

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: P645434 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA3D-735-U-LAM-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645434 (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-SA3D-735-U-LAM-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, LAMBERTIAN
Light Source: (48) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

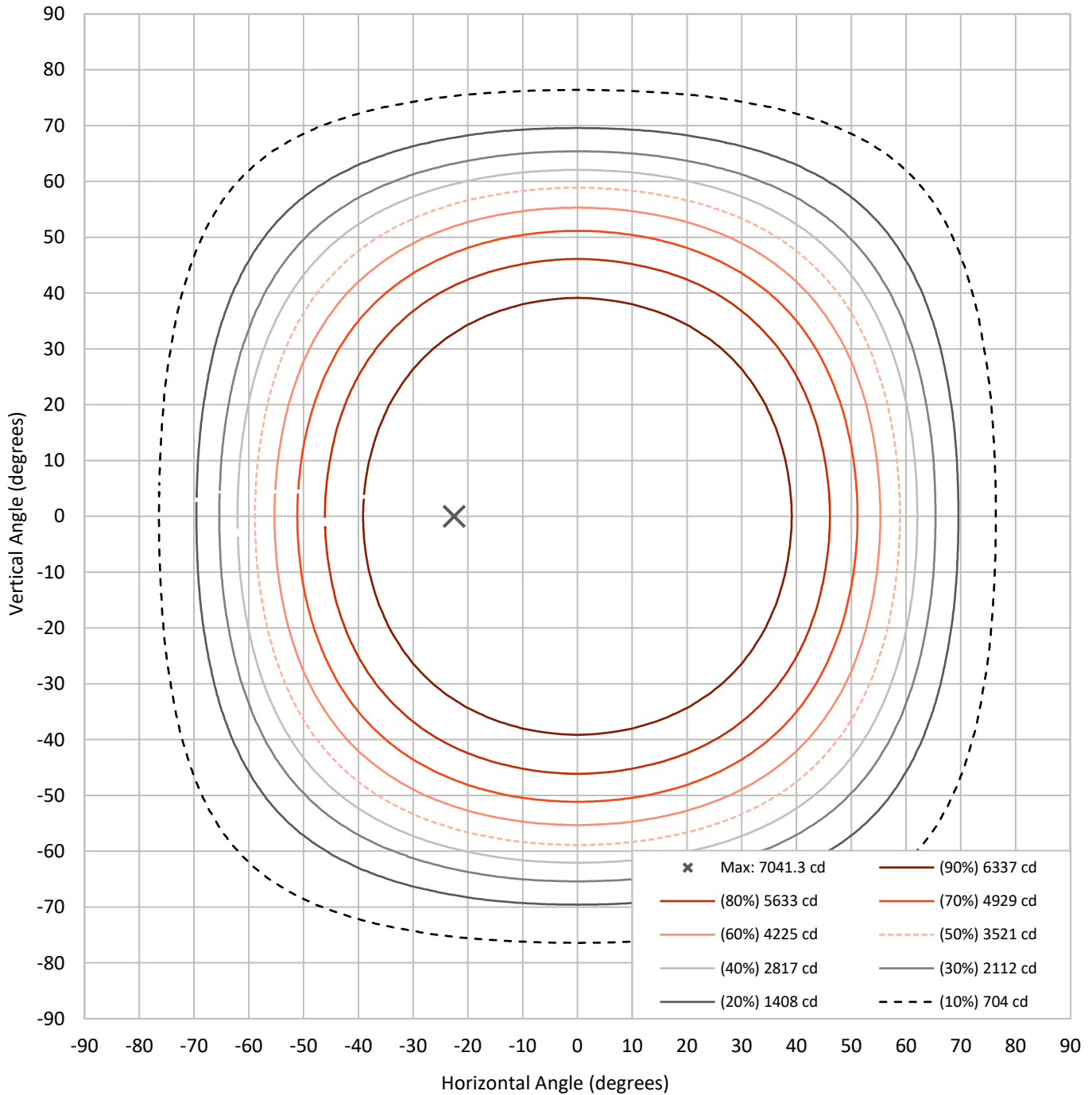
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	21539.7 lumens	Max Intensity:	7041.3 candela
Efficiency:	N/A	Max Intensity Angle:	-22.5°H x 0°V
Efficacy:	134.5 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:	17925.8 lumens	Field Lumens:	21116.1 lumens
Beam Efficiency:	83.2%	Field Efficiency:	98.0%
Input Watts (W):	160.2		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





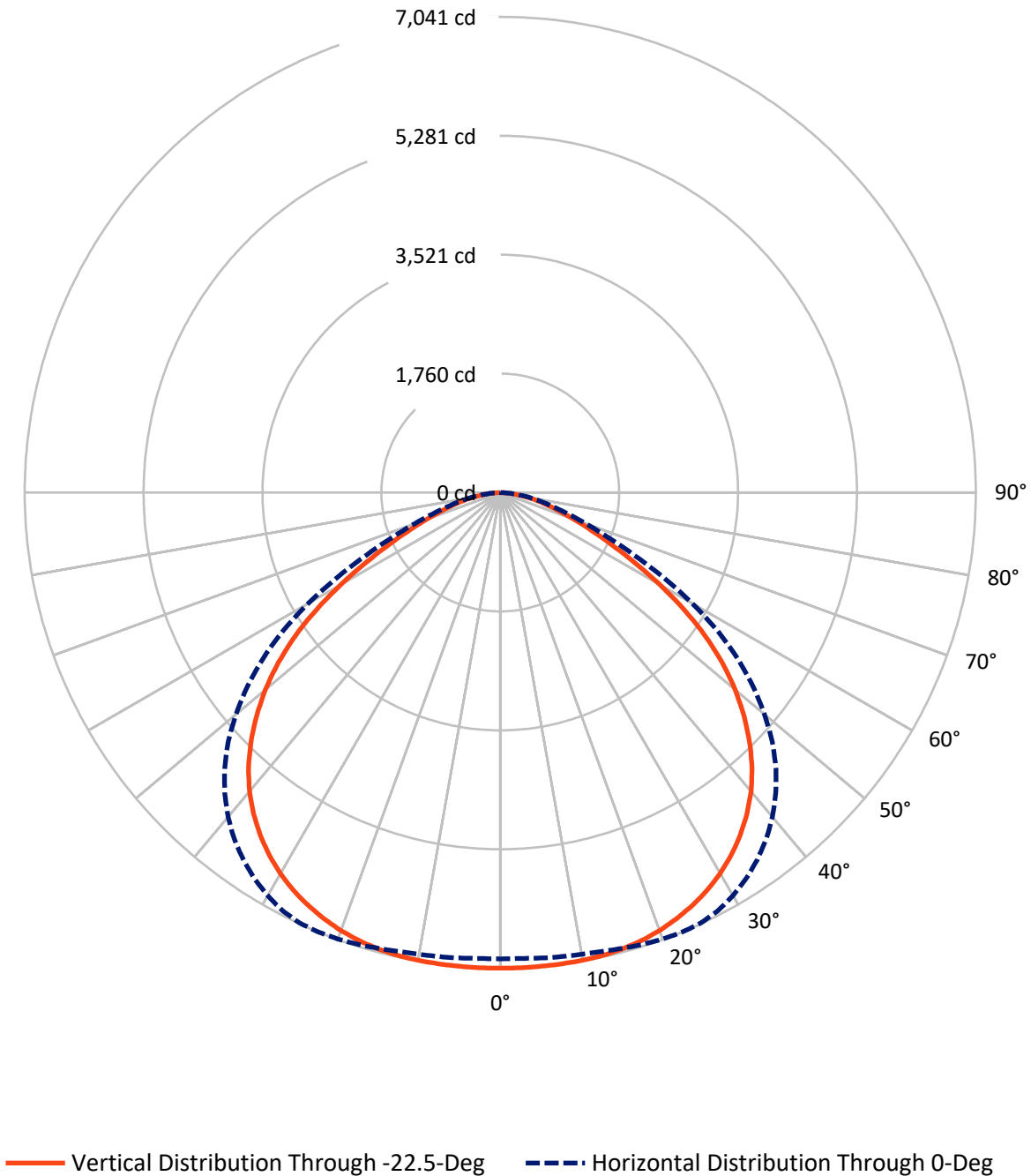
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Lumen Table

90																				
80	1.1	11.2	31.6	52.5	61.5	52.5	31.6	11.2	1.1											
70																				
60	5.3	6.3	13.1	22.9	35.4	48.9	60.4	66.8	66.8	60.4	48.9	35.4	22.9	13.1	6.3				5.3	
50																				
40	10.1	9.7	22.3	43.3	70.8	97.4	117.3	127.8	127.8	117.3	97.4	70.8	43.3	22.3	9.7				10.1	
30																				
20	13.8	13.9	35.3	70.4	107.9	139.3	161.5	172.9	172.9	161.5	139.3	107.9	70.4	35.3	13.9				13.8	
10																				
0	15.2	18.6	50.0	93.3	134.1	166.8	188.7	199.6	199.6	188.7	166.8	134.1	93.3	50.0	18.6				15.2	
-10																				
-20	13.8	23.3	62.2	109.0	150.8	182.6	202.9	211.9	211.9	202.9	182.6	150.8	109.0	62.2	23.3				13.8	
-30																				
-40	10.1	27.1	70.2	118.5	160.2	190.4	206.5	212.0	212.0	206.5	190.4	160.2	118.5	70.2	27.1				10.1	
-50																				
-60	5.3	29.1	74.2	123.0	164.3	192.8	205.6	210.0	210.0	205.6	192.8	164.3	123.0	74.2	29.1				5.3	
-70																				
-80	1.1	29.1	74.2	123.0	164.3	192.8	205.6	210.0	210.0	205.6	192.8	164.3	123.0	74.2	29.1				1.1	
-90																				
		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
		Horizontal Angle (degrees)																		

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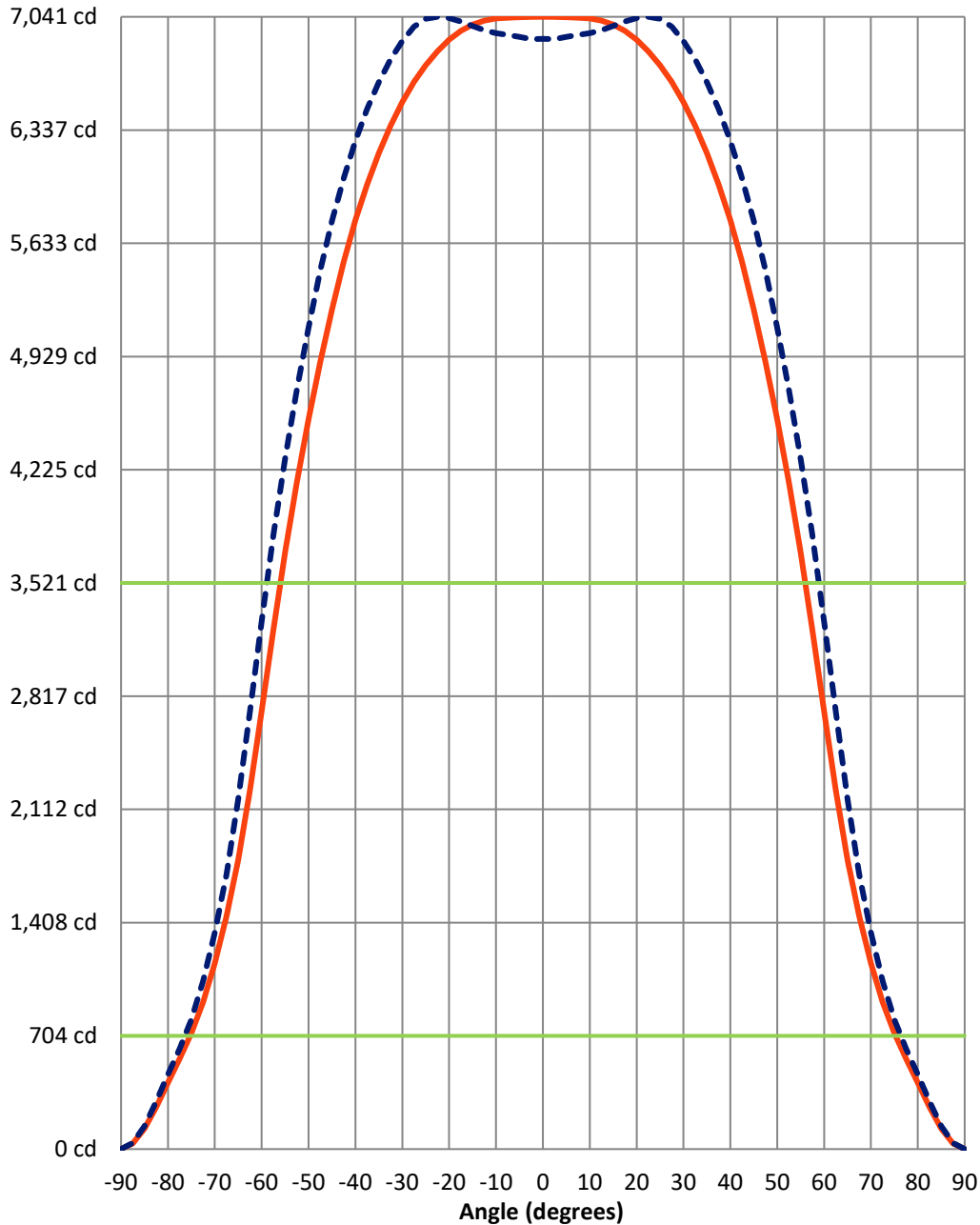
Luminous Intensity Polar Plot





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Luminous Intensity Plot



Beam:
 H Angle: 117.8°
 V Angle: 112°
 Lumens: 17925.8
 Efficiency: 83.2%

Field:
 H Angle: 152.8°
 V Angle: 150.5°
 Lumens: 21116.1
 Efficiency: 98.0%

Spill:
 Lumens: 423.6
 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	1.7	3.4	5.0	6.7	8.3	10.0	11.6	13.2	14.7	16.3
85°	0.0	3.4	6.7	10.0	13.4	16.6	19.9	23.1	26.3	29.4	32.5
82.5°	0.0	5.0	10.0	15.0	20.0	24.9	29.8	34.6	41.0	53.7	66.3
80°	0.0	6.7	13.4	20.0	26.6	33.2	41.7	59.2	76.4	93.4	110.1
77.5°	0.0	8.3	16.6	24.9	33.2	46.3	68.3	90.1	111.7	132.9	158.4
75°	0.0	10.0	19.9	29.8	41.7	68.3	94.7	120.8	148.1	185.0	221.4
72.5°	0.0	11.6	23.1	34.6	59.2	90.1	120.8	154.8	198.4	241.4	283.7
70°	0.0	13.2	26.3	41.0	76.4	111.7	148.1	198.4	248.1	297.2	350.3
67.5°	0.0	14.7	29.4	53.7	93.4	132.9	185.0	241.4	297.2	357.7	417.2
65°	0.0	16.3	32.5	66.3	110.1	158.4	221.4	283.7	350.3	417.2	482.3
62.5°	0.0	17.8	35.5	78.5	126.5	188.2	257.0	328.1	402.4	475.2	544.1
60°	0.0	19.2	38.5	90.6	142.5	217.3	291.9	372.9	453.5	529.9	604.7
57.5°	0.0	20.7	46.2	102.3	164.9	245.7	329.0	416.6	501.6	583.3	669.4
55°	0.0	22.1	53.8	113.7	187.0	273.3	365.5	459.2	548.0	637.1	735.1
52.5°	0.0	23.4	61.2	124.7	208.5	300.6	401.0	498.9	593.1	694.7	799.1
50°	0.0	24.7	68.3	135.5	229.2	329.2	435.3	537.2	638.5	750.5	878.7
47.5°	0.0	26.0	75.2	146.9	249.3	356.8	468.3	574.1	686.5	804.6	957.7
45°	0.0	27.2	81.8	161.3	268.5	383.4	498.7	609.7	732.7	872.7	1033.9
42.5°	0.0	28.4	88.1	175.2	287.0	408.8	527.9	646.5	777.1	938.4	1123.7
40°	0.0	29.5	94.2	188.4	305.5	433.1	555.8	683.5	823.8	1001.3	1212.5
37.5°	0.0	30.5	99.9	200.9	323.9	456.2	582.3	718.7	876.9	1065.6	1297.1
35°	0.0	31.5	105.3	212.7	341.3	477.4	607.4	752.0	927.1	1137.5	1383.4
32.5°	0.0	32.5	110.4	223.8	357.7	497.0	631.9	783.4	974.4	1205.2	1474.2
30°	0.0	33.3	115.2	234.2	373.0	515.3	656.9	814.9	1018.8	1268.6	1559.4
27.5°	0.0	34.1	119.6	243.9	387.2	532.3	680.1	850.7	1064.0	1327.6	1638.6
25°	0.0	34.9	123.6	252.7	400.3	547.9	701.5	883.6	1112.0	1389.1	1712.6
22.5°	0.0	35.6	127.3	260.8	412.2	562.2	721.0	913.7	1155.8	1448.7	1799.1
20°	0.0	36.2	130.6	268.1	422.9	575.0	738.6	940.8	1195.3	1502.4	1877.1
17.5°	0.0	36.7	133.6	274.5	432.4	586.4	754.2	964.9	1230.4	1550.2	1946.6
15°	0.0	37.2	136.1	280.1	440.7	596.3	767.8	985.9	1261.0	1591.9	2007.2
12.5°	0.0	37.6	138.3	284.9	447.7	604.7	779.4	1003.7	1287.0	1627.4	2058.7
10°	0.0	37.9	140.1	288.8	453.5	611.6	788.8	1018.4	1308.4	1656.5	2101.2
7.5°	0.0	38.2	141.5	291.9	458.0	617.0	796.3	1029.8	1325.1	1679.3	2134.3
5°	0.0	38.4	142.5	294.0	461.2	620.9	801.6	1038.0	1337.0	1695.6	2158.1
2.5°	0.0	38.5	143.1	295.4	463.2	623.2	804.7	1043.0	1344.2	1705.4	2172.3
0°	0.0	38.5	143.3	295.8	463.8	624.0	805.8	1044.6	1346.6	1708.7	2177.1
-2.5°	0.0	38.5	143.1	295.4	463.2	623.2	804.7	1043.0	1344.2	1705.4	2172.3
-5°	0.0	38.4	142.5	294.0	461.2	620.9	801.6	1038.0	1337.0	1695.6	2158.1
-7.5°	0.0	38.2	141.5	291.9	458.0	617.0	796.3	1029.8	1325.1	1679.3	2134.3
-10°	0.0	37.9	140.1	288.8	453.5	611.6	788.8	1018.4	1308.4	1656.5	2101.2
-12.5°	0.0	37.6	138.3	284.9	447.7	604.7	779.4	1003.7	1287.0	1627.4	2058.7
-15°	0.0	37.2	136.1	280.1	440.7	596.3	767.8	985.9	1261.0	1591.9	2007.2
-17.5°	0.0	36.7	133.6	274.5	432.4	586.4	754.2	964.9	1230.4	1550.2	1946.6
-20°	0.0	36.2	130.6	268.1	422.9	575.0	738.6	940.8	1195.3	1502.4	1877.1

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Scaled Data Report



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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	35.6	127.3	260.8	412.2	562.2	721.0	913.7	1155.8	1448.7	1799.1
-25°	0.0	34.9	123.6	252.7	400.3	547.9	701.5	883.6	1112.0	1389.1	1712.6
-27.5°	0.0	34.1	119.6	243.9	387.2	532.3	680.1	850.7	1064.0	1327.6	1638.6
-30°	0.0	33.3	115.2	234.2	373.0	515.3	656.9	814.9	1018.8	1268.6	1559.4
-32.5°	0.0	32.5	110.4	223.8	357.7	497.0	631.9	783.4	974.4	1205.2	1474.2
-35°	0.0	31.5	105.3	212.7	341.3	477.4	607.4	752.0	927.1	1137.5	1383.4
-37.5°	0.0	30.5	99.9	200.9	323.9	456.2	582.3	718.7	876.9	1065.6	1297.1
-40°	0.0	29.5	94.2	188.4	305.5	433.1	555.8	683.5	823.8	1001.3	1212.5
-42.5°	0.0	28.4	88.1	175.2	287.0	408.8	527.9	646.5	777.1	938.4	1123.7
-45°	0.0	27.2	81.8	161.3	268.5	383.4	498.7	609.7	732.7	872.7	1033.9
-47.5°	0.0	26.0	75.2	146.9	249.3	356.8	468.3	574.1	686.5	804.6	957.7
-50°	0.0	24.7	68.3	135.5	229.2	329.2	435.3	537.2	638.5	750.5	878.7
-52.5°	0.0	23.4	61.2	124.7	208.5	300.6	401.0	498.9	593.1	694.7	799.1
-55°	0.0	22.1	53.8	113.7	187.0	273.3	365.5	459.2	548.0	637.1	735.1
-57.5°	0.0	20.7	46.2	102.3	164.9	245.7	329.0	416.6	501.6	583.3	669.4
-60°	0.0	19.2	38.5	90.6	142.5	217.3	291.9	372.9	453.5	529.9	604.7
-62.5°	0.0	17.8	35.5	78.5	126.5	188.2	257.0	328.1	402.4	475.2	544.1
-65°	0.0	16.3	32.5	66.3	110.1	158.4	221.4	283.7	350.3	417.2	482.3
-67.5°	0.0	14.7	29.4	53.7	93.4	132.9	185.0	241.4	297.2	357.7	417.2
-70°	0.0	13.2	26.3	41.0	76.4	111.7	148.1	198.4	248.1	297.2	350.3
-72.5°	0.0	11.6	23.1	34.6	59.2	90.1	120.8	154.8	198.4	241.4	283.7
-75°	0.0	10.0	19.9	29.8	41.7	68.3	94.7	120.8	148.1	185.0	221.4
-77.5°	0.0	8.3	16.6	24.9	33.2	46.3	68.3	90.1	111.7	132.9	158.4
-80°	0.0	6.7	13.4	20.0	26.6	33.2	41.7	59.2	76.4	93.4	110.1
-82.5°	0.0	5.0	10.0	15.0	20.0	24.9	29.8	34.6	41.0	53.7	66.3
-85°	0.0	3.4	6.7	10.0	13.4	16.6	19.9	23.1	26.3	29.4	32.5
-87.5°	0.0	1.7	3.4	5.0	6.7	8.3	10.0	11.6	13.2	14.7	16.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-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°	17.8	19.2	20.7	22.1	23.4	24.7	26.0	27.2	28.4	29.5	30.5
85°	35.5	38.5	46.2	53.8	61.2	68.3	75.2	81.8	88.1	94.2	99.9
82.5°	78.5	90.6	102.3	113.7	124.7	135.5	146.9	161.3	175.2	188.4	200.9
80°	126.5	142.5	164.9	187.0	208.5	229.2	249.3	268.5	287.0	305.5	323.9
77.5°	188.2	217.3	245.7	273.3	300.6	329.2	356.8	383.4	408.8	433.1	456.2
75°	257.0	291.9	329.0	365.5	401.0	435.3	468.3	498.7	527.9	555.8	582.3
72.5°	328.1	372.9	416.6	459.2	498.9	537.2	574.1	609.7	646.5	683.5	718.7
70°	402.4	453.5	501.6	548.0	593.1	638.5	686.5	732.7	777.1	823.8	876.9
67.5°	475.2	529.9	583.3	637.1	694.7	750.5	804.6	872.7	938.4	1001.3	1065.6
65°	544.1	604.7	669.4	735.1	799.1	878.7	957.7	1033.9	1123.7	1212.5	1297.1
62.5°	611.9	685.7	759.6	840.0	932.4	1022.2	1126.4	1232.7	1334.9	1450.2	1562.3
60°	685.7	767.8	861.6	964.9	1071.3	1195.3	1315.5	1448.7	1582.9	1712.6	1871.8
57.5°	759.6	861.6	975.8	1098.9	1236.9	1376.2	1532.6	1684.0	1865.5	2046.9	2227.4
55°	840.0	964.9	1098.9	1250.9	1409.8	1583.4	1764.8	1976.1	2180.8	2408.7	2627.0
52.5°	932.4	1071.3	1236.9	1409.8	1600.4	1809.1	2043.1	2285.2	2540.1	2787.6	3030.4
50°	1022.2	1195.3	1376.2	1583.4	1809.1	2065.5	2337.7	2619.6	2897.9	3169.3	3423.6
47.5°	1126.4	1315.5	1532.6	1764.8	2043.1	2337.7	2646.3	2953.4	3253.6	3532.1	3798.8
45°	1232.7	1448.7	1684.0	1976.1	2285.2	2619.6	2953.4	3281.8	3586.7	3874.5	4126.3
42.5°	1334.9	1582.9	1865.5	2180.8	2540.1	2897.9	3253.6	3586.7	3899.2	4176.3	4429.2
40°	1450.2	1712.6	2046.9	2408.7	2787.6	3169.3	3532.1	3874.5	4176.3	4452.3	4708.3
37.5°	1562.3	1871.8	2227.4	2627.0	3030.4	3423.6	3798.8	4126.3	4429.2	4708.3	4953.9
35°	1668.8	2023.1	2419.1	2838.6	3262.0	3661.9	4027.1	4360.5	4661.4	4932.3	5183.4
32.5°	1787.3	2166.2	2600.5	3041.9	3473.2	3880.3	4242.4	4568.5	4867.6	5142.7	5392.1
30°	1909.4	2320.5	2772.7	3233.3	3671.4	4069.7	4431.1	4761.3	5058.1	5329.9	5574.3
27.5°	2023.1	2466.0	2937.0	3406.6	3852.6	4247.3	4603.8	4928.9	5227.5	5501.0	5737.9
25°	2128.2	2600.5	3089.1	3565.2	4005.1	4400.7	4760.4	5085.3	5382.2	5644.7	5874.9
22.5°	2231.9	2723.8	3228.4	3710.7	4145.2	4537.8	4894.3	5220.0	5517.1	5777.1	5998.0
20°	2332.7	2838.6	3351.4	3839.8	4272.3	4662.4	5016.1	5341.3	5630.4	5882.1	6102.1
17.5°	2422.5	2940.9	3458.9	3944.0	4376.9	4768.8	5124.0	5450.2	5732.3	5976.9	6192.0
15°	2500.9	3030.4	3553.0	4035.2	4466.7	4857.1	5212.4	5535.0	5815.2	6057.8	6271.4
12.5°	2567.7	3106.6	3633.3	4113.1	4543.6	4932.8	5288.1	5606.2	5881.7	6121.2	6330.1
10°	2622.6	3169.3	3699.4	4177.3	4607.0	4995.2	5350.7	5665.2	5936.9	6173.9	6379.1
7.5°	2665.5	3218.4	3751.1	4227.6	4656.6	5044.2	5399.9	5711.5	5980.3	6215.4	6417.7
5°	2696.3	3253.6	3788.2	4263.6	4692.3	5079.3	5435.2	5744.9	6011.5	6245.3	6445.6
2.5°	2714.8	3274.7	3810.6	4285.4	4713.7	5100.5	5456.5	5765.0	6030.4	6263.4	6462.5
0°	2721.0	3281.8	3818.0	4292.6	4720.9	5107.6	5463.6	5771.7	6036.7	6269.4	6468.1
-2.5°	2714.8	3274.7	3810.6	4285.4	4713.7	5100.5	5456.5	5765.0	6030.4	6263.4	6462.5
-5°	2696.3	3253.6	3788.2	4263.6	4692.3	5079.3	5435.2	5744.9	6011.5	6245.3	6445.6
-7.5°	2665.5	3218.4	3751.1	4227.6	4656.6	5044.2	5399.9	5711.5	5980.3	6215.4	6417.7
-10°	2622.6	3169.3	3699.4	4177.3	4607.0	4995.2	5350.7	5665.2	5936.9	6173.9	6379.1
-12.5°	2567.7	3106.6	3633.3	4113.1	4543.6	4932.8	5288.1	5606.2	5881.7	6121.2	6330.1
-15°	2500.9	3030.4	3553.0	4035.2	4466.7	4857.1	5212.4	5535.0	5815.2	6057.8	6271.4
-17.5°	2422.5	2940.9	3458.9	3944.0	4376.9	4768.8	5124.0	5450.2	5732.3	5976.9	6192.0
-20°	2332.7	2838.6	3351.4	3839.8	4272.3	4662.4	5016.1	5341.3	5630.4	5882.1	6102.1

Classified

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

Scaled Data Report



REPORT NUMBER: P645434 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3D-735-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°	2231.9	2723.8	3228.4	3710.7	4145.2	4537.8	4894.3	5220.0	5517.1	5777.1	5998.0
-25°	2128.2	2600.5	3089.1	3565.2	4005.1	4400.7	4760.4	5085.3	5382.2	5644.7	5874.9
-27.5°	2023.1	2466.0	2937.0	3406.6	3852.6	4247.3	4603.8	4928.9	5227.5	5501.0	5737.9
-30°	1909.4	2320.5	2772.7	3233.3	3671.4	4069.7	4431.1	4761.3	5058.1	5329.9	5574.3
-32.5°	1787.3	2166.2	2600.5	3041.9	3473.2	3880.3	4242.4	4568.5	4867.6	5142.7	5392.1
-35°	1668.8	2023.1	2419.1	2838.6	3262.0	3661.9	4027.1	4360.5	4661.4	4932.3	5183.4
-37.5°	1562.3	1871.8	2227.4	2627.0	3030.4	3423.6	3798.8	4126.3	4429.2	4708.3	4953.9
-40°	1450.2	1712.6	2046.9	2408.7	2787.6	3169.3	3532.1	3874.5	4176.3	4452.3	4708.3
-42.5°	1334.9	1582.9	1865.5	2180.8	2540.1	2897.9	3253.6	3586.7	3899.2	4176.3	4429.2
-45°	1232.7	1448.7	1684.0	1976.1	2285.2	2619.6	2953.4	3281.8	3586.7	3874.5	4126.3
-47.5°	1126.4	1315.5	1532.6	1764.8	2043.1	2337.7	2646.3	2953.4	3253.6	3532.1	3798.8
-50°	1022.2	1195.3	1376.2	1583.4	1809.1	2065.5	2337.7	2619.6	2897.9	3169.3	3423.6
-52.5°	932.4	1071.3	1236.9	1409.8	1600.4	1809.1	2043.1	2285.2	2540.1	2787.6	3030.4
-55°	840.0	964.9	1098.9	1250.9	1409.8	1583.4	1764.8	1976.1	2180.8	2408.7	2627.0
-57.5°	759.6	861.6	975.8	1098.9	1236.9	1376.2	1532.6	1684.0	1865.5	2046.9	2227.4
-60°	685.7	767.8	861.6	964.9	1071.3	1195.3	1315.5	1448.7	1582.9	1712.6	1871.8
-62.5°	611.9	685.7	759.6	840.0	932.4	1022.2	1126.4	1232.7	1334.9	1450.2	1562.3
-65°	544.1	604.7	669.4	735.1	799.1	878.7	957.7	1033.9	1123.7	1212.5	1297.1
-67.5°	475.2	529.9	583.3	637.1	694.7	750.5	804.6	872.7	938.4	1001.3	1065.6
-70°	402.4	453.5	501.6	548.0	593.1	638.5	686.5	732.7	777.1	823.8	876.9
-72.5°	328.1	372.9	416.6	459.2	498.9	537.2	574.1	609.7	646.5	683.5	718.7
-75°	257.0	291.9	329.0	365.5	401.0	435.3	468.3	498.7	527.9	555.8	582.3
-77.5°	188.2	217.3	245.7	273.3	300.6	329.2	356.8	383.4	408.8	433.1	456.2
-80°	126.5	142.5	164.9	187.0	208.5	229.2	249.3	268.5	287.0	305.5	323.9
-82.5°	78.5	90.6	102.3	113.7	124.7	135.5	146.9	161.3	175.2	188.4	200.9
-85°	35.5	38.5	46.2	53.8	61.2	68.3	75.2	81.8	88.1	94.2	99.9
-87.5°	17.8	19.2	20.7	22.1	23.4	24.7	26.0	27.2	28.4	29.5	30.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645434 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-735-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°	31.5	32.5	33.3	34.1	34.9	35.6	36.2	36.7	37.2	37.6	37.9
85°	105.3	110.4	115.2	119.6	123.6	127.3	130.6	133.6	136.1	138.3	140.1
82.5°	212.7	223.8	234.2	243.9	252.7	260.8	268.1	274.5	280.1	284.9	288.8
80°	341.3	357.7	373.0	387.2	400.3	412.2	422.9	432.4	440.7	447.7	453.5
77.5°	477.4	497.0	515.3	532.3	547.9	562.2	575.0	586.4	596.3	604.7	611.6
75°	607.4	631.9	656.9	680.1	701.5	721.0	738.6	754.2	767.8	779.4	788.8
72.5°	752.0	783.4	814.9	850.7	883.6	913.7	940.8	964.9	985.9	1003.7	1018.4
70°	927.1	974.4	1018.8	1064.0	1112.0	1155.8	1195.3	1230.4	1261.0	1287.0	1308.4
67.5°	1137.5	1205.2	1268.6	1327.6	1389.1	1448.7	1502.4	1550.2	1591.9	1627.4	1656.5
65°	1383.4	1474.2	1559.4	1638.6	1712.6	1799.1	1877.1	1946.6	2007.2	2058.7	2101.2
62.5°	1668.8	1787.3	1909.4	2023.1	2128.2	2231.9	2332.7	2422.5	2500.9	2567.7	2622.6
60°	2023.1	2166.2	2320.5	2466.0	2600.5	2723.8	2838.6	2940.9	3030.4	3106.6	3169.3
57.5°	2419.1	2600.5	2772.7	2937.0	3089.1	3228.4	3351.4	3458.9	3553.0	3633.3	3699.4
55°	2838.6	3041.9	3233.3	3406.6	3565.2	3710.7	3839.8	3944.0	4035.2	4113.1	4177.3
52.5°	3262.0	3473.2	3671.4	3852.6	4005.1	4145.2	4272.3	4376.9	4466.7	4543.6	4607.0
50°	3661.9	3880.3	4069.7	4247.3	4400.7	4537.8	4662.4	4768.8	4857.1	4932.8	4995.2
47.5°	4027.1	4242.4	4431.1	4603.8	4760.4	4894.3	5016.1	5124.0	5212.4	5288.1	5350.7
45°	4360.5	4568.5	4761.3	4928.9	5085.3	5220.0	5341.3	5450.2	5535.0	5606.2	5665.2
42.5°	4661.4	4867.6	5058.1	5227.5	5382.2	5517.1	5630.4	5732.3	5815.2	5881.7	5936.9
40°	4932.3	5142.7	5329.9	5501.0	5644.7	5777.1	5882.1	5976.9	6057.8	6121.2	6173.9
37.5°	5183.4	5392.1	5574.3	5737.9	5874.9	5998.0	6102.1	6192.0	6271.4	6330.1	6379.1
35°	5413.1	5611.3	5791.5	5941.5	6077.3	6193.3	6295.8	6378.6	6452.3	6508.4	6553.0
32.5°	5611.3	5807.9	5975.2	6122.9	6255.5	6363.7	6461.9	6537.9	6604.8	6658.7	6700.2
30°	5791.5	5975.2	6138.2	6284.5	6405.3	6510.7	6599.1	6673.3	6735.1	6786.6	6823.0
27.5°	5941.5	6122.9	6284.5	6419.3	6535.0	6636.4	6717.4	6788.8	6842.8	6890.1	6921.5
25°	6077.3	6255.5	6405.3	6535.0	6647.2	6739.9	6817.0	6881.6	6929.5	6970.0	6993.4
22.5°	6193.3	6363.7	6510.7	6636.4	6739.9	6826.5	6899.1	6953.9	6993.0	7017.6	7031.4
20°	6295.8	6461.9	6599.1	6717.4	6817.0	6899.1	6962.1	7002.6	7029.9	7036.6	7040.6
17.5°	6378.6	6537.9	6673.3	6788.8	6881.6	6953.9	7002.6	7031.2	7039.4	7037.9	7033.8
15°	6452.3	6604.8	6735.1	6842.8	6929.5	6993.0	7029.9	7039.4	7037.0	7028.7	7016.0
12.5°	6508.4	6658.7	6786.6	6890.1	6970.0	7017.6	7036.6	7037.9	7028.7	7012.9	6994.9
10°	6553.0	6700.2	6823.0	6921.5	6993.4	7031.4	7040.6	7033.8	7016.0	6994.9	6974.9
7.5°	6588.3	6733.1	6852.1	6946.5	7008.7	7035.6	7037.6	7024.9	7003.5	6979.5	6957.9
5°	6613.9	6757.0	6873.2	6964.8	7019.9	7038.7	7035.4	7017.9	6993.1	6968.0	6948.3
2.5°	6629.3	6771.5	6886.0	6976.0	7026.7	7040.7	7034.1	7013.5	6986.5	6960.7	6941.9
0°	6634.5	6776.3	6890.3	6979.7	7029.0	7041.3	7033.6	7012.0	6984.3	6958.1	6939.6
-2.5°	6629.3	6771.5	6886.0	6976.0	7026.7	7040.7	7034.1	7013.5	6986.5	6960.7	6941.9
-5°	6613.9	6757.0	6873.2	6964.8	7019.9	7038.7	7035.4	7017.9	6993.1	6968.0	6948.3
-7.5°	6588.3	6733.1	6852.1	6946.5	7008.7	7035.6	7037.6	7024.9	7003.5	6979.5	6957.9
-10°	6553.0	6700.2	6823.0	6921.5	6993.4	7031.4	7040.6	7033.8	7016.0	6994.9	6974.9
-12.5°	6508.4	6658.7	6786.6	6890.1	6970.0	7017.6	7036.6	7037.9	7028.7	7012.9	6994.9
-15°	6452.3	6604.8	6735.1	6842.8	6929.5	6993.0	7029.9	7039.4	7037.0	7028.7	7016.0
-17.5°	6378.6	6537.9	6673.3	6788.8	6881.6	6953.9	7002.6	7031.2	7039.4	7037.9	7033.8
-20°	6295.8	6461.9	6599.1	6717.4	6817.0	6899.1	6962.1	7002.6	7029.9	7036.6	7040.6



REPORT NUMBER: P645434 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-735-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	6193.3	6363.7	6510.7	6636.4	6739.9	6826.5	6899.1	6953.9	6993.0	7017.6	7031.4
-25°	6077.3	6255.5	6405.3	6535.0	6647.2	6739.9	6817.0	6881.6	6929.5	6970.0	6993.4
-27.5°	5941.5	6122.9	6284.5	6419.3	6535.0	6636.4	6717.4	6788.8	6842.8	6890.1	6921.5
-30°	5791.5	5975.2	6138.2	6284.5	6405.3	6510.7	6599.1	6673.3	6735.1	6786.6	6823.0
-32.5°	5611.3	5807.9	5975.2	6122.9	6255.5	6363.7	6461.9	6537.9	6604.8	6658.7	6700.2
-35°	5413.1	5611.3	5791.5	5941.5	6077.3	6193.3	6295.8	6378.6	6452.3	6508.4	6553.0
-37.5°	5183.4	5392.1	5574.3	5737.9	5874.9	5998.0	6102.1	6192.0	6271.4	6330.1	6379.1
-40°	4932.3	5142.7	5329.9	5501.0	5644.7	5777.1	5882.1	5976.9	6057.8	6121.2	6173.9
-42.5°	4661.4	4867.6	5058.1	5227.5	5382.2	5517.1	5630.4	5732.3	5815.2	5881.7	5936.9
-45°	4360.5	4568.5	4761.3	4928.9	5085.3	5220.0	5341.3	5450.2	5535.0	5606.2	5665.2
-47.5°	4027.1	4242.4	4431.1	4603.8	4760.4	4894.3	5016.1	5124.0	5212.4	5288.1	5350.7
-50°	3661.9	3880.3	4069.7	4247.3	4400.7	4537.8	4662.4	4768.8	4857.1	4932.8	4995.2
-52.5°	3262.0	3473.2	3671.4	3852.6	4005.1	4145.2	4272.3	4376.9	4466.7	4543.6	4607.0
-55°	2838.6	3041.9	3233.3	3406.6	3565.2	3710.7	3839.8	3944.0	4035.2	4113.1	4177.3
-57.5°	2419.1	2600.5	2772.7	2937.0	3089.1	3228.4	3351.4	3458.9	3553.0	3633.3	3699.4
-60°	2023.1	2166.2	2320.5	2466.0	2600.5	2723.8	2838.6	2940.9	3030.4	3106.6	3169.3
-62.5°	1668.8	1787.3	1909.4	2023.1	2128.2	2231.9	2332.7	2422.5	2500.9	2567.7	2622.6
-65°	1383.4	1474.2	1559.4	1638.6	1712.6	1799.1	1877.1	1946.6	2007.2	2058.7	2101.2
-67.5°	1137.5	1205.2	1268.6	1327.6	1389.1	1448.7	1502.4	1550.2	1591.9	1627.4	1656.5
-70°	927.1	974.4	1018.8	1064.0	1112.0	1155.8	1195.3	1230.4	1261.0	1287.0	1308.4
-72.5°	752.0	783.4	814.9	850.7	883.6	913.7	940.8	964.9	985.9	1003.7	1018.4
-75°	607.4	631.9	656.9	680.1	701.5	721.0	738.6	754.2	767.8	779.4	788.8
-77.5°	477.4	497.0	515.3	532.3	547.9	562.2	575.0	586.4	596.3	604.7	611.6
-80°	341.3	357.7	373.0	387.2	400.3	412.2	422.9	432.4	440.7	447.7	453.5
-82.5°	212.7	223.8	234.2	243.9	252.7	260.8	268.1	274.5	280.1	284.9	288.8
-85°	105.3	110.4	115.2	119.6	123.6	127.3	130.6	133.6	136.1	138.3	140.1
-87.5°	31.5	32.5	33.3	34.1	34.9	35.6	36.2	36.7	37.2	37.6	37.9
-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: P645434 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-735-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°	38.2	38.4	38.5	38.5	38.5	38.4	38.2	37.9	37.6	37.2	36.7
85°	141.5	142.5	143.1	143.3	143.1	142.5	141.5	140.1	138.3	136.1	133.6
82.5°	291.9	294.0	295.4	295.8	295.4	294.0	291.9	288.8	284.9	280.1	274.5
80°	458.0	461.2	463.2	463.8	463.2	461.2	458.0	453.5	447.7	440.7	432.4
77.5°	617.0	620.9	623.2	624.0	623.2	620.9	617.0	611.6	604.7	596.3	586.4
75°	796.3	801.6	804.7	805.8	804.7	801.6	796.3	788.8	779.4	767.8	754.2
72.5°	1029.8	1038.0	1043.0	1044.6	1043.0	1038.0	1029.8	1018.4	1003.7	985.9	964.9
70°	1325.1	1337.0	1344.2	1346.6	1344.2	1337.0	1325.1	1308.4	1287.0	1261.0	1230.4
67.5°	1679.3	1695.6	1705.4	1708.7	1705.4	1695.6	1679.3	1656.5	1627.4	1591.9	1550.2
65°	2134.3	2158.1	2172.3	2177.1	2172.3	2158.1	2134.3	2101.2	2058.7	2007.2	1946.6
62.5°	2665.5	2696.3	2714.8	2721.0	2714.8	2696.3	2665.5	2622.6	2567.7	2500.9	2422.5
60°	3218.4	3253.6	3274.7	3281.8	3274.7	3253.6	3218.4	3169.3	3106.6	3030.4	2940.9
57.5°	3751.1	3788.2	3810.6	3818.0	3810.6	3788.2	3751.1	3699.4	3633.3	3553.0	3458.9
55°	4227.6	4263.6	4285.4	4292.6	4285.4	4263.6	4227.6	4177.3	4113.1	4035.2	3944.0
52.5°	4656.6	4692.3	4713.7	4720.9	4713.7	4692.3	4656.6	4607.0	4543.6	4466.7	4376.9
50°	5044.2	5079.3	5100.5	5107.6	5100.5	5079.3	5044.2	4995.2	4932.8	4857.1	4768.8
47.5°	5399.9	5435.2	5456.5	5463.6	5456.5	5435.2	5399.9	5350.7	5288.1	5212.4	5124.0
45°	5711.5	5744.9	5765.0	5771.7	5765.0	5744.9	5711.5	5665.2	5606.2	5535.0	5450.2
42.5°	5980.3	6011.5	6030.4	6036.7	6030.4	6011.5	5980.3	5936.9	5881.7	5815.2	5732.3
40°	6215.4	6245.3	6263.4	6269.4	6263.4	6245.3	6215.4	6173.9	6121.2	6057.8	5976.9
37.5°	6417.7	6445.6	6462.5	6468.1	6462.5	6445.6	6417.7	6379.1	6330.1	6271.4	6192.0
35°	6588.3	6613.9	6629.3	6634.5	6629.3	6613.9	6588.3	6553.0	6508.4	6452.3	6378.6
32.5°	6733.1	6757.0	6771.5	6776.3	6771.5	6757.0	6733.1	6700.2	6658.7	6604.8	6537.9
30°	6852.1	6873.2	6886.0	6890.3	6886.0	6873.2	6852.1	6823.0	6786.6	6735.1	6673.3
27.5°	6946.5	6964.8	6976.0	6979.7	6976.0	6964.8	6946.5	6921.5	6890.1	6842.8	6788.8
25°	7008.7	7019.9	7026.7	7029.0	7026.7	7019.9	7008.7	6993.4	6970.0	6929.5	6881.6
22.5°	7035.6	7038.7	7040.7	7041.3	7040.7	7038.7	7035.6	7031.4	7017.6	6993.0	6953.9
20°	7037.6	7035.4	7034.1	7033.6	7034.1	7035.4	7037.6	7040.6	7036.6	7029.9	7002.6
17.5°	7024.9	7017.9	7013.5	7012.0	7013.5	7017.9	7024.9	7033.8	7037.9	7039.4	7031.2
15°	7003.5	6993.1	6986.5	6984.3	6986.5	6993.1	7003.5	7016.0	7028.7	7037.0	7039.4
12.5°	6979.5	6968.0	6960.7	6958.1	6960.7	6968.0	6979.5	6994.9	7012.9	7028.7	7037.9
10°	6957.9	6948.3	6941.9	6939.6	6941.9	6948.3	6957.9	6974.9	6994.9	7016.0	7033.8
7.5°	6944.0	6935.3	6930.5	6928.8	6930.5	6935.3	6944.0	6957.9	6979.5	7003.5	7024.9
5°	6935.3	6926.7	6919.4	6916.5	6919.4	6926.7	6935.3	6948.3	6968.0	6993.1	7017.9
2.5°	6930.5	6919.4	6908.4	6902.6	6908.4	6919.4	6930.5	6941.9	6960.7	6986.5	7013.5
0°	6928.8	6916.5	6902.6	6904.2	6902.6	6916.5	6928.8	6939.6	6958.1	6984.3	7012.0
-2.5°	6930.5	6919.4	6908.4	6902.6	6908.4	6919.4	6930.5	6941.9	6960.7	6986.5	7013.5
-5°	6935.3	6926.7	6919.4	6916.5	6919.4	6926.7	6935.3	6948.3	6968.0	6993.1	7017.9
-7.5°	6944.0	6935.3	6930.5	6928.8	6930.5	6935.3	6944.0	6957.9	6979.5	7003.5	7024.9
-10°	6957.9	6948.3	6941.9	6939.6	6941.9	6948.3	6957.9	6974.9	6994.9	7016.0	7033.8
-12.5°	6979.5	6968.0	6960.7	6958.1	6960.7	6968.0	6979.5	6994.9	7012.9	7028.7	7037.9
-15°	7003.5	6993.1	6986.5	6984.3	6986.5	6993.1	7003.5	7016.0	7028.7	7037.0	7039.4
-17.5°	7024.9	7017.9	7013.5	7012.0	7013.5	7017.9	7024.9	7033.8	7037.9	7039.4	7031.2
-20°	7037.6	7035.4	7034.1	7033.6	7034.1	7035.4	7037.6	7040.6	7036.6	7029.9	7002.6



REPORT NUMBER: P645434 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	7035.6	7038.7	7040.7	7041.3	7040.7	7038.7	7035.6	7031.4	7017.6	6993.0	6953.9
-25°	7008.7	7019.9	7026.7	7029.0	7026.7	7019.9	7008.7	6993.4	6970.0	6929.5	6881.6
-27.5°	6946.5	6964.8	6976.0	6979.7	6976.0	6964.8	6946.5	6921.5	6890.1	6842.8	6788.8
-30°	6852.1	6873.2	6886.0	6890.3	6886.0	6873.2	6852.1	6823.0	6786.6	6735.1	6673.3
-32.5°	6733.1	6757.0	6771.5	6776.3	6771.5	6757.0	6733.1	6700.2	6658.7	6604.8	6537.9
-35°	6588.3	6613.9	6629.3	6634.5	6629.3	6613.9	6588.3	6553.0	6508.4	6452.3	6378.6
-37.5°	6417.7	6445.6	6462.5	6468.1	6462.5	6445.6	6417.7	6379.1	6330.1	6271.4	6192.0
-40°	6215.4	6245.3	6263.4	6269.4	6263.4	6245.3	6215.4	6173.9	6121.2	6057.8	5976.9
-42.5°	5980.3	6011.5	6030.4	6036.7	6030.4	6011.5	5980.3	5936.9	5881.7	5815.2	5732.3
-45°	5711.5	5744.9	5765.0	5771.7	5765.0	5744.9	5711.5	5665.2	5606.2	5535.0	5450.2
-47.5°	5399.9	5435.2	5456.5	5463.6	5456.5	5435.2	5399.9	5350.7	5288.1	5212.4	5124.0
-50°	5044.2	5079.3	5100.5	5107.6	5100.5	5079.3	5044.2	4995.2	4932.8	4857.1	4768.8
-52.5°	4656.6	4692.3	4713.7	4720.9	4713.7	4692.3	4656.6	4607.0	4543.6	4466.7	4376.9
-55°	4227.6	4263.6	4285.4	4292.6	4285.4	4263.6	4227.6	4177.3	4113.1	4035.2	3944.0
-57.5°	3751.1	3788.2	3810.6	3818.0	3810.6	3788.2	3751.1	3699.4	3633.3	3553.0	3458.9
-60°	3218.4	3253.6	3274.7	3281.8	3274.7	3253.6	3218.4	3169.3	3106.6	3030.4	2940.9
-62.5°	2665.5	2696.3	2714.8	2721.0	2714.8	2696.3	2665.5	2622.6	2567.7	2500.9	2422.5
-65°	2134.3	2158.1	2172.3	2177.1	2172.3	2158.1	2134.3	2101.2	2058.7	2007.2	1946.6
-67.5°	1679.3	1695.6	1705.4	1708.7	1705.4	1695.6	1679.3	1656.5	1627.4	1591.9	1550.2
-70°	1325.1	1337.0	1344.2	1346.6	1344.2	1337.0	1325.1	1308.4	1287.0	1261.0	1230.4
-72.5°	1029.8	1038.0	1043.0	1044.6	1043.0	1038.0	1029.8	1018.4	1003.7	985.9	964.9
-75°	796.3	801.6	804.7	805.8	804.7	801.6	796.3	788.8	779.4	767.8	754.2
-77.5°	617.0	620.9	623.2	624.0	623.2	620.9	617.0	611.6	604.7	596.3	586.4
-80°	458.0	461.2	463.2	463.8	463.2	461.2	458.0	453.5	447.7	440.7	432.4
-82.5°	291.9	294.0	295.4	295.8	295.4	294.0	291.9	288.8	284.9	280.1	274.5
-85°	141.5	142.5	143.1	143.3	143.1	142.5	141.5	140.1	138.3	136.1	133.6
-87.5°	38.2	38.4	38.5	38.5	38.5	38.4	38.2	37.9	37.6	37.2	36.7
-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: P645434 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
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°	36.2	35.6	34.9	34.1	33.3	32.5	31.5	30.5	29.5	28.4	27.2
85°	130.6	127.3	123.6	119.6	115.2	110.4	105.3	99.9	94.2	88.1	81.8
82.5°	268.1	260.8	252.7	243.9	234.2	223.8	212.7	200.9	188.4	175.2	161.3
80°	422.9	412.2	400.3	387.2	373.0	357.7	341.3	323.9	305.5	287.0	268.5
77.5°	575.0	562.2	547.9	532.3	515.3	497.0	477.4	456.2	433.1	408.8	383.4
75°	738.6	721.0	701.5	680.1	656.9	631.9	607.4	582.3	555.8	527.9	498.7
72.5°	940.8	913.7	883.6	850.7	814.9	783.4	752.0	718.7	683.5	646.5	609.7
70°	1195.3	1155.8	1112.0	1064.0	1018.8	974.4	927.1	876.9	823.8	777.1	732.7
67.5°	1502.4	1448.7	1389.1	1327.6	1268.6	1205.2	1137.5	1065.6	1001.3	938.4	872.7
65°	1877.1	1799.1	1712.6	1638.6	1559.4	1474.2	1383.4	1297.1	1212.5	1123.7	1033.9
62.5°	2332.7	2231.9	2128.2	2023.1	1909.4	1787.3	1668.8	1562.3	1450.2	1334.9	1232.7
60°	2838.6	2723.8	2600.5	2466.0	2320.5	2166.2	2023.1	1871.8	1712.6	1582.9	1448.7
57.5°	3351.4	3228.4	3089.1	2937.0	2772.7	2600.5	2419.1	2227.4	2046.9	1865.5	1684.0
55°	3839.8	3710.7	3565.2	3406.6	3233.3	3041.9	2838.6	2627.0	2408.7	2180.8	1976.1
52.5°	4272.3	4145.2	4005.1	3852.6	3671.4	3473.2	3262.0	3030.4	2787.6	2540.1	2285.2
50°	4662.4	4537.8	4400.7	4247.3	4069.7	3880.3	3661.9	3423.6	3169.3	2897.9	2619.6
47.5°	5016.1	4894.3	4760.4	4603.8	4431.1	4242.4	4027.1	3798.8	3532.1	3253.6	2953.4
45°	5341.3	5220.0	5085.3	4928.9	4761.3	4568.5	4360.5	4126.3	3874.5	3586.7	3281.8
42.5°	5630.4	5517.1	5382.2	5227.5	5058.1	4867.6	4661.4	4429.2	4176.3	3899.2	3586.7
40°	5882.1	5777.1	5644.7	5501.0	5329.9	5142.7	4932.3	4708.3	4452.3	4176.3	3874.5
37.5°	6102.1	5998.0	5874.9	5737.9	5574.3	5392.1	5183.4	4953.9	4708.3	4429.2	4126.3
35°	6295.8	6193.3	6077.3	5941.5	5791.5	5611.3	5413.1	5183.4	4932.3	4661.4	4360.5
32.5°	6461.9	6363.7	6255.5	6122.9	5975.2	5807.9	5611.3	5392.1	5142.7	4867.6	4568.5
30°	6599.1	6510.7	6405.3	6284.5	6138.2	5975.2	5791.5	5574.3	5329.9	5058.1	4761.3
27.5°	6717.4	6636.4	6535.0	6419.3	6284.5	6122.9	5941.5	5737.9	5501.0	5227.5	4928.9
25°	6817.0	6739.9	6647.2	6535.0	6405.3	6255.5	6077.3	5874.9	5644.7	5382.2	5085.3
22.5°	6899.1	6826.5	6739.9	6636.4	6510.7	6363.7	6193.3	5998.0	5777.1	5517.1	5220.0
20°	6962.1	6899.1	6817.0	6717.4	6599.1	6461.9	6295.8	6102.1	5882.1	5630.4	5341.3
17.5°	7002.6	6953.9	6881.6	6788.8	6673.3	6537.9	6378.6	6192.0	5976.9	5732.3	5450.2
15°	7029.9	6993.0	6929.5	6842.8	6735.1	6604.8	6452.3	6271.4	6057.8	5815.2	5535.0
12.5°	7036.6	7017.6	6970.0	6890.1	6786.6	6658.7	6508.4	6330.1	6121.2	5881.7	5606.2
10°	7040.6	7031.4	6993.4	6921.5	6823.0	6700.2	6553.0	6379.1	6173.9	5936.9	5665.2
7.5°	7037.6	7035.6	7008.7	6946.5	6852.1	6733.1	6588.3	6417.7	6215.4	5980.3	5711.5
5°	7035.4	7038.7	7019.9	6964.8	6873.2	6757.0	6613.9	6445.6	6245.3	6011.5	5744.9
2.5°	7034.1	7040.7	7026.7	6976.0	6886.0	6771.5	6629.3	6462.5	6263.4	6030.4	5765.0
0°	7033.6	7041.3	7029.0	6979.7	6890.3	6776.3	6634.5	6468.1	6269.4	6036.7	5771.7
-2.5°	7034.1	7040.7	7026.7	6976.0	6886.0	6771.5	6629.3	6462.5	6263.4	6030.4	5765.0
-5°	7035.4	7038.7	7019.9	6964.8	6873.2	6757.0	6613.9	6445.6	6245.3	6011.5	5744.9
-7.5°	7037.6	7035.6	7008.7	6946.5	6852.1	6733.1	6588.3	6417.7	6215.4	5980.3	5711.5
-10°	7040.6	7031.4	6993.4	6921.5	6823.0	6700.2	6553.0	6379.1	6173.9	5936.9	5665.2
-12.5°	7036.6	7017.6	6970.0	6890.1	6786.6	6658.7	6508.4	6330.1	6121.2	5881.7	5606.2
-15°	7029.9	6993.0	6929.5	6842.8	6735.1	6604.8	6452.3	6271.4	6057.8	5815.2	5535.0
-17.5°	7002.6	6953.9	6881.6	6788.8	6673.3	6537.9	6378.6	6192.0	5976.9	5732.3	5450.2
-20°	6962.1	6899.1	6817.0	6717.4	6599.1	6461.9	6295.8	6102.1	5882.1	5630.4	5341.3



REPORT NUMBER: P645434 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-735-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6899.1	6826.5	6739.9	6636.4	6510.7	6363.7	6193.3	5998.0	5777.1	5517.1	5220.0
-25°	6817.0	6739.9	6647.2	6535.0	6405.3	6255.5	6077.3	5874.9	5644.7	5382.2	5085.3
-27.5°	6717.4	6636.4	6535.0	6419.3	6284.5	6122.9	5941.5	5737.9	5501.0	5227.5	4928.9
-30°	6599.1	6510.7	6405.3	6284.5	6138.2	5975.2	5791.5	5574.3	5329.9	5058.1	4761.3
-32.5°	6461.9	6363.7	6255.5	6122.9	5975.2	5807.9	5611.3	5392.1	5142.7	4867.6	4568.5
-35°	6295.8	6193.3	6077.3	5941.5	5791.5	5611.3	5413.1	5183.4	4932.3	4661.4	4360.5
-37.5°	6102.1	5998.0	5874.9	5737.9	5574.3	5392.1	5183.4	4953.9	4708.3	4429.2	4126.3
-40°	5882.1	5777.1	5644.7	5501.0	5329.9	5142.7	4932.3	4708.3	4452.3	4176.3	3874.5
-42.5°	5630.4	5517.1	5382.2	5227.5	5058.1	4867.6	4661.4	4429.2	4176.3	3899.2	3586.7
-45°	5341.3	5220.0	5085.3	4928.9	4761.3	4568.5	4360.5	4126.3	3874.5	3586.7	3281.8
-47.5°	5016.1	4894.3	4760.4	4603.8	4431.1	4242.4	4027.1	3798.8	3532.1	3253.6	2953.4
-50°	4662.4	4537.8	4400.7	4247.3	4069.7	3880.3	3661.9	3423.6	3169.3	2897.9	2619.6
-52.5°	4272.3	4145.2	4005.1	3852.6	3671.4	3473.2	3262.0	3030.4	2787.6	2540.1	2285.2
-55°	3839.8	3710.7	3565.2	3406.6	3233.3	3041.9	2838.6	2627.0	2408.7	2180.8	1976.1
-57.5°	3351.4	3228.4	3089.1	2937.0	2772.7	2600.5	2419.1	2227.4	2046.9	1865.5	1684.0
-60°	2838.6	2723.8	2600.5	2466.0	2320.5	2166.2	2023.1	1871.8	1712.6	1582.9	1448.7
-62.5°	2332.7	2231.9	2128.2	2023.1	1909.4	1787.3	1668.8	1562.3	1450.2	1334.9	1232.7
-65°	1877.1	1799.1	1712.6	1638.6	1559.4	1474.2	1383.4	1297.1	1212.5	1123.7	1033.9
-67.5°	1502.4	1448.7	1389.1	1327.6	1268.6	1205.2	1137.5	1065.6	1001.3	938.4	872.7
-70°	1195.3	1155.8	1112.0	1064.0	1018.8	974.4	927.1	876.9	823.8	777.1	732.7
-72.5°	940.8	913.7	883.6	850.7	814.9	783.4	752.0	718.7	683.5	646.5	609.7
-75°	738.6	721.0	701.5	680.1	656.9	631.9	607.4	582.3	555.8	527.9	498.7
-77.5°	575.0	562.2	547.9	532.3	515.3	497.0	477.4	456.2	433.1	408.8	383.4
-80°	422.9	412.2	400.3	387.2	373.0	357.7	341.3	323.9	305.5	287.0	268.5
-82.5°	268.1	260.8	252.7	243.9	234.2	223.8	212.7	200.9	188.4	175.2	161.3
-85°	130.6	127.3	123.6	119.6	115.2	110.4	105.3	99.9	94.2	88.1	81.8
-87.5°	36.2	35.6	34.9	34.1	33.3	32.5	31.5	30.5	29.5	28.4	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: P645434 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	26.0	24.7	23.4	22.1	20.7	19.2	17.8	16.3	14.7	13.2	11.6
85°	75.2	68.3	61.2	53.8	46.2	38.5	35.5	32.5	29.4	26.3	23.1
82.5°	146.9	135.5	124.7	113.7	102.3	90.6	78.5	66.3	53.7	41.0	34.6
80°	249.3	229.2	208.5	187.0	164.9	142.5	126.5	110.1	93.4	76.4	59.2
77.5°	356.8	329.2	300.6	273.3	245.7	217.3	188.2	158.4	132.9	111.7	90.1
75°	468.3	435.3	401.0	365.5	329.0	291.9	257.0	221.4	185.0	148.1	120.8
72.5°	574.1	537.2	498.9	459.2	416.6	372.9	328.1	283.7	241.4	198.4	154.8
70°	686.5	638.5	593.1	548.0	501.6	453.5	402.4	350.3	297.2	248.1	198.4
67.5°	804.6	750.5	694.7	637.1	583.3	529.9	475.2	417.2	357.7	297.2	241.4
65°	957.7	878.7	799.1	735.1	669.4	604.7	544.1	482.3	417.2	350.3	283.7
62.5°	1126.4	1022.2	932.4	840.0	759.6	685.7	611.9	544.1	475.2	402.4	328.1
60°	1315.5	1195.3	1071.3	964.9	861.6	767.8	685.7	604.7	529.9	453.5	372.9
57.5°	1532.6	1376.2	1236.9	1098.9	975.8	861.6	759.6	669.4	583.3	501.6	416.6
55°	1764.8	1583.4	1409.8	1250.9	1098.9	964.9	840.0	735.1	637.1	548.0	459.2
52.5°	2043.1	1809.1	1600.4	1409.8	1236.9	1071.3	932.4	799.1	694.7	593.1	498.9
50°	2337.7	2065.5	1809.1	1583.4	1376.2	1195.3	1022.2	878.7	750.5	638.5	537.2
47.5°	2646.3	2337.7	2043.1	1764.8	1532.6	1315.5	1126.4	957.7	804.6	686.5	574.1
45°	2953.4	2619.6	2285.2	1976.1	1684.0	1448.7	1232.7	1033.9	872.7	732.7	609.7
42.5°	3253.6	2897.9	2540.1	2180.8	1865.5	1582.9	1334.9	1123.7	938.4	777.1	646.5
40°	3532.1	3169.3	2787.6	2408.7	2046.9	1712.6	1450.2	1212.5	1001.3	823.8	683.5
37.5°	3798.8	3423.6	3030.4	2627.0	2227.4	1871.8	1562.3	1297.1	1065.6	876.9	718.7
35°	4027.1	3661.9	3262.0	2838.6	2419.1	2023.1	1668.8	1383.4	1137.5	927.1	752.0
32.5°	4242.4	3880.3	3473.2	3041.9	2600.5	2166.2	1787.3	1474.2	1205.2	974.4	783.4
30°	4431.1	4069.7	3671.4	3233.3	2772.7	2320.5	1909.4	1559.4	1268.6	1018.8	814.9
27.5°	4603.8	4247.3	3852.6	3406.6	2937.0	2466.0	2023.1	1638.6	1327.6	1064.0	850.7
25°	4760.4	4400.7	4005.1	3565.2	3089.1	2600.5	2128.2	1712.6	1389.1	1112.0	883.6
22.5°	4894.3	4537.8	4145.2	3710.7	3228.4	2723.8	2231.9	1799.1	1448.7	1155.8	913.7
20°	5016.1	4662.4	4272.3	3839.8	3351.4	2838.6	2332.7	1877.1	1502.4	1195.3	940.8
17.5°	5124.0	4768.8	4376.9	3944.0	3458.9	2940.9	2422.5	1946.6	1550.2	1230.4	964.9
15°	5212.4	4857.1	4466.7	4035.2	3553.0	3030.4	2500.9	2007.2	1591.9	1261.0	985.9
12.5°	5288.1	4932.8	4543.6	4113.1	3633.3	3106.6	2567.7	2058.7	1627.4	1287.0	1003.7
10°	5350.7	4995.2	4607.0	4177.3	3699.4	3169.3	2622.6	2101.2	1656.5	1308.4	1018.4
7.5°	5399.9	5044.2	4656.6	4227.6	3751.1	3218.4	2665.5	2134.3	1679.3	1325.1	1029.8
5°	5435.2	5079.3	4692.3	4263.6	3788.2	3253.6	2696.3	2158.1	1695.6	1337.0	1038.0
2.5°	5456.5	5100.5	4713.7	4285.4	3810.6	3274.7	2714.8	2172.3	1705.4	1344.2	1043.0
0°	5463.6	5107.6	4720.9	4292.6	3818.0	3281.8	2721.0	2177.1	1708.7	1346.6	1044.6
-2.5°	5456.5	5100.5	4713.7	4285.4	3810.6	3274.7	2714.8	2172.3	1705.4	1344.2	1043.0
-5°	5435.2	5079.3	4692.3	4263.6	3788.2	3253.6	2696.3	2158.1	1695.6	1337.0	1038.0
-7.5°	5399.9	5044.2	4656.6	4227.6	3751.1	3218.4	2665.5	2134.3	1679.3	1325.1	1029.8
-10°	5350.7	4995.2	4607.0	4177.3	3699.4	3169.3	2622.6	2101.2	1656.5	1308.4	1018.4
-12.5°	5288.1	4932.8	4543.6	4113.1	3633.3	3106.6	2567.7	2058.7	1627.4	1287.0	1003.7
-15°	5212.4	4857.1	4466.7	4035.2	3553.0	3030.4	2500.9	2007.2	1591.9	1261.0	985.9
-17.5°	5124.0	4768.8	4376.9	3944.0	3458.9	2940.9	2422.5	1946.6	1550.2	1230.4	964.9
-20°	5016.1	4662.4	4272.3	3839.8	3351.4	2838.6	2332.7	1877.1	1502.4	1195.3	940.8



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	4894.3	4537.8	4145.2	3710.7	3228.4	2723.8	2231.9	1799.1	1448.7	1155.8	913.7
-25°	4760.4	4400.7	4005.1	3565.2	3089.1	2600.5	2128.2	1712.6	1389.1	1112.0	883.6
-27.5°	4603.8	4247.3	3852.6	3406.6	2937.0	2466.0	2023.1	1638.6	1327.6	1064.0	850.7
-30°	4431.1	4069.7	3671.4	3233.3	2772.7	2320.5	1909.4	1559.4	1268.6	1018.8	814.9
-32.5°	4242.4	3880.3	3473.2	3041.9	2600.5	2166.2	1787.3	1474.2	1205.2	974.4	783.4
-35°	4027.1	3661.9	3262.0	2838.6	2419.1	2023.1	1668.8	1383.4	1137.5	927.1	752.0
-37.5°	3798.8	3423.6	3030.4	2627.0	2227.4	1871.8	1562.3	1297.1	1065.6	876.9	718.7
-40°	3532.1	3169.3	2787.6	2408.7	2046.9	1712.6	1450.2	1212.5	1001.3	823.8	683.5
-42.5°	3253.6	2897.9	2540.1	2180.8	1865.5	1582.9	1334.9	1123.7	938.4	777.1	646.5
-45°	2953.4	2619.6	2285.2	1976.1	1684.0	1448.7	1232.7	1033.9	872.7	732.7	609.7
-47.5°	2646.3	2337.7	2043.1	1764.8	1532.6	1315.5	1126.4	957.7	804.6	686.5	574.1
-50°	2337.7	2065.5	1809.1	1583.4	1376.2	1195.3	1022.2	878.7	750.5	638.5	537.2
-52.5°	2043.1	1809.1	1600.4	1409.8	1236.9	1071.3	932.4	799.1	694.7	593.1	498.9
-55°	1764.8	1583.4	1409.8	1250.9	1098.9	964.9	840.0	735.1	637.1	548.0	459.2
-57.5°	1532.6	1376.2	1236.9	1098.9	975.8	861.6	759.6	669.4	583.3	501.6	416.6
-60°	1315.5	1195.3	1071.3	964.9	861.6	767.8	685.7	604.7	529.9	453.5	372.9
-62.5°	1126.4	1022.2	932.4	840.0	759.6	685.7	611.9	544.1	475.2	402.4	328.1
-65°	957.7	878.7	799.1	735.1	669.4	604.7	544.1	482.3	417.2	350.3	283.7
-67.5°	804.6	750.5	694.7	637.1	583.3	529.9	475.2	417.2	357.7	297.2	241.4
-70°	686.5	638.5	593.1	548.0	501.6	453.5	402.4	350.3	297.2	248.1	198.4
-72.5°	574.1	537.2	498.9	459.2	416.6	372.9	328.1	283.7	241.4	198.4	154.8
-75°	468.3	435.3	401.0	365.5	329.0	291.9	257.0	221.4	185.0	148.1	120.8
-77.5°	356.8	329.2	300.6	273.3	245.7	217.3	188.2	158.4	132.9	111.7	90.1
-80°	249.3	229.2	208.5	187.0	164.9	142.5	126.5	110.1	93.4	76.4	59.2
-82.5°	146.9	135.5	124.7	113.7	102.3	90.6	78.5	66.3	53.7	41.0	34.6
-85°	75.2	68.3	61.2	53.8	46.2	38.5	35.5	32.5	29.4	26.3	23.1
-87.5°	26.0	24.7	23.4	22.1	20.7	19.2	17.8	16.3	14.7	13.2	11.6
-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°	10.0	8.3	6.7	5.0	3.4	1.7	0.0
85°	19.9	16.6	13.4	10.0	6.7	3.4	0.0
82.5°	29.8	24.9	20.0	15.0	10.0	5.0	0.0
80°	41.7	33.2	26.6	20.0	13.4	6.7	0.0
77.5°	68.3	46.3	33.2	24.9	16.6	8.3	0.0
75°	94.7	68.3	41.7	29.8	19.9	10.0	0.0
72.5°	120.8	90.1	59.2	34.6	23.1	11.6	0.0
70°	148.1	111.7	76.4	41.0	26.3	13.2	0.0
67.5°	185.0	132.9	93.4	53.7	29.4	14.7	0.0
65°	221.4	158.4	110.1	66.3	32.5	16.3	0.0
62.5°	257.0	188.2	126.5	78.5	35.5	17.8	0.0
60°	291.9	217.3	142.5	90.6	38.5	19.2	0.0
57.5°	329.0	245.7	164.9	102.3	46.2	20.7	0.0
55°	365.5	273.3	187.0	113.7	53.8	22.1	0.0
52.5°	401.0	300.6	208.5	124.7	61.2	23.4	0.0
50°	435.3	329.2	229.2	135.5	68.3	24.7	0.0
47.5°	468.3	356.8	249.3	146.9	75.2	26.0	0.0
45°	498.7	383.4	268.5	161.3	81.8	27.2	0.0
42.5°	527.9	408.8	287.0	175.2	88.1	28.4	0.0
40°	555.8	433.1	305.5	188.4	94.2	29.5	0.0
37.5°	582.3	456.2	323.9	200.9	99.9	30.5	0.0
35°	607.4	477.4	341.3	212.7	105.3	31.5	0.0
32.5°	631.9	497.0	357.7	223.8	110.4	32.5	0.0
30°	656.9	515.3	373.0	234.2	115.2	33.3	0.0
27.5°	680.1	532.3	387.2	243.9	119.6	34.1	0.0
25°	701.5	547.9	400.3	252.7	123.6	34.9	0.0
22.5°	721.0	562.2	412.2	260.8	127.3	35.6	0.0
20°	738.6	575.0	422.9	268.1	130.6	36.2	0.0
17.5°	754.2	586.4	432.4	274.5	133.6	36.7	0.0
15°	767.8	596.3	440.7	280.1	136.1	37.2	0.0
12.5°	779.4	604.7	447.7	284.9	138.3	37.6	0.0
10°	788.8	611.6	453.5	288.8	140.1	37.9	0.0
7.5°	796.3	617.0	458.0	291.9	141.5	38.2	0.0
5°	801.6	620.9	461.2	294.0	142.5	38.4	0.0
2.5°	804.7	623.2	463.2	295.4	143.1	38.5	0.0
0°	805.8	624.0	463.8	295.8	143.3	38.5	0.0
-2.5°	804.7	623.2	463.2	295.4	143.1	38.5	0.0
-5°	801.6	620.9	461.2	294.0	142.5	38.4	0.0
-7.5°	796.3	617.0	458.0	291.9	141.5	38.2	0.0
-10°	788.8	611.6	453.5	288.8	140.1	37.9	0.0
-12.5°	779.4	604.7	447.7	284.9	138.3	37.6	0.0
-15°	767.8	596.3	440.7	280.1	136.1	37.2	0.0
-17.5°	754.2	586.4	432.4	274.5	133.6	36.7	0.0
-20°	738.6	575.0	422.9	268.1	130.6	36.2	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	721.0	562.2	412.2	260.8	127.3	35.6	0.0
-25°	701.5	547.9	400.3	252.7	123.6	34.9	0.0
-27.5°	680.1	532.3	387.2	243.9	119.6	34.1	0.0
-30°	656.9	515.3	373.0	234.2	115.2	33.3	0.0
-32.5°	631.9	497.0	357.7	223.8	110.4	32.5	0.0
-35°	607.4	477.4	341.3	212.7	105.3	31.5	0.0
-37.5°	582.3	456.2	323.9	200.9	99.9	30.5	0.0
-40°	555.8	433.1	305.5	188.4	94.2	29.5	0.0
-42.5°	527.9	408.8	287.0	175.2	88.1	28.4	0.0
-45°	498.7	383.4	268.5	161.3	81.8	27.2	0.0
-47.5°	468.3	356.8	249.3	146.9	75.2	26.0	0.0
-50°	435.3	329.2	229.2	135.5	68.3	24.7	0.0
-52.5°	401.0	300.6	208.5	124.7	61.2	23.4	0.0
-55°	365.5	273.3	187.0	113.7	53.8	22.1	0.0
-57.5°	329.0	245.7	164.9	102.3	46.2	20.7	0.0
-60°	291.9	217.3	142.5	90.6	38.5	19.2	0.0
-62.5°	257.0	188.2	126.5	78.5	35.5	17.8	0.0
-65°	221.4	158.4	110.1	66.3	32.5	16.3	0.0
-67.5°	185.0	132.9	93.4	53.7	29.4	14.7	0.0
-70°	148.1	111.7	76.4	41.0	26.3	13.2	0.0
-72.5°	120.8	90.1	59.2	34.6	23.1	11.6	0.0
-75°	94.7	68.3	41.7	29.8	19.9	10.0	0.0
-77.5°	68.3	46.3	33.2	24.9	16.6	8.3	0.0
-80°	41.7	33.2	26.6	20.0	13.4	6.7	0.0
-82.5°	29.8	24.9	20.0	15.0	10.0	5.0	0.0
-85°	19.9	16.6	13.4	10.0	6.7	3.4	0.0
-87.5°	10.0	8.3	6.7	5.0	3.4	1.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)