

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: P645420 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA3C-730-U-LAM-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645420 (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-SA3C-730-U-LAM-XX
Description: GALLEON FLOOD, THREE LIGHT SQUARE, LAMBERTIAN
Light Source: (48) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

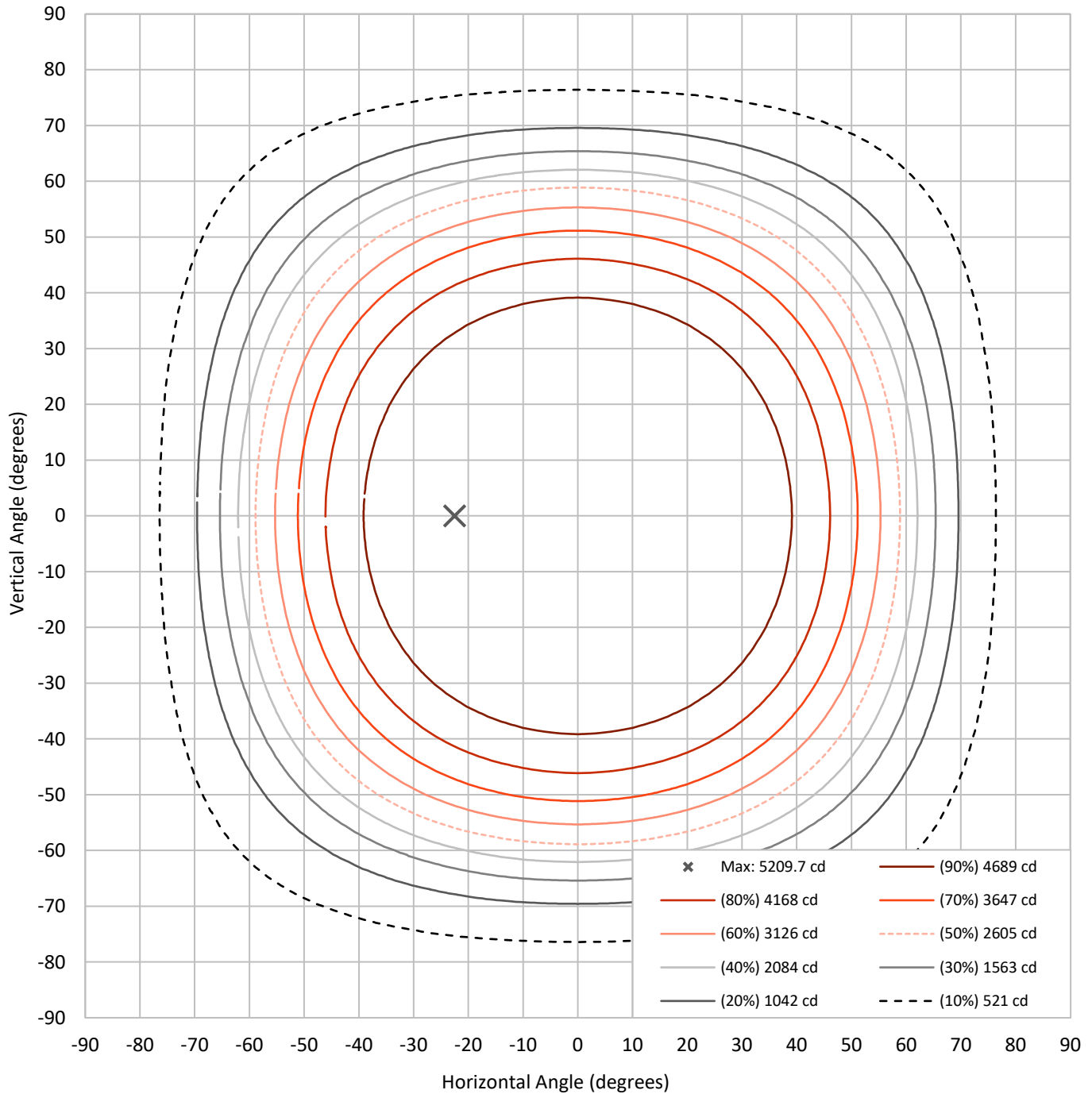
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	15936.7 lumens	Max Intensity:	5209.7 candela
Efficiency:	N/A	Max Intensity Angle:	-22.5°H x 0°V
Efficacy:	131.0 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:	13262.8 lumens	Field Lumens:	15623.2 lumens
Beam Efficiency:	83.2%	Field Efficiency:	98.0%
Input Watts (W):	121.7		
Input Voltage (V):	120		
Input Current (A _{in}):	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		



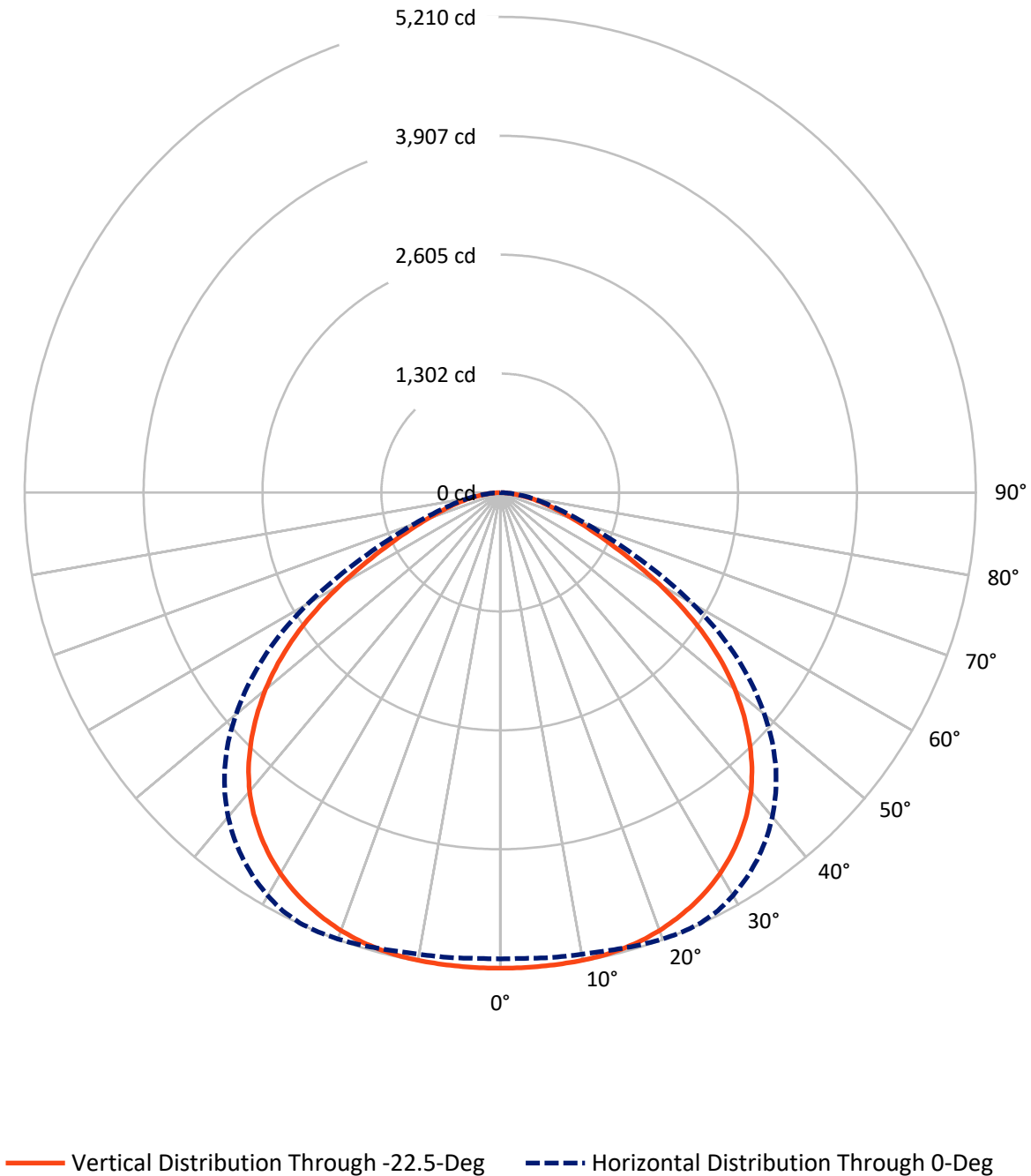
REPORT NUMBER: P645420 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3C-730-U-LAM-XX

Iso-Candela Plot



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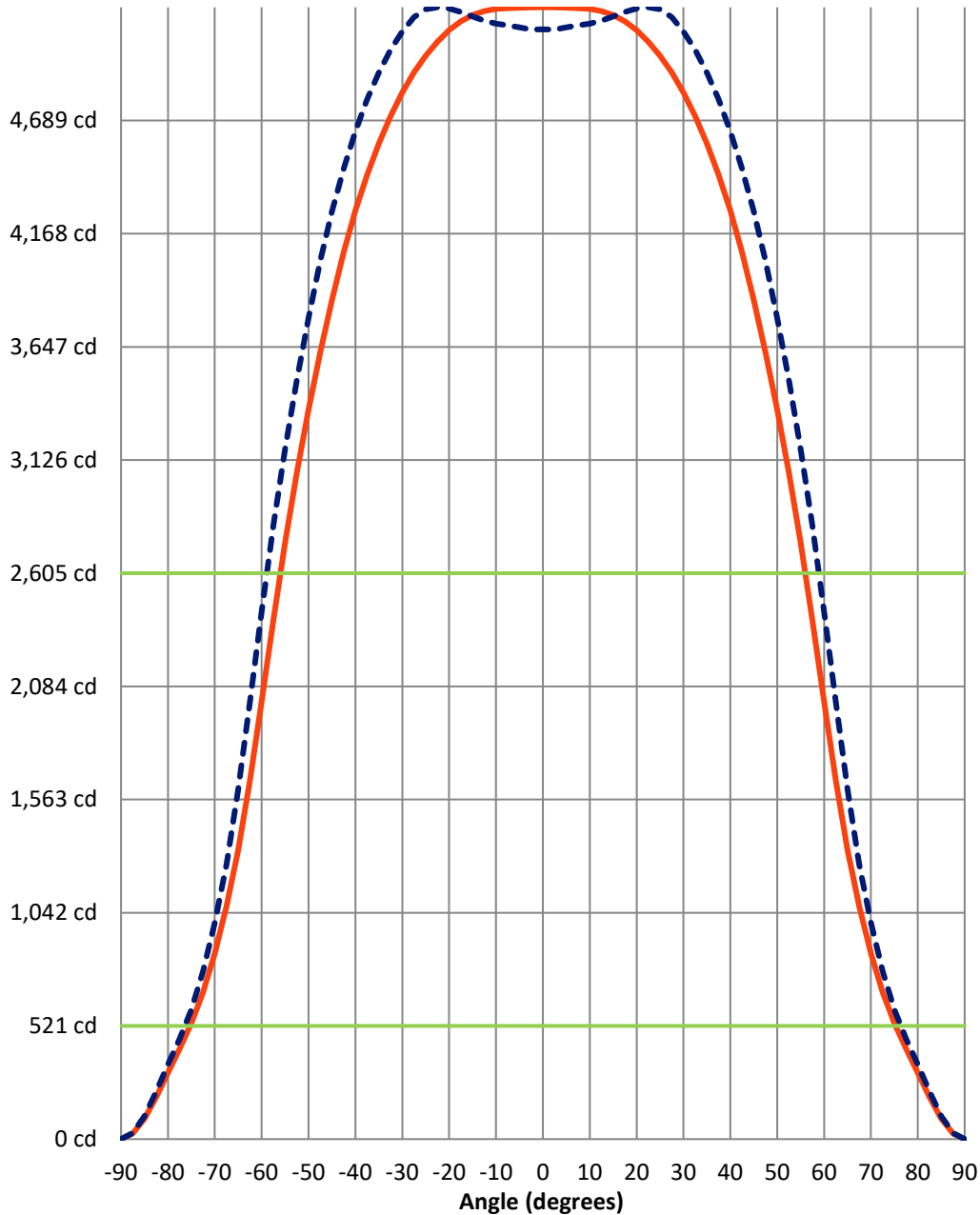
Luminous Intensity Polar Plot





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Luminous Intensity Plot



Beam:
 H Angle: 117.8°
 V Angle: 112°
 Lumens: 13262.8
 Efficiency: 83.2%

Field:
 H Angle: 152.8°
 V Angle: 150.5°
 Lumens: 15623.2
 Efficiency: 98.0%

Spill:
 Lumens: 313.4
 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	1.2	2.5	3.7	4.9	6.2	7.4	8.6	9.7	10.9	12.0
85°	0.0	2.5	5.0	7.4	9.9	12.3	14.7	17.1	19.5	21.8	24.1
82.5°	0.0	3.7	7.4	11.1	14.8	18.5	22.1	25.6	30.3	39.8	49.0
80°	0.0	4.9	9.9	14.8	19.7	24.6	30.9	43.8	56.6	69.1	81.5
77.5°	0.0	6.2	12.3	18.5	24.6	34.2	50.6	66.7	82.6	98.3	117.2
75°	0.0	7.4	14.7	22.1	30.9	50.6	70.1	89.4	109.5	136.9	163.8
72.5°	0.0	8.6	17.1	25.6	43.8	66.7	89.4	114.5	146.8	178.6	209.9
70°	0.0	9.7	19.5	30.3	56.6	82.6	109.5	146.8	183.6	219.9	259.2
67.5°	0.0	10.9	21.8	39.8	69.1	98.3	136.9	178.6	219.9	264.7	308.7
65°	0.0	12.0	24.1	49.0	81.5	117.2	163.8	209.9	259.2	308.7	356.8
62.5°	0.0	13.2	26.3	58.1	93.6	139.2	190.2	242.8	297.7	351.5	402.5
60°	0.0	14.2	28.5	67.0	105.4	160.8	216.0	275.9	335.5	392.0	447.4
57.5°	0.0	15.3	34.2	75.7	122.0	181.8	243.4	308.2	371.1	431.6	495.3
55°	0.0	16.3	39.8	84.1	138.3	202.3	270.4	339.7	405.4	471.4	543.9
52.5°	0.0	17.3	45.3	92.3	154.2	222.4	296.7	369.1	438.8	514.0	591.3
50°	0.0	18.3	50.6	100.2	169.6	243.6	322.1	397.4	472.5	555.3	650.1
47.5°	0.0	19.3	55.6	108.7	184.5	264.0	346.4	424.8	508.0	595.3	708.6
45°	0.0	20.1	60.5	119.4	198.7	283.7	369.0	451.1	542.2	645.7	765.0
42.5°	0.0	21.0	65.2	129.6	212.4	302.5	390.6	478.3	575.0	694.3	831.4
40°	0.0	21.8	69.7	139.4	226.1	320.4	411.2	505.7	609.6	740.9	897.1
37.5°	0.0	22.6	73.9	148.6	239.7	337.5	430.8	531.7	648.8	788.5	959.7
35°	0.0	23.3	77.9	157.4	252.6	353.2	449.4	556.4	686.0	841.6	1023.6
32.5°	0.0	24.0	81.7	165.6	264.7	367.7	467.5	579.6	721.0	891.7	1090.7
30°	0.0	24.7	85.2	173.3	276.0	381.2	486.0	602.9	753.8	938.6	1153.7
27.5°	0.0	25.3	88.4	180.4	286.5	393.8	503.2	629.4	787.2	982.3	1212.3
25°	0.0	25.8	91.4	187.0	296.1	405.4	519.1	653.8	822.7	1027.7	1267.1
22.5°	0.0	26.3	94.2	193.0	304.9	415.9	533.5	676.1	855.1	1071.8	1331.1
20°	0.0	26.8	96.6	198.4	312.9	425.4	546.5	696.1	884.4	1111.6	1388.8
17.5°	0.0	27.2	98.8	203.1	319.9	433.8	558.0	713.9	910.3	1146.9	1440.2
15°	0.0	27.5	100.7	207.3	326.0	441.2	568.1	729.5	932.9	1177.8	1485.0
12.5°	0.0	27.8	102.3	210.8	331.2	447.4	576.6	742.7	952.2	1204.0	1523.2
10°	0.0	28.1	103.6	213.7	335.5	452.5	583.7	753.5	968.0	1225.6	1554.6
7.5°	0.0	28.3	104.7	216.0	338.8	456.5	589.1	762.0	980.4	1242.5	1579.1
5°	0.0	28.4	105.4	217.6	341.2	459.4	593.1	768.0	989.2	1254.5	1596.7
2.5°	0.0	28.5	105.9	218.6	342.6	461.1	595.4	771.7	994.5	1261.8	1607.3
0°	0.0	28.5	106.0	218.9	343.1	461.7	596.2	772.9	996.3	1264.2	1610.8
-2.5°	0.0	28.5	105.9	218.6	342.6	461.1	595.4	771.7	994.5	1261.8	1607.3
-5°	0.0	28.4	105.4	217.6	341.2	459.4	593.1	768.0	989.2	1254.5	1596.7
-7.5°	0.0	28.3	104.7	216.0	338.8	456.5	589.1	762.0	980.4	1242.5	1579.1
-10°	0.0	28.1	103.6	213.7	335.5	452.5	583.7	753.5	968.0	1225.6	1554.6
-12.5°	0.0	27.8	102.3	210.8	331.2	447.4	576.6	742.7	952.2	1204.0	1523.2
-15°	0.0	27.5	100.7	207.3	326.0	441.2	568.1	729.5	932.9	1177.8	1485.0
-17.5°	0.0	27.2	98.8	203.1	319.9	433.8	558.0	713.9	910.3	1146.9	1440.2
-20°	0.0	26.8	96.6	198.4	312.9	425.4	546.5	696.1	884.4	1111.6	1388.8

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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	26.3	94.2	193.0	304.9	415.9	533.5	676.1	855.1	1071.8	1331.1
-25°	0.0	25.8	91.4	187.0	296.1	405.4	519.1	653.8	822.7	1027.7	1267.1
-27.5°	0.0	25.3	88.4	180.4	286.5	393.8	503.2	629.4	787.2	982.3	1212.3
-30°	0.0	24.7	85.2	173.3	276.0	381.2	486.0	602.9	753.8	938.6	1153.7
-32.5°	0.0	24.0	81.7	165.6	264.7	367.7	467.5	579.6	721.0	891.7	1090.7
-35°	0.0	23.3	77.9	157.4	252.6	353.2	449.4	556.4	686.0	841.6	1023.6
-37.5°	0.0	22.6	73.9	148.6	239.7	337.5	430.8	531.7	648.8	788.5	959.7
-40°	0.0	21.8	69.7	139.4	226.1	320.4	411.2	505.7	609.6	740.9	897.1
-42.5°	0.0	21.0	65.2	129.6	212.4	302.5	390.6	478.3	575.0	694.3	831.4
-45°	0.0	20.1	60.5	119.4	198.7	283.7	369.0	451.1	542.2	645.7	765.0
-47.5°	0.0	19.3	55.6	108.7	184.5	264.0	346.4	424.8	508.0	595.3	708.6
-50°	0.0	18.3	50.6	100.2	169.6	243.6	322.1	397.4	472.5	555.3	650.1
-52.5°	0.0	17.3	45.3	92.3	154.2	222.4	296.7	369.1	438.8	514.0	591.3
-55°	0.0	16.3	39.8	84.1	138.3	202.3	270.4	339.7	405.4	471.4	543.9
-57.5°	0.0	15.3	34.2	75.7	122.0	181.8	243.4	308.2	371.1	431.6	495.3
-60°	0.0	14.2	28.5	67.0	105.4	160.8	216.0	275.9	335.5	392.0	447.4
-62.5°	0.0	13.2	26.3	58.1	93.6	139.2	190.2	242.8	297.7	351.5	402.5
-65°	0.0	12.0	24.1	49.0	81.5	117.2	163.8	209.9	259.2	308.7	356.8
-67.5°	0.0	10.9	21.8	39.8	69.1	98.3	136.9	178.6	219.9	264.7	308.7
-70°	0.0	9.7	19.5	30.3	56.6	82.6	109.5	146.8	183.6	219.9	259.2
-72.5°	0.0	8.6	17.1	25.6	43.8	66.7	89.4	114.5	146.8	178.6	209.9
-75°	0.0	7.4	14.7	22.1	30.9	50.6	70.1	89.4	109.5	136.9	163.8
-77.5°	0.0	6.2	12.3	18.5	24.6	34.2	50.6	66.7	82.6	98.3	117.2
-80°	0.0	4.9	9.9	14.8	19.7	24.6	30.9	43.8	56.6	69.1	81.5
-82.5°	0.0	3.7	7.4	11.1	14.8	18.5	22.1	25.6	30.3	39.8	49.0
-85°	0.0	2.5	5.0	7.4	9.9	12.3	14.7	17.1	19.5	21.8	24.1
-87.5°	0.0	1.2	2.5	3.7	4.9	6.2	7.4	8.6	9.7	10.9	12.0
-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: P645420 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-730-U-LAM-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°	13.2	14.2	15.3	16.3	17.3	18.3	19.3	20.1	21.0	21.8	22.6
85°	26.3	28.5	34.2	39.8	45.3	50.6	55.6	60.5	65.2	69.7	73.9
82.5°	58.1	67.0	75.7	84.1	92.3	100.2	108.7	119.4	129.6	139.4	148.6
80°	93.6	105.4	122.0	138.3	154.2	169.6	184.5	198.7	212.4	226.1	239.7
77.5°	139.2	160.8	181.8	202.3	222.4	243.6	264.0	283.7	302.5	320.4	337.5
75°	190.2	216.0	243.4	270.4	296.7	322.1	346.4	369.0	390.6	411.2	430.8
72.5°	242.8	275.9	308.2	339.7	369.1	397.4	424.8	451.1	478.3	505.7	531.7
70°	297.7	335.5	371.1	405.4	438.8	472.5	508.0	542.2	575.0	609.6	648.8
67.5°	351.5	392.0	431.6	471.4	514.0	555.3	595.3	645.7	694.3	740.9	788.5
65°	402.5	447.4	495.3	543.9	591.3	650.1	708.6	765.0	831.4	897.1	959.7
62.5°	452.7	507.4	562.0	621.5	689.9	756.4	833.4	912.0	987.7	1072.9	1155.9
60°	507.4	568.1	637.5	713.9	792.6	884.4	973.3	1071.8	1171.2	1267.1	1384.9
57.5°	562.0	637.5	722.0	813.1	915.2	1018.2	1133.9	1245.9	1380.2	1514.5	1648.0
55°	621.5	713.9	813.1	925.5	1043.1	1171.5	1305.7	1462.1	1613.5	1782.2	1943.7
52.5°	689.9	792.6	915.2	1043.1	1184.0	1338.5	1511.7	1690.8	1879.3	2062.5	2242.1
50°	756.4	884.4	1018.2	1171.5	1338.5	1528.2	1729.6	1938.2	2144.1	2344.9	2533.0
47.5°	833.4	973.3	1133.9	1305.7	1511.7	1729.6	1957.9	2185.2	2407.2	2613.3	2810.6
45°	912.0	1071.8	1245.9	1462.1	1690.8	1938.2	2185.2	2428.1	2653.7	2866.6	3052.9
42.5°	987.7	1171.2	1380.2	1613.5	1879.3	2144.1	2407.2	2653.7	2884.9	3090.0	3277.1
40°	1072.9	1267.1	1514.5	1782.2	2062.5	2344.9	2613.3	2866.6	3090.0	3294.1	3483.6
37.5°	1155.9	1384.9	1648.0	1943.7	2242.1	2533.0	2810.6	3052.9	3277.1	3483.6	3665.3
35°	1234.7	1496.9	1789.8	2100.2	2413.5	2709.3	2979.5	3226.2	3448.9	3649.3	3835.1
32.5°	1322.3	1602.7	1924.1	2250.6	2569.7	2870.9	3138.8	3380.1	3601.5	3804.9	3989.5
30°	1412.7	1716.9	2051.5	2392.3	2716.4	3011.1	3278.5	3522.8	3742.4	3943.4	4124.2
27.5°	1496.9	1824.5	2173.0	2520.4	2850.4	3142.5	3406.3	3646.8	3867.7	4070.0	4245.3
25°	1574.6	1924.1	2285.5	2637.8	2963.2	3256.0	3522.1	3762.5	3982.1	4176.3	4346.7
22.5°	1651.4	2015.2	2388.6	2745.4	3066.9	3357.4	3621.2	3862.1	4081.9	4274.3	4437.8
20°	1726.0	2100.2	2479.6	2840.9	3161.0	3449.6	3711.3	3951.8	4165.7	4352.0	4514.8
17.5°	1792.4	2175.9	2559.2	2918.0	3238.3	3528.3	3791.1	4032.4	4241.2	4422.1	4581.3
15°	1850.4	2242.1	2628.8	2985.5	3304.9	3593.7	3856.5	4095.2	4302.5	4482.0	4639.9
12.5°	1899.8	2298.5	2688.2	3043.2	3361.7	3649.6	3912.5	4147.9	4351.7	4528.9	4683.5
10°	1940.4	2344.9	2737.1	3090.7	3408.6	3695.9	3958.8	4191.5	4392.5	4567.8	4719.7
7.5°	1972.2	2381.2	2775.3	3127.9	3445.3	3732.1	3995.2	4225.8	4424.7	4598.5	4748.3
5°	1994.9	2407.2	2802.8	3154.6	3471.7	3758.1	4021.3	4250.5	4447.8	4620.7	4768.9
2.5°	2008.6	2422.9	2819.3	3170.6	3487.6	3773.8	4037.0	4265.3	4461.7	4634.0	4781.4
0°	2013.2	2428.1	2824.8	3176.0	3492.9	3779.0	4042.3	4270.3	4466.4	4638.5	4785.6
-2.5°	2008.6	2422.9	2819.3	3170.6	3487.6	3773.8	4037.0	4265.3	4461.7	4634.0	4781.4
-5°	1994.9	2407.2	2802.8	3154.6	3471.7	3758.1	4021.3	4250.5	4447.8	4620.7	4768.9
-7.5°	1972.2	2381.2	2775.3	3127.9	3445.3	3732.1	3995.2	4225.8	4424.7	4598.5	4748.3
-10°	1940.4	2344.9	2737.1	3090.7	3408.6	3695.9	3958.8	4191.5	4392.5	4567.8	4719.7
-12.5°	1899.8	2298.5	2688.2	3043.2	3361.7	3649.6	3912.5	4147.9	4351.7	4528.9	4683.5
-15°	1850.4	2242.1	2628.8	2985.5	3304.9	3593.7	3856.5	4095.2	4302.5	4482.0	4639.9
-17.5°	1792.4	2175.9	2559.2	2918.0	3238.3	3528.3	3791.1	4032.4	4241.2	4422.1	4581.3
-20°	1726.0	2100.2	2479.6	2840.9	3161.0	3449.6	3711.3	3951.8	4165.7	4352.0	4514.8



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 CATALOG NUMBER: GFLD-SA3C-730-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°	1651.4	2015.2	2388.6	2745.4	3066.9	3357.4	3621.2	3862.1	4081.9	4274.3	4437.8
-25°	1574.6	1924.1	2285.5	2637.8	2963.2	3256.0	3522.1	3762.5	3982.1	4176.3	4346.7
-27.5°	1496.9	1824.5	2173.0	2520.4	2850.4	3142.5	3406.3	3646.8	3867.7	4070.0	4245.3
-30°	1412.7	1716.9	2051.5	2392.3	2716.4	3011.1	3278.5	3522.8	3742.4	3943.4	4124.2
-32.5°	1322.3	1602.7	1924.1	2250.6	2569.7	2870.9	3138.8	3380.1	3601.5	3804.9	3989.5
-35°	1234.7	1496.9	1789.8	2100.2	2413.5	2709.3	2979.5	3226.2	3448.9	3649.3	3835.1
-37.5°	1155.9	1384.9	1648.0	1943.7	2242.1	2533.0	2810.6	3052.9	3277.1	3483.6	3665.3
-40°	1072.9	1267.1	1514.5	1782.2	2062.5	2344.9	2613.3	2866.6	3090.0	3294.1	3483.6
-42.5°	987.7	1171.2	1380.2	1613.5	1879.3	2144.1	2407.2	2653.7	2884.9	3090.0	3277.1
-45°	912.0	1071.8	1245.9	1462.1	1690.8	1938.2	2185.2	2428.1	2653.7	2866.6	3052.9
-47.5°	833.4	973.3	1133.9	1305.7	1511.7	1729.6	1957.9	2185.2	2407.2	2613.3	2810.6
-50°	756.4	884.4	1018.2	1171.5	1338.5	1528.2	1729.6	1938.2	2144.1	2344.9	2533.0
-52.5°	689.9	792.6	915.2	1043.1	1184.0	1338.5	1511.7	1690.8	1879.3	2062.5	2242.1
-55°	621.5	713.9	813.1	925.5	1043.1	1171.5	1305.7	1462.1	1613.5	1782.2	1943.7
-57.5°	562.0	637.5	722.0	813.1	915.2	1018.2	1133.9	1245.9	1380.2	1514.5	1648.0
-60°	507.4	568.1	637.5	713.9	792.6	884.4	973.3	1071.8	1171.2	1267.1	1384.9
-62.5°	452.7	507.4	562.0	621.5	689.9	756.4	833.4	912.0	987.7	1072.9	1155.9
-65°	402.5	447.4	495.3	543.9	591.3	650.1	708.6	765.0	831.4	897.1	959.7
-67.5°	351.5	392.0	431.6	471.4	514.0	555.3	595.3	645.7	694.3	740.9	788.5
-70°	297.7	335.5	371.1	405.4	438.8	472.5	508.0	542.2	575.0	609.6	648.8
-72.5°	242.8	275.9	308.2	339.7	369.1	397.4	424.8	451.1	478.3	505.7	531.7
-75°	190.2	216.0	243.4	270.4	296.7	322.1	346.4	369.0	390.6	411.2	430.8
-77.5°	139.2	160.8	181.8	202.3	222.4	243.6	264.0	283.7	302.5	320.4	337.5
-80°	93.6	105.4	122.0	138.3	154.2	169.6	184.5	198.7	212.4	226.1	239.7
-82.5°	58.1	67.0	75.7	84.1	92.3	100.2	108.7	119.4	129.6	139.4	148.6
-85°	26.3	28.5	34.2	39.8	45.3	50.6	55.6	60.5	65.2	69.7	73.9
-87.5°	13.2	14.2	15.3	16.3	17.3	18.3	19.3	20.1	21.0	21.8	22.6
-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: P645420 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-730-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°	23.3	24.0	24.7	25.3	25.8	26.3	26.8	27.2	27.5	27.8	28.1
85°	77.9	81.7	85.2	88.4	91.4	94.2	96.6	98.8	100.7	102.3	103.6
82.5°	157.4	165.6	173.3	180.4	187.0	193.0	198.4	203.1	207.3	210.8	213.7
80°	252.6	264.7	276.0	286.5	296.1	304.9	312.9	319.9	326.0	331.2	335.5
77.5°	353.2	367.7	381.2	393.8	405.4	415.9	425.4	433.8	441.2	447.4	452.5
75°	449.4	467.5	486.0	503.2	519.1	533.5	546.5	558.0	568.1	576.6	583.7
72.5°	556.4	579.6	602.9	629.4	653.8	676.1	696.1	713.9	729.5	742.7	753.5
70°	686.0	721.0	753.8	787.2	822.7	855.1	884.4	910.3	932.9	952.2	968.0
67.5°	841.6	891.7	938.6	982.3	1027.7	1071.8	1111.6	1146.9	1177.8	1204.0	1225.6
65°	1023.6	1090.7	1153.7	1212.3	1267.1	1331.1	1388.8	1440.2	1485.0	1523.2	1554.6
62.5°	1234.7	1322.3	1412.7	1496.9	1574.6	1651.4	1726.0	1792.4	1850.4	1899.8	1940.4
60°	1496.9	1602.7	1716.9	1824.5	1924.1	2015.2	2100.2	2175.9	2242.1	2298.5	2344.9
57.5°	1789.8	1924.1	2051.5	2173.0	2285.5	2388.6	2479.6	2559.2	2628.8	2688.2	2737.1
55°	2100.2	2250.6	2392.3	2520.4	2637.8	2745.4	2840.9	2918.0	2985.5	3043.2	3090.7
52.5°	2413.5	2569.7	2716.4	2850.4	2963.2	3066.9	3161.0	3238.3	3304.9	3361.7	3408.6
50°	2709.3	2870.9	3011.1	3142.5	3256.0	3357.4	3449.6	3528.3	3593.7	3649.6	3695.9
47.5°	2979.5	3138.8	3278.5	3406.3	3522.1	3621.2	3711.3	3791.1	3856.5	3912.5	3958.8
45°	3226.2	3380.1	3522.8	3646.8	3762.5	3862.1	3951.8	4032.4	4095.2	4147.9	4191.5
42.5°	3448.9	3601.5	3742.4	3867.7	3982.1	4081.9	4165.7	4241.2	4302.5	4351.7	4392.5
40°	3649.3	3804.9	3943.4	4070.0	4176.3	4274.3	4352.0	4422.1	4482.0	4528.9	4567.8
37.5°	3835.1	3989.5	4124.2	4245.3	4346.7	4437.8	4514.8	4581.3	4639.9	4683.5	4719.7
35°	4004.9	4151.6	4284.9	4395.9	4496.5	4582.2	4658.0	4719.4	4773.9	4815.4	4848.4
32.5°	4151.6	4297.1	4420.9	4530.1	4628.3	4708.3	4781.0	4837.2	4886.7	4926.6	4957.3
30°	4284.9	4420.9	4541.5	4649.7	4739.1	4817.1	4882.5	4937.4	4983.1	5021.2	5048.2
27.5°	4395.9	4530.1	4649.7	4749.5	4835.1	4910.1	4970.0	5022.9	5062.8	5097.8	5121.1
25°	4496.5	4628.3	4739.1	4835.1	4918.1	4986.7	5043.7	5091.6	5127.0	5157.0	5174.2
22.5°	4582.2	4708.3	4817.1	4910.1	4986.7	5050.7	5104.5	5145.0	5173.9	5192.0	5202.3
20°	4658.0	4781.0	4882.5	4970.0	5043.7	5104.5	5151.1	5181.0	5201.2	5206.2	5209.2
17.5°	4719.4	4837.2	4937.4	5022.9	5091.6	5145.0	5181.0	5202.1	5208.2	5207.2	5204.2
15°	4773.9	4886.7	4983.1	5062.8	5127.0	5173.9	5201.2	5208.2	5206.5	5200.4	5191.0
12.5°	4815.4	4926.6	5021.2	5097.8	5157.0	5192.0	5206.2	5207.2	5200.4	5188.7	5175.4
10°	4848.4	4957.3	5048.2	5121.1	5174.2	5202.3	5209.2	5204.2	5191.0	5175.4	5160.6
7.5°	4874.5	4981.6	5069.7	5139.6	5185.5	5205.4	5207.0	5197.6	5181.7	5164.0	5148.0
5°	4893.4	4999.3	5085.3	5153.1	5193.8	5207.8	5205.3	5192.3	5174.0	5155.5	5140.8
2.5°	4904.9	5010.0	5094.8	5161.3	5198.8	5209.2	5204.3	5189.1	5169.2	5150.0	5136.1
0°	4908.7	5013.6	5098.0	5164.1	5200.5	5209.7	5204.0	5188.0	5167.5	5148.1	5134.4
-2.5°	4904.9	5010.0	5094.8	5161.3	5198.8	5209.2	5204.3	5189.1	5169.2	5150.0	5136.1
-5°	4893.4	4999.3	5085.3	5153.1	5193.8	5207.8	5205.3	5192.3	5174.0	5155.5	5140.8
-7.5°	4874.5	4981.6	5069.7	5139.6	5185.5	5205.4	5207.0	5197.6	5181.7	5164.0	5148.0
-10°	4848.4	4957.3	5048.2	5121.1	5174.2	5202.3	5209.2	5204.2	5191.0	5175.4	5160.6
-12.5°	4815.4	4926.6	5021.2	5097.8	5157.0	5192.0	5206.2	5207.2	5200.4	5188.7	5175.4
-15°	4773.9	4886.7	4983.1	5062.8	5127.0	5173.9	5201.2	5208.2	5206.5	5200.4	5191.0
-17.5°	4719.4	4837.2	4937.4	5022.9	5091.6	5145.0	5181.0	5202.1	5208.2	5207.2	5204.2
-20°	4658.0	4781.0	4882.5	4970.0	5043.7	5104.5	5151.1	5181.0	5201.2	5206.2	5209.2



REPORT NUMBER: P645420 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4582.2	4708.3	4817.1	4910.1	4986.7	5050.7	5104.5	5145.0	5173.9	5192.0	5202.3
-25°	4496.5	4628.3	4739.1	4835.1	4918.1	4986.7	5043.7	5091.6	5127.0	5157.0	5174.2
-27.5°	4395.9	4530.1	4649.7	4749.5	4835.1	4910.1	4970.0	5022.9	5062.8	5097.8	5121.1
-30°	4284.9	4420.9	4541.5	4649.7	4739.1	4817.1	4882.5	4937.4	4983.1	5021.2	5048.2
-32.5°	4151.6	4297.1	4420.9	4530.1	4628.3	4708.3	4781.0	4837.2	4886.7	4926.6	4957.3
-35°	4004.9	4151.6	4284.9	4395.9	4496.5	4582.2	4658.0	4719.4	4773.9	4815.4	4848.4
-37.5°	3835.1	3989.5	4124.2	4245.3	4346.7	4437.8	4514.8	4581.3	4639.9	4683.5	4719.7
-40°	3649.3	3804.9	3943.4	4070.0	4176.3	4274.3	4352.0	4422.1	4482.0	4528.9	4567.8
-42.5°	3448.9	3601.5	3742.4	3867.7	3982.1	4081.9	4165.7	4241.2	4302.5	4351.7	4392.5
-45°	3226.2	3380.1	3522.8	3646.8	3762.5	3862.1	3951.8	4032.4	4095.2	4147.9	4191.5
-47.5°	2979.5	3138.8	3278.5	3406.3	3522.1	3621.2	3711.3	3791.1	3856.5	3912.5	3958.8
-50°	2709.3	2870.9	3011.1	3142.5	3256.0	3357.4	3449.6	3528.3	3593.7	3649.6	3695.9
-52.5°	2413.5	2569.7	2716.4	2850.4	2963.2	3066.9	3161.0	3238.3	3304.9	3361.7	3408.6
-55°	2100.2	2250.6	2392.3	2520.4	2637.8	2745.4	2840.9	2918.0	2985.5	3043.2	3090.7
-57.5°	1789.8	1924.1	2051.5	2173.0	2285.5	2388.6	2479.6	2559.2	2628.8	2688.2	2737.1
-60°	1496.9	1602.7	1716.9	1824.5	1924.1	2015.2	2100.2	2175.9	2242.1	2298.5	2344.9
-62.5°	1234.7	1322.3	1412.7	1496.9	1574.6	1651.4	1726.0	1792.4	1850.4	1899.8	1940.4
-65°	1023.6	1090.7	1153.7	1212.3	1267.1	1331.1	1388.8	1440.2	1485.0	1523.2	1554.6
-67.5°	841.6	891.7	938.6	982.3	1027.7	1071.8	1111.6	1146.9	1177.8	1204.0	1225.6
-70°	686.0	721.0	753.8	787.2	822.7	855.1	884.4	910.3	932.9	952.2	968.0
-72.5°	556.4	579.6	602.9	629.4	653.8	676.1	696.1	713.9	729.5	742.7	753.5
-75°	449.4	467.5	486.0	503.2	519.1	533.5	546.5	558.0	568.1	576.6	583.7
-77.5°	353.2	367.7	381.2	393.8	405.4	415.9	425.4	433.8	441.2	447.4	452.5
-80°	252.6	264.7	276.0	286.5	296.1	304.9	312.9	319.9	326.0	331.2	335.5
-82.5°	157.4	165.6	173.3	180.4	187.0	193.0	198.4	203.1	207.3	210.8	213.7
-85°	77.9	81.7	85.2	88.4	91.4	94.2	96.6	98.8	100.7	102.3	103.6
-87.5°	23.3	24.0	24.7	25.3	25.8	26.3	26.8	27.2	27.5	27.8	28.1
-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: P645420 (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°	28.3	28.4	28.5	28.5	28.5	28.4	28.3	28.1	27.8	27.5	27.2
85°	104.7	105.4	105.9	106.0	105.9	105.4	104.7	103.6	102.3	100.7	98.8
82.5°	216.0	217.6	218.6	218.9	218.6	217.6	216.0	213.7	210.8	207.3	203.1
80°	338.8	341.2	342.6	343.1	342.6	341.2	338.8	335.5	331.2	326.0	319.9
77.5°	456.5	459.4	461.1	461.7	461.1	459.4	456.5	452.5	447.4	441.2	433.8
75°	589.1	593.1	595.4	596.2	595.4	593.1	589.1	583.7	576.6	568.1	558.0
72.5°	762.0	768.0	771.7	772.9	771.7	768.0	762.0	753.5	742.7	729.5	713.9
70°	980.4	989.2	994.5	996.3	994.5	989.2	980.4	968.0	952.2	932.9	910.3
67.5°	1242.5	1254.5	1261.8	1264.2	1261.8	1254.5	1242.5	1225.6	1204.0	1177.8	1146.9
65°	1579.1	1596.7	1607.3	1610.8	1607.3	1596.7	1579.1	1554.6	1523.2	1485.0	1440.2
62.5°	1972.2	1994.9	2008.6	2013.2	2008.6	1994.9	1972.2	1940.4	1899.8	1850.4	1792.4
60°	2381.2	2407.2	2422.9	2428.1	2422.9	2407.2	2381.2	2344.9	2298.5	2242.1	2175.9
57.5°	2775.3	2802.8	2819.3	2824.8	2819.3	2802.8	2775.3	2737.1	2688.2	2628.8	2559.2
55°	3127.9	3154.6	3170.6	3176.0	3170.6	3154.6	3127.9	3090.7	3043.2	2985.5	2918.0
52.5°	3445.3	3471.7	3487.6	3492.9	3487.6	3471.7	3445.3	3408.6	3361.7	3304.9	3238.3
50°	3732.1	3758.1	3773.8	3779.0	3773.8	3758.1	3732.1	3695.9	3649.6	3593.7	3528.3
47.5°	3995.2	4021.3	4037.0	4042.3	4037.0	4021.3	3995.2	3958.8	3912.5	3856.5	3791.1
45°	4225.8	4250.5	4265.3	4270.3	4265.3	4250.5	4225.8	4191.5	4147.9	4095.2	4032.4
42.5°	4424.7	4447.8	4461.7	4466.4	4461.7	4447.8	4424.7	4392.5	4351.7	4302.5	4241.2
40°	4598.5	4620.7	4634.0	4638.5	4634.0	4620.7	4598.5	4567.8	4528.9	4482.0	4422.1
37.5°	4748.3	4768.9	4781.4	4785.6	4781.4	4768.9	4748.3	4719.7	4683.5	4639.9	4581.3
35°	4874.5	4893.4	4904.9	4908.7	4904.9	4893.4	4874.5	4848.4	4815.4	4773.9	4719.4
32.5°	4981.6	4999.3	5010.0	5013.6	5010.0	4999.3	4981.6	4957.3	4926.6	4886.7	4837.2
30°	5069.7	5085.3	5094.8	5098.0	5094.8	5085.3	5069.7	5048.2	5021.2	4983.1	4937.4
27.5°	5139.6	5153.1	5161.3	5164.1	5161.3	5153.1	5139.6	5121.1	5097.8	5062.8	5022.9
25°	5185.5	5193.8	5198.8	5200.5	5198.8	5193.8	5185.5	5174.2	5157.0	5127.0	5091.6
22.5°	5205.4	5207.8	5209.2	5209.7	5209.2	5207.8	5205.4	5202.3	5192.0	5173.9	5145.0
20°	5207.0	5205.3	5204.3	5204.0	5204.3	5205.3	5207.0	5209.2	5206.2	5201.2	5181.0
17.5°	5197.6	5192.3	5189.1	5188.0	5189.1	5192.3	5197.6	5204.2	5207.2	5208.2	5202.1
15°	5181.7	5174.0	5169.2	5167.5	5169.2	5174.0	5181.7	5191.0	5200.4	5206.5	5208.2
12.5°	5164.0	5155.5	5150.0	5148.1	5150.0	5155.5	5164.0	5175.4	5188.7	5200.4	5207.2
10°	5148.0	5140.8	5136.1	5134.4	5136.1	5140.8	5148.0	5160.6	5175.4	5191.0	5204.2
7.5°	5137.6	5131.3	5127.8	5126.5	5127.8	5131.3	5137.6	5148.0	5164.0	5181.7	5197.6
5°	5131.3	5124.9	5119.5	5117.3	5119.5	5124.9	5131.3	5140.8	5155.5	5174.0	5192.3
2.5°	5127.8	5119.5	5111.3	5107.1	5111.3	5119.5	5127.8	5136.1	5150.0	5169.2	5189.1
0°	5126.5	5117.3	5107.1	5108.2	5107.1	5117.3	5126.5	5134.4	5148.1	5167.5	5188.0
-2.5°	5127.8	5119.5	5111.3	5107.1	5111.3	5119.5	5127.8	5136.1	5150.0	5169.2	5189.1
-5°	5131.3	5124.9	5119.5	5117.3	5119.5	5124.9	5131.3	5140.8	5155.5	5174.0	5192.3
-7.5°	5137.6	5131.3	5127.8	5126.5	5127.8	5131.3	5137.6	5148.0	5164.0	5181.7	5197.6
-10°	5148.0	5140.8	5136.1	5134.4	5136.1	5140.8	5148.0	5160.6	5175.4	5191.0	5204.2
-12.5°	5164.0	5155.5	5150.0	5148.1	5150.0	5155.5	5164.0	5175.4	5188.7	5200.4	5207.2
-15°	5181.7	5174.0	5169.2	5167.5	5169.2	5174.0	5181.7	5191.0	5200.4	5206.5	5208.2
-17.5°	5197.6	5192.3	5189.1	5188.0	5189.1	5192.3	5197.6	5204.2	5207.2	5208.2	5202.1
-20°	5207.0	5205.3	5204.3	5204.0	5204.3	5205.3	5207.0	5209.2	5206.2	5201.2	5181.0



REPORT NUMBER: P645420 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-730-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°	5205.4	5207.8	5209.2	5209.7	5209.2	5207.8	5205.4	5202.3	5192.0	5173.9	5145.0
-25°	5185.5	5193.8	5198.8	5200.5	5198.8	5193.8	5185.5	5174.2	5157.0	5127.0	5091.6
-27.5°	5139.6	5153.1	5161.3	5164.1	5161.3	5153.1	5139.6	5121.1	5097.8	5062.8	5022.9
-30°	5069.7	5085.3	5094.8	5098.0	5094.8	5085.3	5069.7	5048.2	5021.2	4983.1	4937.4
-32.5°	4981.6	4999.3	5010.0	5013.6	5010.0	4999.3	4981.6	4957.3	4926.6	4886.7	4837.2
-35°	4874.5	4893.4	4904.9	4908.7	4904.9	4893.4	4874.5	4848.4	4815.4	4773.9	4719.4
-37.5°	4748.3	4768.9	4781.4	4785.6	4781.4	4768.9	4748.3	4719.7	4683.5	4639.9	4581.3
-40°	4598.5	4620.7	4634.0	4638.5	4634.0	4620.7	4598.5	4567.8	4528.9	4482.0	4422.1
-42.5°	4424.7	4447.8	4461.7	4466.4	4461.7	4447.8	4424.7	4392.5	4351.7	4302.5	4241.2
-45°	4225.8	4250.5	4265.3	4270.3	4265.3	4250.5	4225.8	4191.5	4147.9	4095.2	4032.4
-47.5°	3995.2	4021.3	4037.0	4042.3	4037.0	4021.3	3995.2	3958.8	3912.5	3856.5	3791.1
-50°	3732.1	3758.1	3773.8	3779.0	3773.8	3758.1	3732.1	3695.9	3649.6	3593.7	3528.3
-52.5°	3445.3	3471.7	3487.6	3492.9	3487.6	3471.7	3445.3	3408.6	3361.7	3304.9	3238.3
-55°	3127.9	3154.6	3170.6	3176.0	3170.6	3154.6	3127.9	3090.7	3043.2	2985.5	2918.0
-57.5°	2775.3	2802.8	2819.3	2824.8	2819.3	2802.8	2775.3	2737.1	2688.2	2628.8	2559.2
-60°	2381.2	2407.2	2422.9	2428.1	2422.9	2407.2	2381.2	2344.9	2298.5	2242.1	2175.9
-62.5°	1972.2	1994.9	2008.6	2013.2	2008.6	1994.9	1972.2	1940.4	1899.8	1850.4	1792.4
-65°	1579.1	1596.7	1607.3	1610.8	1607.3	1596.7	1579.1	1554.6	1523.2	1485.0	1440.2
-67.5°	1242.5	1254.5	1261.8	1264.2	1261.8	1254.5	1242.5	1225.6	1204.0	1177.8	1146.9
-70°	980.4	989.2	994.5	996.3	994.5	989.2	980.4	968.0	952.2	932.9	910.3
-72.5°	762.0	768.0	771.7	772.9	771.7	768.0	762.0	753.5	742.7	729.5	713.9
-75°	589.1	593.1	595.4	596.2	595.4	593.1	589.1	583.7	576.6	568.1	558.0
-77.5°	456.5	459.4	461.1	461.7	461.1	459.4	456.5	452.5	447.4	441.2	433.8
-80°	338.8	341.2	342.6	343.1	342.6	341.2	338.8	335.5	331.2	326.0	319.9
-82.5°	216.0	217.6	218.6	218.9	218.6	217.6	216.0	213.7	210.8	207.3	203.1
-85°	104.7	105.4	105.9	106.0	105.9	105.4	104.7	103.6	102.3	100.7	98.8
-87.5°	28.3	28.4	28.5	28.5	28.5	28.4	28.3	28.1	27.8	27.5	27.2
-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: P645420 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-730-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°	26.8	26.3	25.8	25.3	24.7	24.0	23.3	22.6	21.8	21.0	20.1
85°	96.6	94.2	91.4	88.4	85.2	81.7	77.9	73.9	69.7	65.2	60.5
82.5°	198.4	193.0	187.0	180.4	173.3	165.6	157.4	148.6	139.4	129.6	119.4
80°	312.9	304.9	296.1	286.5	276.0	264.7	252.6	239.7	226.1	212.4	198.7
77.5°	425.4	415.9	405.4	393.8	381.2	367.7	353.2	337.5	320.4	302.5	283.7
75°	546.5	533.5	519.1	503.2	486.0	467.5	449.4	430.8	411.2	390.6	369.0
72.5°	696.1	676.1	653.8	629.4	602.9	579.6	556.4	531.7	505.7	478.3	451.1
70°	884.4	855.1	822.7	787.2	753.8	721.0	686.0	648.8	609.6	575.0	542.2
67.5°	1111.6	1071.8	1027.7	982.3	938.6	891.7	841.6	788.5	740.9	694.3	645.7
65°	1388.8	1331.1	1267.1	1212.3	1153.7	1090.7	1023.6	959.7	897.1	831.4	765.0
62.5°	1726.0	1651.4	1574.6	1496.9	1412.7	1322.3	1234.7	1155.9	1072.9	987.7	912.0
60°	2100.2	2015.2	1924.1	1824.5	1716.9	1602.7	1496.9	1384.9	1267.1	1171.2	1071.8
57.5°	2479.6	2388.6	2285.5	2173.0	2051.5	1924.1	1789.8	1648.0	1514.5	1380.2	1245.9
55°	2840.9	2745.4	2637.8	2520.4	2392.3	2250.6	2100.2	1943.7	1782.2	1613.5	1462.1
52.5°	3161.0	3066.9	2963.2	2850.4	2716.4	2569.7	2413.5	2242.1	2062.5	1879.3	1690.8
50°	3449.6	3357.4	3256.0	3142.5	3011.1	2870.9	2709.3	2533.0	2344.9	2144.1	1938.2
47.5°	3711.3	3621.2	3522.1	3406.3	3278.5	3138.8	2979.5	2810.6	2613.3	2407.2	2185.2
45°	3951.8	3862.1	3762.5	3646.8	3522.8	3380.1	3226.2	3052.9	2866.6	2653.7	2428.1
42.5°	4165.7	4081.9	3982.1	3867.7	3742.4	3601.5	3448.9	3277.1	3090.0	2884.9	2653.7
40°	4352.0	4274.3	4176.3	4070.0	3943.4	3804.9	3649.3	3483.6	3294.1	3090.0	2866.6
37.5°	4514.8	4437.8	4346.7	4245.3	4124.2	3989.5	3835.1	3665.3	3483.6	3277.1	3052.9
35°	4658.0	4582.2	4496.5	4395.9	4284.9	4151.6	4004.9	3835.1	3649.3	3448.9	3226.2
32.5°	4781.0	4708.3	4628.3	4530.1	4420.9	4297.1	4151.6	3989.5	3804.9	3601.5	3380.1
30°	4882.5	4817.1	4739.1	4649.7	4541.5	4420.9	4284.9	4124.2	3943.4	3742.4	3522.8
27.5°	4970.0	4910.1	4835.1	4749.5	4649.7	4530.1	4395.9	4245.3	4070.0	3867.7	3646.8
25°	5043.7	4986.7	4918.1	4835.1	4739.1	4628.3	4496.5	4346.7	4176.3	3982.1	3762.5
22.5°	5104.5	5050.7	4986.7	4910.1	4817.1	4708.3	4582.2	4437.8	4274.3	4081.9	3862.1
20°	5151.1	5104.5	5043.7	4970.0	4882.5	4781.0	4658.0	4514.8	4352.0	4165.7	3951.8
17.5°	5181.0	5145.0	5091.6	5022.9	4937.4	4837.2	4719.4	4581.3	4422.1	4241.2	4032.4
15°	5201.2	5173.9	5127.0	5062.8	4983.1	4886.7	4773.9	4639.9	4482.0	4302.5	4095.2
12.5°	5206.2	5192.0	5157.0	5097.8	5021.2	4926.6	4815.4	4683.5	4528.9	4351.7	4147.9
10°	5209.2	5202.3	5174.2	5121.1	5048.2	4957.3	4848.4	4719.7	4567.8	4392.5	4191.5
7.5°	5207.0	5205.4	5185.5	5139.6	5069.7	4981.6	4874.5	4748.3	4598.5	4424.7	4225.8
5°	5205.3	5207.8	5193.8	5153.1	5085.3	4999.3	4893.4	4768.9	4620.7	4447.8	4250.5
2.5°	5204.3	5209.2	5198.8	5161.3	5094.8	5010.0	4904.9	4781.4	4634.0	4461.7	4265.3
0°	5204.0	5209.7	5200.5	5164.1	5098.0	5013.6	4908.7	4785.6	4638.5	4466.4	4270.3
-2.5°	5204.3	5209.2	5198.8	5161.3	5094.8	5010.0	4904.9	4781.4	4634.0	4461.7	4265.3
-5°	5205.3	5207.8	5193.8	5153.1	5085.3	4999.3	4893.4	4768.9	4620.7	4447.8	4250.5
-7.5°	5207.0	5205.4	5185.5	5139.6	5069.7	4981.6	4874.5	4748.3	4598.5	4424.7	4225.8
-10°	5209.2	5202.3	5174.2	5121.1	5048.2	4957.3	4848.4	4719.7	4567.8	4392.5	4191.5
-12.5°	5206.2	5192.0	5157.0	5097.8	5021.2	4926.6	4815.4	4683.5	4528.9	4351.7	4147.9
-15°	5201.2	5173.9	5127.0	5062.8	4983.1	4886.7	4773.9	4639.9	4482.0	4302.5	4095.2
-17.5°	5181.0	5145.0	5091.6	5022.9	4937.4	4837.2	4719.4	4581.3	4422.1	4241.2	4032.4
-20°	5151.1	5104.5	5043.7	4970.0	4882.5	4781.0	4658.0	4514.8	4352.0	4165.7	3951.8

Classified

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

Scaled Data Report



REPORT NUMBER: P645420 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3C-730-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5104.5	5050.7	4986.7	4910.1	4817.1	4708.3	4582.2	4437.8	4274.3	4081.9	3862.1
-25°	5043.7	4986.7	4918.1	4835.1	4739.1	4628.3	4496.5	4346.7	4176.3	3982.1	3762.5
-27.5°	4970.0	4910.1	4835.1	4749.5	4649.7	4530.1	4395.9	4245.3	4070.0	3867.7	3646.8
-30°	4882.5	4817.1	4739.1	4649.7	4541.5	4420.9	4284.9	4124.2	3943.4	3742.4	3522.8
-32.5°	4781.0	4708.3	4628.3	4530.1	4420.9	4297.1	4151.6	3989.5	3804.9	3601.5	3380.1
-35°	4658.0	4582.2	4496.5	4395.9	4284.9	4151.6	4004.9	3835.1	3649.3	3448.9	3226.2
-37.5°	4514.8	4437.8	4346.7	4245.3	4124.2	3989.5	3835.1	3665.3	3483.6	3277.1	3052.9
-40°	4352.0	4274.3	4176.3	4070.0	3943.4	3804.9	3649.3	3483.6	3294.1	3090.0	2866.6
-42.5°	4165.7	4081.9	3982.1	3867.7	3742.4	3601.5	3448.9	3277.1	3090.0	2884.9	2653.7
-45°	3951.8	3862.1	3762.5	3646.8	3522.8	3380.1	3226.2	3052.9	2866.6	2653.7	2428.1
-47.5°	3711.3	3621.2	3522.1	3406.3	3278.5	3138.8	2979.5	2810.6	2613.3	2407.2	2185.2
-50°	3449.6	3357.4	3256.0	3142.5	3011.1	2870.9	2709.3	2533.0	2344.9	2144.1	1938.2
-52.5°	3161.0	3066.9	2963.2	2850.4	2716.4	2569.7	2413.5	2242.1	2062.5	1879.3	1690.8
-55°	2840.9	2745.4	2637.8	2520.4	2392.3	2250.6	2100.2	1943.7	1782.2	1613.5	1462.1
-57.5°	2479.6	2388.6	2285.5	2173.0	2051.5	1924.1	1789.8	1648.0	1514.5	1380.2	1245.9
-60°	2100.2	2015.2	1924.1	1824.5	1716.9	1602.7	1496.9	1384.9	1267.1	1171.2	1071.8
-62.5°	1726.0	1651.4	1574.6	1496.9	1412.7	1322.3	1234.7	1155.9	1072.9	987.7	912.0
-65°	1388.8	1331.1	1267.1	1212.3	1153.7	1090.7	1023.6	959.7	897.1	831.4	765.0
-67.5°	1111.6	1071.8	1027.7	982.3	938.6	891.7	841.6	788.5	740.9	694.3	645.7
-70°	884.4	855.1	822.7	787.2	753.8	721.0	686.0	648.8	609.6	575.0	542.2
-72.5°	696.1	676.1	653.8	629.4	602.9	579.6	556.4	531.7	505.7	478.3	451.1
-75°	546.5	533.5	519.1	503.2	486.0	467.5	449.4	430.8	411.2	390.6	369.0
-77.5°	425.4	415.9	405.4	393.8	381.2	367.7	353.2	337.5	320.4	302.5	283.7
-80°	312.9	304.9	296.1	286.5	276.0	264.7	252.6	239.7	226.1	212.4	198.7
-82.5°	198.4	193.0	187.0	180.4	173.3	165.6	157.4	148.6	139.4	129.6	119.4
-85°	96.6	94.2	91.4	88.4	85.2	81.7	77.9	73.9	69.7	65.2	60.5
-87.5°	26.8	26.3	25.8	25.3	24.7	24.0	23.3	22.6	21.8	21.0	20.1
-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: P645420 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-730-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°	19.3	18.3	17.3	16.3	15.3	14.2	13.2	12.0	10.9	9.7	8.6
85°	55.6	50.6	45.3	39.8	34.2	28.5	26.3	24.1	21.8	19.5	17.1
82.5°	108.7	100.2	92.3	84.1	75.7	67.0	58.1	49.0	39.8	30.3	25.6
80°	184.5	169.6	154.2	138.3	122.0	105.4	93.6	81.5	69.1	56.6	43.8
77.5°	264.0	243.6	222.4	202.3	181.8	160.8	139.2	117.2	98.3	82.6	66.7
75°	346.4	322.1	296.7	270.4	243.4	216.0	190.2	163.8	136.9	109.5	89.4
72.5°	424.8	397.4	369.1	339.7	308.2	275.9	242.8	209.9	178.6	146.8	114.5
70°	508.0	472.5	438.8	405.4	371.1	335.5	297.7	259.2	219.9	183.6	146.8
67.5°	595.3	555.3	514.0	471.4	431.6	392.0	351.5	308.7	264.7	219.9	178.6
65°	708.6	650.1	591.3	543.9	495.3	447.4	402.5	356.8	308.7	259.2	209.9
62.5°	833.4	756.4	689.9	621.5	562.0	507.4	452.7	402.5	351.5	297.7	242.8
60°	973.3	884.4	792.6	713.9	637.5	568.1	507.4	447.4	392.0	335.5	275.9
57.5°	1133.9	1018.2	915.2	813.1	722.0	637.5	562.0	495.3	431.6	371.1	308.2
55°	1305.7	1171.5	1043.1	925.5	813.1	713.9	621.5	543.9	471.4	405.4	339.7
52.5°	1511.7	1338.5	1184.0	1043.1	915.2	792.6	689.9	591.3	514.0	438.8	369.1
50°	1729.6	1528.2	1338.5	1171.5	1018.2	884.4	756.4	650.1	555.3	472.5	397.4
47.5°	1957.9	1729.6	1511.7	1305.7	1133.9	973.3	833.4	708.6	595.3	508.0	424.8
45°	2185.2	1938.2	1690.8	1462.1	1245.9	1071.8	912.0	765.0	645.7	542.2	451.1
42.5°	2407.2	2144.1	1879.3	1613.5	1380.2	1171.2	987.7	831.4	694.3	575.0	478.3
40°	2613.3	2344.9	2062.5	1782.2	1514.5	1267.1	1072.9	897.1	740.9	609.6	505.7
37.5°	2810.6	2533.0	2242.1	1943.7	1648.0	1384.9	1155.9	959.7	788.5	648.8	531.7
35°	2979.5	2709.3	2413.5	2100.2	1789.8	1496.9	1234.7	1023.6	841.6	686.0	556.4
32.5°	3138.8	2870.9	2569.7	2250.6	1924.1	1602.7	1322.3	1090.7	891.7	721.0	579.6
30°	3278.5	3011.1	2716.4	2392.3	2051.5	1716.9	1412.7	1153.7	938.6	753.8	602.9
27.5°	3406.3	3142.5	2850.4	2520.4	2173.0	1824.5	1496.9	1212.3	982.3	787.2	629.4
25°	3522.1	3256.0	2963.2	2637.8	2285.5	1924.1	1574.6	1267.1	1027.7	822.7	653.8
22.5°	3621.2	3357.4	3066.9	2745.4	2388.6	2015.2	1651.4	1331.1	1071.8	855.1	676.1
20°	3711.3	3449.6	3161.0	2840.9	2479.6	2100.2	1726.0	1388.8	1111.6	884.4	696.1
17.5°	3791.1	3528.3	3238.3	2918.0	2559.2	2175.9	1792.4	1440.2	1146.9	910.3	713.9
15°	3856.5	3593.7	3304.9	2985.5	2628.8	2242.1	1850.4	1485.0	1177.8	932.9	729.5
12.5°	3912.5	3649.6	3361.7	3043.2	2688.2	2298.5	1899.8	1523.2	1204.0	952.2	742.7
10°	3958.8	3695.9	3408.6	3090.7	2737.1	2344.9	1940.4	1554.6	1225.6	968.0	753.5
7.5°	3995.2	3732.1	3445.3	3127.9	2775.3	2381.2	1972.2	1579.1	1242.5	980.4	762.0
5°	4021.3	3758.1	3471.7	3154.6	2802.8	2407.2	1994.9	1596.7	1254.5	989.2	768.0
2.5°	4037.0	3773.8	3487.6	3170.6	2819.3	2422.9	2008.6	1607.3	1261.8	994.5	771.7
0°	4042.3	3779.0	3492.9	3176.0	2824.8	2428.1	2013.2	1610.8	1264.2	996.3	772.9
-2.5°	4037.0	3773.8	3487.6	3170.6	2819.3	2422.9	2008.6	1607.3	1261.8	994.5	771.7
-5°	4021.3	3758.1	3471.7	3154.6	2802.8	2407.2	1994.9	1596.7	1254.5	989.2	768.0
-7.5°	3995.2	3732.1	3445.3	3127.9	2775.3	2381.2	1972.2	1579.1	1242.5	980.4	762.0
-10°	3958.8	3695.9	3408.6	3090.7	2737.1	2344.9	1940.4	1554.6	1225.6	968.0	753.5
-12.5°	3912.5	3649.6	3361.7	3043.2	2688.2	2298.5	1899.8	1523.2	1204.0	952.2	742.7
-15°	3856.5	3593.7	3304.9	2985.5	2628.8	2242.1	1850.4	1485.0	1177.8	932.9	729.5
-17.5°	3791.1	3528.3	3238.3	2918.0	2559.2	2175.9	1792.4	1440.2	1146.9	910.3	713.9
-20°	3711.3	3449.6	3161.0	2840.9	2479.6	2100.2	1726.0	1388.8	1111.6	884.4	696.1

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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°	3621.2	3357.4	3066.9	2745.4	2388.6	2015.2	1651.4	1331.1	1071.8	855.1	676.1
-25°	3522.1	3256.0	2963.2	2637.8	2285.5	1924.1	1574.6	1267.1	1027.7	822.7	653.8
-27.5°	3406.3	3142.5	2850.4	2520.4	2173.0	1824.5	1496.9	1212.3	982.3	787.2	629.4
-30°	3278.5	3011.1	2716.4	2392.3	2051.5	1716.9	1412.7	1153.7	938.6	753.8	602.9
-32.5°	3138.8	2870.9	2569.7	2250.6	1924.1	1602.7	1322.3	1090.7	891.7	721.0	579.6
-35°	2979.5	2709.3	2413.5	2100.2	1789.8	1496.9	1234.7	1023.6	841.6	686.0	556.4
-37.5°	2810.6	2533.0	2242.1	1943.7	1648.0	1384.9	1155.9	959.7	788.5	648.8	531.7
-40°	2613.3	2344.9	2062.5	1782.2	1514.5	1267.1	1072.9	897.1	740.9	609.6	505.7
-42.5°	2407.2	2144.1	1879.3	1613.5	1380.2	1171.2	987.7	831.4	694.3	575.0	478.3
-45°	2185.2	1938.2	1690.8	1462.1	1245.9	1071.8	912.0	765.0	645.7	542.2	451.1
-47.5°	1957.9	1729.6	1511.7	1305.7	1133.9	973.3	833.4	708.6	595.3	508.0	424.8
-50°	1729.6	1528.2	1338.5	1171.5	1018.2	884.4	756.4	650.1	555.3	472.5	397.4
-52.5°	1511.7	1338.5	1184.0	1043.1	915.2	792.6	689.9	591.3	514.0	438.8	369.1
-55°	1305.7	1171.5	1043.1	925.5	813.1	713.9	621.5	543.9	471.4	405.4	339.7
-57.5°	1133.9	1018.2	915.2	813.1	722.0	637.5	562.0	495.3	431.6	371.1	308.2
-60°	973.3	884.4	792.6	713.9	637.5	568.1	507.4	447.4	392.0	335.5	275.9
-62.5°	833.4	756.4	689.9	621.5	562.0	507.4	452.7	402.5	351.5	297.7	242.8
-65°	708.6	650.1	591.3	543.9	495.3	447.4	402.5	356.8	308.7	259.2	209.9
-67.5°	595.3	555.3	514.0	471.4	431.6	392.0	351.5	308.7	264.7	219.9	178.6
-70°	508.0	472.5	438.8	405.4	371.1	335.5	297.7	259.2	219.9	183.6	146.8
-72.5°	424.8	397.4	369.1	339.7	308.2	275.9	242.8	209.9	178.6	146.8	114.5
-75°	346.4	322.1	296.7	270.4	243.4	216.0	190.2	163.8	136.9	109.5	89.4
-77.5°	264.0	243.6	222.4	202.3	181.8	160.8	139.2	117.2	98.3	82.6	66.7
-80°	184.5	169.6	154.2	138.3	122.0	105.4	93.6	81.5	69.1	56.6	43.8
-82.5°	108.7	100.2	92.3	84.1	75.7	67.0	58.1	49.0	39.8	30.3	25.6
-85°	55.6	50.6	45.3	39.8	34.2	28.5	26.3	24.1	21.8	19.5	17.1
-87.5°	19.3	18.3	17.3	16.3	15.3	14.2	13.2	12.0	10.9	9.7	8.6
-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°	7.4	6.2	4.9	3.7	2.5	1.2	0.0
85°	14.7	12.3	9.9	7.4	5.0	2.5	0.0
82.5°	22.1	18.5	14.8	11.1	7.4	3.7	0.0
80°	30.9	24.6	19.7	14.8	9.9	4.9	0.0
77.5°	50.6	34.2	24.6	18.5	12.3	6.2	0.0
75°	70.1	50.6	30.9	22.1	14.7	7.4	0.0
72.5°	89.4	66.7	43.8	25.6	17.1	8.6	0.0
70°	109.5	82.6	56.6	30.3	19.5	9.7	0.0
67.5°	136.9	98.3	69.1	39.8	21.8	10.9	0.0
65°	163.8	117.2	81.5	49.0	24.1	12.0	0.0
62.5°	190.2	139.2	93.6	58.1	26.3	13.2	0.0
60°	216.0	160.8	105.4	67.0	28.5	14.2	0.0
57.5°	243.4	181.8	122.0	75.7	34.2	15.3	0.0
55°	270.4	202.3	138.3	84.1	39.8	16.3	0.0
52.5°	296.7	222.4	154.2	92.3	45.3	17.3	0.0
50°	322.1	243.6	169.6	100.2	50.6	18.3	0.0
47.5°	346.4	264.0	184.5	108.7	55.6	19.3	0.0
45°	369.0	283.7	198.7	119.4	60.5	20.1	0.0
42.5°	390.6	302.5	212.4	129.6	65.2	21.0	0.0
40°	411.2	320.4	226.1	139.4	69.7	21.8	0.0
37.5°	430.8	337.5	239.7	148.6	73.9	22.6	0.0
35°	449.4	353.2	252.6	157.4	77.9	23.3	0.0
32.5°	467.5	367.7	264.7	165.6	81.7	24.0	0.0
30°	486.0	381.2	276.0	173.3	85.2	24.7	0.0
27.5°	503.2	393.8	286.5	180.4	88.4	25.3	0.0
25°	519.1	405.4	296.1	187.0	91.4	25.8	0.0
22.5°	533.5	415.9	304.9	193.0	94.2	26.3	0.0
20°	546.5	425.4	312.9	198.4	96.6	26.8	0.0
17.5°	558.0	433.8	319.9	203.1	98.8	27.2	0.0
15°	568.1	441.2	326.0	207.3	100.7	27.5	0.0
12.5°	576.6	447.4	331.2	210.8	102.3	27.8	0.0
10°	583.7	452.5	335.5	213.7	103.6	28.1	0.0
7.5°	589.1	456.5	338.8	216.0	104.7	28.3	0.0
5°	593.1	459.4	341.2	217.6	105.4	28.4	0.0
2.5°	595.4	461.1	342.6	218.6	105.9	28.5	0.0
0°	596.2	461.7	343.1	218.9	106.0	28.5	0.0
-2.5°	595.4	461.1	342.6	218.6	105.9	28.5	0.0
-5°	593.1	459.4	341.2	217.6	105.4	28.4	0.0
-7.5°	589.1	456.5	338.8	216.0	104.7	28.3	0.0
-10°	583.7	452.5	335.5	213.7	103.6	28.1	0.0
-12.5°	576.6	447.4	331.2	210.8	102.3	27.8	0.0
-15°	568.1	441.2	326.0	207.3	100.7	27.5	0.0
-17.5°	558.0	433.8	319.9	203.1	98.8	27.2	0.0
-20°	546.5	425.4	312.9	198.4	96.6	26.8	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	533.5	415.9	304.9	193.0	94.2	26.3	0.0
-25°	519.1	405.4	296.1	187.0	91.4	25.8	0.0
-27.5°	503.2	393.8	286.5	180.4	88.4	25.3	0.0
-30°	486.0	381.2	276.0	173.3	85.2	24.7	0.0
-32.5°	467.5	367.7	264.7	165.6	81.7	24.0	0.0
-35°	449.4	353.2	252.6	157.4	77.9	23.3	0.0
-37.5°	430.8	337.5	239.7	148.6	73.9	22.6	0.0
-40°	411.2	320.4	226.1	139.4	69.7	21.8	0.0
-42.5°	390.6	302.5	212.4	129.6	65.2	21.0	0.0
-45°	369.0	283.7	198.7	119.4	60.5	20.1	0.0
-47.5°	346.4	264.0	184.5	108.7	55.6	19.3	0.0
-50°	322.1	243.6	169.6	100.2	50.6	18.3	0.0
-52.5°	296.7	222.4	154.2	92.3	45.3	17.3	0.0
-55°	270.4	202.3	138.3	84.1	39.8	16.3	0.0
-57.5°	243.4	181.8	122.0	75.7	34.2	15.3	0.0
-60°	216.0	160.8	105.4	67.0	28.5	14.2	0.0
-62.5°	190.2	139.2	93.6	58.1	26.3	13.2	0.0
-65°	163.8	117.2	81.5	49.0	24.1	12.0	0.0
-67.5°	136.9	98.3	69.1	39.8	21.8	10.9	0.0
-70°	109.5	82.6	56.6	30.3	19.5	9.7	0.0
-72.5°	89.4	66.7	43.8	25.6	17.1	8.6	0.0
-75°	70.1	50.6	30.9	22.1	14.7	7.4	0.0
-77.5°	50.6	34.2	24.6	18.5	12.3	6.2	0.0
-80°	30.9	24.6	19.7	14.8	9.9	4.9	0.0
-82.5°	22.1	18.5	14.8	11.1	7.4	3.7	0.0
-85°	14.7	12.3	9.9	7.4	5.0	2.5	0.0
-87.5°	7.4	6.2	4.9	3.7	2.5	1.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)