

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: P645558 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA6B-750-U-LAM-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645558 (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-SA6B-750-U-LAM-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, LAMBERTIAN
Light Source: (96) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

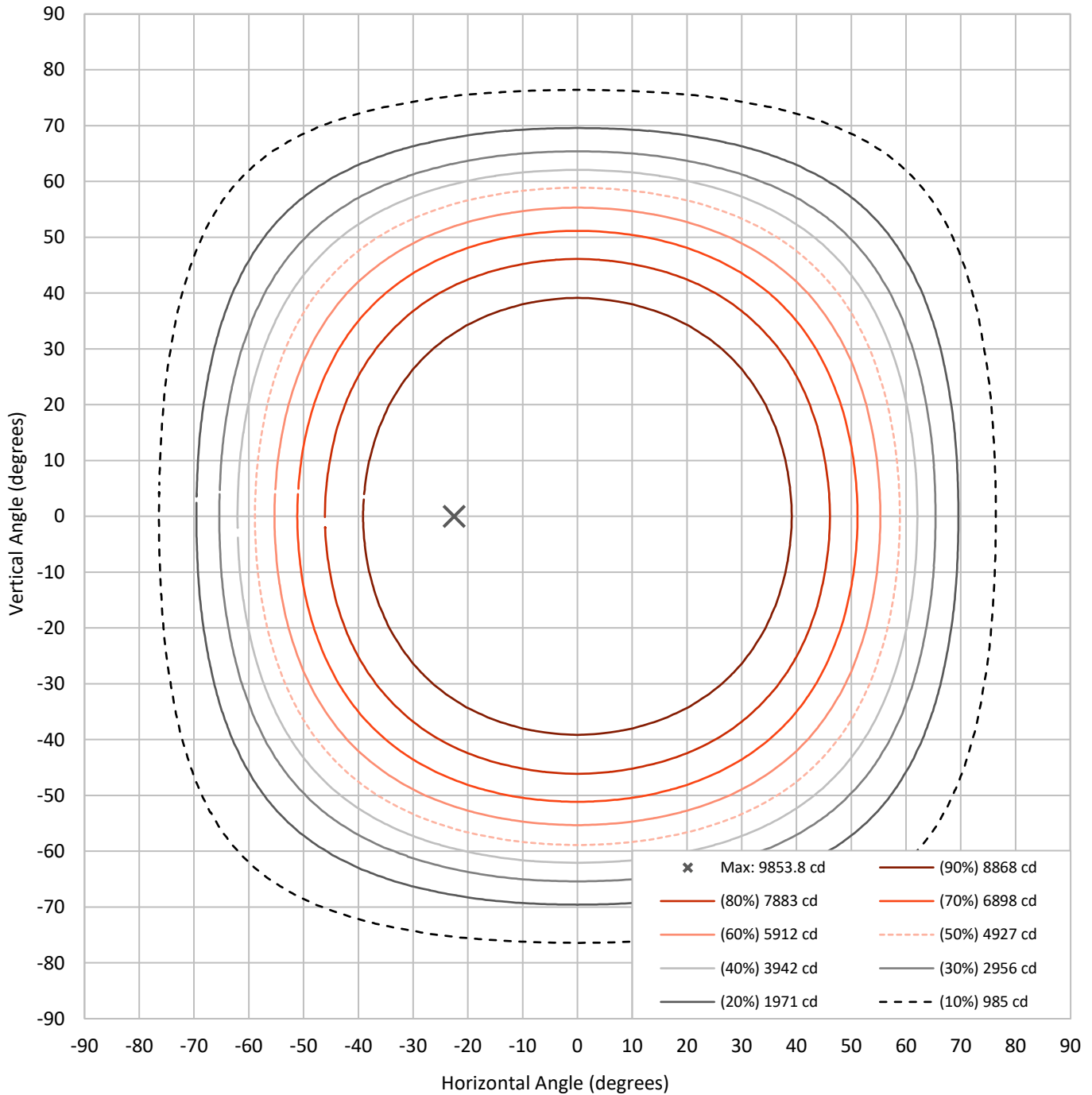
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	30143.3 lumens	Max Intensity:	9853.8 candela
Efficiency:	N/A	Max Intensity Angle:	-22.5°H x 0°V
Efficacy:	158.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	117.8°H x 112°V	Field Angle (10%):	152.8°H x 150.5°V
Beam Lumens:	25085.8 lumens	Field Lumens:	29550.5 lumens
Beam Efficiency:	83.2%	Field Efficiency:	98.0%
Input Watts (W):	190.6		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





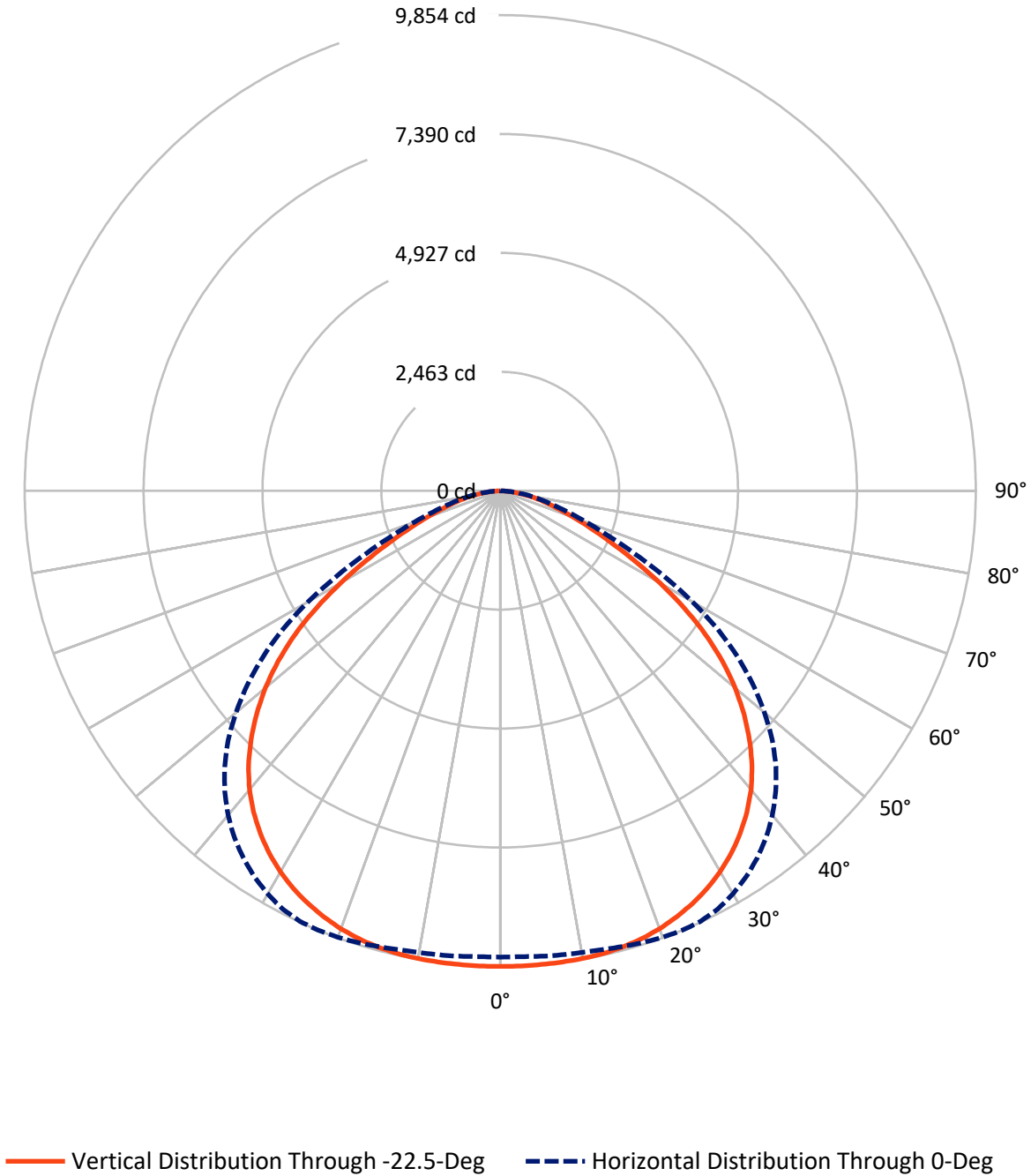
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Lumen Table

90																		
80	1.5	15.6	44.2	73.5	86.0	73.5	44.2	15.6	1.5									
70																		
60	7.4	8.8	18.3	32.0	49.5	68.4	84.5	93.5	93.5	84.5	68.4	49.5	32.0	18.3	8.8	7.4		
50																		
40	14.1	13.6	31.3	60.6	99.0	136.3	164.1	178.9	178.9	164.1	136.3	99.0	60.6	31.3	13.6	14.1		
30																		
20	19.3	19.4	49.4	98.5	151.0	195.0	226.0	241.9	241.9	226.0	195.0	151.0	98.5	49.4	19.4	19.3		
10																		
0	21.3	26.1	69.9	130.6	187.7	233.4	264.1	279.3	279.3	264.1	233.4	187.7	130.6	69.9	26.1	21.3		
-10																		
-20	19.3	32.6	87.0	152.5	211.1	255.6	283.9	296.5	296.5	283.9	255.6	211.1	152.5	87.0	32.6	19.3		
-30																		
-40	14.1	37.9	98.3	165.9	224.1	266.4	288.9	296.7	296.7	288.9	266.4	224.1	165.9	98.3	37.9	14.1		
-50																		
-60	7.4	40.7	103.8	172.2	229.9	269.8	287.7	293.9	293.9	287.7	269.8	229.9	172.2	103.8	40.7	7.4		
-70																		
-80	1.5	40.7	103.8	172.2	229.9	269.8	287.7	293.9	293.9	287.7	269.8	229.9	172.2	103.8	40.7	1.5		
-90																		

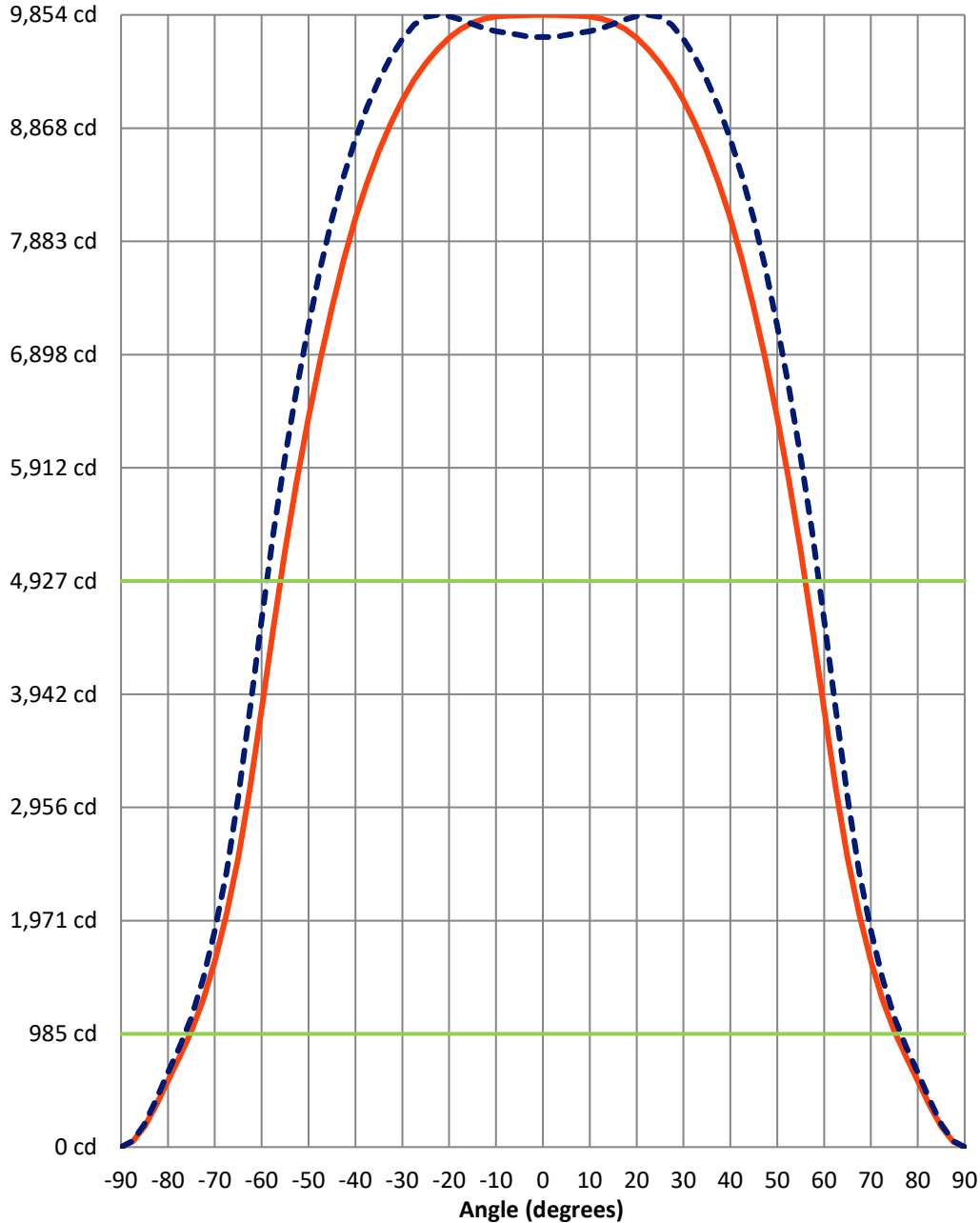
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 117.8°
 V Angle: 112°
 Lumens: 25085.8
 Efficiency: 83.2%

Field:
 H Angle: 152.8°
 V Angle: 150.5°
 Lumens: 29550.5
 Efficiency: 98.0%

Spill:
 Lumens: 592.8
 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	2.4	4.7	7.0	9.4	11.7	13.9	16.2	18.4	20.6	22.8
85°	0.0	4.7	9.4	14.1	18.7	23.3	27.9	32.4	36.8	41.2	45.5
82.5°	0.0	7.0	14.1	21.0	28.0	34.9	41.7	48.5	57.3	75.2	92.7
80°	0.0	9.4	18.7	28.0	37.3	46.4	58.4	82.8	107.0	130.7	154.1
77.5°	0.0	11.7	23.3	34.9	46.4	64.8	95.6	126.1	156.2	185.9	221.7
75°	0.0	13.9	27.9	41.7	58.4	95.6	132.5	169.1	207.2	258.9	309.8
72.5°	0.0	16.2	32.4	48.5	82.8	126.1	169.1	216.6	277.6	337.8	397.0
70°	0.0	18.4	36.8	57.3	107.0	156.2	207.2	277.6	347.2	416.0	490.2
67.5°	0.0	20.6	41.2	75.2	130.7	185.9	258.9	337.8	416.0	500.6	583.9
65°	0.0	22.8	45.5	92.7	154.1	221.7	309.8	397.0	490.2	583.9	674.9
62.5°	0.0	24.9	49.7	109.9	177.0	263.3	359.7	459.2	563.1	665.0	761.4
60°	0.0	26.9	53.8	126.7	199.4	304.1	408.5	521.9	634.6	741.5	846.3
57.5°	0.0	29.0	64.7	143.1	230.7	343.8	460.4	583.0	701.9	816.4	936.9
55°	0.0	30.9	75.3	159.1	261.7	382.5	511.5	642.6	766.8	891.6	1028.8
52.5°	0.0	32.8	85.6	174.6	291.7	420.7	561.1	698.2	830.0	972.2	1118.4
50°	0.0	34.6	95.6	189.5	320.8	460.7	609.2	751.7	893.7	1050.4	1229.7
47.5°	0.0	36.4	105.2	205.5	348.9	499.4	655.3	803.4	960.8	1126.0	1340.2
45°	0.0	38.1	114.5	225.8	375.8	536.5	697.9	853.3	1025.5	1221.3	1446.9
42.5°	0.0	39.7	123.3	245.1	401.7	572.1	738.8	904.8	1087.6	1313.3	1572.6
40°	0.0	41.3	131.8	263.6	427.6	606.1	777.8	956.5	1153.0	1401.3	1696.8
37.5°	0.0	42.8	139.8	281.1	453.3	638.4	814.9	1005.8	1227.2	1491.3	1815.2
35°	0.0	44.1	147.4	297.7	477.7	668.1	850.0	1052.4	1297.5	1591.9	1936.1
32.5°	0.0	45.5	154.5	313.2	500.6	695.5	884.3	1096.3	1363.7	1686.6	2063.1
30°	0.0	46.7	161.1	327.8	522.0	721.1	919.4	1140.4	1425.7	1775.4	2182.2
27.5°	0.0	47.8	167.3	341.3	541.9	744.9	951.9	1190.5	1489.0	1858.0	2293.1
25°	0.0	48.8	173.0	353.7	560.1	766.8	981.8	1236.6	1556.2	1944.0	2396.7
22.5°	0.0	49.8	178.1	365.0	576.8	786.7	1009.1	1278.7	1617.5	2027.4	2517.7
20°	0.0	50.6	182.8	375.2	591.8	804.7	1033.7	1316.7	1672.7	2102.6	2626.9
17.5°	0.0	51.4	186.9	384.2	605.1	820.6	1055.5	1350.4	1721.8	2169.4	2724.1
15°	0.0	52.1	190.5	392.1	616.7	834.5	1074.5	1379.7	1764.7	2227.8	2808.9
12.5°	0.0	52.6	193.5	398.7	626.5	846.3	1090.7	1404.7	1801.1	2277.4	2881.1
10°	0.0	53.1	196.0	404.2	634.6	856.0	1104.0	1425.2	1831.0	2318.2	2940.4
7.5°	0.0	53.4	198.0	408.5	640.9	863.6	1114.3	1441.2	1854.4	2350.1	2986.8
5°	0.0	53.7	199.4	411.5	645.4	869.0	1121.8	1452.7	1871.1	2372.9	3020.1
2.5°	0.0	53.8	200.2	413.4	648.1	872.2	1126.2	1459.6	1881.1	2386.6	3040.0
0°	0.0	53.9	200.5	414.0	649.0	873.3	1127.7	1461.9	1884.5	2391.2	3046.7
-2.5°	0.0	53.8	200.2	413.4	648.1	872.2	1126.2	1459.6	1881.1	2386.6	3040.0
-5°	0.0	53.7	199.4	411.5	645.4	869.0	1121.8	1452.7	1871.1	2372.9	3020.1
-7.5°	0.0	53.4	198.0	408.5	640.9	863.6	1114.3	1441.2	1854.4	2350.1	2986.8
-10°	0.0	53.1	196.0	404.2	634.6	856.0	1104.0	1425.2	1831.0	2318.2	2940.4
-12.5°	0.0	52.6	193.5	398.7	626.5	846.3	1090.7	1404.7	1801.1	2277.4	2881.1
-15°	0.0	52.1	190.5	392.1	616.7	834.5	1074.5	1379.7	1764.7	2227.8	2808.9
-17.5°	0.0	51.4	186.9	384.2	605.1	820.6	1055.5	1350.4	1721.8	2169.4	2724.1
-20°	0.0	50.6	182.8	375.2	591.8	804.7	1033.7	1316.7	1672.7	2102.6	2626.9

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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	49.8	178.1	365.0	576.8	786.7	1009.1	1278.7	1617.5	2027.4	2517.7
-25°	0.0	48.8	173.0	353.7	560.1	766.8	981.8	1236.6	1556.2	1944.0	2396.7
-27.5°	0.0	47.8	167.3	341.3	541.9	744.9	951.9	1190.5	1489.0	1858.0	2293.1
-30°	0.0	46.7	161.1	327.8	522.0	721.1	919.4	1140.4	1425.7	1775.4	2182.2
-32.5°	0.0	45.5	154.5	313.2	500.6	695.5	884.3	1096.3	1363.7	1686.6	2063.1
-35°	0.0	44.1	147.4	297.7	477.7	668.1	850.0	1052.4	1297.5	1591.9	1936.1
-37.5°	0.0	42.8	139.8	281.1	453.3	638.4	814.9	1005.8	1227.2	1491.3	1815.2
-40°	0.0	41.3	131.8	263.6	427.6	606.1	777.8	956.5	1153.0	1401.3	1696.8
-42.5°	0.0	39.7	123.3	245.1	401.7	572.1	738.8	904.8	1087.6	1313.3	1572.6
-45°	0.0	38.1	114.5	225.8	375.8	536.5	697.9	853.3	1025.5	1221.3	1446.9
-47.5°	0.0	36.4	105.2	205.5	348.9	499.4	655.3	803.4	960.8	1126.0	1340.2
-50°	0.0	34.6	95.6	189.5	320.8	460.7	609.2	751.7	893.7	1050.4	1229.7
-52.5°	0.0	32.8	85.6	174.6	291.7	420.7	561.1	698.2	830.0	972.2	1118.4
-55°	0.0	30.9	75.3	159.1	261.7	382.5	511.5	642.6	766.8	891.6	1028.8
-57.5°	0.0	29.0	64.7	143.1	230.7	343.8	460.4	583.0	701.9	816.4	936.9
-60°	0.0	26.9	53.8	126.7	199.4	304.1	408.5	521.9	634.6	741.5	846.3
-62.5°	0.0	24.9	49.7	109.9	177.0	263.3	359.7	459.2	563.1	665.0	761.4
-65°	0.0	22.8	45.5	92.7	154.1	221.7	309.8	397.0	490.2	583.9	674.9
-67.5°	0.0	20.6	41.2	75.2	130.7	185.9	258.9	337.8	416.0	500.6	583.9
-70°	0.0	18.4	36.8	57.3	107.0	156.2	207.2	277.6	347.2	416.0	490.2
-72.5°	0.0	16.2	32.4	48.5	82.8	126.1	169.1	216.6	277.6	337.8	397.0
-75°	0.0	13.9	27.9	41.7	58.4	95.6	132.5	169.1	207.2	258.9	309.8
-77.5°	0.0	11.7	23.3	34.9	46.4	64.8	95.6	126.1	156.2	185.9	221.7
-80°	0.0	9.4	18.7	28.0	37.3	46.4	58.4	82.8	107.0	130.7	154.1
-82.5°	0.0	7.0	14.1	21.0	28.0	34.9	41.7	48.5	57.3	75.2	92.7
-85°	0.0	4.7	9.4	14.1	18.7	23.3	27.9	32.4	36.8	41.2	45.5
-87.5°	0.0	2.4	4.7	7.0	9.4	11.7	13.9	16.2	18.4	20.6	22.8
-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°	24.9	26.9	29.0	30.9	32.8	34.6	36.4	38.1	39.7	41.3	42.8
85°	49.7	53.8	64.7	75.3	85.6	95.6	105.2	114.5	123.3	131.8	139.8
82.5°	109.9	126.7	143.1	159.1	174.6	189.5	205.5	225.8	245.1	263.6	281.1
80°	177.0	199.4	230.7	261.7	291.7	320.8	348.9	375.8	401.7	427.6	453.3
77.5°	263.3	304.1	343.8	382.5	420.7	460.7	499.4	536.5	572.1	606.1	638.4
75°	359.7	408.5	460.4	511.5	561.1	609.2	655.3	697.9	738.8	777.8	814.9
72.5°	459.2	521.9	583.0	642.6	698.2	751.7	803.4	853.3	904.8	956.5	1005.8
70°	563.1	634.6	701.9	766.8	830.0	893.7	960.8	1025.5	1087.6	1153.0	1227.2
67.5°	665.0	741.5	816.4	891.6	972.2	1050.4	1126.0	1221.3	1313.3	1401.3	1491.3
65°	761.4	846.3	936.9	1028.8	1118.4	1229.7	1340.2	1446.9	1572.6	1696.8	1815.2
62.5°	856.3	959.6	1063.1	1175.5	1304.9	1430.6	1576.3	1725.1	1868.2	2029.4	2186.4
60°	959.6	1074.5	1205.8	1350.4	1499.2	1672.7	1841.0	2027.4	2215.2	2396.7	2619.5
57.5°	1063.1	1205.8	1365.6	1537.9	1731.0	1925.9	2144.8	2356.6	2610.7	2864.5	3117.0
55°	1175.5	1350.4	1537.9	1750.5	1973.0	2215.8	2469.6	2765.5	3051.8	3370.8	3676.3
52.5°	1304.9	1499.2	1731.0	1973.0	2239.6	2531.7	2859.2	3197.9	3554.6	3901.0	4240.8
50°	1430.6	1672.7	1925.9	2215.8	2531.7	2890.6	3271.5	3665.9	4055.4	4435.3	4791.1
47.5°	1576.3	1841.0	2144.8	2469.6	2859.2	3271.5	3703.2	4133.1	4553.2	4942.9	5316.1
45°	1725.1	2027.4	2356.6	2765.5	3197.9	3665.9	4133.1	4592.7	5019.4	5422.1	5774.4
42.5°	1868.2	2215.2	2610.7	3051.8	3554.6	4055.4	4553.2	5019.4	5456.6	5844.4	6198.3
40°	2029.4	2396.7	2864.5	3370.8	3901.0	4435.3	4942.9	5422.1	5844.4	6230.6	6589.0
37.5°	2186.4	2619.5	3117.0	3676.3	4240.8	4791.1	5316.1	5774.4	6198.3	6589.0	6932.7
35°	2335.4	2831.2	3385.3	3972.4	4565.0	5124.5	5635.6	6102.1	6523.3	6902.4	7253.8
32.5°	2501.2	3031.4	3639.2	4256.9	4860.5	5430.2	5936.8	6393.2	6812.0	7196.9	7545.8
30°	2672.0	3247.3	3880.2	4524.9	5137.9	5695.2	6201.0	6663.2	7078.6	7458.7	7800.8
27.5°	2831.2	3450.9	4110.1	4767.3	5391.4	5943.7	6442.7	6897.7	7315.5	7698.2	8029.8
25°	2978.3	3639.2	4323.0	4989.2	5604.8	6158.4	6661.9	7116.6	7531.9	7899.3	8221.5
22.5°	3123.4	3811.7	4518.0	5192.9	5800.8	6350.3	6849.2	7305.1	7720.7	8084.6	8393.8
20°	3264.5	3972.4	4690.1	5373.4	5978.7	6524.7	7019.8	7474.7	7879.3	8231.6	8539.4
17.5°	3390.1	4115.6	4840.6	5519.2	6125.0	6673.6	7170.7	7627.1	8022.0	8364.2	8665.2
15°	3499.8	4240.8	4972.2	5646.9	6250.9	6797.3	7294.3	7745.8	8138.0	8477.4	8776.2
12.5°	3593.2	4347.5	5084.6	5755.9	6358.4	6903.1	7400.3	7845.5	8231.1	8566.1	8858.5
10°	3670.1	4435.3	5177.1	5845.8	6447.1	6990.5	7487.9	7928.0	8308.3	8639.8	8927.0
7.5°	3730.2	4504.0	5249.4	5916.1	6516.6	7059.0	7556.6	7992.9	8369.0	8697.9	8981.1
5°	3773.3	4553.2	5301.3	5966.6	6566.5	7108.2	7606.1	8039.6	8412.7	8739.7	9020.2
2.5°	3799.2	4582.8	5332.6	5997.0	6596.6	7137.9	7635.8	8067.7	8439.1	8765.0	9043.8
0°	3807.8	4592.7	5343.0	6007.1	6606.6	7147.8	7645.8	8077.1	8447.9	8773.5	9051.7
-2.5°	3799.2	4582.8	5332.6	5997.0	6596.6	7137.9	7635.8	8067.7	8439.1	8765.0	9043.8
-5°	3773.3	4553.2	5301.3	5966.6	6566.5	7108.2	7606.1	8039.6	8412.7	8739.7	9020.2
-7.5°	3730.2	4504.0	5249.4	5916.1	6516.6	7059.0	7556.6	7992.9	8369.0	8697.9	8981.1
-10°	3670.1	4435.3	5177.1	5845.8	6447.1	6990.5	7487.9	7928.0	8308.3	8639.8	8927.0
-12.5°	3593.2	4347.5	5084.6	5755.9	6358.4	6903.1	7400.3	7845.5	8231.1	8566.1	8858.5
-15°	3499.8	4240.8	4972.2	5646.9	6250.9	6797.3	7294.3	7745.8	8138.0	8477.4	8776.2
-17.5°	3390.1	4115.6	4840.6	5519.2	6125.0	6673.6	7170.7	7627.1	8022.0	8364.2	8665.2
-20°	3264.5	3972.4	4690.1	5373.4	5978.7	6524.7	7019.8	7474.7	7879.3	8231.6	8539.4



REPORT NUMBER: P645558 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-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°	3123.4	3811.7	4518.0	5192.9	5800.8	6350.3	6849.2	7305.1	7720.7	8084.6	8393.8
-25°	2978.3	3639.2	4323.0	4989.2	5604.8	6158.4	6661.9	7116.6	7531.9	7899.3	8221.5
-27.5°	2831.2	3450.9	4110.1	4767.3	5391.4	5943.7	6442.7	6897.7	7315.5	7698.2	8029.8
-30°	2672.0	3247.3	3880.2	4524.9	5137.9	5695.2	6201.0	6663.2	7078.6	7458.7	7800.8
-32.5°	2501.2	3031.4	3639.2	4256.9	4860.5	5430.2	5936.8	6393.2	6812.0	7196.9	7545.8
-35°	2335.4	2831.2	3385.3	3972.4	4565.0	5124.5	5635.6	6102.1	6523.3	6902.4	7253.8
-37.5°	2186.4	2619.5	3117.0	3676.3	4240.8	4791.1	5316.1	5774.4	6198.3	6589.0	6932.7
-40°	2029.4	2396.7	2864.5	3370.8	3901.0	4435.3	4942.9	5422.1	5844.4	6230.6	6589.0
-42.5°	1868.2	2215.2	2610.7	3051.8	3554.6	4055.4	4553.2	5019.4	5456.6	5844.4	6198.3
-45°	1725.1	2027.4	2356.6	2765.5	3197.9	3665.9	4133.1	4592.7	5019.4	5422.1	5774.4
-47.5°	1576.3	1841.0	2144.8	2469.6	2859.2	3271.5	3703.2	4133.1	4553.2	4942.9	5316.1
-50°	1430.6	1672.7	1925.9	2215.8	2531.7	2890.6	3271.5	3665.9	4055.4	4435.3	4791.1
-52.5°	1304.9	1499.2	1731.0	1973.0	2239.6	2531.7	2859.2	3197.9	3554.6	3901.0	4240.8
-55°	1175.5	1350.4	1537.9	1750.5	1973.0	2215.8	2469.6	2765.5	3051.8	3370.8	3676.3
-57.5°	1063.1	1205.8	1365.6	1537.9	1731.0	1925.9	2144.8	2356.6	2610.7	2864.5	3117.0
-60°	959.6	1074.5	1205.8	1350.4	1499.2	1672.7	1841.0	2027.4	2215.2	2396.7	2619.5
-62.5°	856.3	959.6	1063.1	1175.5	1304.9	1430.6	1576.3	1725.1	1868.2	2029.4	2186.4
-65°	761.4	846.3	936.9	1028.8	1118.4	1229.7	1340.2	1446.9	1572.6	1696.8	1815.2
-67.5°	665.0	741.5	816.4	891.6	972.2	1050.4	1126.0	1221.3	1313.3	1401.3	1491.3
-70°	563.1	634.6	701.9	766.8	830.0	893.7	960.8	1025.5	1087.6	1153.0	1227.2
-72.5°	459.2	521.9	583.0	642.6	698.2	751.7	803.4	853.3	904.8	956.5	1005.8
-75°	359.7	408.5	460.4	511.5	561.1	609.2	655.3	697.9	738.8	777.8	814.9
-77.5°	263.3	304.1	343.8	382.5	420.7	460.7	499.4	536.5	572.1	606.1	638.4
-80°	177.0	199.4	230.7	261.7	291.7	320.8	348.9	375.8	401.7	427.6	453.3
-82.5°	109.9	126.7	143.1	159.1	174.6	189.5	205.5	225.8	245.1	263.6	281.1
-85°	49.7	53.8	64.7	75.3	85.6	95.6	105.2	114.5	123.3	131.8	139.8
-87.5°	24.9	26.9	29.0	30.9	32.8	34.6	36.4	38.1	39.7	41.3	42.8
-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: P645558 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-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°	44.1	45.5	46.7	47.8	48.8	49.8	50.6	51.4	52.1	52.6	53.1
85°	147.4	154.5	161.1	167.3	173.0	178.1	182.8	186.9	190.5	193.5	196.0
82.5°	297.7	313.2	327.8	341.3	353.7	365.0	375.2	384.2	392.1	398.7	404.2
80°	477.7	500.6	522.0	541.9	560.1	576.8	591.8	605.1	616.7	626.5	634.6
77.5°	668.1	695.5	721.1	744.9	766.8	786.7	804.7	820.6	834.5	846.3	856.0
75°	850.0	884.3	919.4	951.9	981.8	1009.1	1033.7	1055.5	1074.5	1090.7	1104.0
72.5°	1052.4	1096.3	1140.4	1190.5	1236.6	1278.7	1316.7	1350.4	1379.7	1404.7	1425.2
70°	1297.5	1363.7	1425.7	1489.0	1556.2	1617.5	1672.7	1721.8	1764.7	1801.1	1831.0
67.5°	1591.9	1686.6	1775.4	1858.0	1944.0	2027.4	2102.6	2169.4	2227.8	2277.4	2318.2
65°	1936.1	2063.1	2182.2	2293.1	2396.7	2517.7	2626.9	2724.1	2808.9	2881.1	2940.4
62.5°	2335.4	2501.2	2672.0	2831.2	2978.3	3123.4	3264.5	3390.1	3499.8	3593.2	3670.1
60°	2831.2	3031.4	3247.3	3450.9	3639.2	3811.7	3972.4	4115.6	4240.8	4347.5	4435.3
57.5°	3385.3	3639.2	3880.2	4110.1	4323.0	4518.0	4690.1	4840.6	4972.2	5084.6	5177.1
55°	3972.4	4256.9	4524.9	4767.3	4989.2	5192.9	5373.4	5519.2	5646.9	5755.9	5845.8
52.5°	4565.0	4860.5	5137.9	5391.4	5604.8	5800.8	5978.7	6125.0	6250.9	6358.4	6447.1
50°	5124.5	5430.2	5695.2	5943.7	6158.4	6350.3	6524.7	6673.6	6797.3	6903.1	6990.5
47.5°	5635.6	5936.8	6201.0	6442.7	6661.9	6849.2	7019.8	7170.7	7294.3	7400.3	7487.9
45°	6102.1	6393.2	6663.2	6897.7	7116.6	7305.1	7474.7	7627.1	7745.8	7845.5	7928.0
42.5°	6523.3	6812.0	7078.6	7315.5	7531.9	7720.7	7879.3	8022.0	8138.0	8231.1	8308.3
40°	6902.4	7196.9	7458.7	7698.2	7899.3	8084.6	8231.6	8364.2	8477.4	8566.1	8639.8
37.5°	7253.8	7545.8	7800.8	8029.8	8221.5	8393.8	8539.4	8665.2	8776.2	8858.5	8927.0
35°	7575.1	7852.6	8104.8	8314.7	8504.8	8667.1	8810.4	8926.4	9029.6	9108.0	9170.5
32.5°	7852.6	8127.8	8361.8	8568.5	8754.1	8905.6	9043.1	9149.3	9242.9	9318.4	9376.4
30°	8104.8	8361.8	8589.9	8794.7	8963.8	9111.3	9235.0	9338.8	9425.3	9497.3	9548.3
27.5°	8314.7	8568.5	8794.7	8983.4	9145.3	9287.2	9400.5	9500.4	9576.0	9642.2	9686.1
25°	8504.8	8754.1	8963.8	9145.3	9302.3	9432.0	9539.8	9630.4	9697.3	9754.0	9786.7
22.5°	8667.1	8905.6	9111.3	9287.2	9432.0	9553.1	9654.8	9731.4	9786.2	9820.5	9839.8
20°	8810.4	9043.1	9235.0	9400.5	9539.8	9654.8	9743.0	9799.6	9837.8	9847.2	9852.8
17.5°	8926.4	9149.3	9338.8	9500.4	9630.4	9731.4	9799.6	9839.6	9851.1	9849.0	9843.3
15°	9029.6	9242.9	9425.3	9576.0	9697.3	9786.2	9837.8	9851.1	9847.7	9836.2	9818.4
12.5°	9108.0	9318.4	9497.3	9642.2	9754.0	9820.5	9847.2	9849.0	9836.2	9814.1	9788.9
10°	9170.5	9376.4	9548.3	9686.1	9786.7	9839.8	9852.8	9843.3	9818.4	9788.9	9760.9
7.5°	9219.9	9422.5	9589.0	9721.1	9808.0	9845.8	9848.6	9830.8	9800.9	9767.3	9737.1
5°	9255.6	9455.9	9618.5	9746.7	9823.7	9850.2	9845.6	9821.0	9786.3	9751.2	9723.6
2.5°	9277.3	9476.1	9636.5	9762.3	9833.3	9852.9	9843.6	9814.9	9777.1	9740.9	9714.6
0°	9284.5	9482.9	9642.5	9767.5	9836.5	9853.8	9843.0	9812.8	9774.0	9737.3	9711.5
-2.5°	9277.3	9476.1	9636.5	9762.3	9833.3	9852.9	9843.6	9814.9	9777.1	9740.9	9714.6
-5°	9255.6	9455.9	9618.5	9746.7	9823.7	9850.2	9845.6	9821.0	9786.3	9751.2	9723.6
-7.5°	9219.9	9422.5	9589.0	9721.1	9808.0	9845.8	9848.6	9830.8	9800.9	9767.3	9737.1
-10°	9170.5	9376.4	9548.3	9686.1	9786.7	9839.8	9852.8	9843.3	9818.4	9788.9	9760.9
-12.5°	9108.0	9318.4	9497.3	9642.2	9754.0	9820.5	9847.2	9849.0	9836.2	9814.1	9788.9
-15°	9029.6	9242.9	9425.3	9576.0	9697.3	9786.2	9837.8	9851.1	9847.7	9836.2	9818.4
-17.5°	8926.4	9149.3	9338.8	9500.4	9630.4	9731.4	9799.6	9839.6	9851.1	9849.0	9843.3
-20°	8810.4	9043.1	9235.0	9400.5	9539.8	9654.8	9743.0	9799.6	9837.8	9847.2	9852.8

Classified

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

Scaled Data Report



REPORT NUMBER: P645558 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6B-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°	8667.1	8905.6	9111.3	9287.2	9432.0	9553.1	9654.8	9731.4	9786.2	9820.5	9839.8
-25°	8504.8	8754.1	8963.8	9145.3	9302.3	9432.0	9539.8	9630.4	9697.3	9754.0	9786.7
-27.5°	8314.7	8568.5	8794.7	8983.4	9145.3	9287.2	9400.5	9500.4	9576.0	9642.2	9686.1
-30°	8104.8	8361.8	8589.9	8794.7	8963.8	9111.3	9235.0	9338.8	9425.3	9497.3	9548.3
-32.5°	7852.6	8127.8	8361.8	8568.5	8754.1	8905.6	9043.1	9149.3	9242.9	9318.4	9376.4
-35°	7575.1	7852.6	8104.8	8314.7	8504.8	8667.1	8810.4	8926.4	9029.6	9108.0	9170.5
-37.5°	7253.8	7545.8	7800.8	8029.8	8221.5	8393.8	8539.4	8665.2	8776.2	8858.5	8927.0
-40°	6902.4	7196.9	7458.7	7698.2	7899.3	8084.6	8231.6	8364.2	8477.4	8566.1	8639.8
-42.5°	6523.3	6812.0	7078.6	7315.5	7531.9	7720.7	7879.3	8022.0	8138.0	8231.1	8308.3
-45°	6102.1	6393.2	6663.2	6897.7	7116.6	7305.1	7474.7	7627.1	7745.8	7845.5	7928.0
-47.5°	5635.6	5936.8	6201.0	6442.7	6661.9	6849.2	7019.8	7170.7	7294.3	7400.3	7487.9
-50°	5124.5	5430.2	5695.2	5943.7	6158.4	6350.3	6524.7	6673.6	6797.3	6903.1	6990.5
-52.5°	4565.0	4860.5	5137.9	5391.4	5604.8	5800.8	5978.7	6125.0	6250.9	6358.4	6447.1
-55°	3972.4	4256.9	4524.9	4767.3	4989.2	5192.9	5373.4	5519.2	5646.9	5755.9	5845.8
-57.5°	3385.3	3639.2	3880.2	4110.1	4323.0	4518.0	4690.1	4840.6	4972.2	5084.6	5177.1
-60°	2831.2	3031.4	3247.3	3450.9	3639.2	3811.7	3972.4	4115.6	4240.8	4347.5	4435.3
-62.5°	2335.4	2501.2	2672.0	2831.2	2978.3	3123.4	3264.5	3390.1	3499.8	3593.2	3670.1
-65°	1936.1	2063.1	2182.2	2293.1	2396.7	2517.7	2626.9	2724.1	2808.9	2881.1	2940.4
-67.5°	1591.9	1686.6	1775.4	1858.0	1944.0	2027.4	2102.6	2169.4	2227.8	2277.4	2318.2
-70°	1297.5	1363.7	1425.7	1489.0	1556.2	1617.5	1672.7	1721.8	1764.7	1801.1	1831.0
-72.5°	1052.4	1096.3	1140.4	1190.5	1236.6	1278.7	1316.7	1350.4	1379.7	1404.7	1425.2
-75°	850.0	884.3	919.4	951.9	981.8	1009.1	1033.7	1055.5	1074.5	1090.7	1104.0
-77.5°	668.1	695.5	721.1	744.9	766.8	786.7	804.7	820.6	834.5	846.3	856.0
-80°	477.7	500.6	522.0	541.9	560.1	576.8	591.8	605.1	616.7	626.5	634.6
-82.5°	297.7	313.2	327.8	341.3	353.7	365.0	375.2	384.2	392.1	398.7	404.2
-85°	147.4	154.5	161.1	167.3	173.0	178.1	182.8	186.9	190.5	193.5	196.0
-87.5°	44.1	45.5	46.7	47.8	48.8	49.8	50.6	51.4	52.1	52.6	53.1
-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: P645558 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-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°	53.4	53.7	53.8	53.9	53.8	53.7	53.4	53.1	52.6	52.1	51.4
85°	198.0	199.4	200.2	200.5	200.2	199.4	198.0	196.0	193.5	190.5	186.9
82.5°	408.5	411.5	413.4	414.0	413.4	411.5	408.5	404.2	398.7	392.1	384.2
80°	640.9	645.4	648.1	649.0	648.1	645.4	640.9	634.6	626.5	616.7	605.1
77.5°	863.6	869.0	872.2	873.3	872.2	869.0	863.6	856.0	846.3	834.5	820.6
75°	1114.3	1121.8	1126.2	1127.7	1126.2	1121.8	1114.3	1104.0	1090.7	1074.5	1055.5
72.5°	1441.2	1452.7	1459.6	1461.9	1459.6	1452.7	1441.2	1425.2	1404.7	1379.7	1350.4
70°	1854.4	1871.1	1881.1	1884.5	1881.1	1871.1	1854.4	1831.0	1801.1	1764.7	1721.8
67.5°	2350.1	2372.9	2386.6	2391.2	2386.6	2372.9	2350.1	2318.2	2277.4	2227.8	2169.4
65°	2986.8	3020.1	3040.0	3046.7	3040.0	3020.1	2986.8	2940.4	2881.1	2808.9	2724.1
62.5°	3730.2	3773.3	3799.2	3807.8	3799.2	3773.3	3730.2	3670.1	3593.2	3499.8	3390.1
60°	4504.0	4553.2	4582.8	4592.7	4582.8	4553.2	4504.0	4435.3	4347.5	4240.8	4115.6
57.5°	5249.4	5301.3	5332.6	5343.0	5332.6	5301.3	5249.4	5177.1	5084.6	4972.2	4840.6
55°	5916.1	5966.6	5997.0	6007.1	5997.0	5966.6	5916.1	5845.8	5755.9	5646.9	5519.2
52.5°	6516.6	6566.5	6596.6	6606.6	6596.6	6566.5	6516.6	6447.1	6358.4	6250.9	6125.0
50°	7059.0	7108.2	7137.9	7147.8	7137.9	7108.2	7059.0	6990.5	6903.1	6797.3	6673.6
47.5°	7556.6	7606.1	7635.8	7645.8	7635.8	7606.1	7556.6	7487.9	7400.3	7294.3	7170.7
45°	7992.9	8039.6	8067.7	8077.1	8067.7	8039.6	7992.9	7928.0	7845.5	7745.8	7627.1
42.5°	8369.0	8412.7	8439.1	8447.9	8439.1	8412.7	8369.0	8308.3	8231.1	8138.0	8022.0
40°	8697.9	8739.7	8765.0	8773.5	8765.0	8739.7	8697.9	8639.8	8566.1	8477.4	8364.2
37.5°	8981.1	9020.2	9043.8	9051.7	9043.8	9020.2	8981.1	8927.0	8858.5	8776.2	8665.2
35°	9219.9	9255.6	9277.3	9284.5	9277.3	9255.6	9219.9	9170.5	9108.0	9029.6	8926.4
32.5°	9422.5	9455.9	9476.1	9482.9	9476.1	9455.9	9422.5	9376.4	9318.4	9242.9	9149.3
30°	9589.0	9618.5	9636.5	9642.5	9636.5	9618.5	9589.0	9548.3	9497.3	9425.3	9338.8
27.5°	9721.1	9746.7	9762.3	9767.5	9762.3	9746.7	9721.1	9686.1	9642.2	9576.0	9500.4
25°	9808.0	9823.7	9833.3	9836.5	9833.3	9823.7	9808.0	9786.7	9754.0	9697.3	9630.4
22.5°	9845.8	9850.2	9852.9	9853.8	9852.9	9850.2	9845.8	9839.8	9820.5	9786.2	9731.4
20°	9848.6	9845.6	9843.6	9843.0	9843.6	9845.6	9848.6	9852.8	9847.2	9837.8	9799.6
17.5°	9830.8	9821.0	9814.9	9812.8	9814.9	9821.0	9830.8	9843.3	9849.0	9851.1	9839.6
15°	9800.9	9786.3	9777.1	9774.0	9777.1	9786.3	9800.9	9818.4	9836.2	9847.7	9851.1
12.5°	9767.3	9751.2	9740.9	9737.3	9740.9	9751.2	9767.3	9788.9	9814.1	9836.2	9849.0
10°	9737.1	9723.6	9714.6	9711.5	9714.6	9723.6	9737.1	9760.9	9788.9	9818.4	9843.3
7.5°	9717.6	9705.5	9698.8	9696.4	9698.8	9705.5	9717.6	9737.1	9767.3	9800.9	9830.8
5°	9705.5	9693.4	9683.2	9679.1	9683.2	9693.4	9705.5	9723.6	9751.2	9786.3	9821.0
2.5°	9698.8	9683.2	9667.7	9659.7	9667.7	9683.2	9698.8	9714.6	9740.9	9777.1	9814.9
0°	9696.4	9679.1	9659.7	9661.9	9659.7	9679.1	9696.4	9711.5	9737.3	9774.0	9812.8
-2.5°	9698.8	9683.2	9667.7	9659.7	9667.7	9683.2	9698.8	9714.6	9740.9	9777.1	9814.9
-5°	9705.5	9693.4	9683.2	9679.1	9683.2	9693.4	9705.5	9723.6	9751.2	9786.3	9821.0
-7.5°	9717.6	9705.5	9698.8	9696.4	9698.8	9705.5	9717.6	9737.1	9767.3	9800.9	9830.8
-10°	9737.1	9723.6	9714.6	9711.5	9714.6	9723.6	9737.1	9760.9	9788.9	9818.4	9843.3
-12.5°	9767.3	9751.2	9740.9	9737.3	9740.9	9751.2	9767.3	9788.9	9814.1	9836.2	9849.0
-15°	9800.9	9786.3	9777.1	9774.0	9777.1	9786.3	9800.9	9818.4	9836.2	9847.7	9851.1
-17.5°	9830.8	9821.0	9814.9	9812.8	9814.9	9821.0	9830.8	9843.3	9849.0	9851.1	9839.6
-20°	9848.6	9845.6	9843.6	9843.0	9843.6	9845.6	9848.6	9852.8	9847.2	9837.8	9799.6

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REPORT NUMBER: P645558 (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°	9845.8	9850.2	9852.9	9853.8	9852.9	9850.2	9845.8	9839.8	9820.5	9786.2	9731.4
-25°	9808.0	9823.7	9833.3	9836.5	9833.3	9823.7	9808.0	9786.7	9754.0	9697.3	9630.4
-27.5°	9721.1	9746.7	9762.3	9767.5	9762.3	9746.7	9721.1	9686.1	9642.2	9576.0	9500.4
-30°	9589.0	9618.5	9636.5	9642.5	9636.5	9618.5	9589.0	9548.3	9497.3	9425.3	9338.8
-32.5°	9422.5	9455.9	9476.1	9482.9	9476.1	9455.9	9422.5	9376.4	9318.4	9242.9	9149.3
-35°	9219.9	9255.6	9277.3	9284.5	9277.3	9255.6	9219.9	9170.5	9108.0	9029.6	8926.4
-37.5°	8981.1	9020.2	9043.8	9051.7	9043.8	9020.2	8981.1	8927.0	8858.5	8776.2	8665.2
-40°	8697.9	8739.7	8765.0	8773.5	8765.0	8739.7	8697.9	8639.8	8566.1	8477.4	8364.2
-42.5°	8369.0	8412.7	8439.1	8447.9	8439.1	8412.7	8369.0	8308.3	8231.1	8138.0	8022.0
-45°	7992.9	8039.6	8067.7	8077.1	8067.7	8039.6	7992.9	7928.0	7845.5	7745.8	7627.1
-47.5°	7556.6	7606.1	7635.8	7645.8	7635.8	7606.1	7556.6	7487.9	7400.3	7294.3	7170.7
-50°	7059.0	7108.2	7137.9	7147.8	7137.9	7108.2	7059.0	6990.5	6903.1	6797.3	6673.6
-52.5°	6516.6	6566.5	6596.6	6606.6	6596.6	6566.5	6516.6	6447.1	6358.4	6250.9	6125.0
-55°	5916.1	5966.6	5997.0	6007.1	5997.0	5966.6	5916.1	5845.8	5755.9	5646.9	5519.2
-57.5°	5249.4	5301.3	5332.6	5343.0	5332.6	5301.3	5249.4	5177.1	5084.6	4972.2	4840.6
-60°	4504.0	4553.2	4582.8	4592.7	4582.8	4553.2	4504.0	4435.3	4347.5	4240.8	4115.6
-62.5°	3730.2	3773.3	3799.2	3807.8	3799.2	3773.3	3730.2	3670.1	3593.2	3499.8	3390.1
-65°	2986.8	3020.1	3040.0	3046.7	3040.0	3020.1	2986.8	2940.4	2881.1	2808.9	2724.1
-67.5°	2350.1	2372.9	2386.6	2391.2	2386.6	2372.9	2350.1	2318.2	2277.4	2227.8	2169.4
-70°	1854.4	1871.1	1881.1	1884.5	1881.1	1871.1	1854.4	1831.0	1801.1	1764.7	1721.8
-72.5°	1441.2	1452.7	1459.6	1461.9	1459.6	1452.7	1441.2	1425.2	1404.7	1379.7	1350.4
-75°	1114.3	1121.8	1126.2	1127.7	1126.2	1121.8	1114.3	1104.0	1090.7	1074.5	1055.5
-77.5°	863.6	869.0	872.2	873.3	872.2	869.0	863.6	856.0	846.3	834.5	820.6
-80°	640.9	645.4	648.1	649.0	648.1	645.4	640.9	634.6	626.5	616.7	605.1
-82.5°	408.5	411.5	413.4	414.0	413.4	411.5	408.5	404.2	398.7	392.1	384.2
-85°	198.0	199.4	200.2	200.5	200.2	199.4	198.0	196.0	193.5	190.5	186.9
-87.5°	53.4	53.7	53.8	53.9	53.8	53.7	53.4	53.1	52.6	52.1	51.4
-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: P645558 (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°	50.6	49.8	48.8	47.8	46.7	45.5	44.1	42.8	41.3	39.7	38.1
85°	182.8	178.1	173.0	167.3	161.1	154.5	147.4	139.8	131.8	123.3	114.5
82.5°	375.2	365.0	353.7	341.3	327.8	313.2	297.7	281.1	263.6	245.1	225.8
80°	591.8	576.8	560.1	541.9	522.0	500.6	477.7	453.3	427.6	401.7	375.8
77.5°	804.7	786.7	766.8	744.9	721.1	695.5	668.1	638.4	606.1	572.1	536.5
75°	1033.7	1009.1	981.8	951.9	919.4	884.3	850.0	814.9	777.8	738.8	697.9
72.5°	1316.7	1278.7	1236.6	1190.5	1140.4	1096.3	1052.4	1005.8	956.5	904.8	853.3
70°	1672.7	1617.5	1556.2	1489.0	1425.7	1363.7	1297.5	1227.2	1153.0	1087.6	1025.5
67.5°	2102.6	2027.4	1944.0	1858.0	1775.4	1686.6	1591.9	1491.3	1401.3	1313.3	1221.3
65°	2626.9	2517.7	2396.7	2293.1	2182.2	2063.1	1936.1	1815.2	1696.8	1572.6	1446.9
62.5°	3264.5	3123.4	2978.3	2831.2	2672.0	2501.2	2335.4	2186.4	2029.4	1868.2	1725.1
60°	3972.4	3811.7	3639.2	3450.9	3247.3	3031.4	2831.2	2619.5	2396.7	2215.2	2027.4
57.5°	4690.1	4518.0	4323.0	4110.1	3880.2	3639.2	3385.3	3117.0	2864.5	2610.7	2356.6
55°	5373.4	5192.9	4989.2	4767.3	4524.9	4256.9	3972.4	3676.3	3370.8	3051.8	2765.5
52.5°	5978.7	5800.8	5604.8	5391.4	5137.9	4860.5	4565.0	4240.8	3901.0	3554.6	3197.9
50°	6524.7	6350.3	6158.4	5943.7	5695.2	5430.2	5124.5	4791.1	4435.3	4055.4	3665.9
47.5°	7019.8	6849.2	6661.9	6442.7	6201.0	5936.8	5635.6	5316.1	4942.9	4553.2	4133.1
45°	7474.7	7305.1	7116.6	6897.7	6663.2	6393.2	6102.1	5774.4	5422.1	5019.4	4592.7
42.5°	7879.3	7720.7	7531.9	7315.5	7078.6	6812.0	6523.3	6198.3	5844.4	5456.6	5019.4
40°	8231.6	8084.6	7899.3	7698.2	7458.7	7196.9	6902.4	6589.0	6230.6	5844.4	5422.1
37.5°	8539.4	8393.8	8221.5	8029.8	7800.8	7545.8	7253.8	6932.7	6589.0	6198.3	5774.4
35°	8810.4	8667.1	8504.8	8314.7	8104.8	7852.6	7575.1	7253.8	6902.4	6523.3	6102.1
32.5°	9043.1	8905.6	8754.1	8568.5	8361.8	8127.8	7852.6	7545.8	7196.9	6812.0	6393.2
30°	9235.0	9111.3	8963.8	8794.7	8589.9	8361.8	8104.8	7800.8	7458.7	7078.6	6663.2
27.5°	9400.5	9287.2	9145.3	8983.4	8794.7	8568.5	8314.7	8029.8	7698.2	7315.5	6897.7
25°	9539.8	9432.0	9302.3	9145.3	8963.8	8754.1	8504.8	8221.5	7899.3	7531.9	7116.6
22.5°	9654.8	9553.1	9432.0	9287.2	9111.3	8905.6	8667.1	8393.8	8084.6	7720.7	7305.1
20°	9743.0	9654.8	9539.8	9400.5	9235.0	9043.1	8810.4	8539.4	8231.6	7879.3	7474.7
17.5°	9799.6	9731.4	9630.4	9500.4	9338.8	9149.3	8926.4	8665.2	8364.2	8022.0	7627.1
15°	9837.8	9786.2	9697.3	9576.0	9425.3	9242.9	9029.6	8776.2	8477.4	8138.0	7745.8
12.5°	9847.2	9820.5	9754.0	9642.2	9497.3	9318.4	9108.0	8858.5	8566.1	8231.1	7845.5
10°	9852.8	9839.8	9786.7	9686.1	9548.3	9376.4	9170.5	8927.0	8639.8	8308.3	7928.0
7.5°	9848.6	9845.8	9808.0	9721.1	9589.0	9422.5	9219.9	8981.1	8697.9	8369.0	7992.9
5°	9845.6	9850.2	9823.7	9746.7	9618.5	9455.9	9255.6	9020.2	8739.7	8412.7	8039.6
2.5°	9843.6	9852.9	9833.3	9762.3	9636.5	9476.1	9277.3	9043.8	8765.0	8439.1	8067.7
0°	9843.0	9853.8	9836.5	9767.5	9642.5	9482.9	9284.5	9051.7	8773.5	8447.9	8077.1
-2.5°	9843.6	9852.9	9833.3	9762.3	9636.5	9476.1	9277.3	9043.8	8765.0	8439.1	8067.7
-5°	9845.6	9850.2	9823.7	9746.7	9618.5	9455.9	9255.6	9020.2	8739.7	8412.7	8039.6
-7.5°	9848.6	9845.8	9808.0	9721.1	9589.0	9422.5	9219.9	8981.1	8697.9	8369.0	7992.9
-10°	9852.8	9839.8	9786.7	9686.1	9548.3	9376.4	9170.5	8927.0	8639.8	8308.3	7928.0
-12.5°	9847.2	9820.5	9754.0	9642.2	9497.3	9318.4	9108.0	8858.5	8566.1	8231.1	7845.5
-15°	9837.8	9786.2	9697.3	9576.0	9425.3	9242.9	9029.6	8776.2	8477.4	8138.0	7745.8
-17.5°	9799.6	9731.4	9630.4	9500.4	9338.8	9149.3	8926.4	8665.2	8364.2	8022.0	7627.1
-20°	9743.0	9654.8	9539.8	9400.5	9235.0	9043.1	8810.4	8539.4	8231.6	7879.3	7474.7

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REPORT NUMBER: P645558 (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°
-22.5°	9654.8	9553.1	9432.0	9287.2	9111.3	8905.6	8667.1	8393.8	8084.6	7720.7	7305.1
-25°	9539.8	9432.0	9302.3	9145.3	8963.8	8754.1	8504.8	8221.5	7899.3	7531.9	7116.6
-27.5°	9400.5	9287.2	9145.3	8983.4	8794.7	8568.5	8314.7	8029.8	7698.2	7315.5	6897.7
-30°	9235.0	9111.3	8963.8	8794.7	8589.9	8361.8	8104.8	7800.8	7458.7	7078.6	6663.2
-32.5°	9043.1	8905.6	8754.1	8568.5	8361.8	8127.8	7852.6	7545.8	7196.9	6812.0	6393.2
-35°	8810.4	8667.1	8504.8	8314.7	8104.8	7852.6	7575.1	7253.8	6902.4	6523.3	6102.1
-37.5°	8539.4	8393.8	8221.5	8029.8	7800.8	7545.8	7253.8	6932.7	6589.0	6198.3	5774.4
-40°	8231.6	8084.6	7899.3	7698.2	7458.7	7196.9	6902.4	6589.0	6230.6	5844.4	5422.1
-42.5°	7879.3	7720.7	7531.9	7315.5	7078.6	6812.0	6523.3	6198.3	5844.4	5456.6	5019.4
-45°	7474.7	7305.1	7116.6	6897.7	6663.2	6393.2	6102.1	5774.4	5422.1	5019.4	4592.7
-47.5°	7019.8	6849.2	6661.9	6442.7	6201.0	5936.8	5635.6	5316.1	4942.9	4553.2	4133.1
-50°	6524.7	6350.3	6158.4	5943.7	5695.2	5430.2	5124.5	4791.1	4435.3	4055.4	3665.9
-52.5°	5978.7	5800.8	5604.8	5391.4	5137.9	4860.5	4565.0	4240.8	3901.0	3554.6	3197.9
-55°	5373.4	5192.9	4989.2	4767.3	4524.9	4256.9	3972.4	3676.3	3370.8	3051.8	2765.5
-57.5°	4690.1	4518.0	4323.0	4110.1	3880.2	3639.2	3385.3	3117.0	2864.5	2610.7	2356.6
-60°	3972.4	3811.7	3639.2	3450.9	3247.3	3031.4	2831.2	2619.5	2396.7	2215.2	2027.4
-62.5°	3264.5	3123.4	2978.3	2831.2	2672.0	2501.2	2335.4	2186.4	2029.4	1868.2	1725.1
-65°	2626.9	2517.7	2396.7	2293.1	2182.2	2063.1	1936.1	1815.2	1696.8	1572.6	1446.9
-67.5°	2102.6	2027.4	1944.0	1858.0	1775.4	1686.6	1591.9	1491.3	1401.3	1313.3	1221.3
-70°	1672.7	1617.5	1556.2	1489.0	1425.7	1363.7	1297.5	1227.2	1153.0	1087.6	1025.5
-72.5°	1316.7	1278.7	1236.6	1190.5	1140.4	1096.3	1052.4	1005.8	956.5	904.8	853.3
-75°	1033.7	1009.1	981.8	951.9	919.4	884.3	850.0	814.9	777.8	738.8	697.9
-77.5°	804.7	786.7	766.8	744.9	721.1	695.5	668.1	638.4	606.1	572.1	536.5
-80°	591.8	576.8	560.1	541.9	522.0	500.6	477.7	453.3	427.6	401.7	375.8
-82.5°	375.2	365.0	353.7	341.3	327.8	313.2	297.7	281.1	263.6	245.1	225.8
-85°	182.8	178.1	173.0	167.3	161.1	154.5	147.4	139.8	131.8	123.3	114.5
-87.5°	50.6	49.8	48.8	47.8	46.7	45.5	44.1	42.8	41.3	39.7	38.1
-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: P645558 (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°	36.4	34.6	32.8	30.9	29.0	26.9	24.9	22.8	20.6	18.4	16.2
85°	105.2	95.6	85.6	75.3	64.7	53.8	49.7	45.5	41.2	36.8	32.4
82.5°	205.5	189.5	174.6	159.1	143.1	126.7	109.9	92.7	75.2	57.3	48.5
80°	348.9	320.8	291.7	261.7	230.7	199.4	177.0	154.1	130.7	107.0	82.8
77.5°	499.4	460.7	420.7	382.5	343.8	304.1	263.3	221.7	185.9	156.2	126.1
75°	655.3	609.2	561.1	511.5	460.4	408.5	359.7	309.8	258.9	207.2	169.1
72.5°	803.4	751.7	698.2	642.6	583.0	521.9	459.2	397.0	337.8	277.6	216.6
70°	960.8	893.7	830.0	766.8	701.9	634.6	563.1	490.2	416.0	347.2	277.6
67.5°	1126.0	1050.4	972.2	891.6	816.4	741.5	665.0	583.9	500.6	416.0	337.8
65°	1340.2	1229.7	1118.4	1028.8	936.9	846.3	761.4	674.9	583.9	490.2	397.0
62.5°	1576.3	1430.6	1304.9	1175.5	1063.1	959.6	856.3	761.4	665.0	563.1	459.2
60°	1841.0	1672.7	1499.2	1350.4	1205.8	1074.5	959.6	846.3	741.5	634.6	521.9
57.5°	2144.8	1925.9	1731.0	1537.9	1365.6	1205.8	1063.1	936.9	816.4	701.9	583.0
55°	2469.6	2215.8	1973.0	1750.5	1537.9	1350.4	1175.5	1028.8	891.6	766.8	642.6
52.5°	2859.2	2531.7	2239.6	1973.0	1731.0	1499.2	1304.9	1118.4	972.2	830.0	698.2
50°	3271.5	2890.6	2531.7	2215.8	1925.9	1672.7	1430.6	1229.7	1050.4	893.7	751.7
47.5°	3703.2	3271.5	2859.2	2469.6	2144.8	1841.0	1576.3	1340.2	1126.0	960.8	803.4
45°	4133.1	3665.9	3197.9	2765.5	2356.6	2027.4	1725.1	1446.9	1221.3	1025.5	853.3
42.5°	4553.2	4055.4	3554.6	3051.8	2610.7	2215.2	1868.2	1572.6	1313.3	1087.6	904.8
40°	4942.9	4435.3	3901.0	3370.8	2864.5	2396.7	2029.4	1696.8	1401.3	1153.0	956.5
37.5°	5316.1	4791.1	4240.8	3676.3	3117.0	2619.5	2186.4	1815.2	1491.3	1227.2	1005.8
35°	5635.6	5124.5	4565.0	3972.4	3385.3	2831.2	2335.4	1936.1	1591.9	1297.5	1052.4
32.5°	5936.8	5430.2	4860.5	4256.9	3639.2	3031.4	2501.2	2063.1	1686.6	1363.7	1096.3
30°	6201.0	5695.2	5137.9	4524.9	3880.2	3247.3	2672.0	2182.2	1775.4	1425.7	1140.4
27.5°	6442.7	5943.7	5391.4	4767.3	4110.1	3450.9	2831.2	2293.1	1858.0	1489.0	1190.5
25°	6661.9	6158.4	5604.8	4989.2	4323.0	3639.2	2978.3	2396.7	1944.0	1556.2	1236.6
22.5°	6849.2	6350.3	5800.8	5192.9	4518.0	3811.7	3123.4	2517.7	2027.4	1617.5	1278.7
20°	7019.8	6524.7	5978.7	5373.4	4690.1	3972.4	3264.5	2626.9	2102.6	1672.7	1316.7
17.5°	7170.7	6673.6	6125.0	5519.2	4840.6	4115.6	3390.1	2724.1	2169.4	1721.8	1350.4
15°	7294.3	6797.3	6250.9	5646.9	4972.2	4240.8	3499.8	2808.9	2227.8	1764.7	1379.7
12.5°	7400.3	6903.1	6358.4	5755.9	5084.6	4347.5	3593.2	2881.1	2277.4	1801.1	1404.7
10°	7487.9	6990.5	6447.1	5845.8	5177.1	4435.3	3670.1	2940.4	2318.2	1831.0	1425.2
7.5°	7556.6	7059.0	6516.6	5916.1	5249.4	4504.0	3730.2	2986.8	2350.1	1854.4	1441.2
5°	7606.1	7108.2	6566.5	5966.6	5301.3	4553.2	3773.3	3020.1	2372.9	1871.1	1452.7
2.5°	7635.8	7137.9	6596.6	5997.0	5332.6	4582.8	3799.2	3040.0	2386.6	1881.1	1459.6
0°	7645.8	7147.8	6606.6	6007.1	5343.0	4592.7	3807.8	3046.7	2391.2	1884.5	1461.9
-2.5°	7635.8	7137.9	6596.6	5997.0	5332.6	4582.8	3799.2	3040.0	2386.6	1881.1	1459.6
-5°	7606.1	7108.2	6566.5	5966.6	5301.3	4553.2	3773.3	3020.1	2372.9	1871.1	1452.7
-7.5°	7556.6	7059.0	6516.6	5916.1	5249.4	4504.0	3730.2	2986.8	2350.1	1854.4	1441.2
-10°	7487.9	6990.5	6447.1	5845.8	5177.1	4435.3	3670.1	2940.4	2318.2	1831.0	1425.2
-12.5°	7400.3	6903.1	6358.4	5755.9	5084.6	4347.5	3593.2	2881.1	2277.4	1801.1	1404.7
-15°	7294.3	6797.3	6250.9	5646.9	4972.2	4240.8	3499.8	2808.9	2227.8	1764.7	1379.7
-17.5°	7170.7	6673.6	6125.0	5519.2	4840.6	4115.6	3390.1	2724.1	2169.4	1721.8	1350.4
-20°	7019.8	6524.7	5978.7	5373.4	4690.1	3972.4	3264.5	2626.9	2102.6	1672.7	1316.7



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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°	6849.2	6350.3	5800.8	5192.9	4518.0	3811.7	3123.4	2517.7	2027.4	1617.5	1278.7
-25°	6661.9	6158.4	5604.8	4989.2	4323.0	3639.2	2978.3	2396.7	1944.0	1556.2	1236.6
-27.5°	6442.7	5943.7	5391.4	4767.3	4110.1	3450.9	2831.2	2293.1	1858.0	1489.0	1190.5
-30°	6201.0	5695.2	5137.9	4524.9	3880.2	3247.3	2672.0	2182.2	1775.4	1425.7	1140.4
-32.5°	5936.8	5430.2	4860.5	4256.9	3639.2	3031.4	2501.2	2063.1	1686.6	1363.7	1096.3
-35°	5635.6	5124.5	4565.0	3972.4	3385.3	2831.2	2335.4	1936.1	1591.9	1297.5	1052.4
-37.5°	5316.1	4791.1	4240.8	3676.3	3117.0	2619.5	2186.4	1815.2	1491.3	1227.2	1005.8
-40°	4942.9	4435.3	3901.0	3370.8	2864.5	2396.7	2029.4	1696.8	1401.3	1153.0	956.5
-42.5°	4553.2	4055.4	3554.6	3051.8	2610.7	2215.2	1868.2	1572.6	1313.3	1087.6	904.8
-45°	4133.1	3665.9	3197.9	2765.5	2356.6	2027.4	1725.1	1446.9	1221.3	1025.5	853.3
-47.5°	3703.2	3271.5	2859.2	2469.6	2144.8	1841.0	1576.3	1340.2	1126.0	960.8	803.4
-50°	3271.5	2890.6	2531.7	2215.8	1925.9	1672.7	1430.6	1229.7	1050.4	893.7	751.7
-52.5°	2859.2	2531.7	2239.6	1973.0	1731.0	1499.2	1304.9	1118.4	972.2	830.0	698.2
-55°	2469.6	2215.8	1973.0	1750.5	1537.9	1350.4	1175.5	1028.8	891.6	766.8	642.6
-57.5°	2144.8	1925.9	1731.0	1537.9	1365.6	1205.8	1063.1	936.9	816.4	701.9	583.0
-60°	1841.0	1672.7	1499.2	1350.4	1205.8	1074.5	959.6	846.3	741.5	634.6	521.9
-62.5°	1576.3	1430.6	1304.9	1175.5	1063.1	959.6	856.3	761.4	665.0	563.1	459.2
-65°	1340.2	1229.7	1118.4	1028.8	936.9	846.3	761.4	674.9	583.9	490.2	397.0
-67.5°	1126.0	1050.4	972.2	891.6	816.4	741.5	665.0	583.9	500.6	416.0	337.8
-70°	960.8	893.7	830.0	766.8	701.9	634.6	563.1	490.2	416.0	347.2	277.6
-72.5°	803.4	751.7	698.2	642.6	583.0	521.9	459.2	397.0	337.8	277.6	216.6
-75°	655.3	609.2	561.1	511.5	460.4	408.5	359.7	309.8	258.9	207.2	169.1
-77.5°	499.4	460.7	420.7	382.5	343.8	304.1	263.3	221.7	185.9	156.2	126.1
-80°	348.9	320.8	291.7	261.7	230.7	199.4	177.0	154.1	130.7	107.0	82.8
-82.5°	205.5	189.5	174.6	159.1	143.1	126.7	109.9	92.7	75.2	57.3	48.5
-85°	105.2	95.6	85.6	75.3	64.7	53.8	49.7	45.5	41.2	36.8	32.4
-87.5°	36.4	34.6	32.8	30.9	29.0	26.9	24.9	22.8	20.6	18.4	16.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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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°	13.9	11.7	9.4	7.0	4.7	2.4	0.0
85°	27.9	23.3	18.7	14.1	9.4	4.7	0.0
82.5°	41.7	34.9	28.0	21.0	14.1	7.0	0.0
80°	58.4	46.4	37.3	28.0	18.7	9.4	0.0
77.5°	95.6	64.8	46.4	34.9	23.3	11.7	0.0
75°	132.5	95.6	58.4	41.7	27.9	13.9	0.0
72.5°	169.1	126.1	82.8	48.5	32.4	16.2	0.0
70°	207.2	156.2	107.0	57.3	36.8	18.4	0.0
67.5°	258.9	185.9	130.7	75.2	41.2	20.6	0.0
65°	309.8	221.7	154.1	92.7	45.5	22.8	0.0
62.5°	359.7	263.3	177.0	109.9	49.7	24.9	0.0
60°	408.5	304.1	199.4	126.7	53.8	26.9	0.0
57.5°	460.4	343.8	230.7	143.1	64.7	29.0	0.0
55°	511.5	382.5	261.7	159.1	75.3	30.9	0.0
52.5°	561.1	420.7	291.7	174.6	85.6	32.8	0.0
50°	609.2	460.7	320.8	189.5	95.6	34.6	0.0
47.5°	655.3	499.4	348.9	205.5	105.2	36.4	0.0
45°	697.9	536.5	375.8	225.8	114.5	38.1	0.0
42.5°	738.8	572.1	401.7	245.1	123.3	39.7	0.0
40°	777.8	606.1	427.6	263.6	131.8	41.3	0.0
37.5°	814.9	638.4	453.3	281.1	139.8	42.8	0.0
35°	850.0	668.1	477.7	297.7	147.4	44.1	0.0
32.5°	884.3	695.5	500.6	313.2	154.5	45.5	0.0
30°	919.4	721.1	522.0	327.8	161.1	46.7	0.0
27.5°	951.9	744.9	541.9	341.3	167.3	47.8	0.0
25°	981.8	766.8	560.1	353.7	173.0	48.8	0.0
22.5°	1009.1	786.7	576.8	365.0	178.1	49.8	0.0
20°	1033.7	804.7	591.8	375.2	182.8	50.6	0.0
17.5°	1055.5	820.6	605.1	384.2	186.9	51.4	0.0
15°	1074.5	834.5	616.7	392.1	190.5	52.1	0.0
12.5°	1090.7	846.3	626.5	398.7	193.5	52.6	0.0
10°	1104.0	856.0	634.6	404.2	196.0	53.1	0.0
7.5°	1114.3	863.6	640.9	408.5	198.0	53.4	0.0
5°	1121.8	869.0	645.4	411.5	199.4	53.7	0.0
2.5°	1126.2	872.2	648.1	413.4	200.2	53.8	0.0
0°	1127.7	873.3	649.0	414.0	200.5	53.9	0.0
-2.5°	1126.2	872.2	648.1	413.4	200.2	53.8	0.0
-5°	1121.8	869.0	645.4	411.5	199.4	53.7	0.0
-7.5°	1114.3	863.6	640.9	408.5	198.0	53.4	0.0
-10°	1104.0	856.0	634.6	404.2	196.0	53.1	0.0
-12.5°	1090.7	846.3	626.5	398.7	193.5	52.6	0.0
-15°	1074.5	834.5	616.7	392.1	190.5	52.1	0.0
-17.5°	1055.5	820.6	605.1	384.2	186.9	51.4	0.0
-20°	1033.7	804.7	591.8	375.2	182.8	50.6	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	1009.1	786.7	576.8	365.0	178.1	49.8	0.0
-25°	981.8	766.8	560.1	353.7	173.0	48.8	0.0
-27.5°	951.9	744.9	541.9	341.3	167.3	47.8	0.0
-30°	919.4	721.1	522.0	327.8	161.1	46.7	0.0
-32.5°	884.3	695.5	500.6	313.2	154.5	45.5	0.0
-35°	850.0	668.1	477.7	297.7	147.4	44.1	0.0
-37.5°	814.9	638.4	453.3	281.1	139.8	42.8	0.0
-40°	777.8	606.1	427.6	263.6	131.8	41.3	0.0
-42.5°	738.8	572.1	401.7	245.1	123.3	39.7	0.0
-45°	697.9	536.5	375.8	225.8	114.5	38.1	0.0
-47.5°	655.3	499.4	348.9	205.5	105.2	36.4	0.0
-50°	609.2	460.7	320.8	189.5	95.6	34.6	0.0
-52.5°	561.1	420.7	291.7	174.6	85.6	32.8	0.0
-55°	511.5	382.5	261.7	159.1	75.3	30.9	0.0
-57.5°	460.4	343.8	230.7	143.1	64.7	29.0	0.0
-60°	408.5	304.1	199.4	126.7	53.8	26.9	0.0
-62.5°	359.7	263.3	177.0	109.9	49.7	24.9	0.0
-65°	309.8	221.7	154.1	92.7	45.5	22.8	0.0
-67.5°	258.9	185.9	130.7	75.2	41.2	20.6	0.0
-70°	207.2	156.2	107.0	57.3	36.8	18.4	0.0
-72.5°	169.1	126.1	82.8	48.5	32.4	16.2	0.0
-75°	132.5	95.6	58.4	41.7	27.9	13.9	0.0
-77.5°	95.6	64.8	46.4	34.9	23.3	11.7	0.0
-80°	58.4	46.4	37.3	28.0	18.7	9.4	0.0
-82.5°	41.7	34.9	28.0	21.0	14.1	7.0	0.0
-85°	27.9	23.3	18.7	14.1	9.4	4.7	0.0
-87.5°	13.9	11.7	9.4	7.0	4.7	2.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)