9	6335.0	6168.4	5970.3	5689.6	5416.9	5093.8
-7.5°	7046.4	6928.0	6791.5	6646.5	6519.9	6362.6	6177.9	5971.2	5705.7	5416.6	5099.0
-10°	7069.5	6945.7	6811.0	6662.5	6531.6	6369.8	6174.8	5966.1	5702.5	5404.0	5087.5
-12.5°	7101.9	6962.7	6824.0	6655.4	6524.1	6357.9	6163.1	5954.2	5678.1	5380.3	5058.4
-15°	7114.0	6971.0	6808.8	6643.7	6500.3	6338.6	6137.4	5918.9	5635.4	5343.8	5010.9
-17.5°	7119.0	6956.4	6783.5	6625.0	6470.6	6299.0	6086.8	5854.3	5580.7	5279.5	4948.1
-20°	7115.1	6925.9	6747.7	6575.2	6413.4	6239.2	6020.2	5790.0	5502.5	5196.1	4866.9



REPORT NUMBER: P645549 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-727-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°	7042.5	6871.1	6690.9	6503.8	6344.6	6159.9	5945.5	5707.3	5400.9	5104.6	4763.4
-25°	6962.6	6789.5	6603.2	6429.2	6259.8	6076.3	5855.9	5585.8	5294.8	4986.5	4637.8
-27.5°	6868.1	6686.1	6493.8	6316.7	6137.7	5957.1	5729.4	5457.2	5177.0	4839.9	4501.5
-30°	6740.5	6552.7	6356.6	6154.1	5990.4	5806.2	5581.1	5316.7	5015.9	4683.1	4361.0
-32.5°	6567.4	6390.6	6194.6	6002.1	5831.1	5637.9	5410.5	5148.2	4832.4	4517.6	4182.5
-35°	6391.4	6208.3	6021.3	5840.1	5660.0	5457.7	5225.6	4940.0	4638.3	4326.5	3978.7
-37.5°	6190.4	5999.7	5824.0	5651.8	5466.0	5258.6	5002.6	4726.6	4432.4	4089.6	3758.6
-40°	5974.5	5790.8	5598.9	5428.7	5230.6	5021.3	4773.9	4505.7	4182.1	3843.3	3532.2
-42.5°	5718.1	5534.5	5337.0	5147.4	4955.0	4756.0	4532.4	4242.3	3921.6	3602.0	3278.9
-45°	5408.5	5224.8	5030.6	4835.2	4655.1	4461.7	4253.8	3944.4	3627.7	3323.1	3013.0
-47.5°	5060.0	4882.1	4694.7	4501.0	4329.7	4135.6	3882.2	3594.3	3314.1	3024.3	2706.9
-50°	4681.8	4512.4	4339.2	4159.4	3966.9	3748.0	3504.8	3253.7	2976.1	2678.5	2388.6
-52.5°	4268.3	4113.3	3949.7	3777.0	3578.2	3361.0	3133.2	2866.6	2589.6	2337.0	2073.4
-55°	3836.7	3683.7	3522.1	3349.4	3164.1	2949.2	2713.2	2470.7	2244.6	2011.1	1809.9
-57.5°	3359.3	3214.2	3060.2	2897.3	2726.2	2526.3	2319.3	2113.5	1934.5	1752.9	1570.4
-60°	2849.0	2713.6	2582.6	2438.1	2280.2	2108.1	1957.1	1805.3	1653.4	1508.6	1361.5
-62.5°	2354.8	2241.5	2123.7	2006.5	1886.4	1762.2	1637.1	1519.9	1400.1	1277.3	1169.1
-65°	1887.6	1801.5	1708.6	1627.4	1542.3	1452.4	1351.9	1260.0	1172.9	1083.0	990.9
-67.5°	1495.5	1434.0	1368.4	1304.4	1246.0	1183.8	1113.2	1038.9	969.9	903.2	835.5
-70°	1173.2	1132.4	1089.8	1043.1	996.5	949.7	897.7	843.0	787.6	737.7	689.9
-72.5°	900.5	872.3	839.9	806.3	770.4	738.5	703.0	666.1	628.6	590.7	554.7
-75°	696.7	676.3	654.1	629.0	598.6	562.7	536.0	518.0	495.3	467.8	437.7
-77.5°	551.0	536.2	520.3	498.9	476.7	453.8	431.1	408.8	386.7	365.9	346.7
-80°	405.5	398.4	389.6	371.9	354.1	336.4	319.5	305.8	292.9	278.8	261.3
-82.5°	238.0	237.2	234.7	224.7	214.8	204.9	195.4	185.7	175.6	164.9	154.1
-85°	76.9	81.1	84.6	86.2	87.2	87.5	86.9	84.4	81.4	78.1	74.4
-87.5°	16.8	16.9	17.0	17.6	18.2	18.7	19.1	20.0	20.8	21.5	22.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645549 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-727-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°	1.1	1.0	1.0	0.9	0.9	0.8	0.7	0.7	0.8	0.8	0.8
85°	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.4	1.5	1.6	1.6
82.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	2.0	2.4	2.5
80°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	2.0	2.4	2.8
77.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	2.0	2.4	2.8
75°	1.6	1.6	1.6	1.7	1.7	1.6	1.6	1.7	2.1	2.4	2.8
72.5°	1.6	1.6	1.6	1.8	2.0	2.0	1.8	1.8	2.1	2.5	2.8
70°	1.8	1.7	1.6	1.8	2.2	2.5	2.5	2.5	2.2	2.5	2.9
67.5°	2.3	2.4	2.2	2.2	2.3	2.6	3.0	3.5	3.5	2.6	2.9
65°	2.4	2.8	3.2	4.4	3.9	2.7	3.1	6.1	4.9	4.1	3.0
62.5°	5.1	2.9	9.8	13.1	7.4	5.8	4.6	13.5	8.5	5.7	4.1
60°	12.2	10.0	27.4	43.9	30.6	10.3	15.2	23.5	21.6	7.4	5.8
57.5°	114.1	39.3	56.9	82.2	80.7	43.8	31.9	42.6	36.7	21.1	8.3
55°	243.5	205.0	135.3	123.9	133.8	108.0	70.3	69.0	56.6	39.2	13.4
52.5°	334.1	348.7	303.5	212.0	184.6	175.9	137.4	100.1	88.9	58.9	34.0
50°	483.6	450.4	445.9	374.3	258.9	234.3	202.8	156.4	124.7	84.2	57.6
47.5°	683.3	600.2	556.1	524.0	413.1	298.7	266.0	213.8	164.2	121.3	82.2
45°	976.4	775.7	690.6	638.4	566.1	420.1	332.9	269.7	214.0	162.9	107.9
42.5°	1270.8	1003.0	844.0	759.8	684.6	557.2	404.5	334.0	262.6	205.2	140.7
40°	1530.6	1237.3	1005.4	897.0	800.9	689.6	520.4	403.0	310.1	248.7	177.8
37.5°	1843.5	1504.1	1191.1	1040.9	924.9	800.2	637.9	474.9	367.3	294.4	215.1
35°	2146.1	1849.5	1398.8	1214.7	1062.9	913.6	751.1	560.0	437.6	340.8	252.4
32.5°	2471.1	2174.4	1712.7	1408.8	1205.7	1029.6	857.0	663.4	508.3	387.8	289.5
30°	2726.9	2388.2	1988.0	1603.1	1361.2	1158.9	962.7	762.6	579.1	435.2	326.9
27.5°	2862.5	2573.2	2205.3	1819.6	1536.1	1291.5	1071.6	857.5	649.8	487.3	366.0
25°	3002.8	2703.6	2360.7	2008.8	1708.8	1431.9	1180.0	947.9	727.0	546.1	404.6
22.5°	3170.6	2814.4	2491.7	2158.8	1886.9	1574.2	1293.7	1039.4	804.2	603.7	442.6
20°	3339.0	2917.3	2620.9	2362.9	2061.8	1728.2	1412.6	1128.7	877.1	659.8	479.7
17.5°	3515.9	3104.1	2840.4	2562.1	2236.0	1877.4	1529.7	1215.2	945.4	714.1	515.8
15°	3823.7	3383.9	3061.4	2755.9	2409.4	2020.9	1644.0	1298.4	1009.1	766.3	549.4
12.5°	4103.1	3644.4	3282.6	2943.3	2579.9	2157.7	1754.2	1377.4	1068.2	807.9	579.3
10°	4334.3	3885.9	3501.2	3123.2	2745.4	2286.9	1859.3	1441.8	1103.6	839.0	606.9
7.5°	4523.7	4109.1	3714.4	3294.4	2887.6	2371.4	1912.3	1479.4	1131.0	865.4	632.0
5°	4660.5	4258.1	3827.6	3354.0	2932.1	2406.0	1948.3	1510.0	1153.2	887.5	654.6
2.5°	4700.0	4303.8	3870.2	3386.7	2962.1	2428.5	1974.1	1533.4	1170.2	905.4	674.7
0°	4722.9	4333.9	3896.8	3406.8	2977.5	2439.2	1989.6	1549.4	1182.3	919.4	692.2
-2.5°	4754.9	4359.9	3922.5	3458.4	2987.7	2471.8	1998.4	1559.9	1197.5	924.4	702.4
-5°	4771.0	4370.0	3934.8	3493.1	2985.0	2491.3	1997.3	1563.2	1207.4	926.2	709.9
-7.5°	4763.9	4366.6	3935.3	3504.0	2971.5	2495.8	1986.5	1559.7	1211.5	924.9	714.6
-10°	4742.4	4348.9	3920.3	3475.9	2959.1	2478.2	1967.1	1549.8	1209.1	920.9	716.3
-12.5°	4709.7	4315.8	3889.6	3435.4	2933.2	2441.8	1944.3	1532.8	1199.3	914.5	715.2
-15°	4667.3	4267.7	3842.9	3384.0	2890.5	2393.4	1910.1	1508.1	1180.3	907.3	711.0
-17.5°	4612.9	4204.9	3780.0	3323.0	2830.6	2333.5	1864.1	1476.0	1156.5	898.5	702.4
-20°	4515.9	4120.6	3700.1	3253.7	2752.7	2262.4	1806.2	1436.4	1128.2	885.9	690.1



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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°	4406.8	4016.2	3600.5	3160.1	2658.8	2180.8	1736.2	1389.4	1095.6	869.6	675.4
-25°	4290.5	3898.7	3484.8	3030.5	2555.2	2094.5	1666.0	1334.9	1058.8	849.4	658.4
-27.5°	4153.8	3765.6	3353.7	2887.9	2434.8	1994.4	1598.8	1286.7	1023.2	825.3	639.0
-30°	4000.3	3609.1	3189.7	2735.6	2302.9	1878.5	1523.4	1235.2	993.1	798.9	617.4
-32.5°	3824.2	3436.7	3008.0	2579.8	2163.5	1755.7	1440.2	1180.1	958.3	771.0	597.4
-35°	3623.8	3236.0	2815.5	2412.5	2015.9	1656.4	1358.8	1121.6	918.9	740.8	576.3
-37.5°	3415.1	3020.7	2622.9	2237.9	1859.0	1549.0	1285.5	1063.8	874.8	708.5	553.1
-40°	3176.7	2799.1	2420.8	2058.0	1723.0	1433.6	1206.3	1006.8	833.2	674.0	527.6
-42.5°	2931.2	2566.7	2210.1	1867.5	1588.9	1339.6	1123.4	945.4	789.3	640.8	500.0
-45°	2666.5	2321.3	1985.9	1707.0	1452.5	1240.1	1050.7	881.8	742.4	606.8	471.5
-47.5°	2387.2	2062.7	1782.2	1539.8	1336.5	1140.2	973.4	826.8	693.2	570.3	442.9
-50°	2091.5	1821.9	1594.5	1394.5	1211.5	1050.2	896.5	769.2	648.1	530.0	412.9
-52.5°	1829.3	1613.3	1425.2	1254.0	1101.3	955.5	830.2	710.1	601.6	491.4	381.6
-55°	1604.7	1427.7	1269.0	1126.4	992.0	874.3	761.3	657.6	553.8	452.7	349.9
-57.5°	1410.8	1256.1	1129.0	1005.2	894.2	793.8	698.6	604.0	508.0	412.7	324.8
-60°	1224.5	1108.9	995.9	896.4	802.4	717.2	639.4	550.4	461.8	372.6	296.9
-62.5°	1063.5	964.9	879.5	792.7	714.6	645.2	579.8	497.9	414.3	335.6	266.7
-65°	912.7	837.0	764.2	695.0	630.2	571.4	518.4	444.2	366.6	296.4	235.3
-67.5°	769.4	712.4	655.3	597.2	546.2	498.6	453.3	386.2	316.8	255.1	204.1
-70°	641.5	592.7	548.0	504.8	463.5	423.8	381.1	324.4	264.8	218.0	172.2
-72.5°	520.7	485.0	447.8	412.4	381.9	347.0	307.7	263.5	221.7	180.3	139.6
-75°	408.9	385.4	359.2	331.0	302.5	271.4	245.4	214.5	178.0	142.0	112.5
-77.5°	327.1	304.2	278.0	255.6	236.5	215.1	191.5	164.7	135.8	110.4	87.0
-80°	241.3	223.8	209.0	196.1	178.4	158.9	139.3	119.8	98.7	79.1	60.9
-82.5°	147.2	143.4	139.3	133.3	118.6	104.1	90.0	76.0	61.1	47.2	39.1
-85°	73.6	72.1	69.9	66.8	57.8	48.9	44.8	40.7	35.6	30.8	26.1
-87.5°	24.2	26.0	27.5	28.6	26.5	24.5	22.4	20.4	17.8	15.4	13.1
-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°	0.8	0.7	0.5	0.4	0.3	0.2	0.0
85°	1.6	1.3	1.1	0.8	0.5	0.3	0.0
82.5°	2.4	2.0	1.6	1.2	0.8	0.5	0.0
80°	3.1	2.7	2.1	1.6	1.1	0.7	0.0
77.5°	3.1	3.1	2.7	2.0	1.4	0.8	0.0
75°	3.1	3.2	3.1	2.4	1.6	1.0	0.0
72.5°	3.2	3.3	3.3	2.8	1.9	1.2	0.0
70°	3.3	3.5	3.4	3.1	2.2	1.3	0.0
67.5°	3.6	3.6	3.6	3.3	2.5	1.5	0.0
65°	4.2	4.1	3.7	3.4	2.7	1.7	0.0
62.5°	4.9	5.1	3.9	3.6	3.0	1.8	0.0
60°	5.7	6.2	4.1	3.8	3.3	2.0	0.0
57.5°	10.6	7.5	5.3	3.9	3.5	2.2	0.0
55°	17.0	8.8	6.6	4.1	3.7	2.3	0.0
52.5°	24.3	11.3	8.0	4.3	3.8	2.5	0.0
50°	32.8	19.3	9.4	4.5	4.0	2.6	0.0
47.5°	44.1	27.9	10.9	4.9	4.2	2.8	0.0
45°	66.5	37.1	12.4	6.1	4.4	2.9	0.0
42.5°	89.5	46.9	14.0	7.3	4.6	3.1	0.0
40°	113.0	57.2	18.9	8.8	4.8	3.2	0.0
37.5°	137.0	68.2	27.0	10.6	5.0	3.3	0.0
35°	161.3	84.7	35.2	12.7	5.2	3.5	0.0
32.5°	187.7	103.9	43.5	15.0	5.4	3.6	0.0
30°	217.9	122.9	51.9	17.4	5.6	3.7	0.0
27.5°	247.4	141.7	62.3	20.1	5.8	3.8	0.0
25°	276.3	160.2	73.0	22.8	6.0	4.0	0.0
22.5°	304.3	179.1	83.6	25.7	6.2	4.1	0.0
20°	331.3	199.3	94.1	28.7	6.4	4.2	0.0
17.5°	358.1	218.9	104.4	31.7	6.6	4.3	0.0
15°	383.9	237.8	114.5	34.7	6.8	4.3	0.0
12.5°	407.9	255.7	124.3	37.8	7.0	4.4	0.0
10°	430.2	272.7	133.6	40.7	7.2	4.5	0.0
7.5°	450.8	288.5	142.4	43.6	7.3	4.6	0.0
5°	469.4	303.1	150.6	46.4	7.5	4.6	0.0
2.5°	486.1	316.4	158.2	48.9	7.7	4.7	0.0
0°	500.9	328.2	164.9	51.3	7.8	4.7	0.0
-2.5°	508.2	335.7	171.2	54.7	9.0	5.0	0.0
-5°	513.6	341.6	176.5	57.7	10.2	5.2	0.0
-7.5°	517.0	345.9	180.9	60.5	11.4	5.5	0.0
-10°	518.6	348.6	184.2	62.9	12.5	5.7	0.0
-12.5°	518.3	349.7	186.4	64.9	13.6	5.9	0.0
-15°	516.2	349.2	187.4	66.5	14.6	6.1	0.0
-17.5°	512.5	347.1	187.3	67.6	15.5	6.3	0.0
-20°	506.6	343.4	185.9	68.3	16.4	6.4	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	498.1	338.2	183.3	68.5	17.2	6.5	0.0
-25°	487.7	330.0	179.4	68.2	17.8	6.6	0.0
-27.5°	475.3	319.9	174.2	67.4	18.4	6.7	0.0
-30°	461.0	308.4	167.6	66.0	18.9	6.8	0.0
-32.5°	444.7	295.5	160.0	64.1	19.3	6.8	0.0
-35°	427.2	281.2	151.5	61.6	19.5	6.8	0.0
-37.5°	408.2	266.9	142.2	58.5	19.7	6.7	0.0
-40°	387.9	253.9	132.0	54.9	19.7	6.7	0.0
-42.5°	366.1	240.1	124.3	50.9	19.6	6.6	0.0
-45°	342.9	225.3	119.1	46.9	19.3	6.4	0.0
-47.5°	318.5	209.7	112.9	42.4	19.0	6.3	0.0
-50°	298.0	193.2	105.7	40.9	18.5	6.1	0.0
-52.5°	277.6	176.0	97.7	40.1	17.9	5.9	0.0
-55°	256.3	162.9	88.7	38.8	17.2	5.6	0.0
-57.5°	234.3	149.7	79.0	37.1	16.4	5.3	0.0
-60°	211.9	135.2	68.7	35.0	15.4	5.0	0.0
-62.5°	191.4	119.6	63.8	32.5	14.5	4.7	0.0
-65°	169.5	102.9	58.2	29.7	13.5	4.4	0.0
-67.5°	146.2	89.0	52.0	26.5	12.4	4.0	0.0
-70°	121.7	77.9	45.3	23.0	11.2	3.6	0.0
-72.5°	102.9	65.9	38.0	20.2	9.9	3.2	0.0
-75°	84.1	53.2	30.2	17.6	8.6	2.8	0.0
-77.5°	64.4	39.9	25.0	14.8	7.3	2.3	0.0
-80°	44.0	30.4	20.2	12.0	5.9	1.9	0.0
-82.5°	32.3	23.0	15.2	9.0	4.4	1.4	0.0
-85°	21.6	15.4	10.2	6.1	3.0	0.9	0.0
-87.5°	10.9	7.7	5.1	3.0	1.5	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)