

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: P645414 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA3B-750-U-LAM-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645414 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-21)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/4/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3B-750-U-LAM-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, LAMBERTIAN
Light Source: (48) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

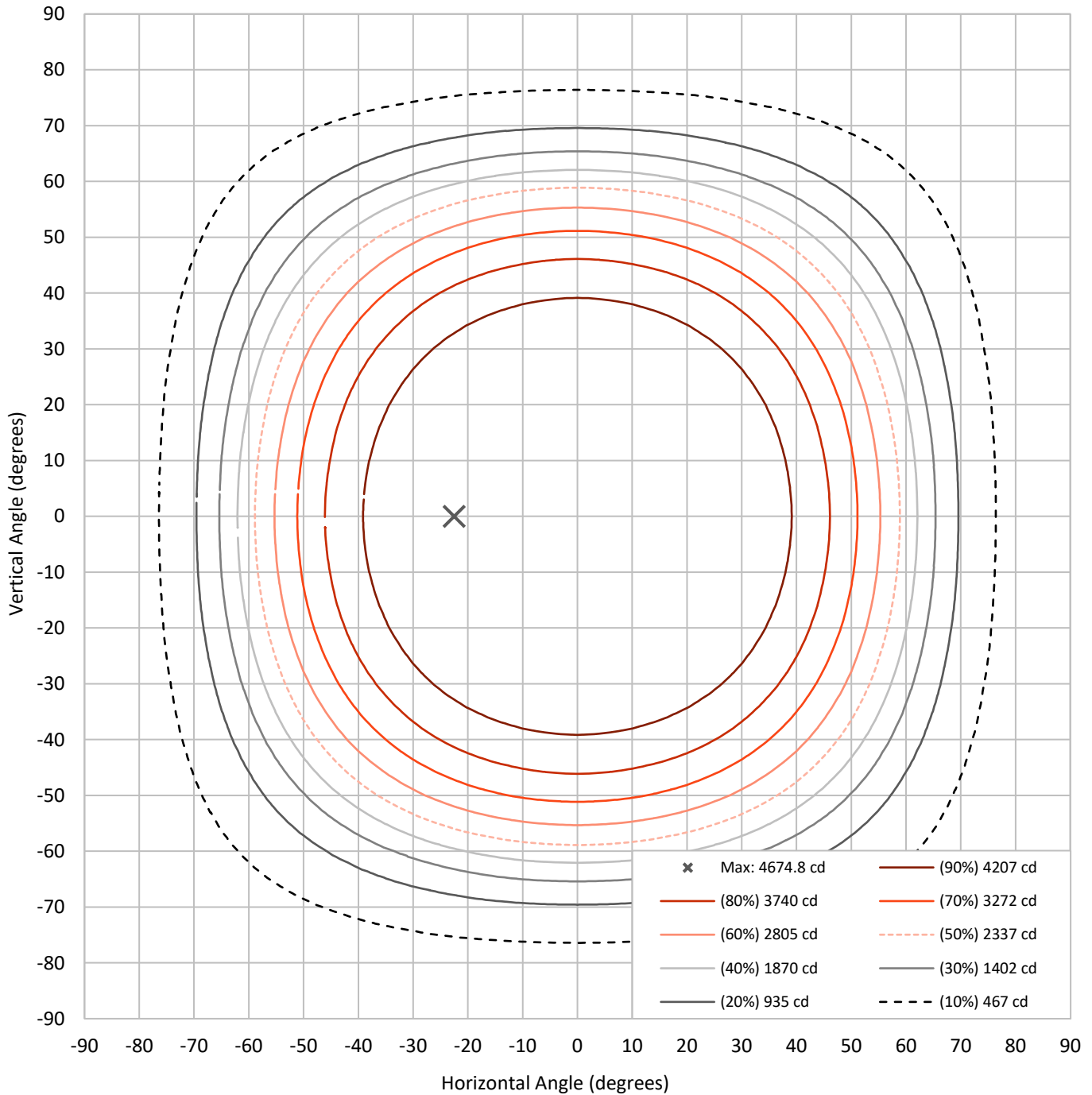
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	14300.5 lumens	Max Intensity:	4674.8 candela
Efficiency:	N/A	Max Intensity Angle:	-22.5°H x 0°V
Efficacy:	152.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	117.8°H x 112°V	Field Angle (10%):	152.8°H x 150.5°V
Beam Lumens:	11901.2 lumens	Field Lumens:	14019.3 lumens
Beam Efficiency:	83.2%	Field Efficiency:	98.0%
Input Watts (W):	93.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





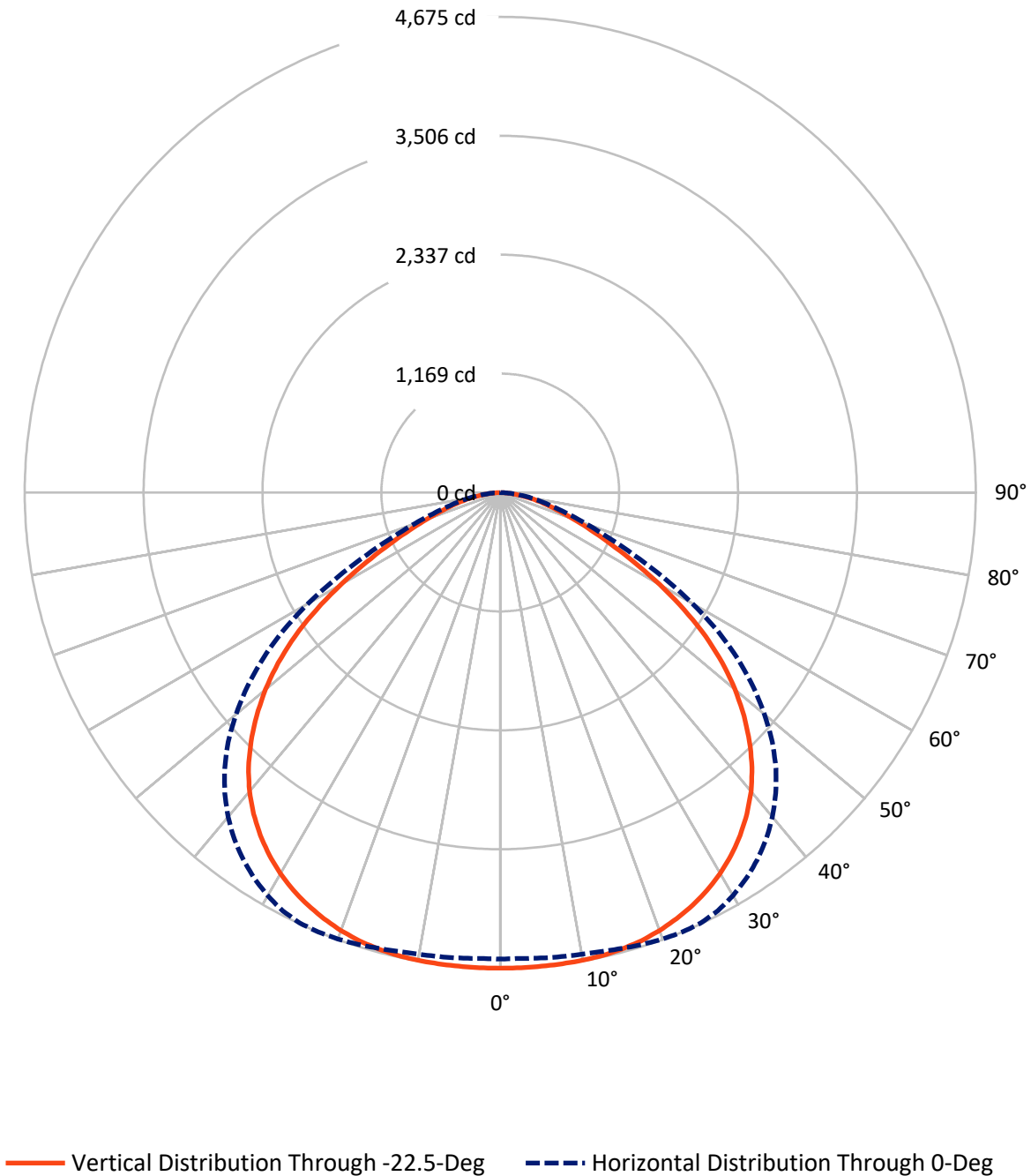
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Lumen Table

90																			
80	0.7	7.4	21.0	34.9	40.8	34.9	21.0	7.4	0.7										
70																			
60	3.5	4.2	8.7	15.2	23.5	32.4	40.1	44.4	44.4	40.1	32.4	23.5	15.2	8.7	4.2			3.5	
50																			
40	6.7	6.5	14.8	28.7	47.0	64.7	77.9	84.9	84.9	77.9	64.7	47.0	28.7	14.8	6.5			6.7	
30																			
20	9.1	9.2	23.4	46.7	71.6	92.5	107.2	114.8	114.8	107.2	92.5	71.6	46.7	23.4	9.2			9.1	
10																			
0	10.1	12.4	33.2	62.0	89.1	110.7	125.3	132.5	132.5	125.3	110.7	89.1	62.0	33.2	12.4			10.1	
-10																			
-20	9.1	15.5	41.3	72.3	100.1	121.2	134.7	140.7	140.7	134.7	121.2	100.1	72.3	41.3	15.5			9.1	
-30																			
-40	6.7	18.0	46.6	78.7	106.3	126.4	137.1	140.8	140.8	137.1	126.4	106.3	78.7	46.6	18.0			6.7	
-50																			
-60	3.5	19.3	49.3	81.7	109.1	128.0	136.5	139.4	139.4	136.5	128.0	109.1	81.7	49.3	19.3			3.5	
-70																			
-80	0.7	4.2	8.7	15.2	23.5	32.4	40.1	44.4	44.4	40.1	32.4	23.5	15.2	8.7	4.2			0.7	
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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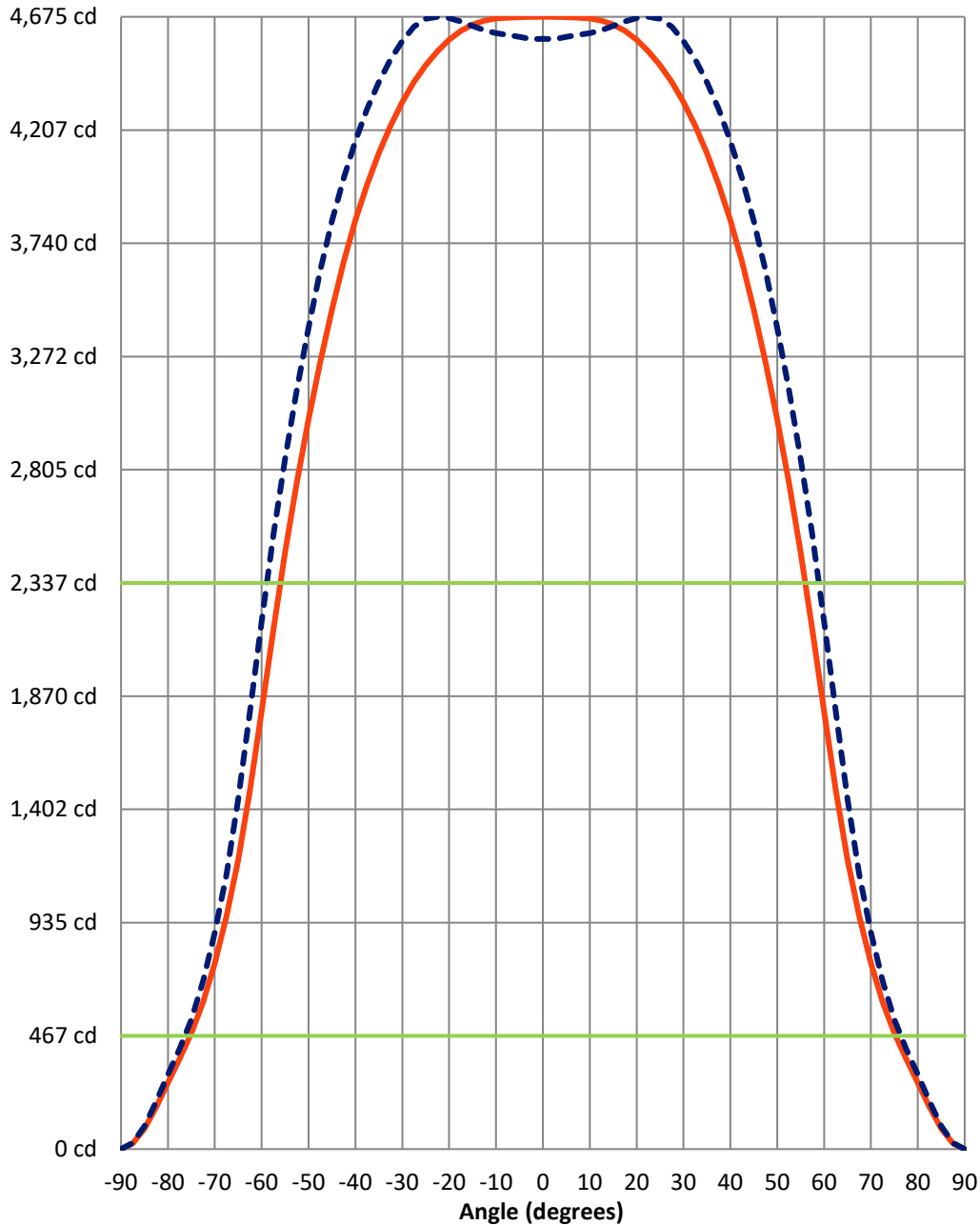
Luminous Intensity Polar Plot





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Luminous Intensity Plot



Beam:
 H Angle: 117.8°
 V Angle: 112°
 Lumens: 11901.2
 Efficiency: 83.2%

Field:
 H Angle: 152.8°
 V Angle: 150.5°
 Lumens: 14019.3
 Efficiency: 98.0%

Spill:
 Lumens: 281.2
 Efficiency: 2.0%

— Vertical Distribution through -22.5-Deg
 - - Horizontal Distribution through 0-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	1.1	2.2	3.3	4.4	5.5	6.6	7.7	8.8	9.8	10.8
85°	0.0	2.2	4.5	6.7	8.9	11.1	13.2	15.4	17.5	19.6	21.6
82.5°	0.0	3.3	6.7	10.0	13.3	16.6	19.8	23.0	27.2	35.7	44.0
80°	0.0	4.4	8.9	13.3	17.7	22.1	27.7	39.3	50.8	62.0	73.1
77.5°	0.0	5.5	11.1	16.6	22.1	30.7	45.4	59.8	74.1	88.2	105.2
75°	0.0	6.6	13.2	19.8	27.7	45.4	62.9	80.2	98.3	122.8	147.0
72.5°	0.0	7.7	15.4	23.0	39.3	59.8	80.2	102.7	131.7	160.3	188.3
70°	0.0	8.8	17.5	27.2	50.8	74.1	98.3	131.7	164.7	197.3	232.6
67.5°	0.0	9.8	19.6	35.7	62.0	88.2	122.8	160.3	197.3	237.5	277.0
65°	0.0	10.8	21.6	44.0	73.1	105.2	147.0	188.3	232.6	277.0	320.2
62.5°	0.0	11.8	23.6	52.2	84.0	124.9	170.6	217.9	267.2	315.5	361.2
60°	0.0	12.8	25.6	60.1	94.6	144.2	193.8	247.6	301.1	351.8	401.5
57.5°	0.0	13.8	30.7	67.9	109.4	163.1	218.4	276.6	333.0	387.3	444.5
55°	0.0	14.7	35.8	75.5	124.1	181.5	242.7	304.9	363.8	423.0	488.1
52.5°	0.0	15.6	40.7	82.8	138.4	199.6	266.2	331.2	393.8	461.2	530.6
50°	0.0	16.5	45.4	89.9	152.2	218.6	289.0	356.6	424.0	498.3	583.4
47.5°	0.0	17.3	49.9	97.5	165.5	236.9	310.9	381.2	455.8	534.2	635.9
45°	0.0	18.1	54.3	107.1	178.3	254.5	331.1	404.8	486.5	579.4	686.5
42.5°	0.0	18.9	58.5	116.3	190.5	271.4	350.5	429.2	516.0	623.1	746.1
40°	0.0	19.6	62.5	125.0	202.8	287.6	369.0	453.8	547.0	664.8	805.0
37.5°	0.0	20.3	66.3	133.3	215.1	302.9	386.6	477.2	582.2	707.6	861.1
35°	0.0	21.0	69.9	141.2	226.6	316.9	403.2	499.3	615.6	755.2	918.5
32.5°	0.0	21.6	73.3	148.6	237.5	329.9	419.5	520.1	647.0	800.2	978.7
30°	0.0	22.2	76.4	155.5	247.7	342.1	436.1	541.0	676.4	842.3	1035.3
27.5°	0.0	22.7	79.4	161.9	257.1	353.4	451.6	564.8	706.5	881.4	1087.9
25°	0.0	23.2	82.0	167.8	265.7	363.8	465.8	586.7	738.3	922.2	1137.0
22.5°	0.0	23.7	84.5	173.1	273.6	373.2	478.7	606.7	767.4	961.8	1194.4
20°	0.0	24.1	86.7	178.0	280.8	381.7	490.4	624.7	793.6	997.5	1246.2
17.5°	0.0	24.4	88.7	182.3	287.1	389.3	500.8	640.7	816.9	1029.2	1292.3
15°	0.0	24.7	90.4	186.0	292.6	395.9	509.8	654.6	837.2	1056.9	1332.6
12.5°	0.0	25.0	91.8	189.2	297.2	401.5	517.4	666.5	854.4	1080.4	1366.8
10°	0.0	25.2	93.0	191.8	301.1	406.1	523.7	676.2	868.6	1099.8	1395.0
7.5°	0.0	25.4	93.9	193.8	304.0	409.7	528.7	683.8	879.7	1114.9	1417.0
5°	0.0	25.5	94.6	195.2	306.2	412.2	532.2	689.2	887.6	1125.7	1432.8
2.5°	0.0	25.6	95.0	196.1	307.5	413.8	534.3	692.5	892.4	1132.2	1442.2
0°	0.0	25.6	95.1	196.4	307.9	414.3	535.0	693.6	894.0	1134.4	1445.4
-2.5°	0.0	25.6	95.0	196.1	307.5	413.8	534.3	692.5	892.4	1132.2	1442.2
-5°	0.0	25.5	94.6	195.2	306.2	412.2	532.2	689.2	887.6	1125.7	1432.8
-7.5°	0.0	25.4	93.9	193.8	304.0	409.7	528.7	683.8	879.7	1114.9	1417.0
-10°	0.0	25.2	93.0	191.8	301.1	406.1	523.7	676.2	868.6	1099.8	1395.0
-12.5°	0.0	25.0	91.8	189.2	297.2	401.5	517.4	666.5	854.4	1080.4	1366.8
-15°	0.0	24.7	90.4	186.0	292.6	395.9	509.8	654.6	837.2	1056.9	1332.6
-17.5°	0.0	24.4	88.7	182.3	287.1	389.3	500.8	640.7	816.9	1029.2	1292.3
-20°	0.0	24.1	86.7	178.0	280.8	381.7	490.4	624.7	793.6	997.5	1246.2

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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	23.7	84.5	173.1	273.6	373.2	478.7	606.7	767.4	961.8	1194.4
-25°	0.0	23.2	82.0	167.8	265.7	363.8	465.8	586.7	738.3	922.2	1137.0
-27.5°	0.0	22.7	79.4	161.9	257.1	353.4	451.6	564.8	706.5	881.4	1087.9
-30°	0.0	22.2	76.4	155.5	247.7	342.1	436.1	541.0	676.4	842.3	1035.3
-32.5°	0.0	21.6	73.3	148.6	237.5	329.9	419.5	520.1	647.0	800.2	978.7
-35°	0.0	21.0	69.9	141.2	226.6	316.9	403.2	499.3	615.6	755.2	918.5
-37.5°	0.0	20.3	66.3	133.3	215.1	302.9	386.6	477.2	582.2	707.6	861.1
-40°	0.0	19.6	62.5	125.0	202.8	287.6	369.0	453.8	547.0	664.8	805.0
-42.5°	0.0	18.9	58.5	116.3	190.5	271.4	350.5	429.2	516.0	623.1	746.1
-45°	0.0	18.1	54.3	107.1	178.3	254.5	331.1	404.8	486.5	579.4	686.5
-47.5°	0.0	17.3	49.9	97.5	165.5	236.9	310.9	381.2	455.8	534.2	635.9
-50°	0.0	16.5	45.4	89.9	152.2	218.6	289.0	356.6	424.0	498.3	583.4
-52.5°	0.0	15.6	40.7	82.8	138.4	199.6	266.2	331.2	393.8	461.2	530.6
-55°	0.0	14.7	35.8	75.5	124.1	181.5	242.7	304.9	363.8	423.0	488.1
-57.5°	0.0	13.8	30.7	67.9	109.4	163.1	218.4	276.6	333.0	387.3	444.5
-60°	0.0	12.8	25.6	60.1	94.6	144.2	193.8	247.6	301.1	351.8	401.5
-62.5°	0.0	11.8	23.6	52.2	84.0	124.9	170.6	217.9	267.2	315.5	361.2
-65°	0.0	10.8	21.6	44.0	73.1	105.2	147.0	188.3	232.6	277.0	320.2
-67.5°	0.0	9.8	19.6	35.7	62.0	88.2	122.8	160.3	197.3	237.5	277.0
-70°	0.0	8.8	17.5	27.2	50.8	74.1	98.3	131.7	164.7	197.3	232.6
-72.5°	0.0	7.7	15.4	23.0	39.3	59.8	80.2	102.7	131.7	160.3	188.3
-75°	0.0	6.6	13.2	19.8	27.7	45.4	62.9	80.2	98.3	122.8	147.0
-77.5°	0.0	5.5	11.1	16.6	22.1	30.7	45.4	59.8	74.1	88.2	105.2
-80°	0.0	4.4	8.9	13.3	17.7	22.1	27.7	39.3	50.8	62.0	73.1
-82.5°	0.0	3.3	6.7	10.0	13.3	16.6	19.8	23.0	27.2	35.7	44.0
-85°	0.0	2.2	4.5	6.7	8.9	11.1	13.2	15.4	17.5	19.6	21.6
-87.5°	0.0	1.1	2.2	3.3	4.4	5.5	6.6	7.7	8.8	9.8	10.8
-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):

	-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°	11.8	12.8	13.8	14.7	15.6	16.5	17.3	18.1	18.9	19.6	20.3
85°	23.6	25.6	30.7	35.8	40.7	45.4	49.9	54.3	58.5	62.5	66.3
82.5°	52.2	60.1	67.9	75.5	82.8	89.9	97.5	107.1	116.3	125.0	133.3
80°	84.0	94.6	109.4	124.1	138.4	152.2	165.5	178.3	190.5	202.8	215.1
77.5°	124.9	144.2	163.1	181.5	199.6	218.6	236.9	254.5	271.4	287.6	302.9
75°	170.6	193.8	218.4	242.7	266.2	289.0	310.9	331.1	350.5	369.0	386.6
72.5°	217.9	247.6	276.6	304.9	331.2	356.6	381.2	404.8	429.2	453.8	477.2
70°	267.2	301.1	333.0	363.8	393.8	424.0	455.8	486.5	516.0	547.0	582.2
67.5°	315.5	351.8	387.3	423.0	461.2	498.3	534.2	579.4	623.1	664.8	707.6
65°	361.2	401.5	444.5	488.1	530.6	583.4	635.9	686.5	746.1	805.0	861.1
62.5°	406.2	455.3	504.3	557.7	619.1	678.7	747.9	818.4	886.3	962.8	1037.2
60°	455.3	509.8	572.0	640.7	711.3	793.6	873.4	961.8	1050.9	1137.0	1242.7
57.5°	504.3	572.0	647.9	729.7	821.2	913.7	1017.5	1118.0	1238.5	1359.0	1478.8
55°	557.7	640.7	729.7	830.5	936.0	1051.2	1171.6	1312.0	1447.8	1599.2	1744.1
52.5°	619.1	711.3	821.2	936.0	1062.5	1201.0	1356.4	1517.1	1686.4	1850.7	2011.9
50°	678.7	793.6	913.7	1051.2	1201.0	1371.3	1552.0	1739.2	1924.0	2104.2	2273.0
47.5°	747.9	873.4	1017.5	1171.6	1356.4	1552.0	1756.9	1960.9	2160.2	2345.0	2522.1
45°	818.4	961.8	1118.0	1312.0	1517.1	1739.2	1960.9	2178.9	2381.3	2572.3	2739.5
42.5°	886.3	1050.9	1238.5	1447.8	1686.4	1924.0	2160.2	2381.3	2588.7	2772.7	2940.6
40°	962.8	1137.0	1359.0	1599.2	1850.7	2104.2	2345.0	2572.3	2772.7	2955.9	3125.9
37.5°	1037.2	1242.7	1478.8	1744.1	2011.9	2273.0	2522.1	2739.5	2940.6	3125.9	3289.0
35°	1107.9	1343.2	1606.0	1884.6	2165.8	2431.2	2673.6	2895.0	3094.8	3274.6	3441.3
32.5°	1186.6	1438.1	1726.5	2019.6	2305.9	2576.2	2816.5	3033.1	3231.7	3414.3	3579.9
30°	1267.6	1540.6	1840.9	2146.7	2437.5	2701.9	2941.9	3161.1	3358.2	3538.5	3700.8
27.5°	1343.2	1637.2	1949.9	2261.7	2557.8	2819.8	3056.6	3272.4	3470.6	3652.2	3809.4
25°	1412.9	1726.5	2050.9	2367.0	2659.0	2921.7	3160.5	3376.2	3573.3	3747.5	3900.5
22.5°	1481.8	1808.3	2143.5	2463.6	2752.0	3012.7	3249.4	3465.6	3662.8	3835.5	3982.2
20°	1548.7	1884.6	2225.1	2549.2	2836.4	3095.5	3330.3	3546.1	3738.1	3905.2	4051.3
17.5°	1608.3	1952.5	2296.5	2618.4	2905.8	3166.1	3401.9	3618.4	3805.8	3968.2	4110.9
15°	1660.4	2011.9	2358.9	2679.0	2965.5	3224.7	3460.5	3674.7	3860.8	4021.9	4163.6
12.5°	1704.7	2062.6	2412.2	2730.7	3016.6	3274.9	3510.8	3722.0	3905.0	4064.0	4202.6
10°	1741.2	2104.2	2456.1	2773.4	3058.7	3316.4	3552.4	3761.2	3941.6	4098.9	4235.2
7.5°	1769.7	2136.8	2490.4	2806.7	3091.6	3348.9	3585.0	3792.0	3970.4	4126.4	4260.8
5°	1790.1	2160.2	2515.0	2830.7	3115.3	3372.2	3608.4	3814.1	3991.2	4146.3	4279.3
2.5°	1802.4	2174.2	2529.9	2845.1	3129.5	3386.3	3622.6	3827.4	4003.7	4158.3	4290.6
0°	1806.5	2178.9	2534.8	2849.9	3134.3	3391.0	3627.3	3831.9	4007.9	4162.3	4294.3
-2.5°	1802.4	2174.2	2529.9	2845.1	3129.5	3386.3	3622.6	3827.4	4003.7	4158.3	4290.6
-5°	1790.1	2160.2	2515.0	2830.7	3115.3	3372.2	3608.4	3814.1	3991.2	4146.3	4279.3
-7.5°	1769.7	2136.8	2490.4	2806.7	3091.6	3348.9	3585.0	3792.0	3970.4	4126.4	4260.8
-10°	1741.2	2104.2	2456.1	2773.4	3058.7	3316.4	3552.4	3761.2	3941.6	4098.9	4235.2
-12.5°	1704.7	2062.6	2412.2	2730.7	3016.6	3274.9	3510.8	3722.0	3905.0	4064.0	4202.6
-15°	1660.4	2011.9	2358.9	2679.0	2965.5	3224.7	3460.5	3674.7	3860.8	4021.9	4163.6
-17.5°	1608.3	1952.5	2296.5	2618.4	2905.8	3166.1	3401.9	3618.4	3805.8	3968.2	4110.9
-20°	1548.7	1884.6	2225.1	2549.2	2836.4	3095.5	3330.3	3546.1	3738.1	3905.2	4051.3



REPORT NUMBER: P645414 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-750-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1481.8	1808.3	2143.5	2463.6	2752.0	3012.7	3249.4	3465.6	3662.8	3835.5	3982.2
-25°	1412.9	1726.5	2050.9	2367.0	2659.0	2921.7	3160.5	3376.2	3573.3	3747.5	3900.5
-27.5°	1343.2	1637.2	1949.9	2261.7	2557.8	2819.8	3056.6	3272.4	3470.6	3652.2	3809.4
-30°	1267.6	1540.6	1840.9	2146.7	2437.5	2701.9	2941.9	3161.1	3358.2	3538.5	3700.8
-32.5°	1186.6	1438.1	1726.5	2019.6	2305.9	2576.2	2816.5	3033.1	3231.7	3414.3	3579.9
-35°	1107.9	1343.2	1606.0	1884.6	2165.8	2431.2	2673.6	2895.0	3094.8	3274.6	3441.3
-37.5°	1037.2	1242.7	1478.8	1744.1	2011.9	2273.0	2522.1	2739.5	2940.6	3125.9	3289.0
-40°	962.8	1137.0	1359.0	1599.2	1850.7	2104.2	2345.0	2572.3	2772.7	2955.9	3125.9
-42.5°	886.3	1050.9	1238.5	1447.8	1686.4	1924.0	2160.2	2381.3	2588.7	2772.7	2940.6
-45°	818.4	961.8	1118.0	1312.0	1517.1	1739.2	1960.9	2178.9	2381.3	2572.3	2739.5
-47.5°	747.9	873.4	1017.5	1171.6	1356.4	1552.0	1756.9	1960.9	2160.2	2345.0	2522.1
-50°	678.7	793.6	913.7	1051.2	1201.0	1371.3	1552.0	1739.2	1924.0	2104.2	2273.0
-52.5°	619.1	711.3	821.2	936.0	1062.5	1201.0	1356.4	1517.1	1686.4	1850.7	2011.9
-55°	557.7	640.7	729.7	830.5	936.0	1051.2	1171.6	1312.0	1447.8	1599.2	1744.1
-57.5°	504.3	572.0	647.9	729.7	821.2	913.7	1017.5	1118.0	1238.5	1359.0	1478.8
-60°	455.3	509.8	572.0	640.7	711.3	793.6	873.4	961.8	1050.9	1137.0	1242.7
-62.5°	406.2	455.3	504.3	557.7	619.1	678.7	747.9	818.4	886.3	962.8	1037.2
-65°	361.2	401.5	444.5	488.1	530.6	583.4	635.9	686.5	746.1	805.0	861.1
-67.5°	315.5	351.8	387.3	423.0	461.2	498.3	534.2	579.4	623.1	664.8	707.6
-70°	267.2	301.1	333.0	363.8	393.8	424.0	455.8	486.5	516.0	547.0	582.2
-72.5°	217.9	247.6	276.6	304.9	331.2	356.6	381.2	404.8	429.2	453.8	477.2
-75°	170.6	193.8	218.4	242.7	266.2	289.0	310.9	331.1	350.5	369.0	386.6
-77.5°	124.9	144.2	163.1	181.5	199.6	218.6	236.9	254.5	271.4	287.6	302.9
-80°	84.0	94.6	109.4	124.1	138.4	152.2	165.5	178.3	190.5	202.8	215.1
-82.5°	52.2	60.1	67.9	75.5	82.8	89.9	97.5	107.1	116.3	125.0	133.3
-85°	23.6	25.6	30.7	35.8	40.7	45.4	49.9	54.3	58.5	62.5	66.3
-87.5°	11.8	12.8	13.8	14.7	15.6	16.5	17.3	18.1	18.9	19.6	20.3
-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: P645414 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-750-U-LAM-XX

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°	21.0	21.6	22.2	22.7	23.2	23.7	24.1	24.4	24.7	25.0	25.2
85°	69.9	73.3	76.4	79.4	82.0	84.5	86.7	88.7	90.4	91.8	93.0
82.5°	141.2	148.6	155.5	161.9	167.8	173.1	178.0	182.3	186.0	189.2	191.8
80°	226.6	237.5	247.7	257.1	265.7	273.6	280.8	287.1	292.6	297.2	301.1
77.5°	316.9	329.9	342.1	353.4	363.8	373.2	381.7	389.3	395.9	401.5	406.1
75°	403.2	419.5	436.1	451.6	465.8	478.7	490.4	500.8	509.8	517.4	523.7
72.5°	499.3	520.1	541.0	564.8	586.7	606.7	624.7	640.7	654.6	666.5	676.2
70°	615.6	647.0	676.4	706.5	738.3	767.4	793.6	816.9	837.2	854.4	868.6
67.5°	755.2	800.2	842.3	881.4	922.2	961.8	997.5	1029.2	1056.9	1080.4	1099.8
65°	918.5	978.7	1035.3	1087.9	1137.0	1194.4	1246.2	1292.3	1332.6	1366.8	1395.0
62.5°	1107.9	1186.6	1267.6	1343.2	1412.9	1481.8	1548.7	1608.3	1660.4	1704.7	1741.2
60°	1343.2	1438.1	1540.6	1637.2	1726.5	1808.3	1884.6	1952.5	2011.9	2062.6	2104.2
57.5°	1606.0	1726.5	1840.9	1949.9	2050.9	2143.5	2225.1	2296.5	2358.9	2412.2	2456.1
55°	1884.6	2019.6	2146.7	2261.7	2367.0	2463.6	2549.2	2618.4	2679.0	2730.7	2773.4
52.5°	2165.8	2305.9	2437.5	2557.8	2659.0	2752.0	2836.4	2905.8	2965.5	3016.6	3058.7
50°	2431.2	2576.2	2701.9	2819.8	2921.7	3012.7	3095.5	3166.1	3224.7	3274.9	3316.4
47.5°	2673.6	2816.5	2941.9	3056.6	3160.5	3249.4	3330.3	3401.9	3460.5	3510.8	3552.4
45°	2895.0	3033.1	3161.1	3272.4	3376.2	3465.6	3546.1	3618.4	3674.7	3722.0	3761.2
42.5°	3094.8	3231.7	3358.2	3470.6	3573.3	3662.8	3738.1	3805.8	3860.8	3905.0	3941.6
40°	3274.6	3414.3	3538.5	3652.2	3747.5	3835.5	3905.2	3968.2	4021.9	4064.0	4098.9
37.5°	3441.3	3579.9	3700.8	3809.4	3900.5	3982.2	4051.3	4110.9	4163.6	4202.6	4235.2
35°	3593.8	3725.4	3845.0	3944.7	4034.9	4111.8	4179.8	4234.9	4283.8	4321.0	4350.7
32.5°	3725.4	3855.9	3967.1	4065.1	4153.1	4225.0	4290.2	4340.6	4385.0	4420.9	4448.4
30°	3845.0	3967.1	4075.2	4172.3	4252.6	4322.6	4381.3	4430.6	4471.6	4505.7	4529.9
27.5°	3944.7	4065.1	4172.3	4261.9	4338.7	4406.1	4459.8	4507.2	4543.0	4574.5	4595.3
25°	4034.9	4153.1	4252.6	4338.7	4413.3	4474.7	4525.9	4568.8	4600.6	4627.5	4643.0
22.5°	4111.8	4225.0	4322.6	4406.1	4474.7	4532.2	4580.4	4616.8	4642.7	4659.0	4668.2
20°	4179.8	4290.2	4381.3	4459.8	4525.9	4580.4	4622.3	4649.1	4667.2	4671.7	4674.3
17.5°	4234.9	4340.6	4430.6	4507.2	4568.8	4616.8	4649.1	4668.1	4673.5	4672.5	4669.9
15°	4283.8	4385.0	4471.6	4543.0	4600.6	4642.7	4667.2	4673.5	4671.9	4666.5	4658.1
12.5°	4321.0	4420.9	4505.7	4574.5	4627.5	4659.0	4671.7	4672.5	4666.5	4656.0	4644.1
10°	4350.7	4448.4	4529.9	4595.3	4643.0	4668.2	4674.3	4669.9	4658.1	4644.1	4630.8
7.5°	4374.1	4470.2	4549.2	4611.9	4653.1	4671.0	4672.4	4663.9	4649.7	4633.8	4619.5
5°	4391.1	4486.1	4563.2	4624.0	4660.5	4673.1	4670.9	4659.3	4642.8	4626.2	4613.1
2.5°	4401.4	4495.7	4571.7	4631.4	4665.1	4674.4	4670.0	4656.4	4638.5	4621.3	4608.8
0°	4404.8	4498.9	4574.6	4633.9	4666.6	4674.8	4669.7	4655.4	4637.0	4619.6	4607.3
-2.5°	4401.4	4495.7	4571.7	4631.4	4665.1	4674.4	4670.0	4656.4	4638.5	4621.3	4608.8
-5°	4391.1	4486.1	4563.2	4624.0	4660.5	4673.1	4670.9	4659.3	4642.8	4626.2	4613.1
-7.5°	4374.1	4470.2	4549.2	4611.9	4653.1	4671.0	4672.4	4663.9	4649.7	4633.8	4619.5
-10°	4350.7	4448.4	4529.9	4595.3	4643.0	4668.2	4674.3	4669.9	4658.1	4644.1	4630.8
-12.5°	4321.0	4420.9	4505.7	4574.5	4627.5	4659.0	4671.7	4672.5	4666.5	4656.0	4644.1
-15°	4283.8	4385.0	4471.6	4543.0	4600.6	4642.7	4667.2	4673.5	4671.9	4666.5	4658.1
-17.5°	4234.9	4340.6	4430.6	4507.2	4568.8	4616.8	4649.1	4668.1	4673.5	4672.5	4669.9
-20°	4179.8	4290.2	4381.3	4459.8	4525.9	4580.4	4622.3	4649.1	4667.2	4671.7	4674.3



REPORT NUMBER: P645414 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-750-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4111.8	4225.0	4322.6	4406.1	4474.7	4532.2	4580.4	4616.8	4642.7	4659.0	4668.2
-25°	4034.9	4153.1	4252.6	4338.7	4413.3	4474.7	4525.9	4568.8	4600.6	4627.5	4643.0
-27.5°	3944.7	4065.1	4172.3	4261.9	4338.7	4406.1	4459.8	4507.2	4543.0	4574.5	4595.3
-30°	3845.0	3967.1	4075.2	4172.3	4252.6	4322.6	4381.3	4430.6	4471.6	4505.7	4529.9
-32.5°	3725.4	3855.9	3967.1	4065.1	4153.1	4225.0	4290.2	4340.6	4385.0	4420.9	4448.4
-35°	3593.8	3725.4	3845.0	3944.7	4034.9	4111.8	4179.8	4234.9	4283.8	4321.0	4350.7
-37.5°	3441.3	3579.9	3700.8	3809.4	3900.5	3982.2	4051.3	4110.9	4163.6	4202.6	4235.2
-40°	3274.6	3414.3	3538.5	3652.2	3747.5	3835.5	3905.2	3968.2	4021.9	4064.0	4098.9
-42.5°	3094.8	3231.7	3358.2	3470.6	3573.3	3662.8	3738.1	3805.8	3860.8	3905.0	3941.6
-45°	2895.0	3033.1	3161.1	3272.4	3376.2	3465.6	3546.1	3618.4	3674.7	3722.0	3761.2
-47.5°	2673.6	2816.5	2941.9	3056.6	3160.5	3249.4	3330.3	3401.9	3460.5	3510.8	3552.4
-50°	2431.2	2576.2	2701.9	2819.8	2921.7	3012.7	3095.5	3166.1	3224.7	3274.9	3316.4
-52.5°	2165.8	2305.9	2437.5	2557.8	2659.0	2752.0	2836.4	2905.8	2965.5	3016.6	3058.7
-55°	1884.6	2019.6	2146.7	2261.7	2367.0	2463.6	2549.2	2618.4	2679.0	2730.7	2773.4
-57.5°	1606.0	1726.5	1840.9	1949.9	2050.9	2143.5	2225.1	2296.5	2358.9	2412.2	2456.1
-60°	1343.2	1438.1	1540.6	1637.2	1726.5	1808.3	1884.6	1952.5	2011.9	2062.6	2104.2
-62.5°	1107.9	1186.6	1267.6	1343.2	1412.9	1481.8	1548.7	1608.3	1660.4	1704.7	1741.2
-65°	918.5	978.7	1035.3	1087.9	1137.0	1194.4	1246.2	1292.3	1332.6	1366.8	1395.0
-67.5°	755.2	800.2	842.3	881.4	922.2	961.8	997.5	1029.2	1056.9	1080.4	1099.8
-70°	615.6	647.0	676.4	706.5	738.3	767.4	793.6	816.9	837.2	854.4	868.6
-72.5°	499.3	520.1	541.0	564.8	586.7	606.7	624.7	640.7	654.6	666.5	676.2
-75°	403.2	419.5	436.1	451.6	465.8	478.7	490.4	500.8	509.8	517.4	523.7
-77.5°	316.9	329.9	342.1	353.4	363.8	373.2	381.7	389.3	395.9	401.5	406.1
-80°	226.6	237.5	247.7	257.1	265.7	273.6	280.8	287.1	292.6	297.2	301.1
-82.5°	141.2	148.6	155.5	161.9	167.8	173.1	178.0	182.3	186.0	189.2	191.8
-85°	69.9	73.3	76.4	79.4	82.0	84.5	86.7	88.7	90.4	91.8	93.0
-87.5°	21.0	21.6	22.2	22.7	23.2	23.7	24.1	24.4	24.7	25.0	25.2
-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: P645414 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-750-U-LAM-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°	25.4	25.5	25.6	25.6	25.6	25.5	25.4	25.2	25.0	24.7	24.4
85°	93.9	94.6	95.0	95.1	95.0	94.6	93.9	93.0	91.8	90.4	88.7
82.5°	193.8	195.2	196.1	196.4	196.1	195.2	193.8	191.8	189.2	186.0	182.3
80°	304.0	306.2	307.5	307.9	307.5	306.2	304.0	301.1	297.2	292.6	287.1
77.5°	409.7	412.2	413.8	414.3	413.8	412.2	409.7	406.1	401.5	395.9	389.3
75°	528.7	532.2	534.3	535.0	534.3	532.2	528.7	523.7	517.4	509.8	500.8
72.5°	683.8	689.2	692.5	693.6	692.5	689.2	683.8	676.2	666.5	654.6	640.7
70°	879.7	887.6	892.4	894.0	892.4	887.6	879.7	868.6	854.4	837.2	816.9
67.5°	1114.9	1125.7	1132.2	1134.4	1132.2	1125.7	1114.9	1099.8	1080.4	1056.9	1029.2
65°	1417.0	1432.8	1442.2	1445.4	1442.2	1432.8	1417.0	1395.0	1366.8	1332.6	1292.3
62.5°	1769.7	1790.1	1802.4	1806.5	1802.4	1790.1	1769.7	1741.2	1704.7	1660.4	1608.3
60°	2136.8	2160.2	2174.2	2178.9	2174.2	2160.2	2136.8	2104.2	2062.6	2011.9	1952.5
57.5°	2490.4	2515.0	2529.9	2534.8	2529.9	2515.0	2490.4	2456.1	2412.2	2358.9	2296.5
55°	2806.7	2830.7	2845.1	2849.9	2845.1	2830.7	2806.7	2773.4	2730.7	2679.0	2618.4
52.5°	3091.6	3115.3	3129.5	3134.3	3129.5	3115.3	3091.6	3058.7	3016.6	2965.5	2905.8
50°	3348.9	3372.2	3386.3	3391.0	3386.3	3372.2	3348.9	3316.4	3274.9	3224.7	3166.1
47.5°	3585.0	3608.4	3622.6	3627.3	3622.6	3608.4	3585.0	3552.4	3510.8	3460.5	3401.9
45°	3792.0	3814.1	3827.4	3831.9	3827.4	3814.1	3792.0	3761.2	3722.0	3674.7	3618.4
42.5°	3970.4	3991.2	4003.7	4007.9	4003.7	3991.2	3970.4	3941.6	3905.0	3860.8	3805.8
40°	4126.4	4146.3	4158.3	4162.3	4158.3	4146.3	4126.4	4098.9	4064.0	4021.9	3968.2
37.5°	4260.8	4279.3	4290.6	4294.3	4290.6	4279.3	4260.8	4235.2	4202.6	4163.6	4110.9
35°	4374.1	4391.1	4401.4	4404.8	4401.4	4391.1	4374.1	4350.7	4321.0	4283.8	4234.9
32.5°	4470.2	4486.1	4495.7	4498.9	4495.7	4486.1	4470.2	4448.4	4420.9	4385.0	4340.6
30°	4549.2	4563.2	4571.7	4574.6	4571.7	4563.2	4549.2	4529.9	4505.7	4471.6	4430.6
27.5°	4611.9	4624.0	4631.4	4633.9	4631.4	4624.0	4611.9	4595.3	4574.5	4543.0	4507.2
25°	4653.1	4660.5	4665.1	4666.6	4665.1	4660.5	4653.1	4643.0	4627.5	4600.6	4568.8
22.5°	4671.0	4673.1	4674.4	4674.8	4674.4	4673.1	4671.0	4668.2	4659.0	4642.7	4616.8
20°	4672.4	4670.9	4670.0	4669.7	4670.0	4670.9	4672.4	4674.3	4671.7	4667.2	4649.1
17.5°	4663.9	4659.3	4656.4	4655.4	4656.4	4659.3	4663.9	4669.9	4672.5	4673.5	4668.1
15°	4649.7	4642.8	4638.5	4637.0	4638.5	4642.8	4649.7	4658.1	4666.5	4671.9	4673.5
12.5°	4633.8	4626.2	4621.3	4619.6	4621.3	4626.2	4633.8	4644.1	4656.0	4666.5	4672.5
10°	4619.5	4613.1	4608.8	4607.3	4608.8	4613.1	4619.5	4630.8	4644.1	4658.1	4669.9
7.5°	4610.2	4604.4	4601.3	4600.1	4601.3	4604.4	4610.2	4619.5	4633.8	4649.7	4663.9
5°	4604.4	4598.7	4593.9	4592.0	4593.9	4598.7	4604.4	4613.1	4626.2	4642.8	4659.3
2.5°	4601.3	4593.9	4586.6	4582.8	4586.6	4593.9	4601.3	4608.8	4621.3	4638.5	4656.4
0°	4600.1	4592.0	4582.8	4583.8	4582.8	4592.0	4600.1	4607.3	4619.6	4637.0	4655.4
-2.5°	4601.3	4593.9	4586.6	4582.8	4586.6	4593.9	4601.3	4608.8	4621.3	4638.5	4656.4
-5°	4604.4	4598.7	4593.9	4592.0	4593.9	4598.7	4604.4	4613.1	4626.2	4642.8	4659.3
-7.5°	4610.2	4604.4	4601.3	4600.1	4601.3	4604.4	4610.2	4619.5	4633.8	4649.7	4663.9
-10°	4619.5	4613.1	4608.8	4607.3	4608.8	4613.1	4619.5	4630.8	4644.1	4658.1	4669.9
-12.5°	4633.8	4626.2	4621.3	4619.6	4621.3	4626.2	4633.8	4644.1	4656.0	4666.5	4672.5
-15°	4649.7	4642.8	4638.5	4637.0	4638.5	4642.8	4649.7	4658.1	4666.5	4671.9	4673.5
-17.5°	4663.9	4659.3	4656.4	4655.4	4656.4	4659.3	4663.9	4669.9	4672.5	4673.5	4668.1
-20°	4672.4	4670.9	4670.0	4669.7	4670.0	4670.9	4672.4	4674.3	4671.7	4667.2	4649.1



REPORT NUMBER: P645414 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-750-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4671.0	4673.1	4674.4	4674.8	4674.4	4673.1	4671.0	4668.2	4659.0	4642.7	4616.8
-25°	4653.1	4660.5	4665.1	4666.6	4665.1	4660.5	4653.1	4643.0	4627.5	4600.6	4568.8
-27.5°	4611.9	4624.0	4631.4	4633.9	4631.4	4624.0	4611.9	4595.3	4574.5	4543.0	4507.2
-30°	4549.2	4563.2	4571.7	4574.6	4571.7	4563.2	4549.2	4529.9	4505.7	4471.6	4430.6
-32.5°	4470.2	4486.1	4495.7	4498.9	4495.7	4486.1	4470.2	4448.4	4420.9	4385.0	4340.6
-35°	4374.1	4391.1	4401.4	4404.8	4401.4	4391.1	4374.1	4350.7	4321.0	4283.8	4234.9
-37.5°	4260.8	4279.3	4290.6	4294.3	4290.6	4279.3	4260.8	4235.2	4202.6	4163.6	4110.9
-40°	4126.4	4146.3	4158.3	4162.3	4158.3	4146.3	4126.4	4098.9	4064.0	4021.9	3968.2
-42.5°	3970.4	3991.2	4003.7	4007.9	4003.7	3991.2	3970.4	3941.6	3905.0	3860.8	3805.8
-45°	3792.0	3814.1	3827.4	3831.9	3827.4	3814.1	3792.0	3761.2	3722.0	3674.7	3618.4
-47.5°	3585.0	3608.4	3622.6	3627.3	3622.6	3608.4	3585.0	3552.4	3510.8	3460.5	3401.9
-50°	3348.9	3372.2	3386.3	3391.0	3386.3	3372.2	3348.9	3316.4	3274.9	3224.7	3166.1
-52.5°	3091.6	3115.3	3129.5	3134.3	3129.5	3115.3	3091.6	3058.7	3016.6	2965.5	2905.8
-55°	2806.7	2830.7	2845.1	2849.9	2845.1	2830.7	2806.7	2773.4	2730.7	2679.0	2618.4
-57.5°	2490.4	2515.0	2529.9	2534.8	2529.9	2515.0	2490.4	2456.1	2412.2	2358.9	2296.5
-60°	2136.8	2160.2	2174.2	2178.9	2174.2	2160.2	2136.8	2104.2	2062.6	2011.9	1952.5
-62.5°	1769.7	1790.1	1802.4	1806.5	1802.4	1790.1	1769.7	1741.2	1704.7	1660.4	1608.3
-65°	1417.0	1432.8	1442.2	1445.4	1442.2	1432.8	1417.0	1395.0	1366.8	1332.6	1292.3
-67.5°	1114.9	1125.7	1132.2	1134.4	1132.2	1125.7	1114.9	1099.8	1080.4	1056.9	1029.2
-70°	879.7	887.6	892.4	894.0	892.4	887.6	879.7	868.6	854.4	837.2	816.9
-72.5°	683.8	689.2	692.5	693.6	692.5	689.2	683.8	676.2	666.5	654.6	640.7
-75°	528.7	532.2	534.3	535.0	534.3	532.2	528.7	523.7	517.4	509.8	500.8
-77.5°	409.7	412.2	413.8	414.3	413.8	412.2	409.7	406.1	401.5	395.9	389.3
-80°	304.0	306.2	307.5	307.9	307.5	306.2	304.0	301.1	297.2	292.6	287.1
-82.5°	193.8	195.2	196.1	196.4	196.1	195.2	193.8	191.8	189.2	186.0	182.3
-85°	93.9	94.6	95.0	95.1	95.0	94.6	93.9	93.0	91.8	90.4	88.7
-87.5°	25.4	25.5	25.6	25.6	25.6	25.5	25.4	25.2	25.0	24.7	24.4
-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: P645414 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-750-U-LAM-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°	24.1	23.7	23.2	22.7	22.2	21.6	21.0	20.3	19.6	18.9	18.1
85°	86.7	84.5	82.0	79.4	76.4	73.3	69.9	66.3	62.5	58.5	54.3
82.5°	178.0	173.1	167.8	161.9	155.5	148.6	141.2	133.3	125.0	116.3	107.1
80°	280.8	273.6	265.7	257.1	247.7	237.5	226.6	215.1	202.8	190.5	178.3
77.5°	381.7	373.2	363.8	353.4	342.1	329.9	316.9	302.9	287.6	271.4	254.5
75°	490.4	478.7	465.8	451.6	436.1	419.5	403.2	386.6	369.0	350.5	331.1
72.5°	624.7	606.7	586.7	564.8	541.0	520.1	499.3	477.2	453.8	429.2	404.8
70°	793.6	767.4	738.3	706.5	676.4	647.0	615.6	582.2	547.0	516.0	486.5
67.5°	997.5	961.8	922.2	881.4	842.3	800.2	755.2	707.6	664.8	623.1	579.4
65°	1246.2	1194.4	1137.0	1087.9	1035.3	978.7	918.5	861.1	805.0	746.1	686.5
62.5°	1548.7	1481.8	1412.9	1343.2	1267.6	1186.6	1107.9	1037.2	962.8	886.3	818.4
60°	1884.6	1808.3	1726.5	1637.2	1540.6	1438.1	1343.2	1242.7	1137.0	1050.9	961.8
57.5°	2225.1	2143.5	2050.9	1949.9	1840.9	1726.5	1606.0	1478.8	1359.0	1238.5	1118.0
55°	2549.2	2463.6	2367.0	2261.7	2146.7	2019.6	1884.6	1744.1	1599.2	1447.8	1312.0
52.5°	2836.4	2752.0	2659.0	2557.8	2437.5	2305.9	2165.8	2011.9	1850.7	1686.4	1517.1
50°	3095.5	3012.7	2921.7	2819.8	2701.9	2576.2	2431.2	2273.0	2104.2	1924.0	1739.2
47.5°	3330.3	3249.4	3160.5	3056.6	2941.9	2816.5	2673.6	2522.1	2345.0	2160.2	1960.9
45°	3546.1	3465.6	3376.2	3272.4	3161.1	3033.1	2895.0	2739.5	2572.3	2381.3	2178.9
42.5°	3738.1	3662.8	3573.3	3470.6	3358.2	3231.7	3094.8	2940.6	2772.7	2588.7	2381.3
40°	3905.2	3835.5	3747.5	3652.2	3538.5	3414.3	3274.6	3125.9	2955.9	2772.7	2572.3
37.5°	4051.3	3982.2	3900.5	3809.4	3700.8	3579.9	3441.3	3289.0	3125.9	2940.6	2739.5
35°	4179.8	4111.8	4034.9	3944.7	3845.0	3725.4	3593.8	3441.3	3274.6	3094.8	2895.0
32.5°	4290.2	4225.0	4153.1	4065.1	3967.1	3855.9	3725.4	3579.9	3414.3	3231.7	3033.1
30°	4381.3	4322.6	4252.6	4172.3	4075.2	3967.1	3845.0	3700.8	3538.5	3358.2	3161.1
27.5°	4459.8	4406.1	4338.7	4261.9	4172.3	4065.1	3944.7	3809.4	3652.2	3470.6	3272.4
25°	4525.9	4474.7	4413.3	4338.7	4252.6	4153.1	4034.9	3900.5	3747.5	3573.3	3376.2
22.5°	4580.4	4532.2	4474.7	4406.1	4322.6	4225.0	4111.8	3982.2	3835.5	3662.8	3465.6
20°	4622.3	4580.4	4525.9	4459.8	4381.3	4290.2	4179.8	4051.3	3905.2	3738.1	3546.1
17.5°	4649.1	4616.8	4568.8	4507.2	4430.6	4340.6	4234.9	4110.9	3968.2	3805.8	3618.4
15°	4667.2	4642.7	4600.6	4543.0	4471.6	4385.0	4283.8	4163.6	4021.9	3860.8	3674.7
12.5°	4671.7	4659.0	4627.5	4574.5	4505.7	4420.9	4321.0	4202.6	4064.0	3905.0	3722.0
10°	4674.3	4668.2	4643.0	4595.3	4529.9	4448.4	4350.7	4235.2	4098.9	3941.6	3761.2
7.5°	4672.4	4671.0	4653.1	4611.9	4549.2	4470.2	4374.1	4260.8	4126.4	3970.4	3792.0
5°	4670.9	4673.1	4660.5	4624.0	4563.2	4486.1	4391.1	4279.3	4146.3	3991.2	3814.1
2.5°	4670.0	4674.4	4665.1	4631.4	4571.7	4495.7	4401.4	4290.6	4158.3	4003.7	3827.4
0°	4669.7	4674.8	4666.6	4633.9	4574.6	4498.9	4404.8	4294.3	4162.3	4007.9	3831.9
-2.5°	4670.0	4674.4	4665.1	4631.4	4571.7	4495.7	4401.4	4290.6	4158.3	4003.7	3827.4
-5°	4670.9	4673.1	4660.5	4624.0	4563.2	4486.1	4391.1	4279.3	4146.3	3991.2	3814.1
-7.5°	4672.4	4671.0	4653.1	4611.9	4549.2	4470.2	4374.1	4260.8	4126.4	3970.4	3792.0
-10°	4674.3	4668.2	4643.0	4595.3	4529.9	4448.4	4350.7	4235.2	4098.9	3941.6	3761.2
-12.5°	4671.7	4659.0	4627.5	4574.5	4505.7	4420.9	4321.0	4202.6	4064.0	3905.0	3722.0
-15°	4667.2	4642.7	4600.6	4543.0	4471.6	4385.0	4283.8	4163.6	4021.9	3860.8	3674.7
-17.5°	4649.1	4616.8	4568.8	4507.2	4430.6	4340.6	4234.9	4110.9	3968.2	3805.8	3618.4
-20°	4622.3	4580.4	4525.9	4459.8	4381.3	4290.2	4179.8	4051.3	3905.2	3738.1	3546.1

Classified

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

Scaled Data Report



REPORT NUMBER: P645414 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3B-750-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4580.4	4532.2	4474.7	4406.1	4322.6	4225.0	4111.8	3982.2	3835.5	3662.8	3465.6
-25°	4525.9	4474.7	4413.3	4338.7	4252.6	4153.1	4034.9	3900.5	3747.5	3573.3	3376.2
-27.5°	4459.8	4406.1	4338.7	4261.9	4172.3	4065.1	3944.7	3809.4	3652.2	3470.6	3272.4
-30°	4381.3	4322.6	4252.6	4172.3	4075.2	3967.1	3845.0	3700.8	3538.5	3358.2	3161.1
-32.5°	4290.2	4225.0	4153.1	4065.1	3967.1	3855.9	3725.4	3579.9	3414.3	3231.7	3033.1
-35°	4179.8	4111.8	4034.9	3944.7	3845.0	3725.4	3593.8	3441.3	3274.6	3094.8	2895.0
-37.5°	4051.3	3982.2	3900.5	3809.4	3700.8	3579.9	3441.3	3289.0	3125.9	2940.6	2739.5
-40°	3905.2	3835.5	3747.5	3652.2	3538.5	3414.3	3274.6	3125.9	2955.9	2772.7	2572.3
-42.5°	3738.1	3662.8	3573.3	3470.6	3358.2	3231.7	3094.8	2940.6	2772.7	2588.7	2381.3
-45°	3546.1	3465.6	3376.2	3272.4	3161.1	3033.1	2895.0	2739.5	2572.3	2381.3	2178.9
-47.5°	3330.3	3249.4	3160.5	3056.6	2941.9	2816.5	2673.6	2522.1	2345.0	2160.2	1960.9
-50°	3095.5	3012.7	2921.7	2819.8	2701.9	2576.2	2431.2	2273.0	2104.2	1924.0	1739.2
-52.5°	2836.4	2752.0	2659.0	2557.8	2437.5	2305.9	2165.8	2011.9	1850.7	1686.4	1517.1
-55°	2549.2	2463.6	2367.0	2261.7	2146.7	2019.6	1884.6	1744.1	1599.2	1447.8	1312.0
-57.5°	2225.1	2143.5	2050.9	1949.9	1840.9	1726.5	1606.0	1478.8	1359.0	1238.5	1118.0
-60°	1884.6	1808.3	1726.5	1637.2	1540.6	1438.1	1343.2	1242.7	1137.0	1050.9	961.8
-62.5°	1548.7	1481.8	1412.9	1343.2	1267.6	1186.6	1107.9	1037.2	962.8	886.3	818.4
-65°	1246.2	1194.4	1137.0	1087.9	1035.3	978.7	918.5	861.1	805.0	746.1	686.5
-67.5°	997.5	961.8	922.2	881.4	842.3	800.2	755.2	707.6	664.8	623.1	579.4
-70°	793.6	767.4	738.3	706.5	676.4	647.0	615.6	582.2	547.0	516.0	486.5
-72.5°	624.7	606.7	586.7	564.8	541.0	520.1	499.3	477.2	453.8	429.2	404.8
-75°	490.4	478.7	465.8	451.6	436.1	419.5	403.2	386.6	369.0	350.5	331.1
-77.5°	381.7	373.2	363.8	353.4	342.1	329.9	316.9	302.9	287.6	271.4	254.5
-80°	280.8	273.6	265.7	257.1	247.7	237.5	226.6	215.1	202.8	190.5	178.3
-82.5°	178.0	173.1	167.8	161.9	155.5	148.6	141.2	133.3	125.0	116.3	107.1
-85°	86.7	84.5	82.0	79.4	76.4	73.3	69.9	66.3	62.5	58.5	54.3
-87.5°	24.1	23.7	23.2	22.7	22.2	21.6	21.0	20.3	19.6	18.9	18.1
-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: P645414 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-750-U-LAM-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°	17.3	16.5	15.6	14.7	13.8	12.8	11.8	10.8	9.8	8.8	7.7
85°	49.9	45.4	40.7	35.8	30.7	25.6	23.6	21.6	19.6	17.5	15.4
82.5°	97.5	89.9	82.8	75.5	67.9	60.1	52.2	44.0	35.7	27.2	23.0
80°	165.5	152.2	138.4	124.1	109.4	94.6	84.0	73.1	62.0	50.8	39.3
77.5°	236.9	218.6	199.6	181.5	163.1	144.2	124.9	105.2	88.2	74.1	59.8
75°	310.9	289.0	266.2	242.7	218.4	193.8	170.6	147.0	122.8	98.3	80.2
72.5°	381.2	356.6	331.2	304.9	276.6	247.6	217.9	188.3	160.3	131.7	102.7
70°	455.8	424.0	393.8	363.8	333.0	301.1	267.2	232.6	197.3	164.7	131.7
67.5°	534.2	498.3	461.2	423.0	387.3	351.8	315.5	277.0	237.5	197.3	160.3
65°	635.9	583.4	530.6	488.1	444.5	401.5	361.2	320.2	277.0	232.6	188.3
62.5°	747.9	678.7	619.1	557.7	504.3	455.3	406.2	361.2	315.5	267.2	217.9
60°	873.4	793.6	711.3	640.7	572.0	509.8	455.3	401.5	351.8	301.1	247.6
57.5°	1017.5	913.7	821.2	729.7	647.9	572.0	504.3	444.5	387.3	333.0	276.6
55°	1171.6	1051.2	936.0	830.5	729.7	640.7	557.7	488.1	423.0	363.8	304.9
52.5°	1356.4	1201.0	1062.5	936.0	821.2	711.3	619.1	530.6	461.2	393.8	331.2
50°	1552.0	1371.3	1201.0	1051.2	913.7	793.6	678.7	583.4	498.3	424.0	356.6
47.5°	1756.9	1552.0	1356.4	1171.6	1017.5	873.4	747.9	635.9	534.2	455.8	381.2
45°	1960.9	1739.2	1517.1	1312.0	1118.0	961.8	818.4	686.5	579.4	486.5	404.8
42.5°	2160.2	1924.0	1686.4	1447.8	1238.5	1050.9	886.3	746.1	623.1	516.0	429.2
40°	2345.0	2104.2	1850.7	1599.2	1359.0	1137.0	962.8	805.0	664.8	547.0	453.8
37.5°	2522.1	2273.0	2011.9	1744.1	1478.8	1242.7	1037.2	861.1	707.6	582.2	477.2
35°	2673.6	2431.2	2165.8	1884.6	1606.0	1343.2	1107.9	918.5	755.2	615.6	499.3
32.5°	2816.5	2576.2	2305.9	2019.6	1726.5	1438.1	1186.6	978.7	800.2	647.0	520.1
30°	2941.9	2701.9	2437.5	2146.7	1840.9	1540.6	1267.6	1035.3	842.3	676.4	541.0
27.5°	3056.6	2819.8	2557.8	2261.7	1949.9	1637.2	1343.2	1087.9	881.4	706.5	564.8
25°	3160.5	2921.7	2659.0	2367.0	2050.9	1726.5	1412.9	1137.0	922.2	738.3	586.7
22.5°	3249.4	3012.7	2752.0	2463.6	2143.5	1808.3	1481.8	1194.4	961.8	767.4	606.7
20°	3330.3	3095.5	2836.4	2549.2	2225.1	1884.6	1548.7	1246.2	997.5	793.6	624.7
17.5°	3401.9	3166.1	2905.8	2618.4	2296.5	1952.5	1608.3	1292.3	1029.2	816.9	640.7
15°	3460.5	3224.7	2965.5	2679.0	2358.9	2011.9	1660.4	1332.6	1056.9	837.2	654.6
12.5°	3510.8	3274.9	3016.6	2730.7	2412.2	2062.6	1704.7	1366.8	1080.4	854.4	666.5
10°	3552.4	3316.4	3058.7	2773.4	2456.1	2104.2	1741.2	1395.0	1099.8	868.6	676.2
7.5°	3585.0	3348.9	3091.6	2806.7	2490.4	2136.8	1769.7	1417.0	1114.9	879.7	683.8
5°	3608.4	3372.2	3115.3	2830.7	2515.0	2160.2	1790.1	1432.8	1125.7	887.6	689.2
2.5°	3622.6	3386.3	3129.5	2845.1	2529.9	2174.2	1802.4	1442.2	1132.2	892.4	692.5
0°	3627.3	3391.0	3134.3	2849.9	2534.8	2178.9	1806.5	1445.4	1134.4	894.0	693.6
-2.5°	3622.6	3386.3	3129.5	2845.1	2529.9	2174.2	1802.4	1442.2	1132.2	892.4	692.5
-5°	3608.4	3372.2	3115.3	2830.7	2515.0	2160.2	1790.1	1432.8	1125.7	887.6	689.2
-7.5°	3585.0	3348.9	3091.6	2806.7	2490.4	2136.8	1769.7	1417.0	1114.9	879.7	683.8
-10°	3552.4	3316.4	3058.7	2773.4	2456.1	2104.2	1741.2	1395.0	1099.8	868.6	676.2
-12.5°	3510.8	3274.9	3016.6	2730.7	2412.2	2062.6	1704.7	1366.8	1080.4	854.4	666.5
-15°	3460.5	3224.7	2965.5	2679.0	2358.9	2011.9	1660.4	1332.6	1056.9	837.2	654.6
-17.5°	3401.9	3166.1	2905.8	2618.4	2296.5	1952.5	1608.3	1292.3	1029.2	816.9	640.7
-20°	3330.3	3095.5	2836.4	2549.2	2225.1	1884.6	1548.7	1246.2	997.5	793.6	624.7



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	3249.4	3012.7	2752.0	2463.6	2143.5	1808.3	1481.8	1194.4	961.8	767.4	606.7
-25°	3160.5	2921.7	2659.0	2367.0	2050.9	1726.5	1412.9	1137.0	922.2	738.3	586.7
-27.5°	3056.6	2819.8	2557.8	2261.7	1949.9	1637.2	1343.2	1087.9	881.4	706.5	564.8
-30°	2941.9	2701.9	2437.5	2146.7	1840.9	1540.6	1267.6	1035.3	842.3	676.4	541.0
-32.5°	2816.5	2576.2	2305.9	2019.6	1726.5	1438.1	1186.6	978.7	800.2	647.0	520.1
-35°	2673.6	2431.2	2165.8	1884.6	1606.0	1343.2	1107.9	918.5	755.2	615.6	499.3
-37.5°	2522.1	2273.0	2011.9	1744.1	1478.8	1242.7	1037.2	861.1	707.6	582.2	477.2
-40°	2345.0	2104.2	1850.7	1599.2	1359.0	1137.0	962.8	805.0	664.8	547.0	453.8
-42.5°	2160.2	1924.0	1686.4	1447.8	1238.5	1050.9	886.3	746.1	623.1	516.0	429.2
-45°	1960.9	1739.2	1517.1	1312.0	1118.0	961.8	818.4	686.5	579.4	486.5	404.8
-47.5°	1756.9	1552.0	1356.4	1171.6	1017.5	873.4	747.9	635.9	534.2	455.8	381.2
-50°	1552.0	1371.3	1201.0	1051.2	913.7	793.6	678.7	583.4	498.3	424.0	356.6
-52.5°	1356.4	1201.0	1062.5	936.0	821.2	711.3	619.1	530.6	461.2	393.8	331.2
-55°	1171.6	1051.2	936.0	830.5	729.7	640.7	557.7	488.1	423.0	363.8	304.9
-57.5°	1017.5	913.7	821.2	729.7	647.9	572.0	504.3	444.5	387.3	333.0	276.6
-60°	873.4	793.6	711.3	640.7	572.0	509.8	455.3	401.5	351.8	301.1	247.6
-62.5°	747.9	678.7	619.1	557.7	504.3	455.3	406.2	361.2	315.5	267.2	217.9
-65°	635.9	583.4	530.6	488.1	444.5	401.5	361.2	320.2	277.0	232.6	188.3
-67.5°	534.2	498.3	461.2	423.0	387.3	351.8	315.5	277.0	237.5	197.3	160.3
-70°	455.8	424.0	393.8	363.8	333.0	301.1	267.2	232.6	197.3	164.7	131.7
-72.5°	381.2	356.6	331.2	304.9	276.6	247.6	217.9	188.3	160.3	131.7	102.7
-75°	310.9	289.0	266.2	242.7	218.4	193.8	170.6	147.0	122.8	98.3	80.2
-77.5°	236.9	218.6	199.6	181.5	163.1	144.2	124.9	105.2	88.2	74.1	59.8
-80°	165.5	152.2	138.4	124.1	109.4	94.6	84.0	73.1	62.0	50.8	39.3
-82.5°	97.5	89.9	82.8	75.5	67.9	60.1	52.2	44.0	35.7	27.2	23.0
-85°	49.9	45.4	40.7	35.8	30.7	25.6	23.6	21.6	19.6	17.5	15.4
-87.5°	17.3	16.5	15.6	14.7	13.8	12.8	11.8	10.8	9.8	8.8	7.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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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°	6.6	5.5	4.4	3.3	2.2	1.1	0.0
85°	13.2	11.1	8.9	6.7	4.5	2.2	0.0
82.5°	19.8	16.6	13.3	10.0	6.7	3.3	0.0
80°	27.7	22.1	17.7	13.3	8.9	4.4	0.0
77.5°	45.4	30.7	22.1	16.6	11.1	5.5	0.0
75°	62.9	45.4	27.7	19.8	13.2	6.6	0.0
72.5°	80.2	59.8	39.3	23.0	15.4	7.7	0.0
70°	98.3	74.1	50.8	27.2	17.5	8.8	0.0
67.5°	122.8	88.2	62.0	35.7	19.6	9.8	0.0
65°	147.0	105.2	73.1	44.0	21.6	10.8	0.0
62.5°	170.6	124.9	84.0	52.2	23.6	11.8	0.0
60°	193.8	144.2	94.6	60.1	25.6	12.8	0.0
57.5°	218.4	163.1	109.4	67.9	30.7	13.8	0.0
55°	242.7	181.5	124.1	75.5	35.8	14.7	0.0
52.5°	266.2	199.6	138.4	82.8	40.7	15.6	0.0
50°	289.0	218.6	152.2	89.9	45.4	16.5	0.0
47.5°	310.9	236.9	165.5	97.5	49.9	17.3	0.0
45°	331.1	254.5	178.3	107.1	54.3	18.1	0.0
42.5°	350.5	271.4	190.5	116.3	58.5	18.9	0.0
40°	369.0	287.6	202.8	125.0	62.5	19.6	0.0
37.5°	386.6	302.9	215.1	133.3	66.3	20.3	0.0
35°	403.2	316.9	226.6	141.2	69.9	21.0	0.0
32.5°	419.5	329.9	237.5	148.6	73.3	21.6	0.0
30°	436.1	342.1	247.7	155.5	76.4	22.2	0.0
27.5°	451.6	353.4	257.1	161.9	79.4	22.7	0.0
25°	465.8	363.8	265.7	167.8	82.0	23.2	0.0
22.5°	478.7	373.2	273.6	173.1	84.5	23.7	0.0
20°	490.4	381.7	280.8	178.0	86.7	24.1	0.0
17.5°	500.8	389.3	287.1	182.3	88.7	24.4	0.0
15°	509.8	395.9	292.6	186.0	90.4	24.7	0.0
12.5°	517.4	401.5	297.2	189.2	91.8	25.0	0.0
10°	523.7	406.1	301.1	191.8	93.0	25.2	0.0
7.5°	528.7	409.7	304.0	193.8	93.9	25.4	0.0
5°	532.2	412.2	306.2	195.2	94.6	25.5	0.0
2.5°	534.3	413.8	307.5	196.1	95.0	25.6	0.0
0°	535.0	414.3	307.9	196.4	95.1	25.6	0.0
-2.5°	534.3	413.8	307.5	196.1	95.0	25.6	0.0
-5°	532.2	412.2	306.2	195.2	94.6	25.5	0.0
-7.5°	528.7	409.7	304.0	193.8	93.9	25.4	0.0
-10°	523.7	406.1	301.1	191.8	93.0	25.2	0.0
-12.5°	517.4	401.5	297.2	189.2	91.8	25.0	0.0
-15°	509.8	395.9	292.6	186.0	90.4	24.7	0.0
-17.5°	500.8	389.3	287.1	182.3	88.7	24.4	0.0
-20°	490.4	381.7	280.8	178.0	86.7	24.1	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	478.7	373.2	273.6	173.1	84.5	23.7	0.0
-25°	465.8	363.8	265.7	167.8	82.0	23.2	0.0
-27.5°	451.6	353.4	257.1	161.9	79.4	22.7	0.0
-30°	436.1	342.1	247.7	155.5	76.4	22.2	0.0
-32.5°	419.5	329.9	237.5	148.6	73.3	21.6	0.0
-35°	403.2	316.9	226.6	141.2	69.9	21.0	0.0
-37.5°	386.6	302.9	215.1	133.3	66.3	20.3	0.0
-40°	369.0	287.6	202.8	125.0	62.5	19.6	0.0
-42.5°	350.5	271.4	190.5	116.3	58.5	18.9	0.0
-45°	331.1	254.5	178.3	107.1	54.3	18.1	0.0
-47.5°	310.9	236.9	165.5	97.5	49.9	17.3	0.0
-50°	289.0	218.6	152.2	89.9	45.4	16.5	0.0
-52.5°	266.2	199.6	138.4	82.8	40.7	15.6	0.0
-55°	242.7	181.5	124.1	75.5	35.8	14.7	0.0
-57.5°	218.4	163.1	109.4	67.9	30.7	13.8	0.0
-60°	193.8	144.2	94.6	60.1	25.6	12.8	0.0
-62.5°	170.6	124.9	84.0	52.2	23.6	11.8	0.0
-65°	147.0	105.2	73.1	44.0	21.6	10.8	0.0
-67.5°	122.8	88.2	62.0	35.7	19.6	9.8	0.0
-70°	98.3	74.1	50.8	27.2	17.5	8.8	0.0
-72.5°	80.2	59.8	39.3	23.0	15.4	7.7	0.0
-75°	62.9	45.4	27.7	19.8	13.2	6.6	0.0
-77.5°	45.4	30.7	22.1	16.6	11.1	5.5	0.0
-80°	27.7	22.1	17.7	13.3	8.9	4.4	0.0
-82.5°	19.8	16.6	13.3	10.0	6.7	3.3	0.0
-85°	13.2	11.1	8.9	6.7	4.5	2.2	0.0
-87.5°	6.6	5.5	4.4	3.3	2.2	1.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)