

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: P627891 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-740-U-VWR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627891 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-17)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA6C-740-U-VWR-XX  
Description: GALLEON FLOOD, SIX LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N150  
Light Source: (96) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

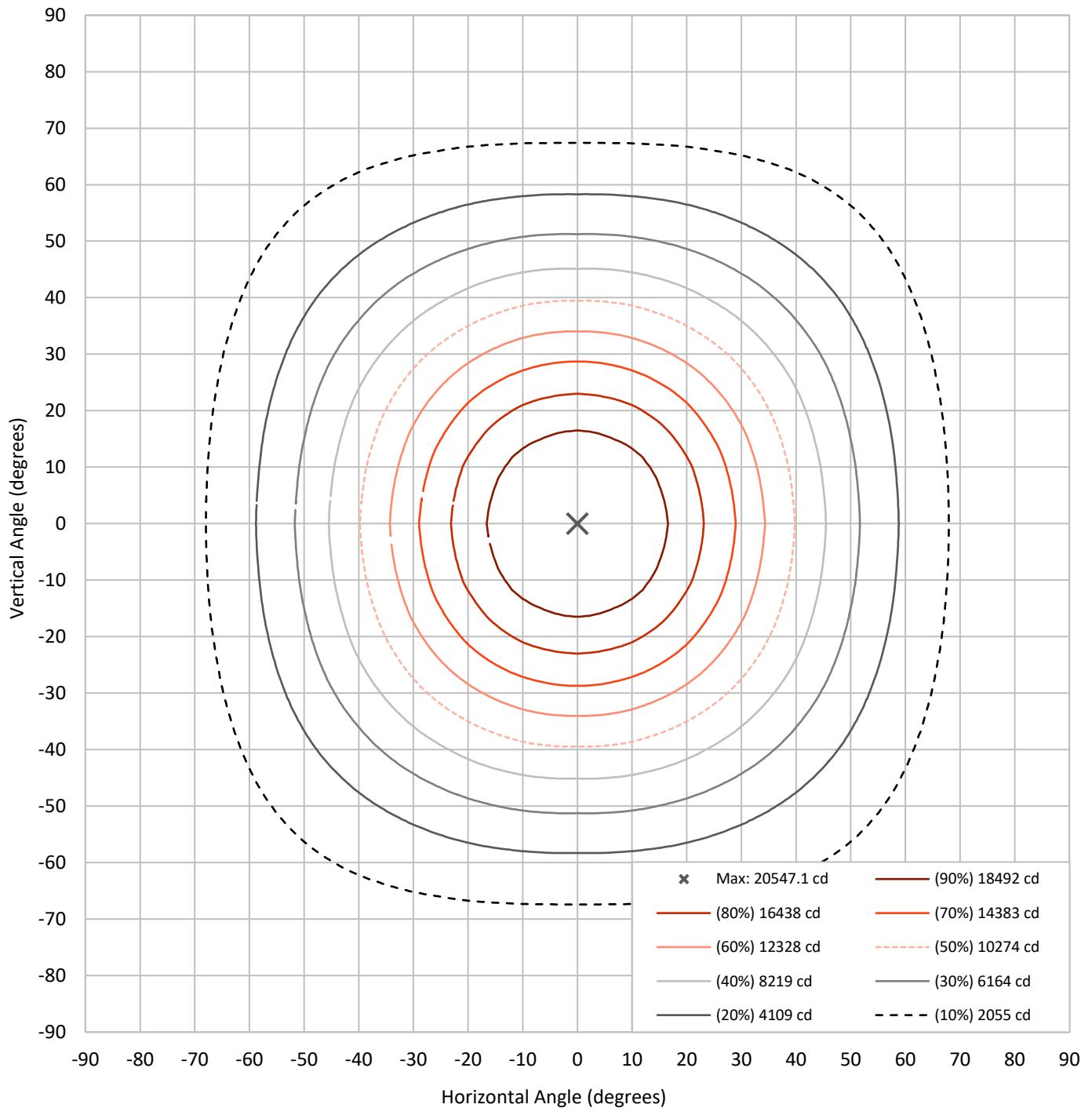
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	37137 lumens	Max Intensity:	20547.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	150.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	79.6°H x 78.9°V	Field Angle (10%):	135.9°H x 134.8°V
Beam Lumens:	21781.1 lumens	Field Lumens:	35403.8 lumens
Beam Efficiency:	58.7%	Field Efficiency:	95.3%
Input Watts (W):	247.5		
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





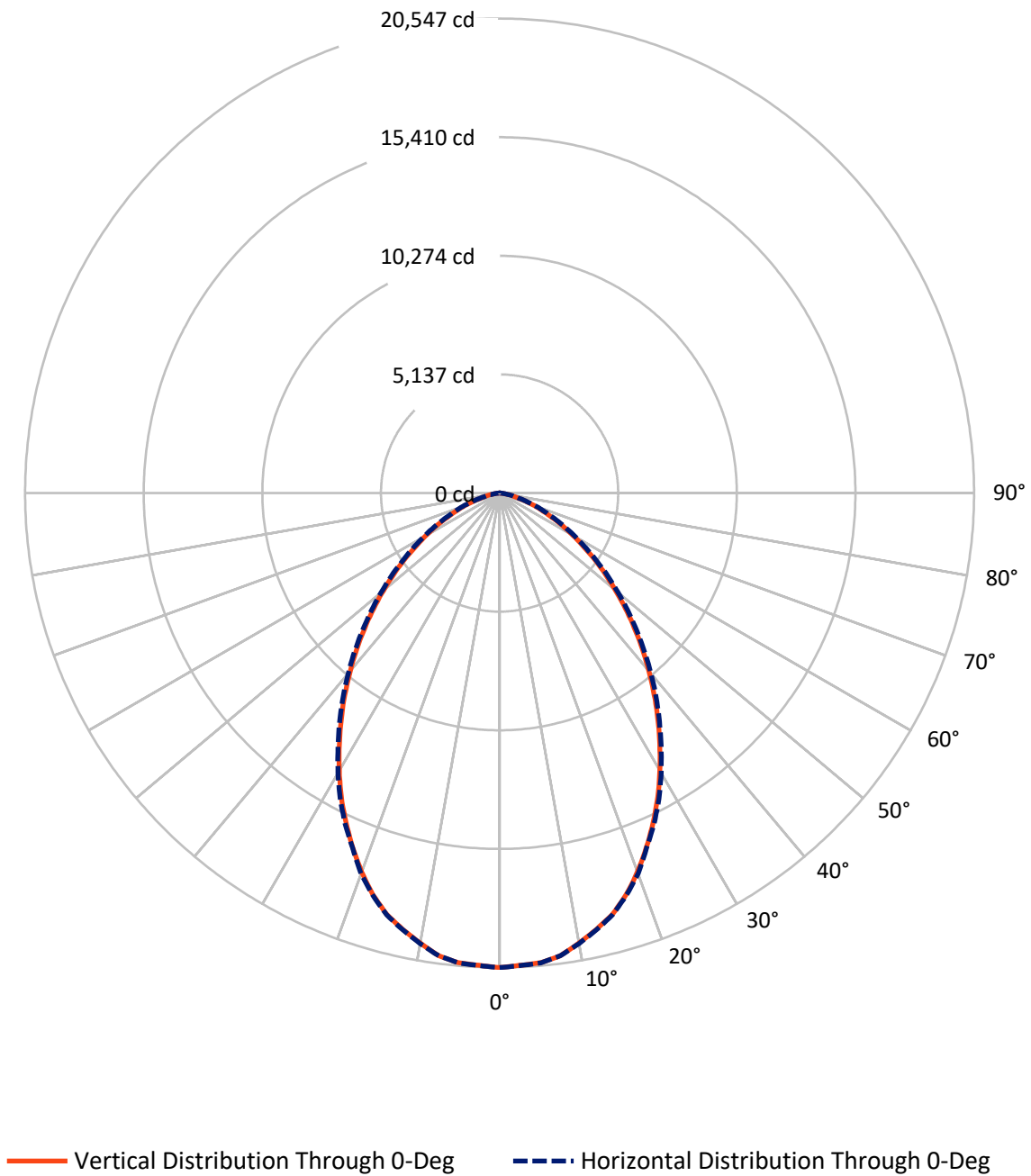
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### Lumen Table

90																			
80	1.3	15.2	41.4	70.3	66.3	70.3	41.4	15.2	1.3										
70																			
60	6.9	9.5	19.2	32.8	47.9	61.9	72.4	77.5	77.5	72.4	61.9	47.9	32.8	19.2	9.5	6.9			
50																			
40	12.1	14.3	31.2	55.7	84.3	114.6	139.5	152.5	152.5	139.5	114.6	84.3	55.7	31.2	14.3	12.1			
30																			
20	15.6	19.2	45.2	83.4	132.1	183.1	225.8	249.2	249.2	225.8	183.1	132.1	83.4	45.2	19.2	15.6			
10																			
0	17.0	24.3	59.8	114.8	184.9	259.3	322.7	358.8	358.8	322.7	259.3	184.9	114.8	59.8	24.3	17.0			
-10																			
-20	15.6	29.0	73.6	144.3	235.4	334.2	420.3	469.8	469.8	420.3	334.2	235.4	144.3	73.6	29.0	15.6			
-30																			
-40	12.1	32.8	84.2	166.4	274.8	395.0	500.9	561.2	561.2	500.9	395.0	274.8	166.4	84.2	32.8	12.1			
-50																			
-60	6.9	34.8	90.1	179.0	296.8	428.6	544.5	607.9	607.9	544.5	428.6	296.8	179.0	90.1	34.8	6.9			
-70																			
-80	1.3	34.8	90.1	179.0	296.8	428.6	544.5	607.9	607.9	544.5	428.6	296.8	179.0	90.1	34.8	1.3			
-90																			

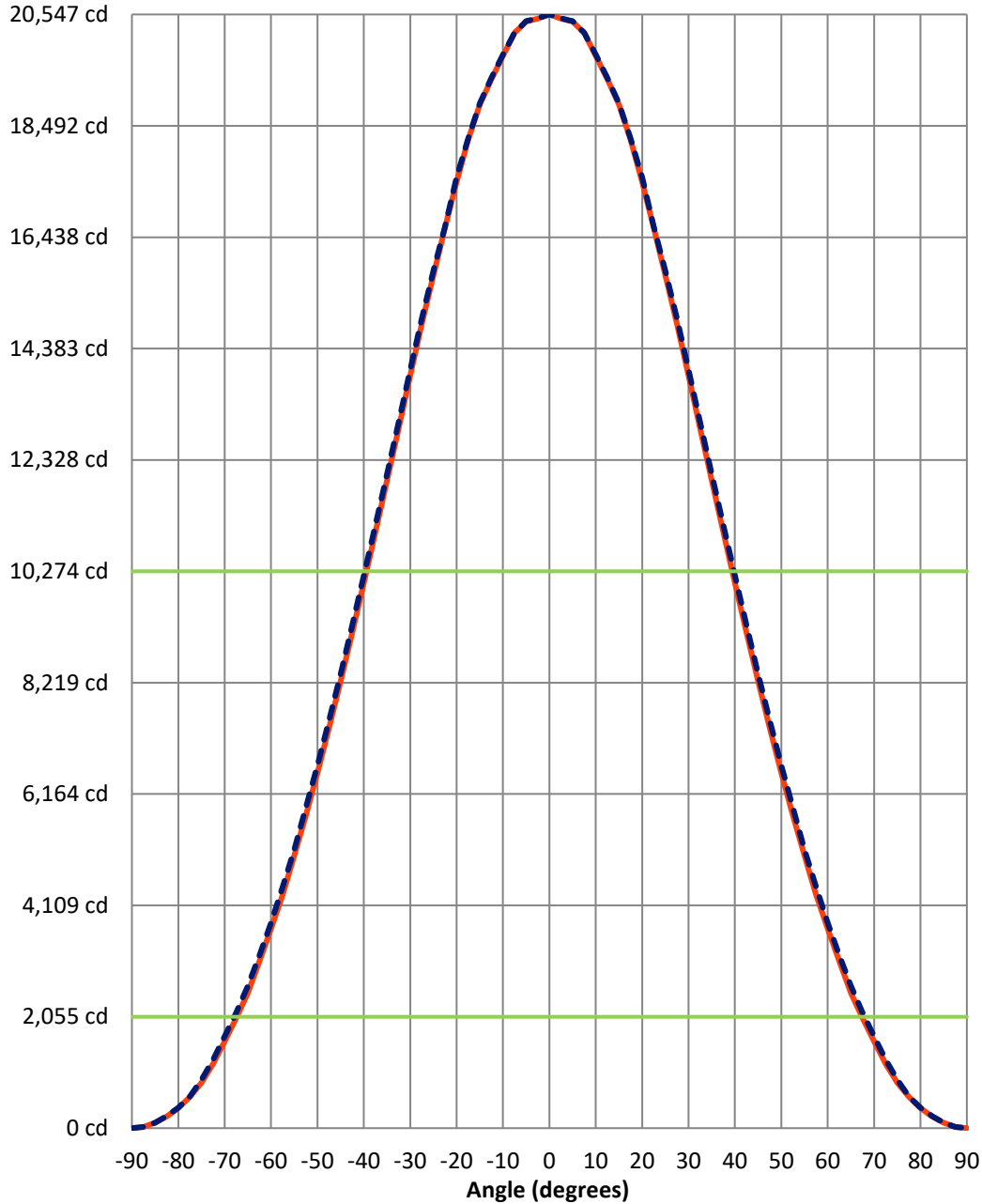
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 79.6°  
 V Angle: 78.9°  
 Lumens: 21781.1  
 Efficiency: 58.7%

**Field:**  
 H Angle: 135.9°  
 V Angle: 134.8°  
 Lumens: 35403.8  
 Efficiency: 95.3%

**Spill:**  
 Lumens: 1733.2  
 Efficiency: 4.7%

- 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	1.2	2.7	4.0	5.3	6.7	8.0	9.3	10.5	11.8	13.0
85°	0.0	2.3	5.4	8.0	10.7	13.3	15.9	18.5	21.0	23.5	26.0
82.5°	0.0	3.5	8.0	12.0	16.0	19.9	23.9	27.7	34.7	54.6	73.7
80°	0.0	4.7	10.6	16.0	21.3	26.5	35.9	63.9	90.8	116.7	141.5
77.5°	0.0	5.8	13.2	19.9	26.5	41.6	78.2	113.5	146.6	178.5	217.9
75°	0.0	6.9	15.8	23.9	34.6	72.0	119.4	162.7	204.1	261.2	321.7
72.5°	0.0	8.0	18.3	27.7	55.1	101.5	159.4	215.6	280.7	350.1	423.6
70°	0.0	9.1	20.7	33.2	75.0	129.9	199.4	279.1	355.7	437.4	533.0
67.5°	0.0	10.2	23.1	45.5	94.1	157.2	247.4	341.1	429.1	532.3	641.8
65°	0.0	11.2	25.4	57.3	112.3	187.7	293.3	401.4	508.2	624.3	743.6
62.5°	0.0	12.2	27.6	68.5	129.6	221.2	336.9	464.3	584.8	712.2	834.8
60°	0.0	13.2	29.7	79.2	145.8	252.8	377.9	526.9	658.5	794.6	924.6
57.5°	0.0	14.2	35.7	89.2	167.5	282.5	421.2	585.1	731.1	875.5	1009.8
55°	0.0	15.1	41.6	98.6	188.1	310.2	462.2	635.4	802.6	953.6	1091.5
52.5°	0.0	15.9	47.2	107.2	207.3	336.4	500.1	687.8	872.4	1025.5	1171.1
50°	0.0	16.7	52.6	115.1	224.9	364.3	534.8	737.5	938.7	1095.3	1262.4
47.5°	0.0	17.5	57.7	123.3	241.0	389.7	567.4	783.7	998.7	1162.8	1351.8
45°	0.0	18.3	62.6	134.0	255.5	412.7	603.6	826.3	1045.4	1239.2	1437.4
42.5°	0.0	18.9	67.3	143.7	268.4	433.1	636.8	865.5	1090.1	1312.3	1538.1
40°	0.0	19.6	71.6	153.6	281.2	450.9	666.9	902.6	1136.5	1380.8	1636.3
37.5°	0.0	20.2	75.7	163.4	294.0	466.2	693.9	937.8	1188.6	1445.8	1728.4
35°	0.0	20.7	79.4	172.5	305.0	483.8	717.6	970.9	1239.5	1520.7	1821.1
32.5°	0.0	21.2	82.9	180.9	314.2	501.4	739.7	1001.9	1288.8	1592.6	1919.4
30°	0.0	21.7	86.1	188.6	321.6	516.4	762.6	1032.9	1336.4	1661.4	2011.2
27.5°	0.0	22.1	89.0	195.6	332.6	528.9	783.1	1069.0	1385.3	1726.7	2096.4
25°	0.0	22.4	91.5	201.8	342.9	538.7	801.2	1102.4	1436.4	1793.1	2175.3
22.5°	0.0	22.7	93.8	207.3	352.0	548.7	816.7	1133.1	1483.5	1856.0	2259.2
20°	0.0	22.9	95.8	212.1	359.8	562.3	829.5	1160.7	1526.1	1912.2	2334.4
17.5°	0.0	23.1	97.4	216.1	366.4	573.4	845.5	1184.9	1564.2	1961.5	2400.8
15°	0.0	23.3	98.7	219.3	371.7	582.1	862.1	1208.1	1597.2	2003.8	2458.0
12.5°	0.0	23.4	99.7	221.9	375.8	588.4	875.6	1229.8	1627.1	2039.0	2505.8
10°	0.0	23.4	100.4	223.6	378.6	592.2	885.9	1246.6	1653.0	2071.9	2546.2
7.5°	0.0	23.4	100.8	224.6	380.1	593.8	893.0	1258.3	1672.8	2098.4	2581.1
5°	0.0	23.3	100.9	224.9	380.4	593.1	896.6	1265.0	1686.5	2117.7	2606.1
2.5°	0.0	23.2	100.6	224.5	379.5	590.3	896.8	1266.5	1693.7	2129.4	2621.1
0°	0.0	23.1	100.1	223.3	377.4	585.3	893.4	1263.0	1694.3	2133.3	2626.1
-2.5°	0.0	23.2	100.6	224.5	379.5	590.3	896.8	1266.5	1693.7	2129.4	2621.1
-5°	0.0	23.3	100.9	224.9	380.4	593.1	896.6	1265.0	1686.5	2117.7	2606.1
-7.5°	0.0	23.4	100.8	224.6	380.1	593.8	893.0	1258.3	1672.8	2098.4	2581.1
-10°	0.0	23.4	100.4	223.6	378.6	592.2	885.9	1246.6	1653.0	2071.9	2546.2
-12.5°	0.0	23.4	99.7	221.9	375.8	588.4	875.6	1229.8	1627.1	2039.0	2505.8
-15°	0.0	23.3	98.7	219.3	371.7	582.1	862.1	1208.1	1597.2	2003.8	2458.0
-17.5°	0.0	23.1	97.4	216.1	366.4	573.4	845.5	1184.9	1564.2	1961.5	2400.8
-20°	0.0	22.9	95.8	212.1	359.8	562.3	829.5	1160.7	1526.1	1912.2	2334.4

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CATALOG NUMBER: GFLD-SA6C-740-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	22.7	93.8	207.3	352.0	548.7	816.7	1133.1	1483.5	1856.0	2259.2
-25°	0.0	22.4	91.5	201.8	342.9	538.7	801.2	1102.4	1436.4	1793.1	2175.3
-27.5°	0.0	22.1	89.0	195.6	332.6	528.9	783.1	1069.0	1385.3	1726.7	2096.4
-30°	0.0	21.7	86.1	188.6	321.6	516.4	762.6	1032.9	1336.4	1661.4	2011.2
-32.5°	0.0	21.2	82.9	180.9	314.2	501.4	739.7	1001.9	1288.8	1592.6	1919.4
-35°	0.0	20.7	79.4	172.5	305.0	483.8	717.6	970.9	1239.5	1520.7	1821.1
-37.5°	0.0	20.2	75.7	163.4	294.0	466.2	693.9	937.8	1188.6	1445.8	1728.4
-40°	0.0	19.6	71.6	153.6	281.2	450.9	666.9	902.6	1136.5	1380.8	1636.3
-42.5°	0.0	18.9	67.3	143.7	268.4	433.1	636.8	865.5	1090.1	1312.3	1538.1
-45°	0.0	18.3	62.6	134.0	255.5	412.7	603.6	826.3	1045.4	1239.2	1437.4
-47.5°	0.0	17.5	57.7	123.3	241.0	389.7	567.4	783.7	998.7	1162.8	1351.8
-50°	0.0	16.7	52.6	115.1	224.9	364.3	534.8	737.5	938.7	1095.3	1262.4
-52.5°	0.0	15.9	47.2	107.2	207.3	336.4	500.1	687.8	872.4	1025.5	1171.1
-55°	0.0	15.1	41.6	98.6	188.1	310.2	462.2	635.4	802.6	953.6	1091.5
-57.5°	0.0	14.2	35.7	89.2	167.5	282.5	421.2	585.1	731.1	875.5	1009.8
-60°	0.0	13.2	29.7	79.2	145.8	252.8	377.9	526.9	658.5	794.6	924.6
-62.5°	0.0	12.2	27.6	68.5	129.6	221.2	336.9	464.3	584.8	712.2	834.8
-65°	0.0	11.2	25.4	57.3	112.3	187.7	293.3	401.4	508.2	624.3	743.6
-67.5°	0.0	10.2	23.1	45.5	94.1	157.2	247.4	341.1	429.1	532.3	641.8
-70°	0.0	9.1	20.7	33.2	75.0	129.9	199.4	279.1	355.7	437.4	533.0
-72.5°	0.0	8.0	18.3	27.7	55.1	101.5	159.4	215.6	280.7	350.1	423.6
-75°	0.0	6.9	15.8	23.9	34.6	72.0	119.4	162.7	204.1	261.2	321.7
-77.5°	0.0	5.8	13.2	19.9	26.5	41.6	78.2	113.5	146.6	178.5	217.9
-80°	0.0	4.7	10.6	16.0	21.3	26.5	35.9	63.9	90.8	116.7	141.5
-82.5°	0.0	3.5	8.0	12.0	16.0	19.9	23.9	27.7	34.7	54.6	73.7
-85°	0.0	2.3	5.4	8.0	10.7	13.3	15.9	18.5	21.0	23.5	26.0
-87.5°	0.0	1.2	2.7	4.0	5.3	6.7	8.0	9.3	10.5	11.8	13.0
-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):**

	-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°	15.1	17.3	19.6	22.1	22.3	22.3	22.1	21.8	22.7	23.6	24.4
85°	30.1	34.5	48.0	60.9	67.2	71.1	72.8	72.5	84.3	98.0	112.8
82.5°	93.7	113.0	131.4	148.9	153.5	153.6	152.1	152.6	180.3	212.0	244.6
80°	166.8	191.3	223.8	252.6	265.2	271.6	274.6	274.2	309.2	355.9	405.0
77.5°	264.7	305.9	341.8	372.4	388.8	403.4	415.2	424.3	469.3	528.3	586.8
75°	376.2	421.5	466.4	505.6	533.0	553.3	572.3	602.7	661.7	730.5	790.4
72.5°	493.8	551.6	601.7	644.2	682.7	723.6	769.2	819.3	881.5	950.3	1013.0
70°	619.5	682.9	735.5	786.7	839.1	900.2	968.8	1036.3	1105.7	1181.6	1254.7
67.5°	742.3	803.6	865.5	930.1	1008.5	1090.4	1171.4	1264.5	1359.7	1444.0	1519.3
65°	849.1	921.0	998.3	1086.0	1182.9	1286.9	1395.1	1506.7	1627.5	1728.6	1820.9
62.5°	951.1	1037.5	1131.4	1240.7	1364.3	1487.5	1625.5	1765.2	1901.0	2020.3	2130.5
60°	1045.0	1149.7	1268.5	1402.5	1546.7	1710.4	1867.6	2026.5	2175.5	2310.6	2450.0
57.5°	1136.5	1268.1	1410.7	1571.6	1753.9	1937.8	2122.6	2293.5	2462.3	2626.8	2784.4
55°	1233.2	1391.9	1561.5	1758.8	1964.4	2181.9	2380.9	2571.7	2757.6	2957.3	3147.1
52.5°	1339.6	1516.9	1729.1	1950.1	2187.5	2421.0	2639.6	2856.9	3081.6	3307.6	3554.7
50°	1442.3	1663.3	1895.9	2152.8	2409.4	2659.6	2910.2	3160.4	3429.7	3706.9	3986.9
47.5°	1562.4	1803.5	2078.3	2353.8	2634.2	2912.6	3191.8	3494.2	3800.1	4121.6	4431.4
45°	1683.8	1954.9	2251.0	2562.6	2865.7	3173.9	3500.5	3834.8	4193.5	4547.1	4919.7
42.5°	1798.9	2105.4	2431.8	2768.3	3105.4	3449.8	3808.9	4199.5	4591.5	4999.2	5408.7
40°	1926.4	2248.5	2608.4	2979.0	3344.9	3726.6	4137.1	4560.1	5003.6	5451.9	5896.5
37.5°	2049.0	2403.0	2781.3	3180.3	3590.8	4010.3	4456.1	4936.2	5417.2	5899.6	6390.0
35°	2163.9	2549.6	2959.3	3382.9	3818.2	4295.5	4793.8	5306.3	5827.3	6349.1	6876.6
32.5°	2282.0	2687.7	3129.4	3582.7	4062.5	4574.3	5120.0	5675.4	6230.3	6787.5	7364.9
30°	2400.4	2832.6	3294.1	3771.6	4296.5	4854.1	5440.6	6028.9	6615.9	7229.1	7844.5
27.5°	2512.2	2970.1	3456.0	3967.0	4520.8	5113.2	5736.1	6366.2	6999.3	7651.2	8307.5
25°	2615.3	3100.3	3606.2	4154.9	4741.9	5362.5	6011.4	6669.0	7363.2	8060.8	8746.2
22.5°	2715.6	3219.9	3745.3	4328.1	4942.2	5594.1	6269.7	6964.2	7689.6	8438.7	9148.0
20°	2812.2	3333.8	3880.8	4485.0	5121.7	5802.5	6504.5	7231.7	7992.8	8761.9	9524.8
17.5°	2898.1	3435.0	4006.8	4631.7	5293.0	5993.1	6716.1	7467.2	8262.1	9059.4	9867.7
15°	2972.8	3523.2	4116.0	4759.7	5444.3	6166.3	6912.4	7684.9	8500.3	9330.5	10170.8
12.5°	3035.9	3597.8	4207.9	4868.5	5572.8	6314.8	7081.2	7880.7	8718.2	9571.6	10436.3
10°	3087.3	3658.6	4282.3	4957.5	5677.7	6437.6	7220.1	8042.2	8904.7	9776.7	10659.6
7.5°	3131.0	3709.3	4341.3	5026.1	5758.5	6533.7	7328.3	8168.2	9053.3	9936.7	10839.0
5°	3162.8	3750.3	4395.5	5083.6	5828.8	6608.9	7410.3	8257.9	9162.0	10050.6	10969.1
2.5°	3181.9	3777.0	4432.4	5120.9	5884.1	6665.1	7483.1	8337.2	9241.7	10141.0	11066.9
0°	3188.3	3789.0	4451.4	5136.8	5914.6	6692.4	7524.2	8379.0	9280.1	10196.5	11128.4
-2.5°	3181.9	3777.0	4432.4	5120.9	5884.1	6665.1	7483.1	8337.2	9241.7	10141.0	11066.9
-5°	3162.8	3750.3	4395.5	5083.6	5828.8	6608.9	7410.3	8257.9	9162.0	10050.6	10969.1
-7.5°	3131.0	3709.3	4341.3	5026.1	5758.5	6533.7	7328.3	8168.2	9053.3	9936.7	10839.0
-10°	3087.3	3658.6	4282.3	4957.5	5677.7	6437.6	7220.1	8042.2	8904.7	9776.7	10659.6
-12.5°	3035.9	3597.8	4207.9	4868.5	5572.8	6314.8	7081.2	7880.7	8718.2	9571.6	10436.3
-15°	2972.8	3523.2	4116.0	4759.7	5444.3	6166.3	6912.4	7684.9	8500.3	9330.5	10170.8
-17.5°	2898.1	3435.0	4006.8	4631.7	5293.0	5993.1	6716.1	7467.2	8262.1	9059.4	9867.7
-20°	2812.2	3333.8	3880.8	4485.0	5121.7	5802.5	6504.5	7231.7	7992.8	8761.9	9524.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627891 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-740-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	2715.6	3219.9	3745.3	4328.1	4942.2	5594.1	6269.7	6964.2	7689.6	8438.7	9148.0
-25°	2615.3	3100.3	3606.2	4154.9	4741.9	5362.5	6011.4	6669.0	7363.2	8060.8	8746.2
-27.5°	2512.2	2970.1	3456.0	3967.0	4520.8	5113.2	5736.1	6366.2	6999.3	7651.2	8307.5
-30°	2400.4	2832.6	3294.1	3771.6	4296.5	4854.1	5440.6	6028.9	6615.9	7229.1	7844.5
-32.5°	2282.0	2687.7	3129.4	3582.7	4062.5	4574.3	5120.0	5675.4	6230.3	6787.5	7364.9
-35°	2163.9	2549.6	2959.3	3382.9	3818.2	4295.5	4793.8	5306.3	5827.3	6349.1	6876.6
-37.5°	2049.0	2403.0	2781.3	3180.3	3590.8	4010.3	4456.1	4936.2	5417.2	5899.6	6390.0
-40°	1926.4	2248.5	2608.4	2979.0	3344.9	3726.6	4137.1	4560.1	5003.6	5451.9	5896.5
-42.5°	1798.9	2105.4	2431.8	2768.3	3105.4	3449.8	3808.9	4199.5	4591.5	4999.2	5408.7
-45°	1683.8	1954.9	2251.0	2562.6	2865.7	3173.9	3500.5	3834.8	4193.5	4547.1	4919.7
-47.5°	1562.4	1803.5	2078.3	2353.8	2634.2	2912.6	3191.8	3494.2	3800.1	4121.6	4431.4
-50°	1442.3	1663.3	1895.9	2152.8	2409.4	2659.6	2910.2	3160.4	3429.7	3706.9	3986.9
-52.5°	1339.6	1516.9	1729.1	1950.1	2187.5	2421.0	2639.6	2856.9	3081.6	3307.6	3554.7
-55°	1233.2	1391.9	1561.5	1758.8	1964.4	2181.9	2380.9	2571.7	2757.6	2957.3	3147.1
-57.5°	1136.5	1268.1	1410.7	1571.6	1753.9	1937.8	2122.6	2293.5	2462.3	2626.8	2784.4
-60°	1045.0	1149.7	1268.5	1402.5	1546.7	1710.4	1867.6	2026.5	2175.5	2310.6	2450.0
-62.5°	951.1	1037.5	1131.4	1240.7	1364.3	1487.5	1625.5	1765.2	1901.0	2020.3	2130.5
-65°	849.1	921.0	998.3	1086.0	1182.9	1286.9	1395.1	1506.7	1627.5	1728.6	1820.9
-67.5°	742.3	803.6	865.5	930.1	1008.5	1090.4	1171.4	1264.5	1359.7	1444.0	1519.3
-70°	619.5	682.9	735.5	786.7	839.1	900.2	968.8	1036.3	1105.7	1181.6	1254.7
-72.5°	493.8	551.6	601.7	644.2	682.7	723.6	769.2	819.3	881.5	950.3	1013.0
-75°	376.2	421.5	466.4	505.6	533.0	553.3	572.3	602.7	661.7	730.5	790.4
-77.5°	264.7	305.9	341.8	372.4	388.8	403.4	415.2	424.3	469.3	528.3	586.8
-80°	166.8	191.3	223.8	252.6	265.2	271.6	274.6	274.2	309.2	355.9	405.0
-82.5°	93.7	113.0	131.4	148.9	153.5	153.6	152.1	152.6	180.3	212.0	244.6
-85°	30.1	34.5	48.0	60.9	67.2	71.1	72.8	72.5	84.3	98.0	112.8
-87.5°	15.1	17.3	19.6	22.1	22.3	22.3	22.1	21.8	22.7	23.6	24.4
-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: P627891 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-740-U-VWR-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°	25.2	26.0	26.7	27.3	27.9	28.5	28.9	29.4	29.7	28.2	26.5
85°	128.6	137.7	146.2	154.3	162.1	169.4	176.3	182.7	188.6	172.3	154.2
82.5°	277.8	300.1	321.3	342.4	363.3	368.6	370.2	369.5	366.6	337.9	306.1
80°	453.5	491.3	526.8	562.1	597.0	600.9	596.9	589.7	579.6	541.9	499.2
77.5°	645.2	692.7	734.4	772.5	807.2	813.7	812.8	811.0	808.1	769.7	723.2
75°	841.8	888.3	933.1	971.3	1003.1	1017.7	1024.9	1029.9	1032.7	1005.1	969.0
72.5°	1069.7	1118.1	1157.6	1194.7	1226.0	1248.6	1264.9	1277.2	1285.6	1277.2	1262.4
70°	1317.0	1368.8	1412.5	1454.3	1496.8	1530.9	1556.6	1575.3	1587.1	1594.9	1600.3
67.5°	1595.5	1665.1	1725.9	1777.8	1829.2	1877.3	1916.9	1949.3	1974.2	1995.5	2011.7
65°	1909.2	1998.2	2077.2	2149.7	2216.1	2286.0	2343.3	2391.4	2430.1	2462.1	2487.8
62.5°	2239.1	2348.2	2449.5	2547.8	2644.2	2739.1	2811.9	2878.2	2937.1	2987.8	3028.2
60°	2581.8	2705.8	2841.8	2971.6	3091.0	3200.2	3308.6	3402.5	3482.8	3549.5	3603.2
57.5°	2950.3	3110.8	3269.7	3430.9	3583.3	3725.9	3859.3	3977.0	4076.5	4158.1	4226.7
55°	3348.2	3549.0	3733.4	3936.8	4133.3	4312.2	4469.7	4608.1	4727.9	4828.2	4913.3
52.5°	3785.7	4029.8	4269.3	4500.7	4723.8	4931.4	5120.0	5281.2	5424.6	5547.5	5645.6
50°	4264.6	4543.8	4821.4	5078.8	5335.2	5574.3	5790.5	5977.6	6144.4	6288.9	6402.6
47.5°	4765.4	5083.2	5393.2	5687.8	5971.5	6237.3	6471.4	6684.7	6892.7	7062.4	7196.6
45°	5285.4	5641.8	5983.8	6320.7	6633.1	6931.1	7219.9	7485.4	7699.0	7885.9	8042.9
42.5°	5811.6	6209.3	6592.2	6959.8	7303.3	7647.9	7972.8	8263.0	8506.5	8719.1	8897.5
40°	6344.8	6780.1	7202.1	7602.8	7995.5	8371.2	8722.6	9028.7	9303.3	9555.8	9766.1
37.5°	6875.2	7354.2	7821.7	8270.6	8703.0	9110.0	9489.7	9835.6	10145.4	10433.0	10666.5
35°	7408.1	7933.6	8445.3	8939.3	9411.7	9860.8	10276.4	10670.1	11035.3	11326.5	11565.4
32.5°	7938.8	8503.7	9060.7	9604.6	10121.5	10605.7	11056.1	11491.0	11866.7	12186.8	12461.5
30°	8452.4	9064.4	9670.9	10260.6	10819.1	11343.7	11842.3	12302.3	12706.3	13056.4	13364.5
27.5°	8956.4	9613.9	10264.6	10894.6	11498.4	12068.5	12612.7	13111.5	13552.3	13932.8	14257.7
25°	9432.7	10139.4	10833.0	11501.0	12145.9	12774.8	13362.4	13906.7	14377.6	14795.3	15129.1
22.5°	9887.8	10641.5	11370.3	12072.9	12762.8	13440.7	14084.0	14652.3	15151.4	15588.1	15957.5
20°	10311.8	11119.4	11865.0	12608.1	13334.9	14058.7	14749.3	15349.0	15877.1	16342.0	16749.1
17.5°	10708.1	11536.5	12321.6	13112.8	13878.7	14637.9	15339.7	15982.5	16552.1	17045.8	17472.3
15°	11043.6	11880.2	12737.6	13582.3	14390.0	15158.9	15860.0	16531.2	17163.9	17697.8	18130.3
12.5°	11315.3	12185.2	13079.8	13976.6	14830.7	15598.6	16332.5	17013.5	17678.0	18277.7	18675.2
10°	11546.8	12442.6	13366.1	14280.6	15146.2	15958.7	16756.7	17476.7	18129.6	18666.7	19110.6
7.5°	11747.0	12669.8	13607.7	14523.7	15386.4	16225.9	17047.3	17812.1	18471.2	18977.1	19373.2
5°	11894.6	12839.4	13795.4	14719.8	15594.6	16436.8	17261.9	18017.1	18660.5	19175.3	19607.1
2.5°	12000.2	12953.8	13916.8	14842.5	15736.7	16580.9	17426.7	18190.4	18813.4	19285.1	19698.5
0°	12067.9	13022.9	13993.3	14940.5	15818.5	16634.8	17543.6	18259.8	18906.7	19376.5	19807.7
-2.5°	12000.2	12953.8	13916.8	14842.5	15736.7	16580.9	17426.7	18190.4	18813.4	19285.1	19698.5
-5°	11894.6	12839.4	13795.4	14719.8	15594.6	16436.8	17261.9	18017.1	18660.5	19175.3	19607.1
-7.5°	11747.0	12669.8	13607.7	14523.7	15386.4	16225.9	17047.3	17812.1	18471.2	18977.1	19373.2
-10°	11546.8	12442.6	13366.1	14280.6	15146.2	15958.7	16756.7	17476.7	18129.6	18666.7	19110.6
-12.5°	11315.3	12185.2	13079.8	13976.6	14830.7	15598.6	16332.5	17013.5	17678.0	18277.7	18675.2
-15°	11043.6	11880.2	12737.6	13582.3	14390.0	15158.9	15860.0	16531.2	17163.9	17697.8	18130.3
-17.5°	10708.1	11536.5	12321.6	13112.8	13878.7	14637.9	15339.7	15982.5	16552.1	17045.8	17472.3
-20°	10311.8	11119.4	11865.0	12608.1	13334.9	14058.7	14749.3	15349.0	15877.1	16342.0	16749.1



REPORT NUMBER: P627891 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-740-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	9887.8	10641.5	11370.3	12072.9	12762.8	13440.7	14084.0	14652.3	15151.4	15588.1	15957.5
-25°	9432.7	10139.4	10833.0	11501.0	12145.9	12774.8	13362.4	13906.7	14377.6	14795.3	15129.1
-27.5°	8956.4	9613.9	10264.6	10894.6	11498.4	12068.5	12612.7	13111.5	13552.3	13932.8	14257.7
-30°	8452.4	9064.4	9670.9	10260.6	10819.1	11343.7	11842.3	12302.3	12706.3	13056.4	13364.5
-32.5°	7938.8	8503.7	9060.7	9604.6	10121.5	10605.7	11056.1	11491.0	11866.7	12186.8	12461.5
-35°	7408.1	7933.6	8445.3	8939.3	9411.7	9860.8	10276.4	10670.1	11035.3	11326.5	11565.4
-37.5°	6875.2	7354.2	7821.7	8270.6	8703.0	9110.0	9489.7	9835.6	10145.4	10433.0	10666.5
-40°	6344.8	6780.1	7202.1	7602.8	7995.5	8371.2	8722.6	9028.7	9303.3	9555.8	9766.1
-42.5°	5811.6	6209.3	6592.2	6959.8	7303.3	7647.9	7972.8	8263.0	8506.5	8719.1	8897.5
-45°	5285.4	5641.8	5983.8	6320.7	6633.1	6931.1	7219.9	7485.4	7699.0	7885.9	8042.9
-47.5°	4765.4	5083.2	5393.2	5687.8	5971.5	6237.3	6471.4	6684.7	6892.7	7062.4	7196.6
-50°	4264.6	4543.8	4821.4	5078.8	5335.2	5574.3	5790.5	5977.6	6144.4	6288.9	6402.6
-52.5°	3785.7	4029.8	4269.3	4500.7	4723.8	4931.4	5120.0	5281.2	5424.6	5547.5	5645.6
-55°	3348.2	3549.0	3733.4	3936.8	4133.3	4312.2	4469.7	4608.1	4727.9	4828.2	4913.3
-57.5°	2950.3	3110.8	3269.7	3430.9	3583.3	3725.9	3859.3	3977.0	4076.5	4158.1	4226.7
-60°	2581.8	2705.8	2841.8	2971.6	3091.0	3200.2	3308.6	3402.5	3482.8	3549.5	3603.2
-62.5°	2239.1	2348.2	2449.5	2547.8	2644.2	2739.1	2811.9	2878.2	2937.1	2987.8	3028.2
-65°	1909.2	1998.2	2077.2	2149.7	2216.1	2286.0	2343.3	2391.4	2430.1	2462.1	2487.8
-67.5°	1595.5	1665.1	1725.9	1777.8	1829.2	1877.3	1916.9	1949.3	1974.2	1995.5	2011.7
-70°	1317.0	1368.8	1412.5	1454.3	1496.8	1530.9	1556.6	1575.3	1587.1	1594.9	1600.3
-72.5°	1069.7	1118.1	1157.6	1194.7	1226.0	1248.6	1264.9	1277.2	1285.6	1277.2	1262.4
-75°	841.8	888.3	933.1	971.3	1003.1	1017.7	1024.9	1029.9	1032.7	1005.1	969.0
-77.5°	645.2	692.7	734.4	772.5	807.2	813.7	812.8	811.0	808.1	769.7	723.2
-80°	453.5	491.3	526.8	562.1	597.0	600.9	596.9	589.7	579.6	541.9	499.2
-82.5°	277.8	300.1	321.3	342.4	363.3	368.6	370.2	369.5	366.6	337.9	306.1
-85°	128.6	137.7	146.2	154.3	162.1	169.4	176.3	182.7	188.6	172.3	154.2
-87.5°	25.2	26.0	26.7	27.3	27.9	28.5	28.9	29.4	29.7	28.2	26.5
-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: P627891 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-740-U-VWR-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°	24.8	23.0	23.1	23.1	23.1	23.0	24.8	26.5	28.2	29.7	29.4
85°	135.0	115.0	107.7	100.1	107.7	115.0	135.0	154.2	172.3	188.6	182.7
82.5°	272.6	237.9	226.9	215.6	226.9	237.9	272.6	306.1	337.9	366.6	369.5
80°	454.2	407.1	388.6	369.7	388.6	407.1	454.2	499.2	541.9	579.6	589.7
77.5°	674.0	622.3	600.2	577.6	600.2	622.3	674.0	723.2	769.7	808.1	811.0
75°	930.8	890.4	865.8	839.4	865.8	890.4	930.8	969.0	1005.1	1032.7	1029.9
72.5°	1245.5	1225.7	1207.9	1186.0	1207.9	1225.7	1245.5	1262.4	1277.2	1285.6	1277.2
70°	1602.2	1599.6	1602.9	1601.9	1602.9	1599.6	1602.2	1600.3	1594.9	1587.1	1575.3
67.5°	2020.1	2020.6	2029.2	2033.1	2029.2	2020.6	2020.1	2011.7	1995.5	1974.2	1949.3
65°	2503.6	2509.5	2507.3	2495.2	2507.3	2509.5	2503.6	2487.8	2462.1	2430.1	2391.4
62.5°	3056.9	3073.5	3082.6	3080.5	3082.6	3073.5	3056.9	3028.2	2987.8	2937.1	2878.2
60°	3643.4	3669.4	3682.5	3681.2	3682.5	3669.4	3643.4	3603.2	3549.5	3482.8	3402.5
57.5°	4277.7	4311.1	4319.0	4305.0	4319.0	4311.1	4277.7	4226.7	4158.1	4076.5	3977.0
55°	4977.6	5020.3	5036.8	5028.9	5036.8	5020.3	4977.6	4913.3	4828.2	4727.9	4608.1
52.5°	5717.5	5763.7	5780.1	5768.3	5780.1	5763.7	5717.5	5645.6	5547.5	5424.6	5281.2
50°	6486.0	6542.0	6564.5	6553.8	6564.5	6542.0	6486.0	6402.6	6288.9	6144.4	5977.6
47.5°	7301.8	7376.3	7405.3	7385.5	7405.3	7376.3	7301.8	7196.6	7062.4	6892.7	6684.7
45°	8160.2	8237.4	8267.4	8248.1	8267.4	8237.4	8160.2	8042.9	7885.9	7699.0	7485.4
42.5°	9033.9	9134.3	9176.8	9141.4	9176.8	9134.3	9033.9	8897.5	8719.1	8506.5	8263.0
40°	9923.1	10032.0	10082.3	10057.9	10082.3	10032.0	9923.1	9766.1	9555.8	9303.3	9028.7
37.5°	10835.1	10943.5	10996.8	10997.5	10996.8	10943.5	10835.1	10666.5	10433.0	10145.4	9835.6
35°	11750.4	11881.7	11956.0	11952.4	11956.0	11881.7	11750.4	11565.4	11326.5	11035.3	10670.1
32.5°	12678.6	12820.8	12896.7	12907.4	12896.7	12820.8	12678.6	12461.5	12186.8	11866.7	11491.0
30°	13605.2	13761.5	13849.4	13885.4	13849.4	13761.5	13605.2	13364.5	13056.4	12706.3	12302.3
27.5°	14503.8	14696.2	14828.8	14840.4	14828.8	14696.2	14503.8	14257.7	13932.8	13552.3	13111.5
25°	15374.2	15570.0	15706.1	15733.8	15706.1	15570.0	15374.2	15129.1	14795.3	14377.6	13906.7
22.5°	16232.0	16436.6	16562.2	16611.7	16562.2	16436.6	16232.0	15957.5	15588.1	15151.4	14652.3
20°	17050.7	17272.6	17405.8	17458.8	17405.8	17272.6	17050.7	16749.1	16342.0	15877.1	15349.0
17.5°	17791.5	18026.0	18190.5	18236.7	18190.5	18026.0	17791.5	17472.3	17045.8	16552.1	15982.5
15°	18443.5	18665.8	18822.0	18883.6	18822.0	18665.8	18443.5	18130.3	17697.8	17163.9	16531.2
12.5°	18974.1	19173.0	19295.3	19353.4	19295.3	19173.0	18974.1	18675.2	18277.7	17678.0	17013.5
10°	19388.7	19588.1	19704.9	19784.6	19704.9	19588.1	19388.7	19110.6	18666.7	18129.6	17476.7
7.5°	19748.5	19952.8	20095.8	20208.2	20095.8	19952.8	19748.5	19373.2	18977.1	18471.2	17812.1
5°	19947.1	20288.4	20339.7	20416.1	20339.7	20288.4	19947.1	19607.1	19175.3	18660.5	18017.1
2.5°	20098.6	20340.6	20486.1	20470.1	20486.1	20340.6	20098.6	19698.5	19285.1	18813.4	18190.4
0°	20208.2	20423.8	20477.8	20547.1	20477.8	20423.8	20208.2	19807.7	19376.5	18906.7	18259.8
-2.5°	20098.6	20340.6	20486.1	20470.1	20486.1	20340.6	20098.6	19698.5	19285.1	18813.4	18190.4
-5°	19947.1	20288.4	20339.7	20416.1	20339.7	20288.4	19947.1	19607.1	19175.3	18660.5	18017.1
-7.5°	19748.5	19952.8	20095.8	20208.2	20095.8	19952.8	19748.5	19373.2	18977.1	18471.2	17812.1
-10°	19388.7	19588.1	19704.9	19784.6	19704.9	19588.1	19388.7	19110.6	18666.7	18129.6	17476.7
-12.5°	18974.1	19173.0	19295.3	19353.4	19295.3	19173.0	18974.1	18675.2	18277.7	17678.0	17013.5
-15°	18443.5	18665.8	18822.0	18883.6	18822.0	18665.8	18443.5	18130.3	17697.8	17163.9	16531.2
-17.5°	17791.5	18026.0	18190.5	18236.7	18190.5	18026.0	17791.5	17472.3	17045.8	16552.1	15982.5
-20°	17050.7	17272.6	17405.8	17458.8	17405.8	17272.6	17050.7	16749.1	16342.0	15877.1	15349.0



REPORT NUMBER: P627891 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-740-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	16232.0	16436.6	16562.2	16611.7	16562.2	16436.6	16232.0	15957.5	15588.1	15151.4	14652.3
-25°	15374.2	15570.0	15706.1	15733.8	15706.1	15570.0	15374.2	15129.1	14795.3	14377.6	13906.7
-27.5°	14503.8	14696.2	14828.8	14840.4	14828.8	14696.2	14503.8	14257.7	13932.8	13552.3	13111.5
-30°	13605.2	13761.5	13849.4	13885.4	13849.4	13761.5	13605.2	13364.5	13056.4	12706.3	12302.3
-32.5°	12678.6	12820.8	12896.7	12907.4	12896.7	12820.8	12678.6	12461.5	12186.8	11866.7	11491.0
-35°	11750.4	11881.7	11956.0	11952.4	11956.0	11881.7	11750.4	11565.4	11326.5	11035.3	10670.1
-37.5°	10835.1	10943.5	10996.8	10997.5	10996.8	10943.5	10835.1	10666.5	10433.0	10145.4	9835.6
-40°	9923.1	10032.0	10082.3	10057.9	10082.3	10032.0	9923.1	9766.1	9555.8	9303.3	9028.7
-42.5°	9033.9	9134.3	9176.8	9141.4	9176.8	9134.3	9033.9	8897.5	8719.1	8506.5	8263.0
-45°	8160.2	8237.4	8267.4	8248.1	8267.4	8237.4	8160.2	8042.9	7885.9	7699.0	7485.4
-47.5°	7301.8	7376.3	7405.3	7385.5	7405.3	7376.3	7301.8	7196.6	7062.4	6892.7	6684.7
-50°	6486.0	6542.0	6564.5	6553.8	6564.5	6542.0	6486.0	6402.6	6288.9	6144.4	5977.6
-52.5°	5717.5	5763.7	5780.1	5768.3	5780.1	5763.7	5717.5	5645.6	5547.5	5424.6	5281.2
-55°	4977.6	5020.3	5036.8	5028.9	5036.8	5020.3	4977.6	4913.3	4828.2	4727.9	4608.1
-57.5°	4277.7	4311.1	4319.0	4305.0	4319.0	4311.1	4277.7	4226.7	4158.1	4076.5	3977.0
-60°	3643.4	3669.4	3682.5	3681.2	3682.5	3669.4	3643.4	3603.2	3549.5	3482.8	3402.5
-62.5°	3056.9	3073.5	3082.6	3080.5	3082.6	3073.5	3056.9	3028.2	2987.8	2937.1	2878.2
-65°	2503.6	2509.5	2507.3	2495.2	2507.3	2509.5	2503.6	2487.8	2462.1	2430.1	2391.4
-67.5°	2020.1	2020.6	2029.2	2033.1	2029.2	2020.6	2020.1	2011.7	1995.5	1974.2	1949.3
-70°	1602.2	1599.6	1602.9	1601.9	1602.9	1599.6	1602.2	1600.3	1594.9	1587.1	1575.3
-72.5°	1245.5	1225.7	1207.9	1186.0	1207.9	1225.7	1245.5	1262.4	1277.2	1285.6	1277.2
-75°	930.8	890.4	865.8	839.4	865.8	890.4	930.8	969.0	1005.1	1032.7	1029.9
-77.5°	674.0	622.3	600.2	577.6	600.2	622.3	674.0	723.2	769.7	808.1	811.0
-80°	454.2	407.1	388.6	369.7	388.6	407.1	454.2	499.2	541.9	579.6	589.7
-82.5°	272.6	237.9	226.9	215.6	226.9	237.9	272.6	306.1	337.9	366.6	369.5
-85°	135.0	115.0	107.7	100.1	107.7	115.0	135.0	154.2	172.3	188.6	182.7
-87.5°	24.8	23.0	23.1	23.1	23.1	23.0	24.8	26.5	28.2	29.7	29.4
-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: P627891 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-740-U-VWR-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°	28.9	28.5	27.9	27.3	26.7	26.0	25.2	24.4	23.6	22.7	21.8
85°	176.3	169.4	162.1	154.3	146.2	137.7	128.6	112.8	98.0	84.3	72.5
82.5°	370.2	368.6	363.3	342.4	321.3	300.1	277.8	244.6	212.0	180.3	152.6
80°	596.9	600.9	597.0	562.1	526.8	491.3	453.5	405.0	355.9	309.2	274.2
77.5°	812.8	813.7	807.2	772.5	734.4	692.7	645.2	586.8	528.3	469.3	424.3
75°	1024.9	1017.7	1003.1	971.3	933.1	888.3	841.8	790.4	730.5	661.7	602.7
72.5°	1264.9	1248.6	1226.0	1194.7	1157.6	1118.1	1069.7	1013.0	950.3	881.5	819.3
70°	1556.6	1530.9	1496.8	1454.3	1412.5	1368.8	1317.0	1254.7	1181.6	1105.7	1036.3
67.5°	1916.9	1877.3	1829.2	1777.8	1725.9	1665.1	1595.5	1519.3	1444.0	1359.7	1264.5
65°	2343.3	2286.0	2216.1	2149.7	2077.2	1998.2	1909.2	1820.9	1728.6	1627.5	1506.7
62.5°	2811.9	2739.1	2644.2	2547.8	2449.5	2348.2	2239.1	2130.5	2020.3	1901.0	1765.2
60°	3308.6	3200.2	3091.0	2971.6	2841.8	2705.8	2581.8	2450.0	2310.6	2175.5	2026.5
57.5°	3859.3	3725.9	3583.3	3430.9	3269.7	3110.8	2950.3	2784.4	2626.8	2462.3	2293.5
55°	4469.7	4312.2	4133.3	3936.8	3733.4	3549.0	3348.2	3147.1	2957.3	2757.6	2571.7
52.5°	5120.0	4931.4	4723.8	4500.7	4269.3	4029.8	3785.7	3554.7	3307.6	3081.6	2856.9
50°	5790.5	5574.3	5335.2	5078.8	4821.4	4543.8	4264.6	3986.9	3706.9	3429.7	3160.4
47.5°	6471.4	6237.3	5971.5	5687.8	5393.2	5083.2	4765.4	4431.4	4121.6	3800.1	3494.2
45°	7219.9	6931.1	6633.1	6320.7	5983.8	5641.8	5285.4	4919.7	4547.1	4193.5	3834.8
42.5°	7972.8	7647.9	7303.3	6959.8	6592.2	6209.3	5811.6	5408.7	4999.2	4591.5	4199.5
40°	8722.6	8371.2	7995.5	7602.8	7202.1	6780.1	6344.8	5896.5	5451.9	5003.6	4560.1
37.5°	9489.7	9110.0	8703.0	8270.6	7821.7	7354.2	6875.2	6390.0	5899.6	5417.2	4936.2
35°	10276.4	9860.8	9411.7	8939.3	8445.3	7933.6	7408.1	6876.6	6349.1	5827.3	5306.3
32.5°	11056.1	10605.7	10121.5	9604.6	9060.7	8503.7	7938.8	7364.9	6787.5	6230.3	5675.4
30°	11842.3	11343.7	10819.1	10260.6	9670.9	9064.4	8452.4	7844.5	7229.1	6615.9	6028.9
27.5°	12612.7	12068.5	11498.4	10894.6	10264.6	9613.9	8956.4	8307.5	7651.2	6999.3	6366.2
25°	13362.4	12774.8	12145.9	11501.0	10833.0	10139.4	9432.7	8746.2	8060.8	7363.2	6669.0
22.5°	14084.0	13440.7	12762.8	12072.9	11370.3	10641.5	9887.8	9148.0	8438.7	7689.6	6964.2
20°	14749.3	14058.7	13334.9	12608.1	11865.0	11119.4	10311.8	9524.8	8761.9	7992.8	7231.7
17.5°	15339.7	14637.9	13878.7	13112.8	12321.6	11536.5	10708.1	9867.7	9059.4	8262.1	7467.2
15°	15860.0	15158.9	14390.0	13582.3	12737.6	11880.2	11043.6	10170.8	9330.5	8500.3	7684.9
12.5°	16332.5	15598.6	14830.7	13976.6	13079.8	12185.2	11315.3	10436.3	9571.6	8718.2	7880.7
10°	16756.7	15958.7	15146.2	14280.6	13366.1	12442.6	11546.8	10659.6	9776.7	8904.7	8042.2
7.5°	17047.3	16225.9	15386.4	14523.7	13607.7	12669.8	11747.0	10839.0	9936.7	9053.3	8168.2
5°	17261.9	16436.8	15594.6	14719.8	13795.4	12839.4	11894.6	10969.1	10050.6	9162.0	8257.9
2.5°	17426.7	16580.9	15736.7	14842.5	13916.8	12953.8	12000.2	11066.9	10141.0	9241.7	8337.2
0°	17543.6	16634.8	15818.5	14940.5	13993.3	13022.9	12067.9	11128.4	10196.5	9280.1	8379.0
-2.5°	17426.7	16580.9	15736.7	14842.5	13916.8	12953.8	12000.2	11066.9	10141.0	9241.7	8337.2
-5°	17261.9	16436.8	15594.6	14719.8	13795.4	12839.4	11894.6	10969.1	10050.6	9162.0	8257.9
-7.5°	17047.3	16225.9	15386.4	14523.7	13607.7	12669.8	11747.0	10839.0	9936.7	9053.3	8168.2
-10°	16756.7	15958.7	15146.2	14280.6	13366.1	12442.6	11546.8	10659.6	9776.7	8904.7	8042.2
-12.5°	16332.5	15598.6	14830.7	13976.6	13079.8	12185.2	11315.3	10436.3	9571.6	8718.2	7880.7
-15°	15860.0	15158.9	14390.0	13582.3	12737.6	11880.2	11043.6	10170.8	9330.5	8500.3	7684.9
-17.5°	15339.7	14637.9	13878.7	13112.8	12321.6	11536.5	10708.1	9867.7	9059.4	8262.1	7467.2
-20°	14749.3	14058.7	13334.9	12608.1	11865.0	11119.4	10311.8	9524.8	8761.9	7992.8	7231.7



REPORT NUMBER: P627891 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-740-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	14084.0	13440.7	12762.8	12072.9	11370.3	10641.5	9887.8	9148.0	8438.7	7689.6	6964.2
-25°	13362.4	12774.8	12145.9	11501.0	10833.0	10139.4	9432.7	8746.2	8060.8	7363.2	6669.0
-27.5°	12612.7	12068.5	11498.4	10894.6	10264.6	9613.9	8956.4	8307.5	7651.2	6999.3	6366.2
-30°	11842.3	11343.7	10819.1	10260.6	9670.9	9064.4	8452.4	7844.5	7229.1	6615.9	6028.9
-32.5°	11056.1	10605.7	10121.5	9604.6	9060.7	8503.7	7938.8	7364.9	6787.5	6230.3	5675.4
-35°	10276.4	9860.8	9411.7	8939.3	8445.3	7933.6	7408.1	6876.6	6349.1	5827.3	5306.3
-37.5°	9489.7	9110.0	8703.0	8270.6	7821.7	7354.2	6875.2	6390.0	5899.6	5417.2	4936.2
-40°	8722.6	8371.2	7995.5	7602.8	7202.1	6780.1	6344.8	5896.5	5451.9	5003.6	4560.1
-42.5°	7972.8	7647.9	7303.3	6959.8	6592.2	6209.3	5811.6	5408.7	4999.2	4591.5	4199.5
-45°	7219.9	6931.1	6633.1	6320.7	5983.8	5641.8	5285.4	4919.7	4547.1	4193.5	3834.8
-47.5°	6471.4	6237.3	5971.5	5687.8	5393.2	5083.2	4765.4	4431.4	4121.6	3800.1	3494.2
-50°	5790.5	5574.3	5335.2	5078.8	4821.4	4543.8	4264.6	3986.9	3706.9	3429.7	3160.4
-52.5°	5120.0	4931.4	4723.8	4500.7	4269.3	4029.8	3785.7	3554.7	3307.6	3081.6	2856.9
-55°	4469.7	4312.2	4133.3	3936.8	3733.4	3549.0	3348.2	3147.1	2957.3	2757.6	2571.7
-57.5°	3859.3	3725.9	3583.3	3430.9	3269.7	3110.8	2950.3	2784.4	2626.8	2462.3	2293.5
-60°	3308.6	3200.2	3091.0	2971.6	2841.8	2705.8	2581.8	2450.0	2310.6	2175.5	2026.5
-62.5°	2811.9	2739.1	2644.2	2547.8	2449.5	2348.2	2239.1	2130.5	2020.3	1901.0	1765.2
-65°	2343.3	2286.0	2216.1	2149.7	2077.2	1998.2	1909.2	1820.9	1728.6	1627.5	1506.7
-67.5°	1916.9	1877.3	1829.2	1777.8	1725.9	1665.1	1595.5	1519.3	1444.0	1359.7	1264.5
-70°	1556.6	1530.9	1496.8	1454.3	1412.5	1368.8	1317.0	1254.7	1181.6	1105.7	1036.3
-72.5°	1264.9	1248.6	1226.0	1194.7	1157.6	1118.1	1069.7	1013.0	950.3	881.5	819.3
-75°	1024.9	1017.7	1003.1	971.3	933.1	888.3	841.8	790.4	730.5	661.7	602.7
-77.5°	812.8	813.7	807.2	772.5	734.4	692.7	645.2	586.8	528.3	469.3	424.3
-80°	596.9	600.9	597.0	562.1	526.8	491.3	453.5	405.0	355.9	309.2	274.2
-82.5°	370.2	368.6	363.3	342.4	321.3	300.1	277.8	244.6	212.0	180.3	152.6
-85°	176.3	169.4	162.1	154.3	146.2	137.7	128.6	112.8	98.0	84.3	72.5
-87.5°	28.9	28.5	27.9	27.3	26.7	26.0	25.2	24.4	23.6	22.7	21.8
-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: P627891 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-740-U-VWR-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°	22.1	22.3	22.3	22.1	19.6	17.3	15.1	13.0	11.8	10.5	9.3
85°	72.8	71.1	67.2	60.9	48.0	34.5	30.1	26.0	23.5	21.0	18.5
82.5°	152.1	153.6	153.5	148.9	131.4	113.0	93.7	73.7	54.6	34.7	27.7
80°	274.6	271.6	265.2	252.6	223.8	191.3	166.8	141.5	116.7	90.8	63.9
77.5°	415.2	403.4	388.8	372.4	341.8	305.9	264.7	217.9	178.5	146.6	113.5
75°	572.3	553.3	533.0	505.6	466.4	421.5	376.2	321.7	261.2	204.1	162.7
72.5°	769.2	723.6	682.7	644.2	601.7	551.6	493.8	423.6	350.1	280.7	215.6
70°	968.8	900.2	839.1	786.7	735.5	682.9	619.5	533.0	437.4	355.7	279.1
67.5°	1171.4	1090.4	1008.5	930.1	865.5	803.6	742.3	641.8	532.3	429.1	341.1
65°	1395.1	1286.9	1182.9	1086.0	998.3	921.0	849.1	743.6	624.3	508.2	401.4
62.5°	1625.5	1487.5	1364.3	1240.7	1131.4	1037.5	951.1	834.8	712.2	584.8	464.3
60°	1867.6	1710.4	1546.7	1402.5	1268.5	1149.7	1045.0	924.6	794.6	658.5	526.9
57.5°	2122.6	1937.8	1753.9	1571.6	1410.7	1268.1	1136.5	1009.8	875.5	731.1	585.1
55°	2380.9	2181.9	1964.4	1758.8	1561.5	1391.9	1233.2	1091.5	953.6	802.6	635.4
52.5°	2639.6	2421.0	2187.5	1950.1	1729.1	1516.9	1339.6	1171.1	1025.5	872.4	687.8
50°	2910.2	2659.6	2409.4	2152.8	1895.9	1663.3	1442.3	1262.4	1095.3	938.7	737.5
47.5°	3191.8	2912.6	2634.2	2353.8	2078.3	1803.5	1562.4	1351.8	1162.8	998.7	783.7
45°	3500.5	3173.9	2865.7	2562.6	2251.0	1954.9	1683.8	1437.4	1239.2	1045.4	826.3
42.5°	3808.9	3449.8	3105.4	2768.3	2431.8	2105.4	1798.9	1538.1	1312.3	1090.1	865.5
40°	4137.1	3726.6	3344.9	2979.0	2608.4	2248.5	1926.4	1636.3	1380.8	1136.5	902.6
37.5°	4456.1	4010.3	3590.8	3180.3	2781.3	2403.0	2049.0	1728.4	1445.8	1188.6	937.8
35°	4793.8	4295.5	3818.2	3382.9	2959.3	2549.6	2163.9	1821.1	1520.7	1239.5	970.9
32.5°	5120.0	4574.3	4062.5	3582.7	3129.4	2687.7	2282.0	1919.4	1592.6	1288.8	1001.9
30°	5440.6	4854.1	4296.5	3771.6	3294.1	2832.6	2400.4	2011.2	1661.4	1336.4	1032.9
27.5°	5736.1	5113.2	4520.8	3967.0	3456.0	2970.1	2512.2	2096.4	1726.7	1385.3	1069.0
25°	6011.4	5362.5	4741.9	4154.9	3606.2	3100.3	2615.3	2175.3	1793.1	1436.4	1102.4
22.5°	6269.7	5594.1	4942.2	4328.1	3745.3	3219.9	2715.6	2259.2	1856.0	1483.5	1133.1
20°	6504.5	5802.5	5121.7	4485.0	3880.8	3333.8	2812.2	2334.4	1912.2	1526.1	1160.7
17.5°	6716.1	5993.1	5293.0	4631.7	4006.8	3435.0	2898.1	2400.8	1961.5	1564.2	1184.9
15°	6912.4	6166.3	5444.3	4759.7	4116.0	3523.2	2972.8	2458.0	2003.8	1597.2	1208.1
12.5°	7081.2	6314.8	5572.8	4868.5	4207.9	3597.8	3035.9	2505.8	2039.0	1627.1	1229.8
10°	7220.1	6437.6	5677.7	4957.5	4282.3	3658.6	3087.3	2546.2	2071.9	1653.0	1246.6
7.5°	7328.3	6533.7	5758.5	5026.1	4341.3	3709.3	3131.0	2581.1	2098.4	1672.8	1258.3
5°	7410.3	6608.9	5828.8	5083.6	4395.5	3750.3	3162.8	2606.1	2117.7	1686.5	1265.0
2.5°	7483.1	6665.1	5884.1	5120.9	4432.4	3777.0	3181.9	2621.1	2129.4	1693.7	1266.5
0°	7524.2	6692.4	5914.6	5136.8	4451.4	3789.0	3188.3	2626.1	2133.3	1694.3	1263.0
-2.5°	7483.1	6665.1	5884.1	5120.9	4432.4	3777.0	3181.9	2621.1	2129.4	1693.7	1266.5
-5°	7410.3	6608.9	5828.8	5083.6	4395.5	3750.3	3162.8	2606.1	2117.7	1686.5	1265.0
-7.5°	7328.3	6533.7	5758.5	5026.1	4341.3	3709.3	3131.0	2581.1	2098.4	1672.8	1258.3
-10°	7220.1	6437.6	5677.7	4957.5	4282.3	3658.6	3087.3	2546.2	2071.9	1653.0	1246.6
-12.5°	7081.2	6314.8	5572.8	4868.5	4207.9	3597.8	3035.9	2505.8	2039.0	1627.1	1229.8
-15°	6912.4	6166.3	5444.3	4759.7	4116.0	3523.2	2972.8	2458.0	2003.8	1597.2	1208.1
-17.5°	6716.1	5993.1	5293.0	4631.7	4006.8	3435.0	2898.1	2400.8	1961.5	1564.2	1184.9
-20°	6504.5	5802.5	5121.7	4485.0	3880.8	3333.8	2812.2	2334.4	1912.2	1526.1	1160.7



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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°	6269.7	5594.1	4942.2	4328.1	3745.3	3219.9	2715.6	2259.2	1856.0	1483.5	1133.1
-25°	6011.4	5362.5	4741.9	4154.9	3606.2	3100.3	2615.3	2175.3	1793.1	1436.4	1102.4
-27.5°	5736.1	5113.2	4520.8	3967.0	3456.0	2970.1	2512.2	2096.4	1726.7	1385.3	1069.0
-30°	5440.6	4854.1	4296.5	3771.6	3294.1	2832.6	2400.4	2011.2	1661.4	1336.4	1032.9
-32.5°	5120.0	4574.3	4062.5	3582.7	3129.4	2687.7	2282.0	1919.4	1592.6	1288.8	1001.9
-35°	4793.8	4295.5	3818.2	3382.9	2959.3	2549.6	2163.9	1821.1	1520.7	1239.5	970.9
-37.5°	4456.1	4010.3	3590.8	3180.3	2781.3	2403.0	2049.0	1728.4	1445.8	1188.6	937.8
-40°	4137.1	3726.6	3344.9	2979.0	2608.4	2248.5	1926.4	1636.3	1380.8	1136.5	902.6
-42.5°	3808.9	3449.8	3105.4	2768.3	2431.8	2105.4	1798.9	1538.1	1312.3	1090.1	865.5
-45°	3500.5	3173.9	2865.7	2562.6	2251.0	1954.9	1683.8	1437.4	1239.2	1045.4	826.3
-47.5°	3191.8	2912.6	2634.2	2353.8	2078.3	1803.5	1562.4	1351.8	1162.8	998.7	783.7
-50°	2910.2	2659.6	2409.4	2152.8	1895.9	1663.3	1442.3	1262.4	1095.3	938.7	737.5
-52.5°	2639.6	2421.0	2187.5	1950.1	1729.1	1516.9	1339.6	1171.1	1025.5	872.4	687.8
-55°	2380.9	2181.9	1964.4	1758.8	1561.5	1391.9	1233.2	1091.5	953.6	802.6	635.4
-57.5°	2122.6	1937.8	1753.9	1571.6	1410.7	1268.1	1136.5	1009.8	875.5	731.1	585.1
-60°	1867.6	1710.4	1546.7	1402.5	1268.5	1149.7	1045.0	924.6	794.6	658.5	526.9
-62.5°	1625.5	1487.5	1364.3	1240.7	1131.4	1037.5	951.1	834.8	712.2	584.8	464.3
-65°	1395.1	1286.9	1182.9	1086.0	998.3	921.0	849.1	743.6	624.3	508.2	401.4
-67.5°	1171.4	1090.4	1008.5	930.1	865.5	803.6	742.3	641.8	532.3	429.1	341.1
-70°	968.8	900.2	839.1	786.7	735.5	682.9	619.5	533.0	437.4	355.7	279.1
-72.5°	769.2	723.6	682.7	644.2	601.7	551.6	493.8	423.6	350.1	280.7	215.6
-75°	572.3	553.3	533.0	505.6	466.4	421.5	376.2	321.7	261.2	204.1	162.7
-77.5°	415.2	403.4	388.8	372.4	341.8	305.9	264.7	217.9	178.5	146.6	113.5
-80°	274.6	271.6	265.2	252.6	223.8	191.3	166.8	141.5	116.7	90.8	63.9
-82.5°	152.1	153.6	153.5	148.9	131.4	113.0	93.7	73.7	54.6	34.7	27.7
-85°	72.8	71.1	67.2	60.9	48.0	34.5	30.1	26.0	23.5	21.0	18.5
-87.5°	22.1	22.3	22.3	22.1	19.6	17.3	15.1	13.0	11.8	10.5	9.3
-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):**

	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°	8.0	6.7	5.3	4.0	2.7	1.2	0.0
85°	15.9	13.3	10.7	8.0	5.4	2.3	0.0
82.5°	23.9	19.9	16.0	12.0	8.0	3.5	0.0
80°	35.9	26.5	21.3	16.0	10.6	4.7	0.0
77.5°	78.2	41.6	26.5	19.9	13.2	5.8	0.0
75°	119.4	72.0	34.6	23.9	15.8	6.9	0.0
72.5°	159.4	101.5	55.1	27.7	18.3	8.0	0.0
70°	199.4	129.9	75.0	33.2	20.7	9.1	0.0
67.5°	247.4	157.2	94.1	45.5	23.1	10.2	0.0
65°	293.3	187.7	112.3	57.3	25.4	11.2	0.0
62.5°	336.9	221.2	129.6	68.5	27.6	12.2	0.0
60°	377.9	252.8	145.8	79.2	29.7	13.2	0.0
57.5°	421.2	282.5	167.5	89.2	35.7	14.2	0.0
55°	462.2	310.2	188.1	98.6	41.6	15.1	0.0
52.5°	500.1	336.4	207.3	107.2	47.2	15.9	0.0
50°	534.8	364.3	224.9	115.1	52.6	16.7	0.0
47.5°	567.4	389.7	241.0	123.3	57.7	17.5	0.0
45°	603.6	412.7	255.5	134.0	62.6	18.3	0.0
42.5°	636.8	433.1	268.4	143.7	67.3	18.9	0.0
40°	666.9	450.9	281.2	153.6	71.6	19.6	0.0
37.5°	693.9	466.2	294.0	163.4	75.7	20.2	0.0
35°	717.6	483.8	305.0	172.5	79.4	20.7	0.0
32.5°	739.7	501.4	314.2	180.9	82.9	21.2	0.0
30°	762.6	516.4	321.6	188.6	86.1	21.7	0.0
27.5°	783.1	528.9	332.6	195.6	89.0	22.1	0.0
25°	801.2	538.7	342.9	201.8	91.5	22.4	0.0
22.5°	816.7	548.7	352.0	207.3	93.8	22.7	0.0
20°	829.5	562.3	359.8	212.1	95.8	22.9	0.0
17.5°	845.5	573.4	366.4	216.1	97.4	23.1	0.0
15°	862.1	582.1	371.7	219.3	98.7	23.3	0.0
12.5°	875.6	588.4	375.8	221.9	99.7	23.4	0.0
10°	885.9	592.2	378.6	223.6	100.4	23.4	0.0
7.5°	893.0	593.8	380.1	224.6	100.8	23.4	0.0
5°	896.6	593.1	380.4	224.9	100.9	23.3	0.0
2.5°	896.8	590.3	379.5	224.5	100.6	23.2	0.0
0°	893.4	585.3	377.4	223.3	100.1	23.1	0.0
-2.5°	896.8	590.3	379.5	224.5	100.6	23.2	0.0
-5°	896.6	593.1	380.4	224.9	100.9	23.3	0.0
-7.5°	893.0	593.8	380.1	224.6	100.8	23.4	0.0
-10°	885.9	592.2	378.6	223.6	100.4	23.4	0.0
-12.5°	875.6	588.4	375.8	221.9	99.7	23.4	0.0
-15°	862.1	582.1	371.7	219.3	98.7	23.3	0.0
-17.5°	845.5	573.4	366.4	216.1	97.4	23.1	0.0
-20°	829.5	562.3	359.8	212.1	95.8	22.9	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	816.7	548.7	352.0	207.3	93.8	22.7	0.0
-25°	801.2	538.7	342.9	201.8	91.5	22.4	0.0
-27.5°	783.1	528.9	332.6	195.6	89.0	22.1	0.0
-30°	762.6	516.4	321.6	188.6	86.1	21.7	0.0
-32.5°	739.7	501.4	314.2	180.9	82.9	21.2	0.0
-35°	717.6	483.8	305.0	172.5	79.4	20.7	0.0
-37.5°	693.9	466.2	294.0	163.4	75.7	20.2	0.0
-40°	666.9	450.9	281.2	153.6	71.6	19.6	0.0
-42.5°	636.8	433.1	268.4	143.7	67.3	18.9	0.0
-45°	603.6	412.7	255.5	134.0	62.6	18.3	0.0
-47.5°	567.4	389.7	241.0	123.3	57.7	17.5	0.0
-50°	534.8	364.3	224.9	115.1	52.6	16.7	0.0
-52.5°	500.1	336.4	207.3	107.2	47.2	15.9	0.0
-55°	462.2	310.2	188.1	98.6	41.6	15.1	0.0
-57.5°	421.2	282.5	167.5	89.2	35.7	14.2	0.0
-60°	377.9	252.8	145.8	79.2	29.7	13.2	0.0
-62.5°	336.9	221.2	129.6	68.5	27.6	12.2	0.0
-65°	293.3	187.7	112.3	57.3	25.4	11.2	0.0
-67.5°	247.4	157.2	94.1	45.5	23.1	10.2	0.0
-70°	199.4	129.9	75.0	33.2	20.7	9.1	0.0
-72.5°	159.4	101.5	55.1	27.7	18.3	8.0	0.0
-75°	119.4	72.0	34.6	23.9	15.8	6.9	0.0
-77.5°	78.2	41.6	26.5	19.9	13.2	5.8	0.0
-80°	35.9	26.5	21.3	16.0	10.6	4.7	0.0
-82.5°	23.9	19.9	16.0	12.0	8.0	3.5	0.0
-85°	15.9	13.3	10.7	8.0	5.4	2.3	0.0
-87.5°	8.0	6.7	5.3	4.0	2.7	1.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)