

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



Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State  
Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P627773 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5E-740-U-WR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627773 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA5E-740-U-WR-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N127  
Light Source: (80) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

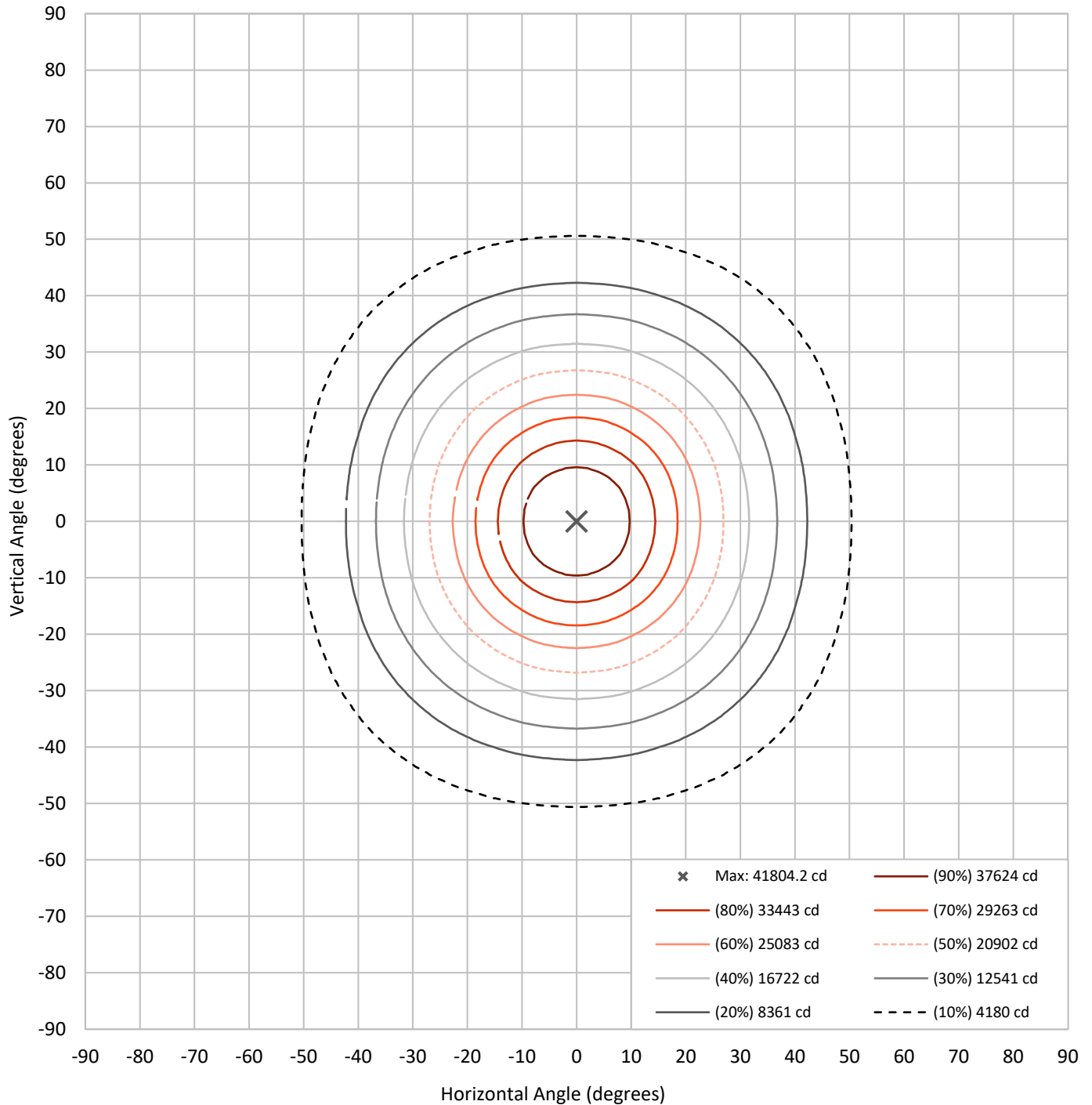
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	42546.8 lumens	Max Intensity:	41804.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	135.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	53.8°H x 53.6°V	Field Angle (10%):	100.8°H x 101.2°V
Beam Lumens:	20343.3 lumens	Field Lumens:	37549.1 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	313.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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### Iso-Candela Plot





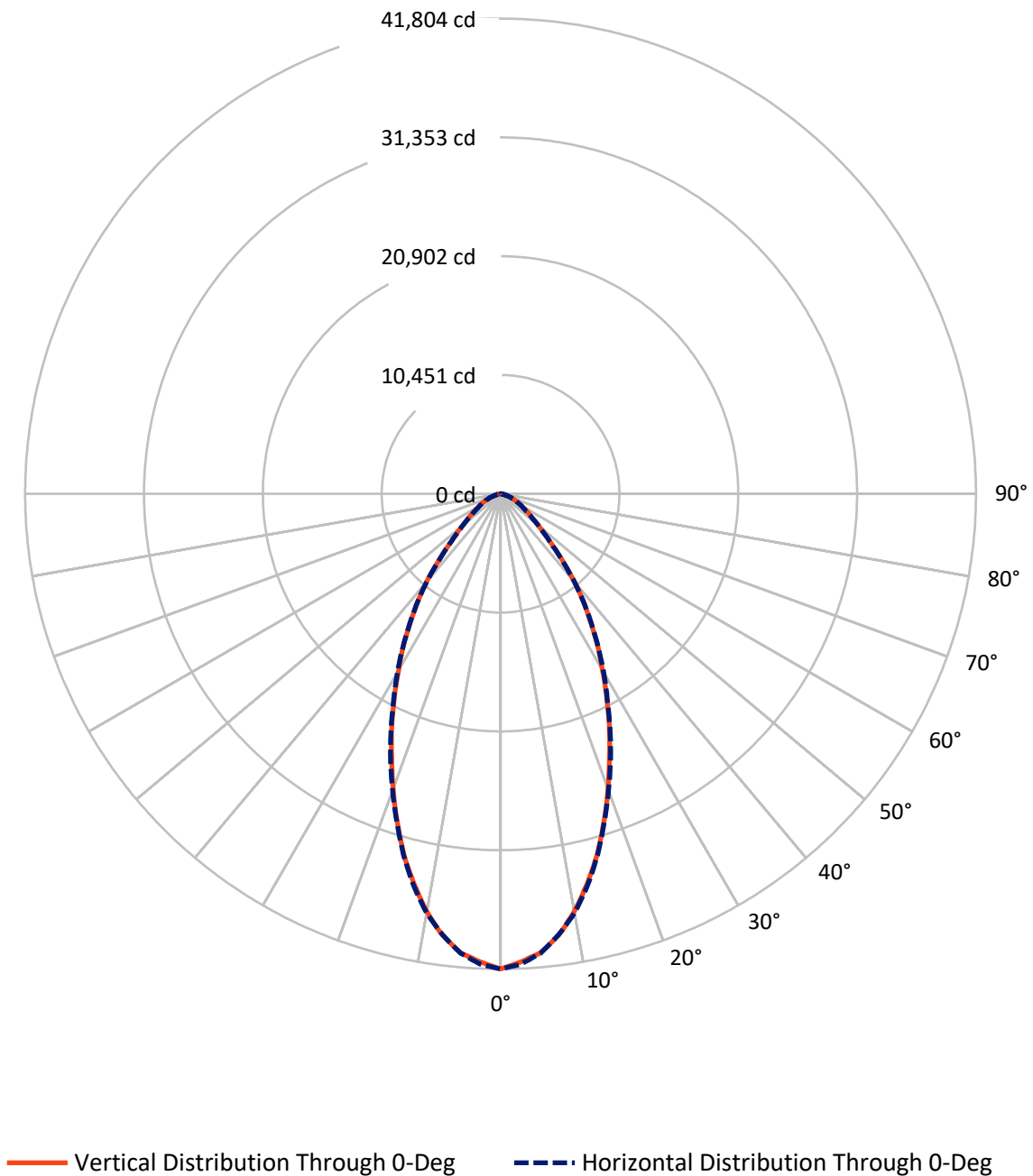
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### Lumen Table

90																			
80	1.6	11.7		26.8		44.5		38.1		44.5		26.8		11.7		1.6			
70																			
60	5.5	6.5	12.2	19.6	28.4	36.8	43.2	46.3	46.3	43.2	36.8	28.4	19.6	12.2	6.5	5.5			
50		9.2	18.4	31.9	49.0	67.4	84.0	93.7	93.7	84.0	67.4	49.0	31.9	18.4	9.2				
40	8.1	11.7	25.5	47.6	80.3	123.5	170.2	201.4	201.4	170.2	123.5	80.3	47.6	25.5	11.7	8.1			
30		14.3	33.4	69.3	134.9	239.4	347.9	412.7	412.7	347.9	239.4	134.9	69.3	33.4	14.3				
20	9.6	16.6	41.6	97.0	218.0	391.9	560.7	670.3	670.3	560.7	391.9	218.0	97.0	41.6	16.6	9.6			
10		18.5	48.8	125.8	297.5	529.1	781.2	961.1	961.1	781.2	529.1	297.5	125.8	48.8	18.5				
0	10.1	19.4	52.9	144.4	342.6	615.2	936.1	1177.3	1177.3	936.1	615.2	342.6	144.4	52.9	19.4	10.1			
-10		19.4	52.9	144.4	342.6	615.2	936.1	1177.3	1177.3	936.1	615.2	342.6	144.4	52.9	19.4				
-20	9.6	18.5	48.8	125.8	297.5	529.1	781.2	961.1	961.1	781.2	529.1	297.5	125.8	48.8	18.5	9.6			
-30		16.6	41.6	97.0	218.0	391.9	560.7	670.3	670.3	560.7	391.9	218.0	97.0	41.6	16.6				
-40	8.1	14.3	33.4	69.3	134.9	239.4	347.9	412.7	412.7	347.9	239.4	134.9	69.3	33.4	14.3	8.1			
-50		11.7	25.5	47.6	80.3	123.5	170.2	201.4	201.4	170.2	123.5	80.3	47.6	25.5	11.7				
-60	5.5	9.2	18.4	31.9	49.0	67.4	84.0	93.7	93.7	84.0	67.4	49.0	31.9	18.4	9.2	5.5			
-70		6.5	12.2	19.6	28.4	36.8	43.2	46.3	46.3	43.2	36.8	28.4	19.6	12.2	6.5				
-80																			
-90	1.6	11.7		26.8		44.5		38.1		44.5		26.8		11.7		1.6			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

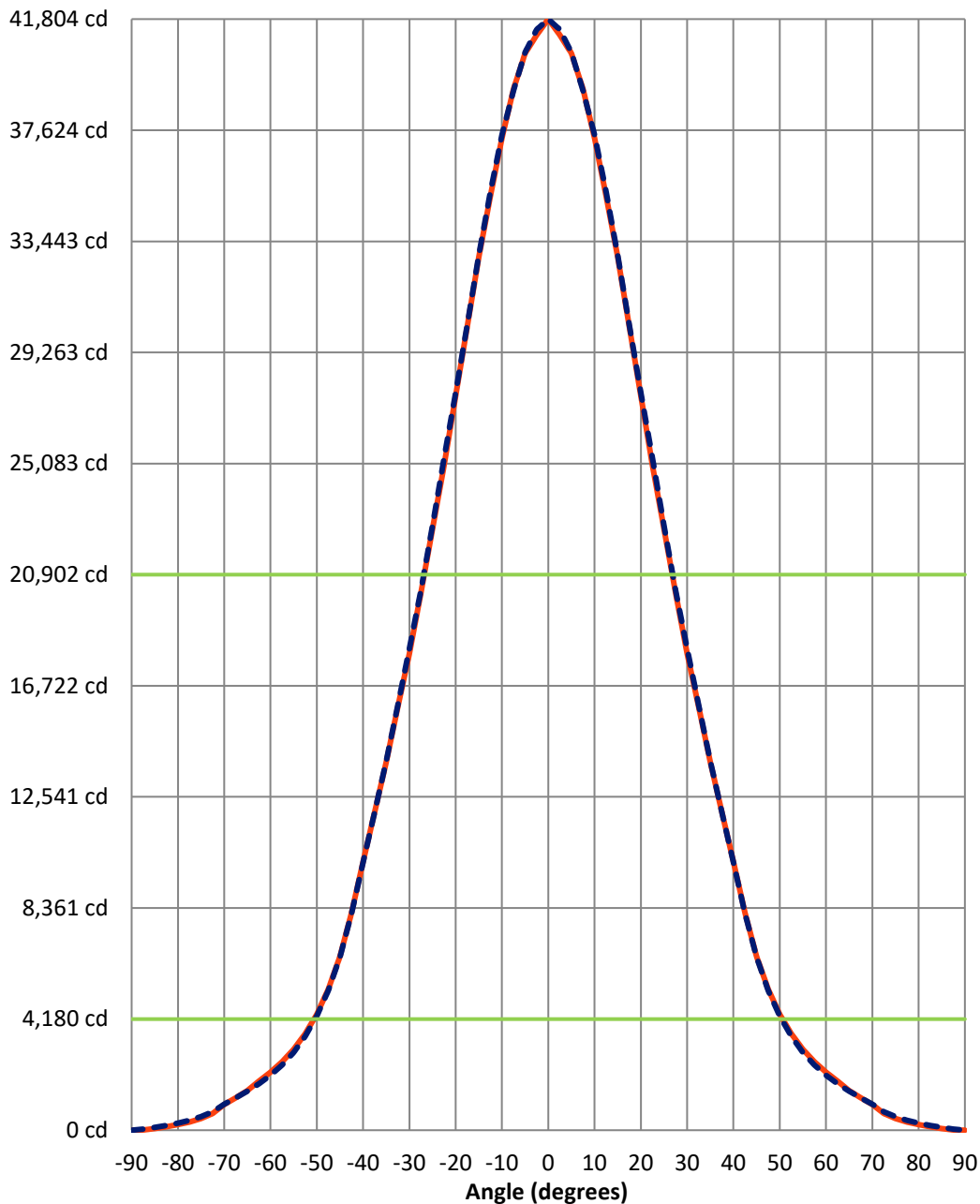
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
H Angle: 53.8°  
V Angle: 53.6°  
Lumens: 20343.3  
Efficiency: 47.8%

**Field:**  
H Angle: 100.8°  
V Angle: 101.2°  
Lumens: 37549.1  
Efficiency: 88.3%

**Spill:**  
Lumens: 4997.8  
Efficiency: 11.7%

— Vertical Distribution through 0-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	2.1	4.9	8.0	11.5	15.5	19.9	22.0	23.7	25.1	26.2
85°	0.0	4.2	9.8	16.0	23.0	30.9	39.6	44.0	47.5	50.3	52.5
82.5°	0.0	6.4	14.6	23.9	34.4	46.2	59.3	66.0	72.7	84.2	94.5
80°	0.0	8.4	19.4	31.7	45.7	61.4	80.5	100.1	117.1	132.3	145.7
77.5°	0.0	10.5	24.1	39.4	56.8	79.8	114.9	140.3	161.4	180.3	199.2
75°	0.0	12.5	28.7	47.0	68.8	104.4	148.4	180.3	205.7	231.4	259.0
72.5°	0.0	14.6	33.3	54.5	85.3	128.2	180.8	219.7	250.2	282.9	317.9
70°	0.0	16.5	37.7	62.3	101.1	151.1	211.5	256.8	293.9	333.6	380.4
67.5°	0.0	18.4	42.0	72.0	116.3	172.9	238.2	293.1	336.7	386.0	442.0
65°	0.0	20.3	46.2	81.2	130.8	193.0	263.6	328.7	379.0	436.5	500.5
62.5°	0.0	22.1	50.2	90.0	144.4	211.3	287.5	362.4	419.5	484.9	554.8
60°	0.0	23.9	54.1	98.3	157.1	228.6	309.9	394.3	458.2	531.7	607.5
57.5°	0.0	25.6	58.8	106.0	169.0	244.6	330.2	423.0	497.3	577.0	656.1
55°	0.0	27.2	63.3	113.2	179.9	259.4	348.9	445.9	535.6	620.3	702.5
52.5°	0.0	28.7	67.7	119.7	190.0	272.9	366.0	470.9	572.3	661.7	748.0
50°	0.0	30.2	71.8	125.6	199.2	285.4	381.6	494.3	607.8	702.0	797.8
47.5°	0.0	31.6	75.8	131.0	207.4	296.6	396.0	515.7	642.8	741.2	846.7
45°	0.0	32.9	79.6	136.3	214.7	306.5	412.2	534.9	667.9	783.6	894.0
42.5°	0.0	34.2	83.1	141.0	220.9	315.1	426.7	553.6	690.8	824.5	943.0
40°	0.0	35.3	86.4	146.2	226.5	322.4	439.4	571.9	713.5	862.5	990.4
37.5°	0.0	36.4	89.5	151.4	231.5	328.4	450.2	588.4	738.4	892.6	1035.3
35°	0.0	37.4	92.4	156.3	235.6	335.1	459.2	603.1	762.3	925.5	1081.3
32.5°	0.0	38.2	95.0	160.7	238.7	341.5	467.5	616.0	785.0	959.0	1128.4
30°	0.0	39.0	97.4	164.7	240.9	346.4	476.7	628.5	806.5	992.9	1172.7
27.5°	0.0	39.7	99.6	168.2	246.0	349.9	484.2	644.1	828.9	1026.8	1214.2
25°	0.0	40.3	101.5	171.2	251.0	352.0	490.0	658.1	854.0	1060.1	1253.0
22.5°	0.0	40.8	103.1	173.9	255.3	354.8	494.1	670.3	877.9	1090.6	1295.4
20°	0.0	41.3	104.5	176.0	259.1	361.2	496.5	680.7	900.4	1118.0	1333.4
17.5°	0.0	41.6	105.6	177.7	262.2	366.5	502.1	689.0	921.1	1142.2	1366.7
15°	0.0	41.8	106.5	179.0	264.7	370.7	508.8	697.0	939.7	1163.1	1395.4
12.5°	0.0	42.0	107.1	179.8	266.6	373.7	513.6	704.1	955.5	1180.5	1419.3
10°	0.0	42.0	107.5	180.2	267.8	375.6	516.6	708.0	967.8	1195.0	1438.6
7.5°	0.0	42.0	107.6	180.1	268.3	376.4	517.8	708.9	976.4	1206.2	1453.7
5°	0.0	41.9	107.4	179.6	268.2	376.1	517.3	706.8	981.1	1213.8	1463.7
2.5°	0.0	41.7	107.0	178.6	267.4	374.7	515.0	701.9	981.7	1217.6	1468.6
0°	0.0	41.4	106.4	177.3	265.9	372.3	511.1	694.3	978.0	1217.3	1468.4
-2.5°	0.0	41.7	107.0	178.6	267.4	374.7	515.0	701.9	981.7	1217.6	1468.6
-5°	0.0	41.9	107.4	179.6	268.2	376.1	517.3	706.8	981.1	1213.8	1463.7
-7.5°	0.0	42.0	107.6	180.1	268.3	376.4	517.8	708.9	976.4	1206.2	1453.7
-10°	0.0	42.0	107.5	180.2	267.8	375.6	516.6	708.0	967.8	1195.0	1438.6
-12.5°	0.0	42.0	107.1	179.8	266.6	373.7	513.6	704.1	955.5	1180.5	1419.3
-15°	0.0	41.8	106.5	179.0	264.7	370.7	508.8	697.0	939.7	1163.1	1395.4
-17.5°	0.0	41.6	105.6	177.7	262.2	366.5	502.1	689.0	921.1	1142.2	1366.7
-20°	0.0	41.3	104.5	176.0	259.1	361.2	496.5	680.7	900.4	1118.0	1333.4

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CATALOG NUMBER: GFLD-SA5E-740-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	40.8	103.1	173.9	255.3	354.8	494.1	670.3	877.9	1090.6	1295.4
-25°	0.0	40.3	101.5	171.2	251.0	352.0	490.0	658.1	854.0	1060.1	1253.0
-27.5°	0.0	39.7	99.6	168.2	246.0	349.9	484.2	644.1	828.9	1026.8	1214.2
-30°	0.0	39.0	97.4	164.7	240.9	346.4	476.7	628.5	806.5	992.9	1172.7
-32.5°	0.0	38.2	95.0	160.7	238.7	341.5	467.5	616.0	785.0	959.0	1128.4
-35°	0.0	37.4	92.4	156.3	235.6	335.1	459.2	603.1	762.3	925.5	1081.3
-37.5°	0.0	36.4	89.5	151.4	231.5	328.4	450.2	588.4	738.4	892.6	1035.3
-40°	0.0	35.3	86.4	146.2	226.5	322.4	439.4	571.9	713.5	862.5	990.4
-42.5°	0.0	34.2	83.1	141.0	220.9	315.1	426.7	553.6	690.8	824.5	943.0
-45°	0.0	32.9	79.6	136.3	214.7	306.5	412.2	534.9	667.9	783.6	894.0
-47.5°	0.0	31.6	75.8	131.0	207.4	296.6	396.0	515.7	642.8	741.2	846.7
-50°	0.0	30.2	71.8	125.6	199.2	285.4	381.6	494.3	607.8	702.0	797.8
-52.5°	0.0	28.7	67.7	119.7	190.0	272.9	366.0	470.9	572.3	661.7	748.0
-55°	0.0	27.2	63.3	113.2	179.9	259.4	348.9	445.9	535.6	620.3	702.5
-57.5°	0.0	25.6	58.8	106.0	169.0	244.6	330.2	423.0	497.3	577.0	656.1
-60°	0.0	23.9	54.1	98.3	157.1	228.6	309.9	394.3	458.2	531.7	607.5
-62.5°	0.0	22.1	50.2	90.0	144.4	211.3	287.5	362.4	419.5	484.9	554.8
-65°	0.0	20.3	46.2	81.2	130.8	193.0	263.6	328.7	379.0	436.5	500.5
-67.5°	0.0	18.4	42.0	72.0	116.3	172.9	238.2	293.1	336.7	386.0	442.0
-70°	0.0	16.5	37.7	62.3	101.1	151.1	211.5	256.8	293.9	333.6	380.4
-72.5°	0.0	14.6	33.3	54.5	85.3	128.2	180.8	219.7	250.2	282.9	317.9
-75°	0.0	12.5	28.7	47.0	68.8	104.4	148.4	180.3	205.7	231.4	259.0
-77.5°	0.0	10.5	24.1	39.4	56.8	79.8	114.9	140.3	161.4	180.3	199.2
-80°	0.0	8.4	19.4	31.7	45.7	61.4	80.5	100.1	117.1	132.3	145.7
-82.5°	0.0	6.4	14.6	23.9	34.4	46.2	59.3	66.0	72.7	84.2	94.5
-85°	0.0	4.2	9.8	16.0	23.0	30.9	39.6	44.0	47.5	50.3	52.5
-87.5°	0.0	2.1	4.9	8.0	11.5	15.5	19.9	22.0	23.7	25.1	26.2
-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):**

	-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°	26.6	26.6	26.2	25.4	24.3	22.8	21.0	18.8	19.6	20.4	21.1
85°	53.3	53.3	57.7	61.8	63.7	63.9	62.7	59.9	67.7	76.7	86.1
82.5°	104.0	113.0	121.6	129.6	130.4	128.3	124.4	119.8	135.6	154.7	174.7
80°	159.4	172.7	188.1	202.4	205.8	204.3	199.9	192.6	213.4	242.9	274.7
77.5°	221.3	242.4	262.0	280.2	285.4	284.6	281.3	275.5	301.9	342.8	385.2
75°	286.5	312.1	337.5	359.7	369.2	370.0	368.9	375.1	410.0	457.8	500.0
72.5°	354.5	387.1	415.6	440.2	455.4	467.1	482.6	501.6	536.8	583.7	625.1
70°	426.4	462.5	492.7	519.8	543.2	568.7	601.5	633.9	671.0	717.8	760.8
67.5°	497.3	533.9	567.9	601.3	644.1	685.0	725.6	768.0	814.8	864.0	907.5
65°	563.0	604.4	645.9	694.5	750.0	796.4	846.6	901.7	963.0	1018.4	1068.8
62.5°	626.1	672.8	724.2	782.9	843.0	901.0	968.3	1039.2	1110.8	1180.2	1249.1
60°	679.4	737.5	799.9	866.2	935.6	1014.5	1093.5	1177.7	1263.3	1346.9	1432.1
57.5°	730.6	802.5	874.4	951.6	1038.0	1128.3	1223.1	1318.0	1420.3	1521.5	1618.2
55°	783.7	868.5	950.3	1041.7	1140.8	1246.9	1353.9	1469.0	1582.0	1709.4	1826.9
52.5°	840.6	932.7	1028.9	1133.5	1249.3	1368.9	1494.4	1626.3	1767.0	1908.5	2052.1
50°	895.9	999.9	1106.8	1232.1	1361.5	1498.1	1643.1	1796.8	1960.6	2124.4	2298.2
47.5°	953.9	1064.8	1195.4	1331.4	1479.7	1635.3	1799.4	1982.1	2164.2	2370.5	2569.8
45°	1011.0	1138.6	1280.4	1438.3	1601.1	1776.3	1971.5	2172.2	2404.6	2637.7	2899.6
42.5°	1065.8	1213.0	1373.0	1541.8	1727.1	1928.4	2144.5	2396.8	2658.9	2947.4	3254.7
40°	1128.9	1284.1	1464.3	1653.0	1853.8	2084.0	2343.9	2624.1	2943.8	3285.6	3634.8
37.5°	1190.0	1364.3	1554.3	1759.1	1992.2	2251.4	2538.4	2881.8	3250.7	3639.3	4114.3
35°	1247.3	1440.6	1647.1	1871.4	2123.9	2424.3	2767.5	3147.0	3572.1	4073.2	4627.5
32.5°	1308.2	1512.9	1734.7	1986.4	2272.2	2600.3	2990.1	3436.9	3939.8	4510.5	5204.0
30°	1369.5	1587.3	1821.7	2094.1	2411.9	2791.6	3234.6	3728.4	4306.9	5022.8	5836.9
27.5°	1426.2	1656.9	1913.6	2208.1	2547.9	2968.1	3469.5	4048.4	4730.0	5539.0	6490.0
25°	1478.3	1720.2	1998.1	2316.8	2697.8	3158.7	3702.3	4343.3	5153.3	6117.9	7287.9
22.5°	1528.0	1777.9	2074.5	2414.4	2832.8	3343.1	3955.0	4688.5	5583.9	6666.4	8069.5
20°	1574.6	1840.3	2150.3	2507.9	2953.5	3509.6	4187.3	5010.7	6029.6	7311.1	8836.0
17.5°	1615.5	1895.3	2222.0	2608.9	3088.1	3678.9	4406.4	5295.2	6426.4	7886.9	9543.2
15°	1650.8	1942.8	2284.1	2696.4	3209.2	3847.1	4636.4	5607.1	6840.2	8410.5	10164.2
12.5°	1680.1	1982.5	2336.2	2770.1	3311.0	3989.3	4832.8	5885.1	7243.4	8903.7	10709.4
10°	1703.5	2014.3	2378.2	2829.5	3393.0	4104.8	4994.6	6112.5	7578.8	9326.4	11170.6
7.5°	1722.9	2039.2	2410.4	2874.6	3455.1	4193.0	5120.5	6288.1	7841.0	9661.2	11524.5
5°	1736.8	2057.0	2434.8	2906.1	3500.7	4254.6	5208.7	6410.8	8027.4	9903.8	11766.5
2.5°	1744.5	2066.7	2448.9	2922.9	3528.7	4289.4	5254.9	6487.8	8130.0	10042.2	11912.8
0°	1746.1	2068.2	2452.3	2925.0	3536.6	4295.9	5262.1	6511.9	8151.6	10078.0	11966.0
-2.5°	1744.5	2066.7	2448.9	2922.9	3528.7	4289.4	5254.9	6487.8	8130.0	10042.2	11912.8
-5°	1736.8	2057.0	2434.8	2906.1	3500.7	4254.6	5208.7	6410.8	8027.4	9903.8	11766.5
-7.5°	1722.9	2039.2	2410.4	2874.6	3455.1	4193.0	5120.5	6288.1	7841.0	9661.2	11524.5
-10°	1703.5	2014.3	2378.2	2829.5	3393.0	4104.8	4994.6	6112.5	7578.8	9326.4	11170.6
-12.5°	1680.1	1982.5	2336.2	2770.1	3311.0	3989.3	4832.8	5885.1	7243.4	8903.7	10709.4
-15°	1650.8	1942.8	2284.1	2696.4	3209.2	3847.1	4636.4	5607.1	6840.2	8410.5	10164.2
-17.5°	1615.5	1895.3	2222.0	2608.9	3088.1	3678.9	4406.4	5295.2	6426.4	7886.9	9543.2
-20°	1574.6	1840.3	2150.3	2507.9	2953.5	3509.6	4187.3	5010.7	6029.6	7311.1	8836.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627773 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-740-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1528.0	1777.9	2074.5	2414.4	2832.8	3343.1	3955.0	4688.5	5583.9	6666.4	8069.5
-25°	1478.3	1720.2	1998.1	2316.8	2697.8	3158.7	3702.3	4343.3	5153.3	6117.9	7287.9
-27.5°	1426.2	1656.9	1913.6	2208.1	2547.9	2968.1	3469.5	4048.4	4730.0	5539.0	6490.0
-30°	1369.5	1587.3	1821.7	2094.1	2411.9	2791.6	3234.6	3728.4	4306.9	5022.8	5836.9
-32.5°	1308.2	1512.9	1734.7	1986.4	2272.2	2600.3	2990.1	3436.9	3939.8	4510.5	5204.0
-35°	1247.3	1440.6	1647.1	1871.4	2123.9	2424.3	2767.5	3147.0	3572.1	4073.2	4627.5
-37.5°	1190.0	1364.3	1554.3	1759.1	1992.2	2251.4	2538.4	2881.8	3250.7	3639.3	4114.3
-40°	1128.9	1284.1	1464.3	1653.0	1853.8	2084.0	2343.9	2624.1	2943.8	3285.6	3634.8
-42.5°	1065.8	1213.0	1373.0	1541.8	1727.1	1928.4	2144.5	2396.8	2658.9	2947.4	3254.7
-45°	1011.0	1138.6	1280.4	1438.3	1601.1	1776.3	1971.5	2172.2	2404.6	2637.7	2899.6
-47.5°	953.9	1064.8	1195.4	1331.4	1479.7	1635.3	1799.4	1982.1	2164.2	2370.5	2569.8
-50°	895.9	999.9	1106.8	1232.1	1361.5	1498.1	1643.1	1796.8	1960.6	2124.4	2298.2
-52.5°	840.6	932.7	1028.9	1133.5	1249.3	1368.9	1494.4	1626.3	1767.0	1908.5	2052.1
-55°	783.7	868.5	950.3	1041.7	1140.8	1246.9	1353.9	1469.0	1582.0	1709.4	1826.9
-57.5°	730.6	802.5	874.4	951.6	1038.0	1128.3	1223.1	1318.0	1420.3	1521.5	1618.2
-60°	679.4	737.5	799.9	866.2	935.6	1014.5	1093.5	1177.7	1263.3	1346.9	1432.1
-62.5°	626.1	672.8	724.2	782.9	843.0	901.0	968.3	1039.2	1110.8	1180.2	1249.1
-65°	563.0	604.4	645.9	694.5	750.0	796.4	846.6	901.7	963.0	1018.4	1068.8
-67.5°	497.3	533.9	567.9	601.3	644.1	685.0	725.6	768.0	814.8	864.0	907.5
-70°	426.4	462.5	492.7	519.8	543.2	568.7	601.5	633.9	671.0	717.8	760.8
-72.5°	354.5	387.1	415.6	440.2	455.4	467.1	482.6	501.6	536.8	583.7	625.1
-75°	286.5	312.1	337.5	359.7	369.2	370.0	368.9	375.1	410.0	457.8	500.0
-77.5°	221.3	242.4	262.0	280.2	285.4	284.6	281.3	275.5	301.9	342.8	385.2
-80°	159.4	172.7	188.1	202.4	205.8	204.3	199.9	192.6	213.4	242.9	274.7
-82.5°	104.0	113.0	121.6	129.6	130.4	128.3	124.4	119.8	135.6	154.7	174.7
-85°	53.3	53.3	57.7	61.8	63.7	63.9	62.7	59.9	67.7	76.7	86.1
-87.5°	26.6	26.6	26.2	25.4	24.3	22.8	21.0	18.8	19.6	20.4	21.1
-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: P627773 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-740-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	21.8	21.2	20.5	19.7	18.8	18.4	18.0	17.6	17.1	15.8	14.5
85°	96.1	98.2	99.4	100.0	100.0	103.2	106.2	108.9	111.3	100.9	89.5
82.5°	195.4	204.6	212.6	220.6	228.5	233.9	238.0	241.0	242.9	219.9	194.0
80°	307.6	326.8	342.7	358.0	372.6	376.2	376.2	374.1	370.1	338.6	302.9
77.5°	427.8	453.0	472.9	492.8	512.3	519.5	523.0	525.7	527.5	488.5	440.5
75°	536.8	566.8	594.8	620.8	644.8	657.6	665.0	671.2	675.9	636.8	585.3
72.5°	661.0	692.9	723.2	752.0	777.5	794.3	805.3	814.3	821.4	799.1	766.9
70°	797.7	830.7	862.7	892.7	921.4	944.1	961.9	977.2	990.0	992.5	991.4
67.5°	949.5	988.4	1026.4	1059.1	1093.3	1125.3	1153.4	1176.8	1195.5	1207.8	1214.7
65°	1119.8	1178.3	1230.3	1274.4	1311.4	1354.0	1391.7	1420.5	1440.8	1456.2	1469.4
62.5°	1320.5	1391.4	1450.9	1509.7	1570.4	1629.4	1666.2	1703.2	1739.3	1773.5	1802.6
60°	1513.7	1591.4	1672.0	1747.1	1816.6	1880.5	1946.7	2005.4	2056.7	2099.6	2131.6
57.5°	1719.6	1814.2	1905.8	2001.1	2090.9	2174.6	2256.3	2331.8	2397.0	2451.8	2496.7
55°	1943.0	2058.7	2167.6	2288.7	2406.0	2513.0	2611.5	2712.5	2803.4	2883.5	2947.0
52.5°	2184.0	2334.4	2478.6	2620.7	2772.8	2910.0	3032.9	3172.8	3296.9	3399.5	3479.4
50°	2471.6	2648.4	2838.7	3014.9	3206.7	3395.6	3569.7	3738.4	3903.4	4046.2	4161.6
47.5°	2799.2	3016.7	3252.5	3486.1	3724.1	3982.4	4212.8	4427.0	4657.6	4857.9	5018.6
45°	3163.3	3440.6	3725.5	4053.6	4356.0	4687.8	4994.8	5270.5	5597.7	5885.9	6117.9
42.5°	3567.2	3936.7	4311.2	4724.6	5125.7	5546.9	5994.3	6391.1	6825.0	7238.6	7572.9
40°	4067.9	4509.5	5011.1	5511.6	6087.3	6628.2	7279.8	7872.1	8409.9	8903.1	9307.4
37.5°	4624.2	5192.8	5823.0	6474.7	7262.5	8034.7	8797.6	9517.8	10153.6	10693.4	11146.3
35°	5255.8	5978.2	6741.6	7693.0	8616.0	9540.9	10402.6	11189.7	11881.3	12490.3	13008.3
32.5°	5982.3	6849.3	7917.9	8986.8	10039.7	11058.0	12004.0	12862.5	13620.9	14304.8	14900.3
30°	6746.1	7929.1	9128.4	10301.1	11451.0	12566.4	13604.7	14550.3	15407.2	16168.5	16854.7
27.5°	7716.7	9027.7	10335.5	11599.6	12864.7	14085.5	15210.6	16261.1	17244.4	18104.9	18889.2
25°	8655.5	10103.9	11494.0	12872.3	14249.5	15560.1	16818.2	18004.7	19130.9	20118.5	20994.1
22.5°	9594.2	11110.1	12595.6	14077.7	15557.0	17018.2	18430.8	19790.1	21049.6	22174.2	23159.8
20°	10463.6	12048.3	13636.9	15234.6	16838.1	18437.5	20024.1	21553.8	22957.0	24255.3	25396.1
17.5°	11243.0	12928.3	14612.6	16321.6	18059.9	19796.3	21558.7	23273.6	24877.7	26354.9	27678.4
15°	11933.1	13691.8	15500.7	17344.8	19211.4	21097.2	23020.3	24939.0	26744.8	28422.6	29900.2
12.5°	12536.7	14365.0	16260.8	18220.4	20246.3	22300.7	24399.5	26502.6	28501.7	30438.7	32034.2
10°	13034.6	14937.6	16919.1	18978.0	21114.5	23325.6	25577.3	27841.2	30043.6	32098.4	33922.9
7.5°	13419.2	15393.4	17435.3	19576.7	21818.1	24149.8	26535.0	28937.6	31287.9	33502.0	35520.7
5°	13690.5	15725.2	17792.9	20020.3	22339.6	24755.8	27234.9	29738.6	32195.5	34523.6	36615.8
2.5°	13847.9	15924.5	18001.0	20289.8	22649.7	25122.5	27668.9	30213.7	32735.5	35150.1	37300.0
0°	13889.4	15984.2	18120.4	20318.6	22747.2	25294.0	27749.3	30302.0	32922.7	35304.1	37446.2
-2.5°	13847.9	15924.5	18001.0	20289.8	22649.7	25122.5	27668.9	30213.7	32735.5	35150.1	37300.0
-5°	13690.5	15725.2	17792.9	20020.3	22339.6	24755.8	27234.9	29738.6	32195.5	34523.6	36615.8
-7.5°	13419.2	15393.4	17435.3	19576.7	21818.1	24149.8	26535.0	28937.6	31287.9	33502.0	35520.7
-10°	13034.6	14937.6	16919.1	18978.0	21114.5	23325.6	25577.3	27841.2	30043.6	32098.4	33922.9
-12.5°	12536.7	14365.0	16260.8	18220.4	20246.3	22300.7	24399.5	26502.6	28501.7	30438.7	32034.2
-15°	11933.1	13691.8	15500.7	17344.8	19211.4	21097.2	23020.3	24939.0	26744.8	28422.6	29900.2
-17.5°	11243.0	12928.3	14612.6	16321.6	18059.9	19796.3	21558.7	23273.6	24877.7	26354.9	27678.4
-20°	10463.6	12048.3	13636.9	15234.6	16838.1	18437.5	20024.1	21553.8	22957.0	24255.3	25396.1



REPORT NUMBER: P627773 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-740-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	9594.2	11110.1	12595.6	14077.7	15557.0	17018.2	18430.8	19790.1	21049.6	22174.2	23159.8
-25°	8655.5	10103.9	11494.0	12872.3	14249.5	15560.1	16818.2	18004.7	19130.9	20118.5	20994.1
-27.5°	7716.7	9027.7	10335.5	11599.6	12864.7	14085.5	15210.6	16261.1	17244.4	18104.9	18889.2
-30°	6746.1	7929.1	9128.4	10301.1	11451.0	12566.4	13604.7	14550.3	15407.2	16168.5	16854.7
-32.5°	5982.3	6849.3	7917.9	8986.8	10039.7	11058.0	12004.0	12862.5	13620.9	14304.8	14900.3
-35°	5255.8	5978.2	6741.6	7693.0	8616.0	9540.9	10402.6	11189.7	11881.3	12490.3	13008.3
-37.5°	4624.2	5192.8	5823.0	6474.7	7262.5	8034.7	8797.6	9517.8	10153.6	10693.4	11146.3
-40°	4067.9	4509.5	5011.1	5511.6	6087.3	6628.2	7279.8	7872.1	8409.9	8903.1	9307.4
-42.5°	3567.2	3936.7	4311.2	4724.6	5125.7	5546.9	5994.3	6391.1	6825.0	7238.6	7572.9
-45°	3163.3	3440.6	3725.5	4053.6	4356.0	4687.8	4994.8	5270.5	5597.7	5885.9	6117.9
-47.5°	2799.2	3016.7	3252.5	3486.1	3724.1	3982.4	4212.8	4427.0	4657.6	4857.9	5018.6
-50°	2471.6	2648.4	2838.7	3014.9	3206.7	3395.6	3569.7	3738.4	3903.4	4046.2	4161.6
-52.5°	2184.0	2334.4	2478.6	2620.7	2772.8	2910.0	3032.9	3172.8	3296.9	3399.5	3479.4
-55°	1943.0	2058.7	2167.6	2288.7	2406.0	2513.0	2611.5	2712.5	2803.4	2883.5	2947.0
-57.5°	1719.6	1814.2	1905.8	2001.1	2090.9	2174.6	2256.3	2331.8	2397.0	2451.8	2496.7
-60°	1513.7	1591.4	1672.0	1747.1	1816.6	1880.5	1946.7	2005.4	2056.7	2099.6	2131.6
-62.5°	1320.5	1391.4	1450.9	1509.7	1570.4	1629.4	1666.2	1703.2	1739.3	1773.5	1802.6
-65°	1119.8	1178.3	1230.3	1274.4	1311.4	1354.0	1391.7	1420.5	1440.8	1456.2	1469.4
-67.5°	949.5	988.4	1026.4	1059.1	1093.3	1125.3	1153.4	1176.8	1195.5	1207.8	1214.7
-70°	797.7	830.7	862.7	892.7	921.4	944.1	961.9	977.2	990.0	992.5	991.4
-72.5°	661.0	692.9	723.2	752.0	777.5	794.3	805.3	814.3	821.4	799.1	766.9
-75°	536.8	566.8	594.8	620.8	644.8	657.6	665.0	671.2	675.9	636.8	585.3
-77.5°	427.8	453.0	472.9	492.8	512.3	519.5	523.0	525.7	527.5	488.5	440.5
-80°	307.6	326.8	342.7	358.0	372.6	376.2	376.2	374.1	370.1	338.6	302.9
-82.5°	195.4	204.6	212.6	220.6	228.5	233.9	238.0	241.0	242.9	219.9	194.0
-85°	96.1	98.2	99.4	100.0	100.0	103.2	106.2	108.9	111.3	100.9	89.5
-87.5°	21.8	21.2	20.5	19.7	18.8	18.4	18.0	17.6	17.1	15.8	14.5
-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: P627773 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-740-U-WR-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°	13.2	11.8	10.3	8.9	10.3	11.8	13.2	14.5	15.8	17.1	17.6
85°	77.3	64.7	63.4	62.0	63.4	64.7	77.3	89.5	100.9	111.3	108.9
82.5°	166.8	138.6	134.3	130.0	134.3	138.6	166.8	194.0	219.9	242.9	241.0
80°	265.8	227.4	219.9	212.7	219.9	227.4	265.8	302.9	338.6	370.1	374.1
77.5°	390.0	337.3	321.9	307.3	321.9	337.3	390.0	440.5	488.5	527.5	525.7
75°	531.9	476.5	457.8	440.2	457.8	476.5	531.9	585.3	636.8	675.9	671.2
72.5°	734.4	700.7	666.6	629.3	666.6	700.7	734.4	766.9	799.1	821.4	814.3
70°	990.3	987.9	979.4	966.1	979.4	987.9	990.3	991.4	992.5	990.0	977.2
67.5°	1217.7	1216.7	1219.7	1220.2	1219.7	1216.7	1217.7	1214.7	1207.8	1195.5	1176.8
65°	1477.4	1480.3	1486.4	1489.1	1486.4	1480.3	1477.4	1469.4	1456.2	1440.8	1420.5
62.5°	1825.0	1840.1	1847.5	1846.6	1847.5	1840.1	1825.0	1802.6	1773.5	1739.3	1703.2
60°	2155.4	2171.1	2180.9	2183.4	2180.9	2171.1	2155.4	2131.6	2099.6	2056.7	2005.4
57.5°	2532.2	2557.8	2571.5	2573.4	2571.5	2557.8	2532.2	2496.7	2451.8	2397.0	2331.8
55°	2995.7	3029.7	3045.0	3043.2	3045.0	3029.7	2995.7	2947.0	2883.5	2803.4	2712.5
52.5°	3539.8	3581.3	3612.3	3631.2	3612.3	3581.3	3539.8	3479.4	3399.5	3296.9	3172.8
50°	4248.3	4307.7	4345.5	4360.9	4345.5	4307.7	4248.3	4161.6	4046.2	3903.4	3738.4
47.5°	5134.6	5213.4	5271.7	5312.3	5271.7	5213.4	5134.6	5018.6	4857.9	4657.6	4427.0
45°	6289.3	6409.3	6490.8	6538.5	6490.8	6409.3	6289.3	6117.9	5885.9	5597.7	5270.5
42.5°	7834.0	8020.2	8134.4	8178.2	8134.4	8020.2	7834.0	7572.9	7238.6	6825.0	6391.1
40°	9626.6	9850.5	9997.3	10098.7	9997.3	9850.5	9626.6	9307.4	8903.1	8409.9	7872.1
37.5°	11493.8	11728.9	11871.9	11968.9	11871.9	11728.9	11493.8	11146.3	10693.4	10153.6	9517.8
35°	13398.7	13644.8	13778.9	13854.0	13778.9	13644.8	13398.7	13008.3	12490.3	11881.3	11189.7
32.5°	15354.4	15625.4	15771.3	15922.2	15771.3	15625.4	15354.4	14900.3	14304.8	13620.9	12862.5
30°	17396.9	17708.0	17860.6	17934.2	17860.6	17708.0	17396.9	16854.7	16168.5	15407.2	14550.3
27.5°	19522.2	19910.1	20101.1	20227.0	20101.1	19910.1	19522.2	18889.2	18104.9	17244.4	16261.1
25°	21733.7	22214.3	22433.1	22629.0	22433.1	22214.3	21733.7	20994.1	20118.5	19130.9	18004.7
22.5°	24028.2	24626.7	24880.2	25019.3	24880.2	24626.7	24028.2	23159.8	22174.2	21049.6	19790.1
20°	26382.5	27097.7	27449.9	27631.1	27449.9	27097.7	26382.5	25396.1	24255.3	22957.0	21553.8
17.5°	28790.1	29679.7	30135.4	30240.0	30135.4	29679.7	28790.1	27678.4	26354.9	24877.7	23273.6
15°	31153.6	32115.8	32654.5	32851.8	32654.5	32115.8	31153.6	29900.2	28422.6	26744.8	24939.0
12.5°	33391.9	34389.2	35032.9	35147.5	35032.9	34389.2	33391.9	32034.2	30438.7	28501.7	26502.6
10°	35421.9	36455.1	37166.0	37328.0	37166.0	36455.1	35421.9	33922.9	32098.4	30043.6	27841.2
7.5°	37119.0	38252.6	39038.0	39174.6	39038.0	38252.6	37119.0	35520.7	33502.0	31287.9	28937.6
5°	38360.6	39706.5	40351.2	40513.0	40351.2	39706.5	38360.6	36615.8	34523.6	32195.5	29738.6
2.5°	39041.8	40411.9	41307.9	41204.4	41307.9	40411.9	39041.8	37300.0	35150.1	32735.5	30213.7
0°	39118.5	40551.4	41408.2	41804.2	41408.2	40551.4	39118.5	37446.2	35304.1	32922.7	30302.0
-2.5°	39041.8	40411.9	41307.9	41204.4	41307.9	40411.9	39041.8	37300.0	35150.1	32735.5	30213.7
-5°	38360.6	39706.5	40351.2	40513.0	40351.2	39706.5	38360.6	36615.8	34523.6	32195.5	29738.6
-7.5°	37119.0	38252.6	39038.0	39174.6	39038.0	38252.6	37119.0	35520.7	33502.0	31287.9	28937.6
-10°	35421.9	36455.1	37166.0	37328.0	37166.0	36455.1	35421.9	33922.9	32098.4	30043.6	27841.2
-12.5°	33391.9	34389.2	35032.9	35147.5	35032.9	34389.2	33391.9	32034.2	30438.7	28501.7	26502.6
-15°	31153.6	32115.8	32654.5	32851.8	32654.5	32115.8	31153.6	29900.2	28422.6	26744.8	24939.0
-17.5°	28790.1	29679.7	30135.4	30240.0	30135.4	29679.7	28790.1	27678.4	26354.9	24877.7	23273.6
-20°	26382.5	27097.7	27449.9	27631.1	27449.9	27097.7	26382.5	25396.1	24255.3	22957.0	21553.8



REPORT NUMBER: P627773 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-740-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	24028.2	24626.7	24880.2	25019.3	24880.2	24626.7	24028.2	23159.8	22174.2	21049.6	19790.1
-25°	21733.7	22214.3	22433.1	22629.0	22433.1	22214.3	21733.7	20994.1	20118.5	19130.9	18004.7
-27.5°	19522.2	19910.1	20101.1	20227.0	20101.1	19910.1	19522.2	18889.2	18104.9	17244.4	16261.1
-30°	17396.9	17708.0	17860.6	17934.2	17860.6	17708.0	17396.9	16854.7	16168.5	15407.2	14550.3
-32.5°	15354.4	15625.4	15771.3	15922.2	15771.3	15625.4	15354.4	14900.3	14304.8	13620.9	12862.5
-35°	13398.7	13644.8	13778.9	13854.0	13778.9	13644.8	13398.7	13008.3	12490.3	11881.3	11189.7
-37.5°	11493.8	11728.9	11871.9	11968.9	11871.9	11728.9	11493.8	11146.3	10693.4	10153.6	9517.8
-40°	9626.6	9850.5	9997.3	10098.7	9997.3	9850.5	9626.6	9307.4	8903.1	8409.9	7872.1
-42.5°	7834.0	8020.2	8134.4	8178.2	8134.4	8020.2	7834.0	7572.9	7238.6	6825.0	6391.1
-45°	6289.3	6409.3	6490.8	6538.5	6490.8	6409.3	6289.3	6117.9	5885.9	5597.7	5270.5
-47.5°	5134.6	5213.4	5271.7	5312.3	5271.7	5213.4	5134.6	5018.6	4857.9	4657.6	4427.0
-50°	4248.3	4307.7	4345.5	4360.9	4345.5	4307.7	4248.3	4161.6	4046.2	3903.4	3738.4
-52.5°	3539.8	3581.3	3612.3	3631.2	3612.3	3581.3	3539.8	3479.4	3399.5	3296.9	3172.8
-55°	2995.7	3029.7	3045.0	3043.2	3045.0	3029.7	2995.7	2947.0	2883.5	2803.4	2712.5
-57.5°	2532.2	2557.8	2571.5	2573.4	2571.5	2557.8	2532.2	2496.7	2451.8	2397.0	2331.8
-60°	2155.4	2171.1	2180.9	2183.4	2180.9	2171.1	2155.4	2131.6	2099.6	2056.7	2005.4
-62.5°	1825.0	1840.1	1847.5	1846.6	1847.5	1840.1	1825.0	1802.6	1773.5	1739.3	1703.2
-65°	1477.4	1480.3	1486.4	1489.1	1486.4	1480.3	1477.4	1469.4	1456.2	1440.8	1420.5
-67.5°	1217.7	1216.7	1219.7	1220.2	1219.7	1216.7	1217.7	1214.7	1207.8	1195.5	1176.8
-70°	990.3	987.9	979.4	966.1	979.4	987.9	990.3	991.4	992.5	990.0	977.2
-72.5°	734.4	700.7	666.6	629.3	666.6	700.7	734.4	766.9	799.1	821.4	814.3
-75°	531.9	476.5	457.8	440.2	457.8	476.5	531.9	585.3	636.8	675.9	671.2
-77.5°	390.0	337.3	321.9	307.3	321.9	337.3	390.0	440.5	488.5	527.5	525.7
-80°	265.8	227.4	219.9	212.7	219.9	227.4	265.8	302.9	338.6	370.1	374.1
-82.5°	166.8	138.6	134.3	130.0	134.3	138.6	166.8	194.0	219.9	242.9	241.0
-85°	77.3	64.7	63.4	62.0	63.4	64.7	77.3	89.5	100.9	111.3	108.9
-87.5°	13.2	11.8	10.3	8.9	10.3	11.8	13.2	14.5	15.8	17.1	17.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P627773 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-740-U-WR-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°	18.0	18.4	18.8	19.7	20.5	21.2	21.8	21.1	20.4	19.6	18.8
85°	106.2	103.2	100.0	100.0	99.4	98.2	96.1	86.1	76.7	67.7	59.9
82.5°	238.0	233.9	228.5	220.6	212.6	204.6	195.4	174.7	154.7	135.6	119.8
80°	376.2	376.2	372.6	358.0	342.7	326.8	307.6	274.7	242.9	213.4	192.6
77.5°	523.0	519.5	512.3	492.8	472.9	453.0	427.8	385.2	342.8	301.9	275.5
75°	665.0	657.6	644.8	620.8	594.8	566.8	536.8	500.0	457.8	410.0	375.1
72.5°	805.3	794.3	777.5	752.0	723.2	692.9	661.0	625.1	583.7	536.8	501.6
70°	961.9	944.1	921.4	892.7	862.7	830.7	797.7	760.8	717.8	671.0	633.9
67.5°	1153.4	1125.3	1093.3	1059.1	1026.4	988.4	949.5	907.5	864.0	814.8	768.0
65°	1391.7	1354.0	1311.4	1274.4	1230.3	1178.3	1119.8	1068.8	1018.4	963.0	901.7
62.5°	1666.2	1629.4	1570.4	1509.7	1450.9	1391.4	1320.5	1249.1	1180.2	1110.8	1039.2
60°	1946.7	1880.5	1816.6	1747.1	1672.0	1591.4	1513.7	1432.1	1346.9	1263.3	1177.7
57.5°	2256.3	2174.6	2090.9	2001.1	1905.8	1814.2	1719.6	1618.2	1521.5	1420.3	1318.0
55°	2611.5	2513.0	2406.0	2288.7	2167.6	2058.7	1943.0	1826.9	1709.4	1582.0	1469.0
52.5°	3032.9	2910.0	2772.8	2620.7	2478.6	2334.4	2184.0	2052.1	1908.5	1767.0	1626.3
50°	3569.7	3395.6	3206.7	3014.9	2838.7	2648.4	2471.6	2298.2	2124.4	1960.6	1796.8
47.5°	4212.8	3982.4	3724.1	3486.1	3252.5	3016.7	2799.2	2569.8	2370.5	2164.2	1982.1
45°	4994.8	4687.8	4356.0	4053.6	3725.5	3440.6	3163.3	2899.6	2637.7	2404.6	2172.2
42.5°	5994.3	5546.9	5125.7	4724.6	4311.2	3936.7	3567.2	3254.7	2947.4	2658.9	2396.8
40°	7279.8	6628.2	6087.3	5511.6	5011.1	4509.5	4067.9	3634.8	3285.6	2943.8	2624.1
37.5°	8797.6	8034.7	7262.5	6474.7	5823.0	5192.8	4624.2	4114.3	3639.3	3250.7	2881.8
35°	10402.6	9540.9	8616.0	7693.0	6741.6	5978.2	5255.8	4627.5	4073.2	3572.1	3147.0
32.5°	12004.0	11058.0	10039.7	8986.8	7917.9	6849.3	5982.3	5204.0	4510.5	3939.8	3436.9
30°	13604.7	12566.4	11451.0	10301.1	9128.4	7929.1	6746.1	5836.9	5022.8	4306.9	3728.4
27.5°	15210.6	14085.5	12864.7	11599.6	10335.5	9027.7	7716.7	6490.0	5539.0	4730.0	4048.4
25°	16818.2	15560.1	14249.5	12872.3	11494.0	10103.9	8655.5	7287.9	6117.9	5153.3	4343.3
22.5°	18430.8	17018.2	15557.0	14077.7	12595.6	11110.1	9594.2	8069.5	6666.4	5583.9	4688.5
20°	20024.1	18437.5	16838.1	15234.6	13636.9	12048.3	10463.6	8836.0	7311.1	6029.6	5010.7
17.5°	21558.7	19796.3	18059.9	16321.6	14612.6	12928.3	11243.0	9543.2	7886.9	6426.4	5295.2
15°	23020.3	21097.2	19211.4	17344.8	15500.7	13691.8	11933.1	10164.2	8410.5	6840.2	5607.1
12.5°	24399.5	22300.7	20246.3	18220.4	16260.8	14365.0	12536.7	10709.4	8903.7	7243.4	5885.1
10°	25577.3	23325.6	21114.5	18978.0	16919.1	14937.6	13034.6	11170.6	9326.4	7578.8	6112.5
7.5°	26535.0	24149.8	21818.1	19576.7	17435.3	15393.4	13419.2	11524.5	9661.2	7841.0	6288.1
5°	27234.9	24755.8	22339.6	20020.3	17792.9	15725.2	13690.5	11766.5	9903.8	8027.4	6410.8
2.5°	27668.9	25122.5	22649.7	20289.8	18001.0	15924.5	13847.9	11912.8	10042.2	8130.0	6487.8
0°	27749.3	25294.0	22747.2	20318.6	18120.4	15984.2	13889.4	11966.0	10078.0	8151.6	6511.9
-2.5°	27668.9	25122.5	22649.7	20289.8	18001.0	15924.5	13847.9	11912.8	10042.2	8130.0	6487.8
-5°	27234.9	24755.8	22339.6	20020.3	17792.9	15725.2	13690.5	11766.5	9903.8	8027.4	6410.8
-7.5°	26535.0	24149.8	21818.1	19576.7	17435.3	15393.4	13419.2	11524.5	9661.2	7841.0	6288.1
-10°	25577.3	23325.6	21114.5	18978.0	16919.1	14937.6	13034.6	11170.6	9326.4	7578.8	6112.5
-12.5°	24399.5	22300.7	20246.3	18220.4	16260.8	14365.0	12536.7	10709.4	8903.7	7243.4	5885.1
-15°	23020.3	21097.2	19211.4	17344.8	15500.7	13691.8	11933.1	10164.2	8410.5	6840.2	5607.1
-17.5°	21558.7	19796.3	18059.9	16321.6	14612.6	12928.3	11243.0	9543.2	7886.9	6426.4	5295.2
-20°	20024.1	18437.5	16838.1	15234.6	13636.9	12048.3	10463.6	8836.0	7311.1	6029.6	5010.7



REPORT NUMBER: P627773 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-740-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	18430.8	17018.2	15557.0	14077.7	12595.6	11110.1	9594.2	8069.5	6666.4	5583.9	4688.5
-25°	16818.2	15560.1	14249.5	12872.3	11494.0	10103.9	8655.5	7287.9	6117.9	5153.3	4343.3
-27.5°	15210.6	14085.5	12864.7	11599.6	10335.5	9027.7	7716.7	6490.0	5539.0	4730.0	4048.4
-30°	13604.7	12566.4	11451.0	10301.1	9128.4	7929.1	6746.1	5836.9	5022.8	4306.9	3728.4
-32.5°	12004.0	11058.0	10039.7	8986.8	7917.9	6849.3	5982.3	5204.0	4510.5	3939.8	3436.9
-35°	10402.6	9540.9	8616.0	7693.0	6741.6	5978.2	5255.8	4627.5	4073.2	3572.1	3147.0
-37.5°	8797.6	8034.7	7262.5	6474.7	5823.0	5192.8	4624.2	4114.3	3639.3	3250.7	2881.8
-40°	7279.8	6628.2	6087.3	5511.6	5011.1	4509.5	4067.9	3634.8	3285.6	2943.8	2624.1
-42.5°	5994.3	5546.9	5125.7	4724.6	4311.2	3936.7	3567.2	3254.7	2947.4	2658.9	2396.8
-45°	4994.8	4687.8	4356.0	4053.6	3725.5	3440.6	3163.3	2899.6	2637.7	2404.6	2172.2
-47.5°	4212.8	3982.4	3724.1	3486.1	3252.5	3016.7	2799.2	2569.8	2370.5	2164.2	1982.1
-50°	3569.7	3395.6	3206.7	3014.9	2838.7	2648.4	2471.6	2298.2	2124.4	1960.6	1796.8
-52.5°	3032.9	2910.0	2772.8	2620.7	2478.6	2334.4	2184.0	2052.1	1908.5	1767.0	1626.3
-55°	2611.5	2513.0	2406.0	2288.7	2167.6	2058.7	1943.0	1826.9	1709.4	1582.0	1469.0
-57.5°	2256.3	2174.6	2090.9	2001.1	1905.8	1814.2	1719.6	1618.2	1521.5	1420.3	1318.0
-60°	1946.7	1880.5	1816.6	1747.1	1672.0	1591.4	1513.7	1432.1	1346.9	1263.3	1177.7
-62.5°	1666.2	1629.4	1570.4	1509.7	1450.9	1391.4	1320.5	1249.1	1180.2	1110.8	1039.2
-65°	1391.7	1354.0	1311.4	1274.4	1230.3	1178.3	1119.8	1068.8	1018.4	963.0	901.7
-67.5°	1153.4	1125.3	1093.3	1059.1	1026.4	988.4	949.5	907.5	864.0	814.8	768.0
-70°	961.9	944.1	921.4	892.7	862.7	830.7	797.7	760.8	717.8	671.0	633.9
-72.5°	805.3	794.3	777.5	752.0	723.2	692.9	661.0	625.1	583.7	536.8	501.6
-75°	665.0	657.6	644.8	620.8	594.8	566.8	536.8	500.0	457.8	410.0	375.1
-77.5°	523.0	519.5	512.3	492.8	472.9	453.0	427.8	385.2	342.8	301.9	275.5
-80°	376.2	376.2	372.6	358.0	342.7	326.8	307.6	274.7	242.9	213.4	192.6
-82.5°	238.0	233.9	228.5	220.6	212.6	204.6	195.4	174.7	154.7	135.6	119.8
-85°	106.2	103.2	100.0	100.0	99.4	98.2	96.1	86.1	76.7	67.7	59.9
-87.5°	18.0	18.4	18.8	19.7	20.5	21.2	21.8	21.1	20.4	19.6	18.8
-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: P627773 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-740-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	21.0	22.8	24.3	25.4	26.2	26.6	26.6	26.2	25.1	23.7	22.0
85°	62.7	63.9	63.7	61.8	57.7	53.3	53.3	52.5	50.3	47.5	44.0
82.5°	124.4	128.3	130.4	129.6	121.6	113.0	104.0	94.5	84.2	72.7	66.0
80°	199.9	204.3	205.8	202.4	188.1	172.7	159.4	145.7	132.3	117.1	100.1
77.5°	281.3	284.6	285.4	280.2	262.0	242.4	221.3	199.2	180.3	161.4	140.3
75°	368.9	370.0	369.2	359.7	337.5	312.1	286.5	259.0	231.4	205.7	180.3
72.5°	482.6	467.1	455.4	440.2	415.6	387.1	354.5	317.9	282.9	250.2	219.7
70°	601.5	568.7	543.2	519.8	492.7	462.5	426.4	380.4	333.6	293.9	256.8
67.5°	725.6	685.0	644.1	601.3	567.9	533.9	497.3	442.0	386.0	336.7	293.1
65°	846.6	796.4	750.0	694.5	645.9	604.4	563.0	500.5	436.5	379.0	328.7
62.5°	968.3	901.0	843.0	782.9	724.2	672.8	626.1	554.8	484.9	419.5	362.4
60°	1093.5	1014.5	935.6	866.2	799.9	737.5	679.4	607.5	531.7	458.2	394.3
57.5°	1223.1	1128.3	1038.0	951.6	874.4	802.5	730.6	656.1	577.0	497.3	423.0
55°	1353.9	1246.9	1140.8	1041.7	950.3	868.5	783.7	702.5	620.3	535.6	445.9
52.5°	1494.4	1368.9	1249.3	1133.5	1028.9	932.7	840.6	748.0	661.7	572.3	470.9
50°	1643.1	1498.1	1361.5	1232.1	1106.8	999.9	895.9	797.8	702.0	607.8	494.3
47.5°	1799.4	1635.3	1479.7	1331.4	1195.4	1064.8	953.9	846.7	741.2	642.8	515.7
45°	1971.5	1776.3	1601.1	1438.3	1280.4	1138.6	1011.0	894.0	783.6	667.9	534.9
42.5°	2144.5	1928.4	1727.1	1541.8	1373.0	1213.0	1065.8	943.0	824.5	690.8	553.6
40°	2343.9	2084.0	1853.8	1653.0	1464.3	1284.1	1128.9	990.4	862.5	713.5	571.9
37.5°	2538.4	2251.4	1992.2	1759.1	1554.3	1364.3	1190.0	1035.3	892.6	738.4	588.4
35°	2767.5	2424.3	2123.9	1871.4	1647.1	1440.6	1247.3	1081.3	925.5	762.3	603.1
32.5°	2990.1	2600.3	2272.2	1986.4	1734.7	1512.9	1308.2	1128.4	959.0	785.0	616.0
30°	3234.6	2791.6	2411.9	2094.1	1821.7	1587.3	1369.5	1172.7	992.9	806.5	628.5
27.5°	3469.5	2968.1	2547.9	2208.1	1913.6	1656.9	1426.2	1214.2	1026.8	828.9	644.1
25°	3702.3	3158.7	2697.8	2316.8	1998.1	1720.2	1478.3	1253.0	1060.1	854.0	658.1
22.5°	3955.0	3343.1	2832.8	2414.4	2074.5	1777.9	1528.0	1295.4	1090.6	877.9	670.3
20°	4187.3	3509.6	2953.5	2507.9	2150.3	1840.3	1574.6	1333.4	1118.0	900.4	680.7
17.5°	4406.4	3678.9	3088.1	2608.9	2222.0	1895.3	1615.5	1366.7	1142.2	921.1	689.0
15°	4636.4	3847.1	3209.2	2696.4	2284.1	1942.8	1650.8	1395.4	1163.1	939.7	697.0
12.5°	4832.8	3989.3	3311.0	2770.1	2336.2	1982.5	1680.1	1419.3	1180.5	955.5	704.1
10°	4994.6	4104.8	3393.0	2829.5	2378.2	2014.3	1703.5	1438.6	1195.0	967.8	708.0
7.5°	5120.5	4193.0	3455.1	2874.6	2410.4	2039.2	1722.9	1453.7	1206.2	976.4	708.9
5°	5208.7	4254.6	3500.7	2906.1	2434.8	2057.0	1736.8	1463.7	1213.8	981.1	706.8
2.5°	5254.9	4289.4	3528.7	2922.9	2448.9	2066.7	1744.5	1468.6	1217.6	981.7	701.9
0°	5262.1	4295.9	3536.6	2925.0	2452.3	2068.2	1746.1	1468.4	1217.3	978.0	694.3
-2.5°	5254.9	4289.4	3528.7	2922.9	2448.9	2066.7	1744.5	1468.6	1217.6	981.7	701.9
-5°	5208.7	4254.6	3500.7	2906.1	2434.8	2057.0	1736.8	1463.7	1213.8	981.1	706.8
-7.5°	5120.5	4193.0	3455.1	2874.6	2410.4	2039.2	1722.9	1453.7	1206.2	976.4	708.9
-10°	4994.6	4104.8	3393.0	2829.5	2378.2	2014.3	1703.5	1438.6	1195.0	967.8	708.0
-12.5°	4832.8	3989.3	3311.0	2770.1	2336.2	1982.5	1680.1	1419.3	1180.5	955.5	704.1
-15°	4636.4	3847.1	3209.2	2696.4	2284.1	1942.8	1650.8	1395.4	1163.1	939.7	697.0
-17.5°	4406.4	3678.9	3088.1	2608.9	2222.0	1895.3	1615.5	1366.7	1142.2	921.1	689.0
-20°	4187.3	3509.6	2953.5	2507.9	2150.3	1840.3	1574.6	1333.4	1118.0	900.4	680.7



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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°	3955.0	3343.1	2832.8	2414.4	2074.5	1777.9	1528.0	1295.4	1090.6	877.9	670.3
-25°	3702.3	3158.7	2697.8	2316.8	1998.1	1720.2	1478.3	1253.0	1060.1	854.0	658.1
-27.5°	3469.5	2968.1	2547.9	2208.1	1913.6	1656.9	1426.2	1214.2	1026.8	828.9	644.1
-30°	3234.6	2791.6	2411.9	2094.1	1821.7	1587.3	1369.5	1172.7	992.9	806.5	628.5
-32.5°	2990.1	2600.3	2272.2	1986.4	1734.7	1512.9	1308.2	1128.4	959.0	785.0	616.0
-35°	2767.5	2424.3	2123.9	1871.4	1647.1	1440.6	1247.3	1081.3	925.5	762.3	603.1
-37.5°	2538.4	2251.4	1992.2	1759.1	1554.3	1364.3	1190.0	1035.3	892.6	738.4	588.4
-40°	2343.9	2084.0	1853.8	1653.0	1464.3	1284.1	1128.9	990.4	862.5	713.5	571.9
-42.5°	2144.5	1928.4	1727.1	1541.8	1373.0	1213.0	1065.8	943.0	824.5	690.8	553.6
-45°	1971.5	1776.3	1601.1	1438.3	1280.4	1138.6	1011.0	894.0	783.6	667.9	534.9
-47.5°	1799.4	1635.3	1479.7	1331.4	1195.4	1064.8	953.9	846.7	741.2	642.8	515.7
-50°	1643.1	1498.1	1361.5	1232.1	1106.8	999.9	895.9	797.8	702.0	607.8	494.3
-52.5°	1494.4	1368.9	1249.3	1133.5	1028.9	932.7	840.6	748.0	661.7	572.3	470.9
-55°	1353.9	1246.9	1140.8	1041.7	950.3	868.5	783.7	702.5	620.3	535.6	445.9
-57.5°	1223.1	1128.3	1038.0	951.6	874.4	802.5	730.6	656.1	577.0	497.3	423.0
-60°	1093.5	1014.5	935.6	866.2	799.9	737.5	679.4	607.5	531.7	458.2	394.3
-62.5°	968.3	901.0	843.0	782.9	724.2	672.8	626.1	554.8	484.9	419.5	362.4
-65°	846.6	796.4	750.0	694.5	645.9	604.4	563.0	500.5	436.5	379.0	328.7
-67.5°	725.6	685.0	644.1	601.3	567.9	533.9	497.3	442.0	386.0	336.7	293.1
-70°	601.5	568.7	543.2	519.8	492.7	462.5	426.4	380.4	333.6	293.9	256.8
-72.5°	482.6	467.1	455.4	440.2	415.6	387.1	354.5	317.9	282.9	250.2	219.7
-75°	368.9	370.0	369.2	359.7	337.5	312.1	286.5	259.0	231.4	205.7	180.3
-77.5°	281.3	284.6	285.4	280.2	262.0	242.4	221.3	199.2	180.3	161.4	140.3
-80°	199.9	204.3	205.8	202.4	188.1	172.7	159.4	145.7	132.3	117.1	100.1
-82.5°	124.4	128.3	130.4	129.6	121.6	113.0	104.0	94.5	84.2	72.7	66.0
-85°	62.7	63.9	63.7	61.8	57.7	53.3	53.3	52.5	50.3	47.5	44.0
-87.5°	21.0	22.8	24.3	25.4	26.2	26.6	26.6	26.2	25.1	23.7	22.0
-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°	19.9	15.5	11.5	8.0	4.9	2.1	0.0
85°	39.6	30.9	23.0	16.0	9.8	4.2	0.0
82.5°	59.3	46.2	34.4	23.9	14.6	6.4	0.0
80°	80.5	61.4	45.7	31.7	19.4	8.4	0.0
77.5°	114.9	79.8	56.8	39.4	24.1	10.5	0.0
75°	148.4	104.4	68.8	47.0	28.7	12.5	0.0
72.5°	180.8	128.2	85.3	54.5	33.3	14.6	0.0
70°	211.5	151.1	101.1	62.3	37.7	16.5	0.0
67.5°	238.2	172.9	116.3	72.0	42.0	18.4	0.0
65°	263.6	193.0	130.8	81.2	46.2	20.3	0.0
62.5°	287.5	211.3	144.4	90.0	50.2	22.1	0.0
60°	309.9	228.6	157.1	98.3	54.1	23.9	0.0
57.5°	330.2	244.6	169.0	106.0	58.8	25.6	0.0
55°	348.9	259.4	179.9	113.2	63.3	27.2	0.0
52.5°	366.0	272.9	190.0	119.7	67.7	28.7	0.0
50°	381.6	285.4	199.2	125.6	71.8	30.2	0.0
47.5°	396.0	296.6	207.4	131.0	75.8	31.6	0.0
45°	412.2	306.5	214.7	136.3	79.6	32.9	0.0
42.5°	426.7	315.1	220.9	141.0	83.1	34.2	0.0
40°	439.4	322.4	226.5	146.2	86.4	35.3	0.0
37.5°	450.2	328.4	231.5	151.4	89.5	36.4	0.0
35°	459.2	335.1	235.6	156.3	92.4	37.4	0.0
32.5°	467.5	341.5	238.7	160.7	95.0	38.2	0.0
30°	476.7	346.4	240.9	164.7	97.4	39.0	0.0
27.5°	484.2	349.9	246.0	168.2	99.6	39.7	0.0
25°	490.0	352.0	251.0	171.2	101.5	40.3	0.0
22.5°	494.1	354.8	255.3	173.9	103.1	40.8	0.0
20°	496.5	361.2	259.1	176.0	104.5	41.3	0.0
17.5°	502.1	366.5	262.2	177.7	105.6	41.6	0.0
15°	508.8	370.7	264.7	179.0	106.5	41.8	0.0
12.5°	513.6	373.7	266.6	179.8	107.1	42.0	0.0
10°	516.6	375.6	267.8	180.2	107.5	42.0	0.0
7.5°	517.8	376.4	268.3	180.1	107.6	42.0	0.0
5°	517.3	376.1	268.2	179.6	107.4	41.9	0.0
2.5°	515.0	374.7	267.4	178.6	107.0	41.7	0.0
0°	511.1	372.3	265.9	177.3	106.4	41.4	0.0
-2.5°	515.0	374.7	267.4	178.6	107.0	41.7	0.0
-5°	517.3	376.1	268.2	179.6	107.4	41.9	0.0
-7.5°	517.8	376.4	268.3	180.1	107.6	42.0	0.0
-10°	516.6	375.6	267.8	180.2	107.5	42.0	0.0
-12.5°	513.6	373.7	266.6	179.8	107.1	42.0	0.0
-15°	508.8	370.7	264.7	179.0	106.5	41.8	0.0
-17.5°	502.1	366.5	262.2	177.7	105.6	41.6	0.0
-20°	496.5	361.2	259.1	176.0	104.5	41.3	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	494.1	354.8	255.3	173.9	103.1	40.8	0.0
-25°	490.0	352.0	251.0	171.2	101.5	40.3	0.0
-27.5°	484.2	349.9	246.0	168.2	99.6	39.7	0.0
-30°	476.7	346.4	240.9	164.7	97.4	39.0	0.0
-32.5°	467.5	341.5	238.7	160.7	95.0	38.2	0.0
-35°	459.2	335.1	235.6	156.3	92.4	37.4	0.0
-37.5°	450.2	328.4	231.5	151.4	89.5	36.4	0.0
-40°	439.4	322.4	226.5	146.2	86.4	35.3	0.0
-42.5°	426.7	315.1	220.9	141.0	83.1	34.2	0.0
-45°	412.2	306.5	214.7	136.3	79.6	32.9	0.0
-47.5°	396.0	296.6	207.4	131.0	75.8	31.6	0.0
-50°	381.6	285.4	199.2	125.6	71.8	30.2	0.0
-52.5°	366.0	272.9	190.0	119.7	67.7	28.7	0.0
-55°	348.9	259.4	179.9	113.2	63.3	27.2	0.0
-57.5°	330.2	244.6	169.0	106.0	58.8	25.6	0.0
-60°	309.9	228.6	157.1	98.3	54.1	23.9	0.0
-62.5°	287.5	211.3	144.4	90.0	50.2	22.1	0.0
-65°	263.6	193.0	130.8	81.2	46.2	20.3	0.0
-67.5°	238.2	172.9	116.3	72.0	42.0	18.4	0.0
-70°	211.5	151.1	101.1	62.3	37.7	16.5	0.0
-72.5°	180.8	128.2	85.3	54.5	33.3	14.6	0.0
-75°	148.4	104.4	68.8	47.0	28.7	12.5	0.0
-77.5°	114.9	79.8	56.8	39.4	24.1	10.5	0.0
-80°	80.5	61.4	45.7	31.7	19.4	8.4	0.0
-82.5°	59.3	46.2	34.4	23.9	14.6	6.4	0.0
-85°	39.6	30.9	23.0	16.0	9.8	4.2	0.0
-87.5°	19.9	15.5	11.5	8.0	4.9	2.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)