

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: P645556 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA6B-740-U-LAM-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645556 (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-740-U-LAM-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, LAMBERTIAN
Light Source: (96) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

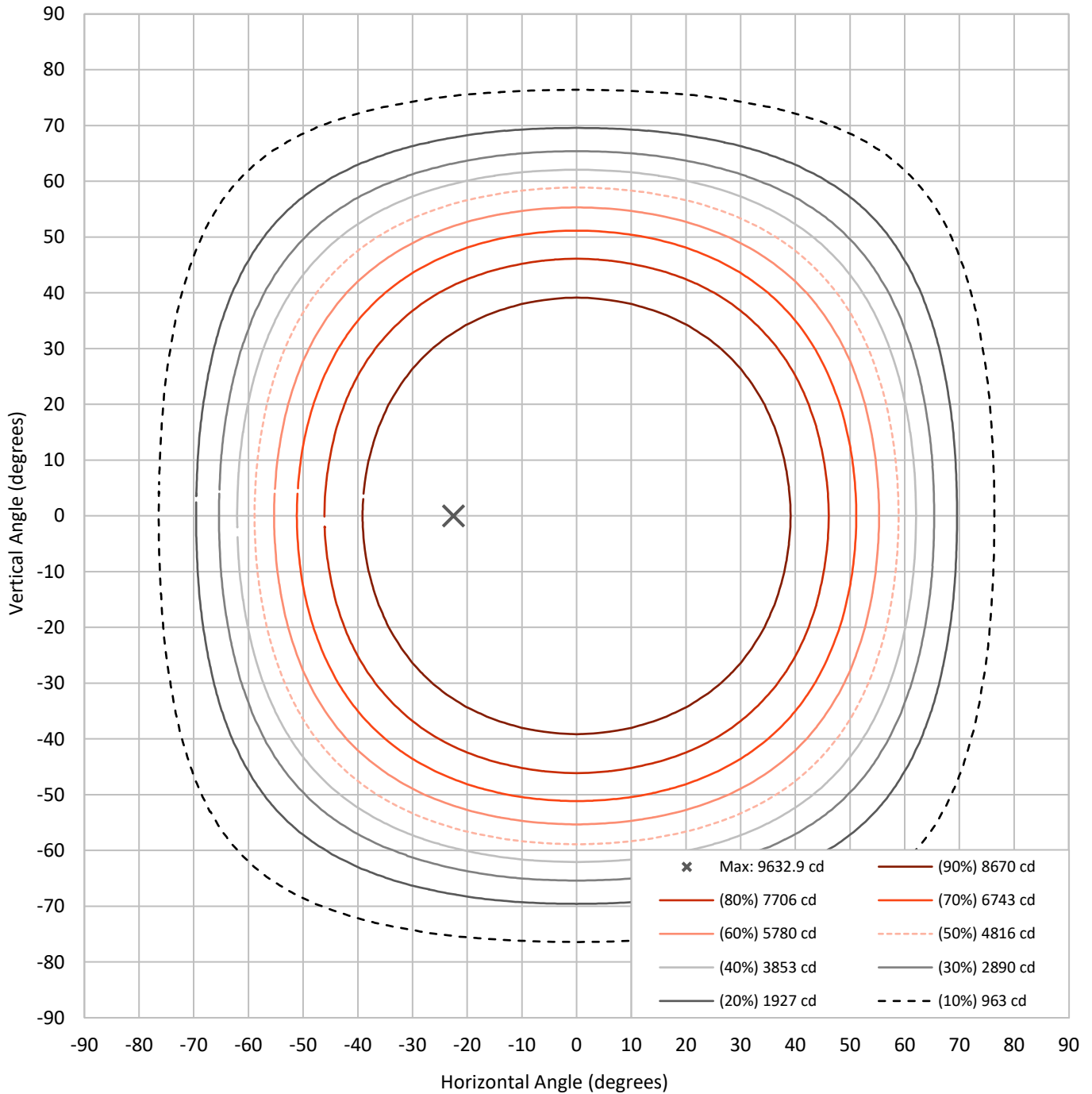
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	29467.7 lumens	Max Intensity:	9632.9 candela
Efficiency:	N/A	Max Intensity Angle:	-22.5°H x 0°V
Efficacy:	154.6 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:	24523.5 lumens	Field Lumens:	28888.1 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





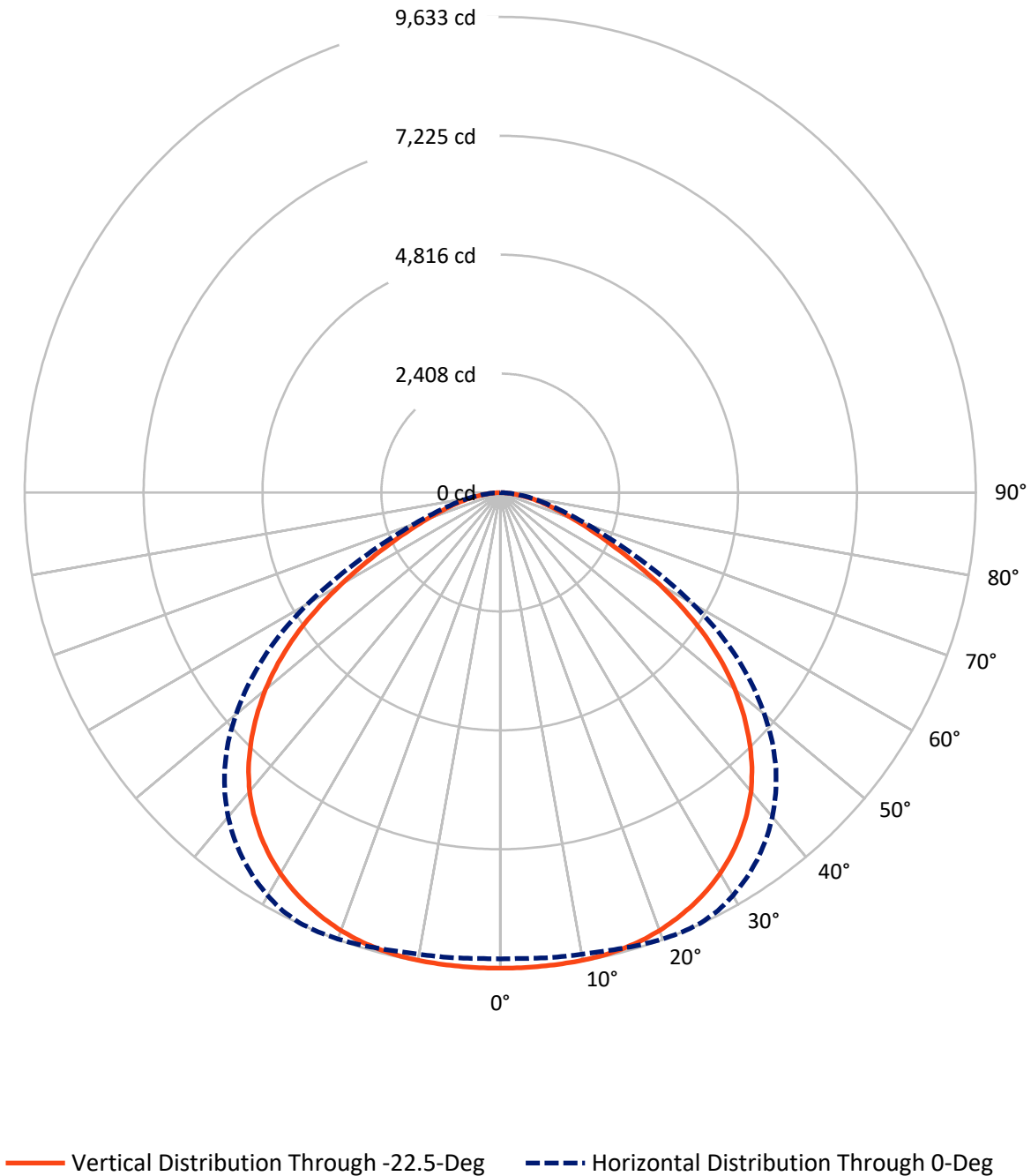
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Lumen Table

90																			
80	1.5	15.3	43.2	71.8	84.1	71.8	43.2	15.3	1.5										
70																			
60	7.3	8.6	17.9	31.3	48.4	66.9	82.6	91.4	91.4	82.6	66.9	48.4	31.3	17.9	8.6				7.3
50																			
40	13.8	13.3	30.6	59.2	96.8	133.3	160.4	174.8	174.8	160.4	133.3	96.8	59.2	30.6	13.3				13.8
30																			
20	18.8	19.0	48.3	96.3	147.6	190.6	220.9	236.5	236.5	220.9	190.6	147.6	96.3	48.3	19.0				18.8
10																			
0	20.8	25.5	68.4	127.7	183.5	228.1	258.2	273.1	273.1	258.2	228.1	183.5	127.7	68.4	25.5				20.8
-10																			
-20	18.8	31.9	85.1	149.1	206.3	249.8	277.5	289.9	289.9	277.5	249.8	206.3	149.1	85.1	31.9				18.8
-30																			
-40	13.8	37.1	96.1	162.2	219.1	260.5	282.4	290.0	290.0	282.4	260.5	219.1	162.2	96.1	37.1				13.8
-50																			
-60	7.3	39.8	101.5	168.3	224.8	263.8	281.2	287.3	287.3	281.2	263.8	224.8	168.3	101.5	39.8				7.3
-70																			
-80	1.5	39.8	101.5	168.3	224.8	263.8	281.2	287.3	287.3	281.2	263.8	224.8	168.3	101.5	39.8				1.5
-90																			

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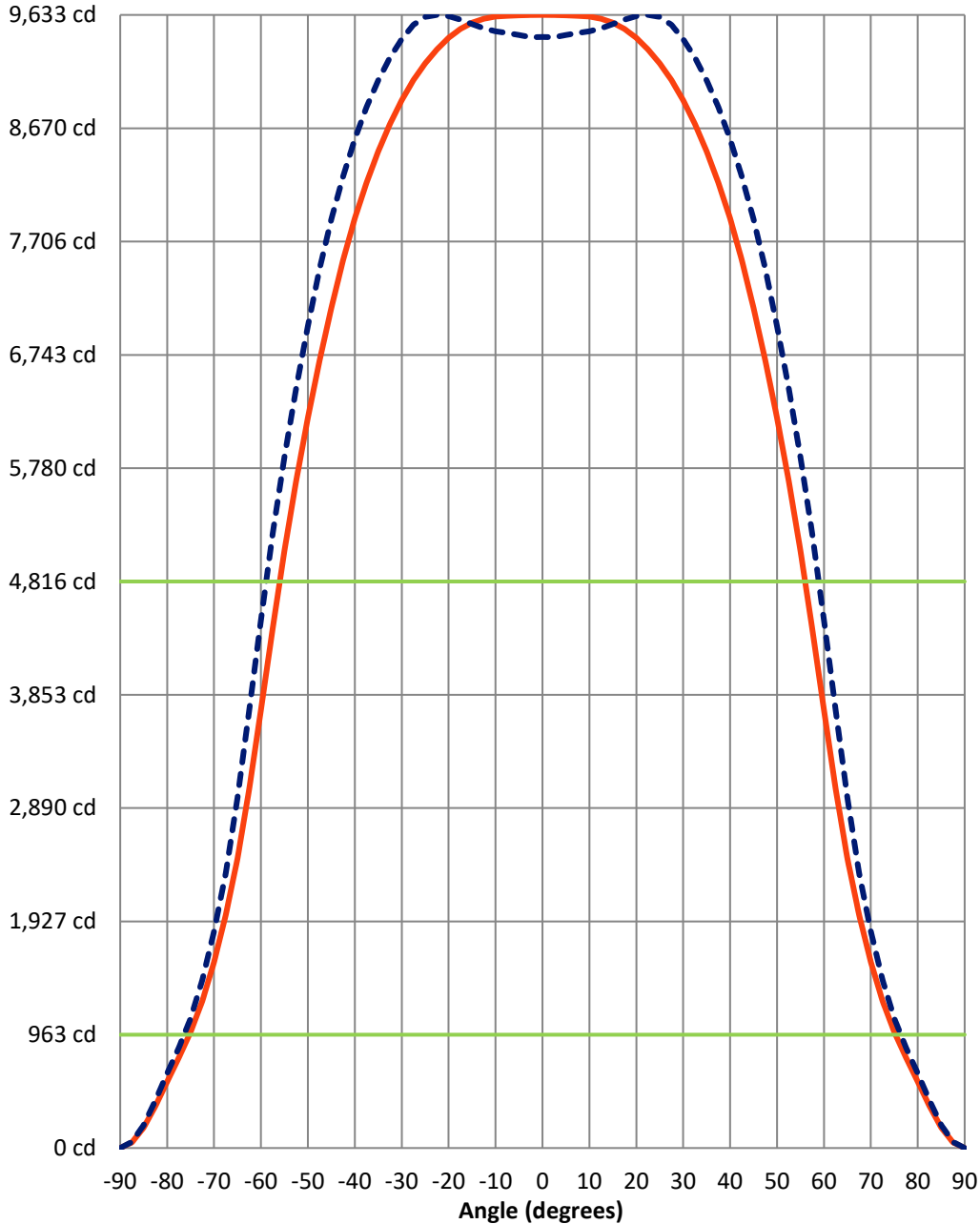
Luminous Intensity Polar Plot





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Luminous Intensity Plot



Beam:
 H Angle: 117.8°
 V Angle: 112°
 Lumens: 24523.5
 Efficiency: 83.2%

Field:
 H Angle: 152.8°
 V Angle: 150.5°
 Lumens: 28888.1
 Efficiency: 98.0%

Spill:
 Lumens: 579.5
 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	2.3	4.6	6.9	9.1	11.4	13.6	15.8	18.0	20.2	22.3
85°	0.0	4.6	9.2	13.7	18.3	22.8	27.2	31.7	36.0	40.3	44.5
82.5°	0.0	6.9	13.7	20.6	27.4	34.1	40.8	47.4	56.1	73.5	90.7
80°	0.0	9.1	18.3	27.4	36.4	45.4	57.1	81.0	104.6	127.8	150.6
77.5°	0.0	11.4	22.8	34.1	45.4	63.3	93.5	123.3	152.7	181.7	216.7
75°	0.0	13.6	27.2	40.8	57.1	93.5	129.6	165.3	202.6	253.1	302.8
72.5°	0.0	15.8	31.7	47.4	81.0	123.3	165.3	211.7	271.4	330.2	388.1
70°	0.0	18.0	36.0	56.1	104.6	152.7	202.6	271.4	339.4	406.6	479.2
67.5°	0.0	20.2	40.3	73.5	127.8	181.7	253.1	330.2	406.6	489.4	570.8
65°	0.0	22.3	44.5	90.7	150.6	216.7	302.8	388.1	479.2	570.8	659.8
62.5°	0.0	24.3	48.6	107.5	173.0	257.4	351.6	448.9	550.5	650.1	744.4
60°	0.0	26.3	52.6	123.9	194.9	297.2	399.3	510.2	620.4	724.9	827.3
57.5°	0.0	28.3	63.3	139.9	225.5	336.1	450.1	570.0	686.2	798.1	915.9
55°	0.0	30.2	73.6	155.5	255.8	373.9	500.0	628.2	749.7	871.6	1005.8
52.5°	0.0	32.1	83.7	170.6	285.2	411.3	548.6	682.5	811.4	950.4	1093.3
50°	0.0	33.9	93.5	185.3	313.6	450.4	595.6	734.9	873.6	1026.8	1202.1
47.5°	0.0	35.6	102.9	200.9	341.0	488.2	640.7	785.4	939.2	1100.7	1310.1
45°	0.0	37.3	111.9	220.7	367.4	524.5	682.3	834.1	1002.5	1193.9	1414.4
42.5°	0.0	38.8	120.6	239.6	392.6	559.3	722.2	884.5	1063.2	1283.8	1537.3
40°	0.0	40.4	128.8	257.7	418.0	592.6	760.4	935.1	1127.1	1369.9	1658.8
37.5°	0.0	41.8	136.7	274.8	443.2	624.2	796.6	983.2	1199.7	1457.9	1774.5
35°	0.0	43.2	144.1	291.0	467.0	653.1	830.9	1028.8	1268.4	1556.2	1892.7
32.5°	0.0	44.4	151.0	306.2	489.4	679.9	864.5	1071.7	1333.1	1648.8	2016.9
30°	0.0	45.6	157.5	320.4	510.3	705.0	898.7	1114.8	1393.7	1735.6	2133.3
27.5°	0.0	46.7	163.5	333.6	529.7	728.2	930.5	1163.8	1455.6	1816.4	2241.7
25°	0.0	47.8	169.1	345.7	547.6	749.6	959.8	1208.9	1521.3	1900.4	2343.0
22.5°	0.0	48.7	174.1	356.8	563.9	769.1	986.5	1250.1	1581.2	1981.9	2461.2
20°	0.0	49.5	178.7	366.7	578.5	786.6	1010.5	1287.1	1635.2	2055.5	2568.0
17.5°	0.0	50.3	182.7	375.6	591.5	802.2	1031.8	1320.1	1683.3	2120.8	2663.0
15°	0.0	50.9	186.2	383.2	602.9	815.8	1050.4	1348.8	1725.1	2177.8	2745.9
12.5°	0.0	51.5	189.2	389.8	612.5	827.3	1066.2	1373.2	1760.7	2226.4	2816.5
10°	0.0	51.9	191.6	395.1	620.4	836.8	1079.2	1393.3	1790.0	2266.3	2874.5
7.5°	0.0	52.2	193.5	399.3	626.6	844.2	1089.3	1408.9	1812.8	2297.4	2919.9
5°	0.0	52.5	194.9	402.3	631.0	849.5	1096.6	1420.1	1829.2	2319.7	2952.4
2.5°	0.0	52.6	195.7	404.1	633.6	852.6	1100.9	1426.9	1839.0	2333.1	2971.9
0°	0.0	52.7	196.0	404.7	634.5	853.7	1102.4	1429.1	1842.3	2337.6	2978.4
-2.5°	0.0	52.6	195.7	404.1	633.6	852.6	1100.9	1426.9	1839.0	2333.1	2971.9
-5°	0.0	52.5	194.9	402.3	631.0	849.5	1096.6	1420.1	1829.2	2319.7	2952.4
-7.5°	0.0	52.2	193.5	399.3	626.6	844.2	1089.3	1408.9	1812.8	2297.4	2919.9
-10°	0.0	51.9	191.6	395.1	620.4	836.8	1079.2	1393.3	1790.0	2266.3	2874.5
-12.5°	0.0	51.5	189.2	389.8	612.5	827.3	1066.2	1373.2	1760.7	2226.4	2816.5
-15°	0.0	50.9	186.2	383.2	602.9	815.8	1050.4	1348.8	1725.1	2177.8	2745.9
-17.5°	0.0	50.3	182.7	375.6	591.5	802.2	1031.8	1320.1	1683.3	2120.8	2663.0
-20°	0.0	49.5	178.7	366.7	578.5	786.6	1010.5	1287.1	1635.2	2055.5	2568.0

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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	48.7	174.1	356.8	563.9	769.1	986.5	1250.1	1581.2	1981.9	2461.2
-25°	0.0	47.8	169.1	345.7	547.6	749.6	959.8	1208.9	1521.3	1900.4	2343.0
-27.5°	0.0	46.7	163.5	333.6	529.7	728.2	930.5	1163.8	1455.6	1816.4	2241.7
-30°	0.0	45.6	157.5	320.4	510.3	705.0	898.7	1114.8	1393.7	1735.6	2133.3
-32.5°	0.0	44.4	151.0	306.2	489.4	679.9	864.5	1071.7	1333.1	1648.8	2016.9
-35°	0.0	43.2	144.1	291.0	467.0	653.1	830.9	1028.8	1268.4	1556.2	1892.7
-37.5°	0.0	41.8	136.7	274.8	443.2	624.2	796.6	983.2	1199.7	1457.9	1774.5
-40°	0.0	40.4	128.8	257.7	418.0	592.6	760.4	935.1	1127.1	1369.9	1658.8
-42.5°	0.0	38.8	120.6	239.6	392.6	559.3	722.2	884.5	1063.2	1283.8	1537.3
-45°	0.0	37.3	111.9	220.7	367.4	524.5	682.3	834.1	1002.5	1193.9	1414.4
-47.5°	0.0	35.6	102.9	200.9	341.0	488.2	640.7	785.4	939.2	1100.7	1310.1
-50°	0.0	33.9	93.5	185.3	313.6	450.4	595.6	734.9	873.6	1026.8	1202.1
-52.5°	0.0	32.1	83.7	170.6	285.2	411.3	548.6	682.5	811.4	950.4	1093.3
-55°	0.0	30.2	73.6	155.5	255.8	373.9	500.0	628.2	749.7	871.6	1005.8
-57.5°	0.0	28.3	63.3	139.9	225.5	336.1	450.1	570.0	686.2	798.1	915.9
-60°	0.0	26.3	52.6	123.9	194.9	297.2	399.3	510.2	620.4	724.9	827.3
-62.5°	0.0	24.3	48.6	107.5	173.0	257.4	351.6	448.9	550.5	650.1	744.4
-65°	0.0	22.3	44.5	90.7	150.6	216.7	302.8	388.1	479.2	570.8	659.8
-67.5°	0.0	20.2	40.3	73.5	127.8	181.7	253.1	330.2	406.6	489.4	570.8
-70°	0.0	18.0	36.0	56.1	104.6	152.7	202.6	271.4	339.4	406.6	479.2
-72.5°	0.0	15.8	31.7	47.4	81.0	123.3	165.3	211.7	271.4	330.2	388.1
-75°	0.0	13.6	27.2	40.8	57.1	93.5	129.6	165.3	202.6	253.1	302.8
-77.5°	0.0	11.4	22.8	34.1	45.4	63.3	93.5	123.3	152.7	181.7	216.7
-80°	0.0	9.1	18.3	27.4	36.4	45.4	57.1	81.0	104.6	127.8	150.6
-82.5°	0.0	6.9	13.7	20.6	27.4	34.1	40.8	47.4	56.1	73.5	90.7
-85°	0.0	4.6	9.2	13.7	18.3	22.8	27.2	31.7	36.0	40.3	44.5
-87.5°	0.0	2.3	4.6	6.9	9.1	11.4	13.6	15.8	18.0	20.2	22.3
-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°	24.3	26.3	28.3	30.2	32.1	33.9	35.6	37.3	38.8	40.4	41.8
85°	48.6	52.6	63.3	73.6	83.7	93.5	102.9	111.9	120.6	128.8	136.7
82.5°	107.5	123.9	139.9	155.5	170.6	185.3	200.9	220.7	239.6	257.7	274.8
80°	173.0	194.9	225.5	255.8	285.2	313.6	341.0	367.4	392.6	418.0	443.2
77.5°	257.4	297.2	336.1	373.9	411.3	450.4	488.2	524.5	559.3	592.6	624.2
75°	351.6	399.3	450.1	500.0	548.6	595.6	640.7	682.3	722.2	760.4	796.6
72.5°	448.9	510.2	570.0	628.2	682.5	734.9	785.4	834.1	884.5	935.1	983.2
70°	550.5	620.4	686.2	749.7	811.4	873.6	939.2	1002.5	1063.2	1127.1	1199.7
67.5°	650.1	724.9	798.1	871.6	950.4	1026.8	1100.7	1193.9	1283.8	1369.9	1457.9
65°	744.4	827.3	915.9	1005.8	1093.3	1202.1	1310.1	1414.4	1537.3	1658.8	1774.5
62.5°	837.1	938.1	1039.2	1149.2	1275.6	1398.5	1541.0	1686.4	1826.3	1984.0	2137.4
60°	938.1	1050.4	1178.7	1320.1	1465.6	1635.2	1799.8	1981.9	2165.6	2343.0	2560.7
57.5°	1039.2	1178.7	1335.0	1503.4	1692.2	1882.8	2096.7	2303.8	2552.1	2800.3	3047.1
55°	1149.2	1320.1	1503.4	1711.3	1928.8	2166.2	2414.3	2703.5	2983.4	3295.3	3593.9
52.5°	1275.6	1465.6	1692.2	1928.8	2189.4	2474.9	2795.1	3126.2	3475.0	3813.6	4145.7
50°	1398.5	1635.2	1882.8	2166.2	2474.9	2825.8	3198.1	3583.8	3964.5	4335.9	4683.7
47.5°	1541.0	1799.8	2096.7	2414.3	2795.1	3198.1	3620.3	4040.5	4451.1	4832.1	5197.0
45°	1686.4	1981.9	2303.8	2703.5	3126.2	3583.8	4040.5	4489.7	4906.9	5300.6	5645.0
42.5°	1826.3	2165.6	2552.1	2983.4	3475.0	3964.5	4451.1	4906.9	5334.3	5713.5	6059.4
40°	1984.0	2343.0	2800.3	3295.3	3813.6	4335.9	4832.1	5300.6	5713.5	6091.0	6441.3
37.5°	2137.4	2560.7	3047.1	3593.9	4145.7	4683.7	5197.0	5645.0	6059.4	6441.3	6777.3
35°	2283.1	2767.8	3309.4	3883.4	4462.7	5009.7	5509.3	5965.4	6377.1	6747.6	7091.2
32.5°	2445.1	2963.5	3557.7	4161.5	4751.5	5308.5	5803.8	6249.9	6659.2	7035.5	7376.8
30°	2612.1	3174.5	3793.3	4423.4	5022.8	5567.6	6062.0	6513.8	6919.8	7291.5	7625.9
27.5°	2767.8	3373.6	4018.0	4660.4	5270.6	5810.5	6298.3	6743.0	7151.5	7525.7	7849.7
25°	2911.5	3557.7	4226.1	4877.4	5479.2	6020.4	6512.6	6957.0	7363.1	7722.2	8037.2
22.5°	3053.4	3726.3	4416.7	5076.5	5670.9	6208.0	6695.7	7141.3	7547.7	7903.4	8205.7
20°	3191.3	3883.4	4584.9	5253.1	5844.8	6378.5	6862.4	7307.2	7702.7	8047.1	8348.1
17.5°	3314.1	4023.4	4732.1	5395.6	5987.8	6524.0	7009.9	7456.2	7842.1	8176.8	8471.0
15°	3421.4	4145.7	4860.8	5520.4	6110.8	6644.9	7130.8	7572.2	7955.5	8287.4	8579.6
12.5°	3512.7	4250.0	4970.6	5627.0	6215.9	6748.3	7234.4	7669.6	8046.6	8374.2	8660.0
10°	3587.9	4335.9	5061.1	5714.8	6302.6	6833.8	7320.1	7750.3	8122.0	8446.2	8727.0
7.5°	3646.6	4403.0	5131.8	5783.6	6370.6	6900.7	7387.3	7813.7	8181.4	8503.0	8779.8
5°	3688.7	4451.1	5182.6	5832.9	6419.3	6948.8	7435.6	7859.3	8224.2	8543.9	8818.0
2.5°	3714.1	4480.0	5213.1	5862.6	6448.7	6977.8	7464.8	7886.8	8250.0	8568.6	8841.1
0°	3722.5	4489.7	5223.3	5872.5	6458.5	6987.5	7474.5	7896.0	8258.6	8576.9	8848.8
-2.5°	3714.1	4480.0	5213.1	5862.6	6448.7	6977.8	7464.8	7886.8	8250.0	8568.6	8841.1
-5°	3688.7	4451.1	5182.6	5832.9	6419.3	6948.8	7435.6	7859.3	8224.2	8543.9	8818.0
-7.5°	3646.6	4403.0	5131.8	5783.6	6370.6	6900.7	7387.3	7813.7	8181.4	8503.0	8779.8
-10°	3587.9	4335.9	5061.1	5714.8	6302.6	6833.8	7320.1	7750.3	8122.0	8446.2	8727.0
-12.5°	3512.7	4250.0	4970.6	5627.0	6215.9	6748.3	7234.4	7669.6	8046.6	8374.2	8660.0
-15°	3421.4	4145.7	4860.8	5520.4	6110.8	6644.9	7130.8	7572.2	7955.5	8287.4	8579.6
-17.5°	3314.1	4023.4	4732.1	5395.6	5987.8	6524.0	7009.9	7456.2	7842.1	8176.8	8471.0
-20°	3191.3	3883.4	4584.9	5253.1	5844.8	6378.5	6862.4	7307.2	7702.7	8047.1	8348.1



REPORT NUMBER: P645556 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-740-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°	3053.4	3726.3	4416.7	5076.5	5670.9	6208.0	6695.7	7141.3	7547.7	7903.4	8205.7
-25°	2911.5	3557.7	4226.1	4877.4	5479.2	6020.4	6512.6	6957.0	7363.1	7722.2	8037.2
-27.5°	2767.8	3373.6	4018.0	4660.4	5270.6	5810.5	6298.3	6743.0	7151.5	7525.7	7849.7
-30°	2612.1	3174.5	3793.3	4423.4	5022.8	5567.6	6062.0	6513.8	6919.8	7291.5	7625.9
-32.5°	2445.1	2963.5	3557.7	4161.5	4751.5	5308.5	5803.8	6249.9	6659.2	7035.5	7376.8
-35°	2283.1	2767.8	3309.4	3883.4	4462.7	5009.7	5509.3	5965.4	6377.1	6747.6	7091.2
-37.5°	2137.4	2560.7	3047.1	3593.9	4145.7	4683.7	5197.0	5645.0	6059.4	6441.3	6777.3
-40°	1984.0	2343.0	2800.3	3295.3	3813.6	4335.9	4832.1	5300.6	5713.5	6091.0	6441.3
-42.5°	1826.3	2165.6	2552.1	2983.4	3475.0	3964.5	4451.1	4906.9	5334.3	5713.5	6059.4
-45°	1686.4	1981.9	2303.8	2703.5	3126.2	3583.8	4040.5	4489.7	4906.9	5300.6	5645.0
-47.5°	1541.0	1799.8	2096.7	2414.3	2795.1	3198.1	3620.3	4040.5	4451.1	4832.1	5197.0
-50°	1398.5	1635.2	1882.8	2166.2	2474.9	2825.8	3198.1	3583.8	3964.5	4335.9	4683.7
-52.5°	1275.6	1465.6	1692.2	1928.8	2189.4	2474.9	2795.1	3126.2	3475.0	3813.6	4145.7
-55°	1149.2	1320.1	1503.4	1711.3	1928.8	2166.2	2414.3	2703.5	2983.4	3295.3	3593.9
-57.5°	1039.2	1178.7	1335.0	1503.4	1692.2	1882.8	2096.7	2303.8	2552.1	2800.3	3047.1
-60°	938.1	1050.4	1178.7	1320.1	1465.6	1635.2	1799.8	1981.9	2165.6	2343.0	2560.7
-62.5°	837.1	938.1	1039.2	1149.2	1275.6	1398.5	1541.0	1686.4	1826.3	1984.0	2137.4
-65°	744.4	827.3	915.9	1005.8	1093.3	1202.1	1310.1	1414.4	1537.3	1658.8	1774.5
-67.5°	650.1	724.9	798.1	871.6	950.4	1026.8	1100.7	1193.9	1283.8	1369.9	1457.9
-70°	550.5	620.4	686.2	749.7	811.4	873.6	939.2	1002.5	1063.2	1127.1	1199.7
-72.5°	448.9	510.2	570.0	628.2	682.5	734.9	785.4	834.1	884.5	935.1	983.2
-75°	351.6	399.3	450.1	500.0	548.6	595.6	640.7	682.3	722.2	760.4	796.6
-77.5°	257.4	297.2	336.1	373.9	411.3	450.4	488.2	524.5	559.3	592.6	624.2
-80°	173.0	194.9	225.5	255.8	285.2	313.6	341.0	367.4	392.6	418.0	443.2
-82.5°	107.5	123.9	139.9	155.5	170.6	185.3	200.9	220.7	239.6	257.7	274.8
-85°	48.6	52.6	63.3	73.6	83.7	93.5	102.9	111.9	120.6	128.8	136.7
-87.5°	24.3	26.3	28.3	30.2	32.1	33.9	35.6	37.3	38.8	40.4	41.8
-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: P645556 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-740-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°	43.2	44.4	45.6	46.7	47.8	48.7	49.5	50.3	50.9	51.5	51.9
85°	144.1	151.0	157.5	163.5	169.1	174.1	178.7	182.7	186.2	189.2	191.6
82.5°	291.0	306.2	320.4	333.6	345.7	356.8	366.7	375.6	383.2	389.8	395.1
80°	467.0	489.4	510.3	529.7	547.6	563.9	578.5	591.5	602.9	612.5	620.4
77.5°	653.1	679.9	705.0	728.2	749.6	769.1	786.6	802.2	815.8	827.3	836.8
75°	830.9	864.5	898.7	930.5	959.8	986.5	1010.5	1031.8	1050.4	1066.2	1079.2
72.5°	1028.8	1071.7	1114.8	1163.8	1208.9	1250.1	1287.1	1320.1	1348.8	1373.2	1393.3
70°	1268.4	1333.1	1393.7	1455.6	1521.3	1581.2	1635.2	1683.3	1725.1	1760.7	1790.0
67.5°	1556.2	1648.8	1735.6	1816.4	1900.4	1981.9	2055.5	2120.8	2177.8	2226.4	2266.3
65°	1892.7	2016.9	2133.3	2241.7	2343.0	2461.2	2568.0	2663.0	2745.9	2816.5	2874.5
62.5°	2283.1	2445.1	2612.1	2767.8	2911.5	3053.4	3191.3	3314.1	3421.4	3512.7	3587.9
60°	2767.8	2963.5	3174.5	3373.6	3557.7	3726.3	3883.4	4023.4	4145.7	4250.0	4335.9
57.5°	3309.4	3557.7	3793.3	4018.0	4226.1	4416.7	4584.9	4732.1	4860.8	4970.6	5061.1
55°	3883.4	4161.5	4423.4	4660.4	4877.4	5076.5	5253.1	5395.6	5520.4	5627.0	5714.8
52.5°	4462.7	4751.5	5022.8	5270.6	5479.2	5670.9	5844.8	5987.8	6110.8	6215.9	6302.6
50°	5009.7	5308.5	5567.6	5810.5	6020.4	6208.0	6378.5	6524.0	6644.9	6748.3	6833.8
47.5°	5509.3	5803.8	6062.0	6298.3	6512.6	6695.7	6862.4	7009.9	7130.8	7234.4	7320.1
45°	5965.4	6249.9	6513.8	6743.0	6957.0	7141.3	7307.2	7456.2	7572.2	7669.6	7750.3
42.5°	6377.1	6659.2	6919.8	7151.5	7363.1	7547.7	7702.7	7842.1	7955.5	8046.6	8122.0
40°	6747.6	7035.5	7291.5	7525.7	7722.2	7903.4	8047.1	8176.8	8287.4	8374.2	8446.2
37.5°	7091.2	7376.8	7625.9	7849.7	8037.2	8205.7	8348.1	8471.0	8579.6	8660.0	8727.0
35°	7405.4	7676.6	7923.1	8128.3	8314.2	8472.8	8613.0	8726.4	8827.2	8903.9	8964.9
32.5°	7676.6	7945.5	8174.4	8376.5	8558.0	8706.0	8840.4	8944.2	9035.7	9109.5	9166.3
30°	7923.1	8174.4	8397.4	8597.6	8762.9	8907.1	9028.0	9129.5	9214.1	9284.4	9334.3
27.5°	8128.3	8376.5	8597.6	8782.1	8940.3	9079.0	9189.8	9287.5	9361.3	9426.0	9469.0
25°	8314.2	8558.0	8762.9	8940.3	9093.8	9220.6	9326.0	9414.4	9479.9	9535.4	9567.3
22.5°	8472.8	8706.0	8907.1	9079.0	9220.6	9339.0	9438.3	9513.3	9566.8	9600.4	9619.3
20°	8613.0	8840.4	9028.0	9189.8	9326.0	9438.3	9524.6	9580.0	9617.3	9626.5	9631.9
17.5°	8726.4	8944.2	9129.5	9287.5	9414.4	9513.3	9580.0	9619.0	9630.2	9628.2	9622.7
15°	8827.2	9035.7	9214.1	9361.3	9479.9	9566.8	9617.3	9630.2	9627.0	9615.7	9598.4
12.5°	8903.9	9109.5	9284.4	9426.0	9535.4	9600.4	9626.5	9628.2	9615.7	9594.2	9569.5
10°	8964.9	9166.3	9334.3	9469.0	9567.3	9619.3	9631.9	9622.7	9598.4	9569.5	9542.1
7.5°	9013.2	9211.3	9374.0	9503.2	9588.2	9625.1	9627.9	9610.5	9581.2	9548.4	9518.9
5°	9048.2	9244.0	9402.9	9528.3	9603.5	9629.4	9624.9	9600.9	9567.0	9532.7	9505.6
2.5°	9069.3	9263.8	9420.4	9543.5	9612.9	9632.0	9623.0	9594.9	9558.0	9522.6	9496.9
0°	9076.4	9270.4	9426.3	9548.6	9616.0	9632.9	9622.4	9592.9	9554.9	9519.1	9493.8
-2.5°	9069.3	9263.8	9420.4	9543.5	9612.9	9632.0	9623.0	9594.9	9558.0	9522.6	9496.9
-5°	9048.2	9244.0	9402.9	9528.3	9603.5	9629.4	9624.9	9600.9	9567.0	9532.7	9505.6
-7.5°	9013.2	9211.3	9374.0	9503.2	9588.2	9625.1	9627.9	9610.5	9581.2	9548.4	9518.9
-10°	8964.9	9166.3	9334.3	9469.0	9567.3	9619.3	9631.9	9622.7	9598.4	9569.5	9542.1
-12.5°	8903.9	9109.5	9284.4	9426.0	9535.4	9600.4	9626.5	9628.2	9615.7	9594.2	9569.5
-15°	8827.2	9035.7	9214.1	9361.3	9479.9	9566.8	9617.3	9630.2	9627.0	9615.7	9598.4
-17.5°	8726.4	8944.2	9129.5	9287.5	9414.4	9513.3	9580.0	9619.0	9630.2	9628.2	9622.7
-20°	8613.0	8840.4	9028.0	9189.8	9326.0	9438.3	9524.6	9580.0	9617.3	9626.5	9631.9



REPORT NUMBER: P645556 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-740-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	8472.8	8706.0	8907.1	9079.0	9220.6	9339.0	9438.3	9513.3	9566.8	9600.4	9619.3
-25°	8314.2	8558.0	8762.9	8940.3	9093.8	9220.6	9326.0	9414.4	9479.9	9535.4	9567.3
-27.5°	8128.3	8376.5	8597.6	8782.1	8940.3	9079.0	9189.8	9287.5	9361.3	9426.0	9469.0
-30°	7923.1	8174.4	8397.4	8597.6	8762.9	8907.1	9028.0	9129.5	9214.1	9284.4	9334.3
-32.5°	7676.6	7945.5	8174.4	8376.5	8558.0	8706.0	8840.4	8944.2	9035.7	9109.5	9166.3
-35°	7405.4	7676.6	7923.1	8128.3	8314.2	8472.8	8613.0	8726.4	8827.2	8903.9	8964.9
-37.5°	7091.2	7376.8	7625.9	7849.7	8037.2	8205.7	8348.1	8471.0	8579.6	8660.0	8727.0
-40°	6747.6	7035.5	7291.5	7525.7	7722.2	7903.4	8047.1	8176.8	8287.4	8374.2	8446.2
-42.5°	6377.1	6659.2	6919.8	7151.5	7363.1	7547.7	7702.7	7842.1	7955.5	8046.6	8122.0
-45°	5965.4	6249.9	6513.8	6743.0	6957.0	7141.3	7307.2	7456.2	7572.2	7669.6	7750.3
-47.5°	5509.3	5803.8	6062.0	6298.3	6512.6	6695.7	6862.4	7009.9	7130.8	7234.4	7320.1
-50°	5009.7	5308.5	5567.6	5810.5	6020.4	6208.0	6378.5	6524.0	6644.9	6748.3	6833.8
-52.5°	4462.7	4751.5	5022.8	5270.6	5479.2	5670.9	5844.8	5987.8	6110.8	6215.9	6302.6
-55°	3883.4	4161.5	4423.4	4660.4	4877.4	5076.5	5253.1	5395.6	5520.4	5627.0	5714.8
-57.5°	3309.4	3557.7	3793.3	4018.0	4226.1	4416.7	4584.9	4732.1	4860.8	4970.6	5061.1
-60°	2767.8	2963.5	3174.5	3373.6	3557.7	3726.3	3883.4	4023.4	4145.7	4250.0	4335.9
-62.5°	2283.1	2445.1	2612.1	2767.8	2911.5	3053.4	3191.3	3314.1	3421.4	3512.7	3587.9
-65°	1892.7	2016.9	2133.3	2241.7	2343.0	2461.2	2568.0	2663.0	2745.9	2816.5	2874.5
-67.5°	1556.2	1648.8	1735.6	1816.4	1900.4	1981.9	2055.5	2120.8	2177.8	2226.4	2266.3
-70°	1268.4	1333.1	1393.7	1455.6	1521.3	1581.2	1635.2	1683.3	1725.1	1760.7	1790.0
-72.5°	1028.8	1071.7	1114.8	1163.8	1208.9	1250.1	1287.1	1320.1	1348.8	1373.2	1393.3
-75°	830.9	864.5	898.7	930.5	959.8	986.5	1010.5	1031.8	1050.4	1066.2	1079.2
-77.5°	653.1	679.9	705.0	728.2	749.6	769.1	786.6	802.2	815.8	827.3	836.8
-80°	467.0	489.4	510.3	529.7	547.6	563.9	578.5	591.5	602.9	612.5	620.4
-82.5°	291.0	306.2	320.4	333.6	345.7	356.8	366.7	375.6	383.2	389.8	395.1
-85°	144.1	151.0	157.5	163.5	169.1	174.1	178.7	182.7	186.2	189.2	191.6
-87.5°	43.2	44.4	45.6	46.7	47.8	48.7	49.5	50.3	50.9	51.5	51.9
-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: P645556 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-740-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°	52.2	52.5	52.6	52.7	52.6	52.5	52.2	51.9	51.5	50.9	50.3
85°	193.5	194.9	195.7	196.0	195.7	194.9	193.5	191.6	189.2	186.2	182.7
82.5°	399.3	402.3	404.1	404.7	404.1	402.3	399.3	395.1	389.8	383.2	375.6
80°	626.6	631.0	633.6	634.5	633.6	631.0	626.6	620.4	612.5	602.9	591.5
77.5°	844.2	849.5	852.6	853.7	852.6	849.5	844.2	836.8	827.3	815.8	802.2
75°	1089.3	1096.6	1100.9	1102.4	1100.9	1096.6	1089.3	1079.2	1066.2	1050.4	1031.8
72.5°	1408.9	1420.1	1426.9	1429.1	1426.9	1420.1	1408.9	1393.3	1373.2	1348.8	1320.1
70°	1812.8	1829.2	1839.0	1842.3	1839.0	1829.2	1812.8	1790.0	1760.7	1725.1	1683.3
67.5°	2297.4	2319.7	2333.1	2337.6	2333.1	2319.7	2297.4	2266.3	2226.4	2177.8	2120.8
65°	2919.9	2952.4	2971.9	2978.4	2971.9	2952.4	2919.9	2874.5	2816.5	2745.9	2663.0
62.5°	3646.6	3688.7	3714.1	3722.5	3714.1	3688.7	3646.6	3587.9	3512.7	3421.4	3314.1
60°	4403.0	4451.1	4480.0	4489.7	4480.0	4451.1	4403.0	4335.9	4250.0	4145.7	4023.4
57.5°	5131.8	5182.6	5213.1	5223.3	5213.1	5182.6	5131.8	5061.1	4970.6	4860.8	4732.1
55°	5783.6	5832.9	5862.6	5872.5	5862.6	5832.9	5783.6	5714.8	5627.0	5520.4	5395.6
52.5°	6370.6	6419.3	6448.7	6458.5	6448.7	6419.3	6370.6	6302.6	6215.9	6110.8	5987.8
50°	6900.7	6948.8	6977.8	6987.5	6977.8	6948.8	6900.7	6833.8	6748.3	6644.9	6524.0
47.5°	7387.3	7435.6	7464.8	7474.5	7464.8	7435.6	7387.3	7320.1	7234.4	7130.8	7009.9
45°	7813.7	7859.3	7886.8	7896.0	7886.8	7859.3	7813.7	7750.3	7669.6	7572.2	7456.2
42.5°	8181.4	8224.2	8250.0	8258.6	8250.0	8224.2	8181.4	8122.0	8046.6	7955.5	7842.1
40°	8503.0	8543.9	8568.6	8576.9	8568.6	8543.9	8503.0	8446.2	8374.2	8287.4	8176.8
37.5°	8779.8	8818.0	8841.1	8848.8	8841.1	8818.0	8779.8	8727.0	8660.0	8579.6	8471.0
35°	9013.2	9048.2	9069.3	9076.4	9069.3	9048.2	9013.2	8964.9	8903.9	8827.2	8726.4
32.5°	9211.3	9244.0	9263.8	9270.4	9263.8	9244.0	9211.3	9166.3	9109.5	9035.7	8944.2
30°	9374.0	9402.9	9420.4	9426.3	9420.4	9402.9	9374.0	9334.3	9284.4	9214.1	9129.5
27.5°	9503.2	9528.3	9543.5	9548.6	9543.5	9528.3	9503.2	9469.0	9426.0	9361.3	9287.5
25°	9588.2	9603.5	9612.9	9616.0	9612.9	9603.5	9588.2	9567.3	9535.4	9479.9	9414.4
22.5°	9625.1	9629.4	9632.0	9632.9	9632.0	9629.4	9625.1	9619.3	9600.4	9566.8	9513.3
20°	9627.9	9624.9	9623.0	9622.4	9623.0	9624.9	9627.9	9631.9	9626.5	9617.3	9580.0
17.5°	9610.5	9600.9	9594.9	9592.9	9594.9	9600.9	9610.5	9622.7	9628.2	9630.2	9619.0
15°	9581.2	9567.0	9558.0	9554.9	9558.0	9567.0	9581.2	9598.4	9615.7	9627.0	9630.2
12.5°	9548.4	9532.7	9522.6	9519.1	9522.6	9532.7	9548.4	9569.5	9594.2	9615.7	9628.2
10°	9518.9	9505.6	9496.9	9493.8	9496.9	9505.6	9518.9	9542.1	9569.5	9598.4	9622.7
7.5°	9499.8	9487.9	9481.4	9479.0	9481.4	9487.9	9499.8	9518.9	9548.4	9581.2	9610.5
5°	9487.9	9476.1	9466.2	9462.2	9466.2	9476.1	9487.9	9505.6	9532.7	9567.0	9600.9
2.5°	9481.4	9466.2	9451.1	9443.2	9451.1	9466.2	9481.4	9496.9	9522.6	9558.0	9594.9
0°	9479.0	9462.2	9443.2	9445.3	9443.2	9462.2	9479.0	9493.8	9519.1	9554.9	9592.9
-2.5°	9481.4	9466.2	9451.1	9443.2	9451.1	9466.2	9481.4	9496.9	9522.6	9558.0	9594.9
-5°	9487.9	9476.1	9466.2	9462.2	9466.2	9476.1	9487.9	9505.6	9532.7	9567.0	9600.9
-7.5°	9499.8	9487.9	9481.4	9479.0	9481.4	9487.9	9499.8	9518.9	9548.4	9581.2	9610.5
-10°	9518.9	9505.6	9496.9	9493.8	9496.9	9505.6	9518.9	9542.1	9569.5	9598.4	9622.7
-12.5°	9548.4	9532.7	9522.6	9519.1	9522.6	9532.7	9548.4	9569.5	9594.2	9615.7	9628.2
-15°	9581.2	9567.0	9558.0	9554.9	9558.0	9567.0	9581.2	9598.4	9615.7	9627.0	9630.2
-17.5°	9610.5	9600.9	9594.9	9592.9	9594.9	9600.9	9610.5	9622.7	9628.2	9630.2	9619.0
-20°	9627.9	9624.9	9623.0	9622.4	9623.0	9624.9	9627.9	9631.9	9626.5	9617.3	9580.0

Classified

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

Scaled Data Report



REPORT NUMBER: P645556 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6B-740-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°	9625.1	9629.4	9632.0	9632.9	9632.0	9629.4	9625.1	9619.3	9600.4	9566.8	9513.3
-25°	9588.2	9603.5	9612.9	9616.0	9612.9	9603.5	9588.2	9567.3	9535.4	9479.9	9414.4
-27.5°	9503.2	9528.3	9543.5	9548.6	9543.5	9528.3	9503.2	9469.0	9426.0	9361.3	9287.5
-30°	9374.0	9402.9	9420.4	9426.3	9420.4	9402.9	9374.0	9334.3	9284.4	9214.1	9129.5
-32.5°	9211.3	9244.0	9263.8	9270.4	9263.8	9244.0	9211.3	9166.3	9109.5	9035.7	8944.2
-35°	9013.2	9048.2	9069.3	9076.4	9069.3	9048.2	9013.2	8964.9	8903.9	8827.2	8726.4
-37.5°	8779.8	8818.0	8841.1	8848.8	8841.1	8818.0	8779.8	8727.0	8660.0	8579.6	8471.0
-40°	8503.0	8543.9	8568.6	8576.9	8568.6	8543.9	8503.0	8446.2	8374.2	8287.4	8176.8
-42.5°	8181.4	8224.2	8250.0	8258.6	8250.0	8224.2	8181.4	8122.0	8046.6	7955.5	7842.1
-45°	7813.7	7859.3	7886.8	7896.0	7886.8	7859.3	7813.7	7750.3	7669.6	7572.2	7456.2
-47.5°	7387.3	7435.6	7464.8	7474.5	7464.8	7435.6	7387.3	7320.1	7234.4	7130.8	7009.9
-50°	6900.7	6948.8	6977.8	6987.5	6977.8	6948.8	6900.7	6833.8	6748.3	6644.9	6524.0
-52.5°	6370.6	6419.3	6448.7	6458.5	6448.7	6419.3	6370.6	6302.6	6215.9	6110.8	5987.8
-55°	5783.6	5832.9	5862.6	5872.5	5862.6	5832.9	5783.6	5714.8	5627.0	5520.4	5395.6
-57.5°	5131.8	5182.6	5213.1	5223.3	5213.1	5182.6	5131.8	5061.1	4970.6	4860.8	4732.1
-60°	4403.0	4451.1	4480.0	4489.7	4480.0	4451.1	4403.0	4335.9	4250.0	4145.7	4023.4
-62.5°	3646.6	3688.7	3714.1	3722.5	3714.1	3688.7	3646.6	3587.9	3512.7	3421.4	3314.1
-65°	2919.9	2952.4	2971.9	2978.4	2971.9	2952.4	2919.9	2874.5	2816.5	2745.9	2663.0
-67.5°	2297.4	2319.7	2333.1	2337.6	2333.1	2319.7	2297.4	2266.3	2226.4	2177.8	2120.8
-70°	1812.8	1829.2	1839.0	1842.3	1839.0	1829.2	1812.8	1790.0	1760.7	1725.1	1683.3
-72.5°	1408.9	1420.1	1426.9	1429.1	1426.9	1420.1	1408.9	1393.3	1373.2	1348.8	1320.1
-75°	1089.3	1096.6	1100.9	1102.4	1100.9	1096.6	1089.3	1079.2	1066.2	1050.4	1031.8
-77.5°	844.2	849.5	852.6	853.7	852.6	849.5	844.2	836.8	827.3	815.8	802.2
-80°	626.6	631.0	633.6	634.5	633.6	631.0	626.6	620.4	612.5	602.9	591.5
-82.5°	399.3	402.3	404.1	404.7	404.1	402.3	399.3	395.1	389.8	383.2	375.6
-85°	193.5	194.9	195.7	196.0	195.7	194.9	193.5	191.6	189.2	186.2	182.7
-87.5°	52.2	52.5	52.6	52.7	52.6	52.5	52.2	51.9	51.5	50.9	50.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645556 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-740-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°	49.5	48.7	47.8	46.7	45.6	44.4	43.2	41.8	40.4	38.8	37.3
85°	178.7	174.1	169.1	163.5	157.5	151.0	144.1	136.7	128.8	120.6	111.9
82.5°	366.7	356.8	345.7	333.6	320.4	306.2	291.0	274.8	257.7	239.6	220.7
80°	578.5	563.9	547.6	529.7	510.3	489.4	467.0	443.2	418.0	392.6	367.4
77.5°	786.6	769.1	749.6	728.2	705.0	679.9	653.1	624.2	592.6	559.3	524.5
75°	1010.5	986.5	959.8	930.5	898.7	864.5	830.9	796.6	760.4	722.2	682.3
72.5°	1287.1	1250.1	1208.9	1163.8	1114.8	1071.7	1028.8	983.2	935.1	884.5	834.1
70°	1635.2	1581.2	1521.3	1455.6	1393.7	1333.1	1268.4	1199.7	1127.1	1063.2	1002.5
67.5°	2055.5	1981.9	1900.4	1816.4	1735.6	1648.8	1556.2	1457.9	1369.9	1283.8	1193.9
65°	2568.0	2461.2	2343.0	2241.7	2133.3	2016.9	1892.7	1774.5	1658.8	1537.3	1414.4
62.5°	3191.3	3053.4	2911.5	2767.8	2612.1	2445.1	2283.1	2137.4	1984.0	1826.3	1686.4
60°	3883.4	3726.3	3557.7	3373.6	3174.5	2963.5	2767.8	2560.7	2343.0	2165.6	1981.9
57.5°	4584.9	4416.7	4226.1	4018.0	3793.3	3557.7	3309.4	3047.1	2800.3	2552.1	2303.8
55°	5253.1	5076.5	4877.4	4660.4	4423.4	4161.5	3883.4	3593.9	3295.3	2983.4	2703.5
52.5°	5844.8	5670.9	5479.2	5270.6	5022.8	4751.5	4462.7	4145.7	3813.6	3475.0	3126.2
50°	6378.5	6208.0	6020.4	5810.5	5567.6	5308.5	5009.7	4683.7	4335.9	3964.5	3583.8
47.5°	6862.4	6695.7	6512.6	6298.3	6062.0	5803.8	5509.3	5197.0	4832.1	4451.1	4040.5
45°	7307.2	7141.3	6957.0	6743.0	6513.8	6249.9	5965.4	5645.0	5300.6	4906.9	4489.7
42.5°	7702.7	7547.7	7363.1	7151.5	6919.8	6659.2	6377.1	6059.4	5713.5	5334.3	4906.9
40°	8047.1	7903.4	7722.2	7525.7	7291.5	7035.5	6747.6	6441.3	6091.0	5713.5	5300.6
37.5°	8348.1	8205.7	8037.2	7849.7	7625.9	7376.8	7091.2	6777.3	6441.3	6059.4	5645.0
35°	8613.0	8472.8	8314.2	8128.3	7923.1	7676.6	7405.4	7091.2	6747.6	6377.1	5965.4
32.5°	8840.4	8706.0	8558.0	8376.5	8174.4	7945.5	7676.6	7376.8	7035.5	6659.2	6249.9
30°	9028.0	8907.1	8762.9	8597.6	8397.4	8174.4	7923.1	7625.9	7291.5	6919.8	6513.8
27.5°	9189.8	9079.0	8940.3	8782.1	8597.6	8376.5	8128.3	7849.7	7525.7	7151.5	6743.0
25°	9326.0	9220.6	9093.8	8940.3	8762.9	8558.0	8314.2	8037.2	7722.2	7363.1	6957.0
22.5°	9438.3	9339.0	9220.6	9079.0	8907.1	8706.0	8472.8	8205.7	7903.4	7547.7	7141.3
20°	9524.6	9438.3	9326.0	9189.8	9028.0	8840.4	8613.0	8348.1	8047.1	7702.7	7307.2
17.5°	9580.0	9513.3	9414.4	9287.5	9129.5	8944.2	8726.4	8471.0	8176.8	7842.1	7456.2
15°	9617.3	9566.8	9479.9	9361.3	9214.1	9035.7	8827.2	8579.6	8287.4	7955.5	7572.2
12.5°	9626.5	9600.4	9535.4	9426.0	9284.4	9109.5	8903.9	8660.0	8374.2	8046.6	7669.6
10°	9631.9	9619.3	9567.3	9469.0	9334.3	9166.3	8964.9	8727.0	8446.2	8122.0	7750.3
7.5°	9627.9	9625.1	9588.2	9503.2	9374.0	9211.3	9013.2	8779.8	8503.0	8181.4	7813.7
5°	9624.9	9629.4	9603.5	9528.3	9402.9	9244.0	9048.2	8818.0	8543.9	8224.2	7859.3
2.5°	9623.0	9632.0	9612.9	9543.5	9420.4	9263.8	9069.3	8841.1	8568.6	8250.0	7886.8
0°	9622.4	9632.9	9616.0	9548.6	9426.3	9270.4	9076.4	8848.8	8576.9	8258.6	7896.0
-2.5°	9623.0	9632.0	9612.9	9543.5	9420.4	9263.8	9069.3	8841.1	8568.6	8250.0	7886.8
-5°	9624.9	9629.4	9603.5	9528.3	9402.9	9244.0	9048.2	8818.0	8543.9	8224.2	7859.3
-7.5°	9627.9	9625.1	9588.2	9503.2	9374.0	9211.3	9013.2	8779.8	8503.0	8181.4	7813.7
-10°	9631.9	9619.3	9567.3	9469.0	9334.3	9166.3	8964.9	8727.0	8446.2	8122.0	7750.3
-12.5°	9626.5	9600.4	9535.4	9426.0	9284.4	9109.5	8903.9	8660.0	8374.2	8046.6	7669.6
-15°	9617.3	9566.8	9479.9	9361.3	9214.1	9035.7	8827.2	8579.6	8287.4	7955.5	7572.2
-17.5°	9580.0	9513.3	9414.4	9287.5	9129.5	8944.2	8726.4	8471.0	8176.8	7842.1	7456.2
-20°	9524.6	9438.3	9326.0	9189.8	9028.0	8840.4	8613.0	8348.1	8047.1	7702.7	7307.2



REPORT NUMBER: P645556 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-740-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	9438.3	9339.0	9220.6	9079.0	8907.1	8706.0	8472.8	8205.7	7903.4	7547.7	7141.3
-25°	9326.0	9220.6	9093.8	8940.3	8762.9	8558.0	8314.2	8037.2	7722.2	7363.1	6957.0
-27.5°	9189.8	9079.0	8940.3	8782.1	8597.6	8376.5	8128.3	7849.7	7525.7	7151.5	6743.0
-30°	9028.0	8907.1	8762.9	8597.6	8397.4	8174.4	7923.1	7625.9	7291.5	6919.8	6513.8
-32.5°	8840.4	8706.0	8558.0	8376.5	8174.4	7945.5	7676.6	7376.8	7035.5	6659.2	6249.9
-35°	8613.0	8472.8	8314.2	8128.3	7923.1	7676.6	7405.4	7091.2	6747.6	6377.1	5965.4
-37.5°	8348.1	8205.7	8037.2	7849.7	7625.9	7376.8	7091.2	6777.3	6441.3	6059.4	5645.0
-40°	8047.1	7903.4	7722.2	7525.7	7291.5	7035.5	6747.6	6441.3	6091.0	5713.5	5300.6
-42.5°	7702.7	7547.7	7363.1	7151.5	6919.8	6659.2	6377.1	6059.4	5713.5	5334.3	4906.9
-45°	7307.2	7141.3	6957.0	6743.0	6513.8	6249.9	5965.4	5645.0	5300.6	4906.9	4489.7
-47.5°	6862.4	6695.7	6512.6	6298.3	6062.0	5803.8	5509.3	5197.0	4832.1	4451.1	4040.5
-50°	6378.5	6208.0	6020.4	5810.5	5567.6	5308.5	5009.7	4683.7	4335.9	3964.5	3583.8
-52.5°	5844.8	5670.9	5479.2	5270.6	5022.8	4751.5	4462.7	4145.7	3813.6	3475.0	3126.2
-55°	5253.1	5076.5	4877.4	4660.4	4423.4	4161.5	3883.4	3593.9	3295.3	2983.4	2703.5
-57.5°	4584.9	4416.7	4226.1	4018.0	3793.3	3557.7	3309.4	3047.1	2800.3	2552.1	2303.8
-60°	3883.4	3726.3	3557.7	3373.6	3174.5	2963.5	2767.8	2560.7	2343.0	2165.6	1981.9
-62.5°	3191.3	3053.4	2911.5	2767.8	2612.1	2445.1	2283.1	2137.4	1984.0	1826.3	1686.4
-65°	2568.0	2461.2	2343.0	2241.7	2133.3	2016.9	1892.7	1774.5	1658.8	1537.3	1414.4
-67.5°	2055.5	1981.9	1900.4	1816.4	1735.6	1648.8	1556.2	1457.9	1369.9	1283.8	1193.9
-70°	1635.2	1581.2	1521.3	1455.6	1393.7	1333.1	1268.4	1199.7	1127.1	1063.2	1002.5
-72.5°	1287.1	1250.1	1208.9	1163.8	1114.8	1071.7	1028.8	983.2	935.1	884.5	834.1
-75°	1010.5	986.5	959.8	930.5	898.7	864.5	830.9	796.6	760.4	722.2	682.3
-77.5°	786.6	769.1	749.6	728.2	705.0	679.9	653.1	624.2	592.6	559.3	524.5
-80°	578.5	563.9	547.6	529.7	510.3	489.4	467.0	443.2	418.0	392.6	367.4
-82.5°	366.7	356.8	345.7	333.6	320.4	306.2	291.0	274.8	257.7	239.6	220.7
-85°	178.7	174.1	169.1	163.5	157.5	151.0	144.1	136.7	128.8	120.6	111.9
-87.5°	49.5	48.7	47.8	46.7	45.6	44.4	43.2	41.8	40.4	38.8	37.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645556 (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°	35.6	33.9	32.1	30.2	28.3	26.3	24.3	22.3	20.2	18.0	15.8
85°	102.9	93.5	83.7	73.6	63.3	52.6	48.6	44.5	40.3	36.0	31.7
82.5°	200.9	185.3	170.6	155.5	139.9	123.9	107.5	90.7	73.5	56.1	47.4
80°	341.0	313.6	285.2	255.8	225.5	194.9	173.0	150.6	127.8	104.6	81.0
77.5°	488.2	450.4	411.3	373.9	336.1	297.2	257.4	216.7	181.7	152.7	123.3
75°	640.7	595.6	548.6	500.0	450.1	399.3	351.6	302.8	253.1	202.6	165.3
72.5°	785.4	734.9	682.5	628.2	570.0	510.2	448.9	388.1	330.2	271.4	211.7
70°	939.2	873.6	811.4	749.7	686.2	620.4	550.5	479.2	406.6	339.4	271.4
67.5°	1100.7	1026.8	950.4	871.6	798.1	724.9	650.1	570.8	489.4	406.6	330.2
65°	1310.1	1202.1	1093.3	1005.8	915.9	827.3	744.4	659.8	570.8	479.2	388.1
62.5°	1541.0	1398.5	1275.6	1149.2	1039.2	938.1	837.1	744.4	650.1	550.5	448.9
60°	1799.8	1635.2	1465.6	1320.1	1178.7	1050.4	938.1	827.3	724.9	620.4	510.2
57.5°	2096.7	1882.8	1692.2	1503.4	1335.0	1178.7	1039.2	915.9	798.1	686.2	570.0
55°	2414.3	2166.2	1928.8	1711.3	1503.4	1320.1	1149.2	1005.8	871.6	749.7	628.2
52.5°	2795.1	2474.9	2189.4	1928.8	1692.2	1465.6	1275.6	1093.3	950.4	811.4	682.5
50°	3198.1	2825.8	2474.9	2166.2	1882.8	1635.2	1398.5	1202.1	1026.8	873.6	734.9
47.5°	3620.3	3198.1	2795.1	2414.3	2096.7	1799.8	1541.0	1310.1	1100.7	939.2	785.4
45°	4040.5	3583.8	3126.2	2703.5	2303.8	1981.9	1686.4	1414.4	1193.9	1002.5	834.1
42.5°	4451.1	3964.5	3475.0	2983.4	2552.1	2165.6	1826.3	1537.3	1283.8	1063.2	884.5
40°	4832.1	4335.9	3813.6	3295.3	2800.3	2343.0	1984.0	1658.8	1369.9	1127.1	935.1
37.5°	5197.0	4683.7	4145.7	3593.9	3047.1	2560.7	2137.4	1774.5	1457.9	1199.7	983.2
35°	5509.3	5009.7	4462.7	3883.4	3309.4	2767.8	2283.1	1892.7	1556.2	1268.4	1028.8
32.5°	5803.8	5308.5	4751.5	4161.5	3557.7	2963.5	2445.1	2016.9	1648.8	1333.1	1071.7
30°	6062.0	5567.6	5022.8	4423.4	3793.3	3174.5	2612.1	2133.3	1735.6	1393.7	1114.8
27.5°	6298.3	5810.5	5270.6	4660.4	4018.0	3373.6	2767.8	2241.7	1816.4	1455.6	1163.8
25°	6512.6	6020.4	5479.2	4877.4	4226.1	3557.7	2911.5	2343.0	1900.4	1521.3	1208.9
22.5°	6695.7	6208.0	5670.9	5076.5	4416.7	3726.3	3053.4	2461.2	1981.9	1581.2	1250.1
20°	6862.4	6378.5	5844.8	5253.1	4584.9	3883.4	3191.3	2568.0	2055.5	1635.2	1287.1
17.5°	7009.9	6524.0	5987.8	5395.6	4732.1	4023.4	3314.1	2663.0	2120.8	1683.3	1320.1
15°	7130.8	6644.9	6110.8	5520.4	4860.8	4145.7	3421.4	2745.9	2177.8	1725.1	1348.8
12.5°	7234.4	6748.3	6215.9	5627.0	4970.6	4250.0	3512.7	2816.5	2226.4	1760.7	1373.2
10°	7320.1	6833.8	6302.6	5714.8	5061.1	4335.9	3587.9	2874.5	2266.3	1790.0	1393.3
7.5°	7387.3	6900.7	6370.6	5783.6	5131.8	4403.0	3646.6	2919.9	2297.4	1812.8	1408.9
5°	7435.6	6948.8	6419.3	5832.9	5182.6	4451.1	3688.7	2952.4	2319.7	1829.2	1420.1
2.5°	7464.8	6977.8	6448.7	5862.6	5213.1	4480.0	3714.1	2971.9	2333.1	1839.0	1426.9
0°	7474.5	6987.5	6458.5	5872.5	5223.3	4489.7	3722.5	2978.4	2337.6	1842.3	1429.1
-2.5°	7464.8	6977.8	6448.7	5862.6	5213.1	4480.0	3714.1	2971.9	2333.1	1839.0	1426.9
-5°	7435.6	6948.8	6419.3	5832.9	5182.6	4451.1	3688.7	2952.4	2319.7	1829.2	1420.1
-7.5°	7387.3	6900.7	6370.6	5783.6	5131.8	4403.0	3646.6	2919.9	2297.4	1812.8	1408.9
-10°	7320.1	6833.8	6302.6	5714.8	5061.1	4335.9	3587.9	2874.5	2266.3	1790.0	1393.3
-12.5°	7234.4	6748.3	6215.9	5627.0	4970.6	4250.0	3512.7	2816.5	2226.4	1760.7	1373.2
-15°	7130.8	6644.9	6110.8	5520.4	4860.8	4145.7	3421.4	2745.9	2177.8	1725.1	1348.8
-17.5°	7009.9	6524.0	5987.8	5395.6	4732.1	4023.4	3314.1	2663.0	2120.8	1683.3	1320.1
-20°	6862.4	6378.5	5844.8	5253.1	4584.9	3883.4	3191.3	2568.0	2055.5	1635.2	1287.1



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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°	6695.7	6208.0	5670.9	5076.5	4416.7	3726.3	3053.4	2461.2	1981.9	1581.2	1250.1
-25°	6512.6	6020.4	5479.2	4877.4	4226.1	3557.7	2911.5	2343.0	1900.4	1521.3	1208.9
-27.5°	6298.3	5810.5	5270.6	4660.4	4018.0	3373.6	2767.8	2241.7	1816.4	1455.6	1163.8
-30°	6062.0	5567.6	5022.8	4423.4	3793.3	3174.5	2612.1	2133.3	1735.6	1393.7	1114.8
-32.5°	5803.8	5308.5	4751.5	4161.5	3557.7	2963.5	2445.1	2016.9	1648.8	1333.1	1071.7
-35°	5509.3	5009.7	4462.7	3883.4	3309.4	2767.8	2283.1	1892.7	1556.2	1268.4	1028.8
-37.5°	5197.0	4683.7	4145.7	3593.9	3047.1	2560.7	2137.4	1774.5	1457.9	1199.7	983.2
-40°	4832.1	4335.9	3813.6	3295.3	2800.3	2343.0	1984.0	1658.8	1369.9	1127.1	935.1
-42.5°	4451.1	3964.5	3475.0	2983.4	2552.1	2165.6	1826.3	1537.3	1283.8	1063.2	884.5
-45°	4040.5	3583.8	3126.2	2703.5	2303.8	1981.9	1686.4	1414.4	1193.9	1002.5	834.1
-47.5°	3620.3	3198.1	2795.1	2414.3	2096.7	1799.8	1541.0	1310.1	1100.7	939.2	785.4
-50°	3198.1	2825.8	2474.9	2166.2	1882.8	1635.2	1398.5	1202.1	1026.8	873.6	734.9
-52.5°	2795.1	2474.9	2189.4	1928.8	1692.2	1465.6	1275.6	1093.3	950.4	811.4	682.5
-55°	2414.3	2166.2	1928.8	1711.3	1503.4	1320.1	1149.2	1005.8	871.6	749.7	628.2
-57.5°	2096.7	1882.8	1692.2	1503.4	1335.0	1178.7	1039.2	915.9	798.1	686.2	570.0
-60°	1799.8	1635.2	1465.6	1320.1	1178.7	1050.4	938.1	827.3	724.9	620.4	510.2
-62.5°	1541.0	1398.5	1275.6	1149.2	1039.2	938.1	837.1	744.4	650.1	550.5	448.9
-65°	1310.1	1202.1	1093.3	1005.8	915.9	827.3	744.4	659.8	570.8	479.2	388.1
-67.5°	1100.7	1026.8	950.4	871.6	798.1	724.9	650.1	570.8	489.4	406.6	330.2
-70°	939.2	873.6	811.4	749.7	686.2	620.4	550.5	479.2	406.6	339.4	271.4
-72.5°	785.4	734.9	682.5	628.2	570.0	510.2	448.9	388.1	330.2	271.4	211.7
-75°	640.7	595.6	548.6	500.0	450.1	399.3	351.6	302.8	253.1	202.6	165.3
-77.5°	488.2	450.4	411.3	373.9	336.1	297.2	257.4	216.7	181.7	152.7	123.3
-80°	341.0	313.6	285.2	255.8	225.5	194.9	173.0	150.6	127.8	104.6	81.0
-82.5°	200.9	185.3	170.6	155.5	139.9	123.9	107.5	90.7	73.5	56.1	47.4
-85°	102.9	93.5	83.7	73.6	63.3	52.6	48.6	44.5	40.3	36.0	31.7
-87.5°	35.6	33.9	32.1	30.2	28.3	26.3	24.3	22.3	20.2	18.0	15.8
-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):

	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°	13.6	11.4	9.1	6.9	4.6	2.3	0.0
85°	27.2	22.8	18.3	13.7	9.2	4.6	0.0
82.5°	40.8	34.1	27.4	20.6	13.7	6.9	0.0
80°	57.1	45.4	36.4	27.4	18.3	9.1	0.0
77.5°	93.5	63.3	45.4	34.1	22.8	11.4	0.0
75°	129.6	93.5	57.1	40.8	27.2	13.6	0.0
72.5°	165.3	123.3	81.0	47.4	31.7	15.8	0.0
70°	202.6	152.7	104.6	56.1	36.0	18.0	0.0
67.5°	253.1	181.7	127.8	73.5	40.3	20.2	0.0
65°	302.8	216.7	150.6	90.7	44.5	22.3	0.0
62.5°	351.6	257.4	173.0	107.5	48.6	24.3	0.0
60°	399.3	297.2	194.9	123.9	52.6	26.3	0.0
57.5°	450.1	336.1	225.5	139.9	63.3	28.3	0.0
55°	500.0	373.9	255.8	155.5	73.6	30.2	0.0
52.5°	548.6	411.3	285.2	170.6	83.7	32.1	0.0
50°	595.6	450.4	313.6	185.3	93.5	33.9	0.0
47.5°	640.7	488.2	341.0	200.9	102.9	35.6	0.0
45°	682.3	524.5	367.4	220.7	111.9	37.3	0.0
42.5°	722.2	559.3	392.6	239.6	120.6	38.8	0.0
40°	760.4	592.6	418.0	257.7	128.8	40.4	0.0
37.5°	796.6	624.2	443.2	274.8	136.7	41.8	0.0
35°	830.9	653.1	467.0	291.0	144.1	43.2	0.0
32.5°	864.5	679.9	489.4	306.2	151.0	44.4	0.0
30°	898.7	705.0	510.3	320.4	157.5	45.6	0.0
27.5°	930.5	728.2	529.7	333.6	163.5	46.7	0.0
25°	959.8	749.6	547.6	345.7	169.1	47.8	0.0
22.5°	986.5	769.1	563.9	356.8	174.1	48.7	0.0
20°	1010.5	786.6	578.5	366.7	178.7	49.5	0.0
17.5°	1031.8	802.2	591.5	375.6	182.7	50.3	0.0
15°	1050.4	815.8	602.9	383.2	186.2	50.9	0.0
12.5°	1066.2	827.3	612.5	389.8	189.2	51.5	0.0
10°	1079.2	836.8	620.4	395.1	191.6	51.9	0.0
7.5°	1089.3	844.2	626.6	399.3	193.5	52.2	0.0
5°	1096.6	849.5	631.0	402.3	194.9	52.5	0.0
2.5°	1100.9	852.6	633.6	404.1	195.7	52.6	0.0
0°	1102.4	853.7	634.5	404.7	196.0	52.7	0.0
-2.5°	1100.9	852.6	633.6	404.1	195.7	52.6	0.0
-5°	1096.6	849.5	631.0	402.3	194.9	52.5	0.0
-7.5°	1089.3	844.2	626.6	399.3	193.5	52.2	0.0
-10°	1079.2	836.8	620.4	395.1	191.6	51.9	0.0
-12.5°	1066.2	827.3	612.5	389.8	189.2	51.5	0.0
-15°	1050.4	815.8	602.9	383.2	186.2	50.9	0.0
-17.5°	1031.8	802.2	591.5	375.6	182.7	50.3	0.0
-20°	1010.5	786.6	578.5	366.7	178.7	49.5	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	986.5	769.1	563.9	356.8	174.1	48.7	0.0
-25°	959.8	749.6	547.6	345.7	169.1	47.8	0.0
-27.5°	930.5	728.2	529.7	333.6	163.5	46.7	0.0
-30°	898.7	705.0	510.3	320.4	157.5	45.6	0.0
-32.5°	864.5	679.9	489.4	306.2	151.0	44.4	0.0
-35°	830.9	653.1	467.0	291.0	144.1	43.2	0.0
-37.5°	796.6	624.2	443.2	274.8	136.7	41.8	0.0
-40°	760.4	592.6	418.0	257.7	128.8	40.4	0.0
-42.5°	722.2	559.3	392.6	239.6	120.6	38.8	0.0
-45°	682.3	524.5	367.4	220.7	111.9	37.3	0.0
-47.5°	640.7	488.2	341.0	200.9	102.9	35.6	0.0
-50°	595.6	450.4	313.6	185.3	93.5	33.9	0.0
-52.5°	548.6	411.3	285.2	170.6	83.7	32.1	0.0
-55°	500.0	373.9	255.8	155.5	73.6	30.2	0.0
-57.5°	450.1	336.1	225.5	139.9	63.3	28.3	0.0
-60°	399.3	297.2	194.9	123.9	52.6	26.3	0.0
-62.5°	351.6	257.4	173.0	107.5	48.6	24.3	0.0
-65°	302.8	216.7	150.6	90.7	44.5	22.3	0.0
-67.5°	253.1	181.7	127.8	73.5	40.3	20.2	0.0
-70°	202.6	152.7	104.6	56.1	36.0	18.0	0.0
-72.5°	165.3	123.3	81.0	47.4	31.7	15.8	0.0
-75°	129.6	93.5	57.1	40.8	27.2	13.6	0.0
-77.5°	93.5	63.3	45.4	34.1	22.8	11.4	0.0
-80°	57.1	45.4	36.4	27.4	18.3	9.1	0.0
-82.5°	40.8	34.1	27.4	20.6	13.7	6.9	0.0
-85°	27.2	22.8	18.3	13.7	9.2	4.6	0.0
-87.5°	13.6	11.4	9.1	6.9	4.6	2.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)