

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: P627791 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-722-U-VWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627791 (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-SA6B-722-U-VWR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N133
Light Source: (96) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

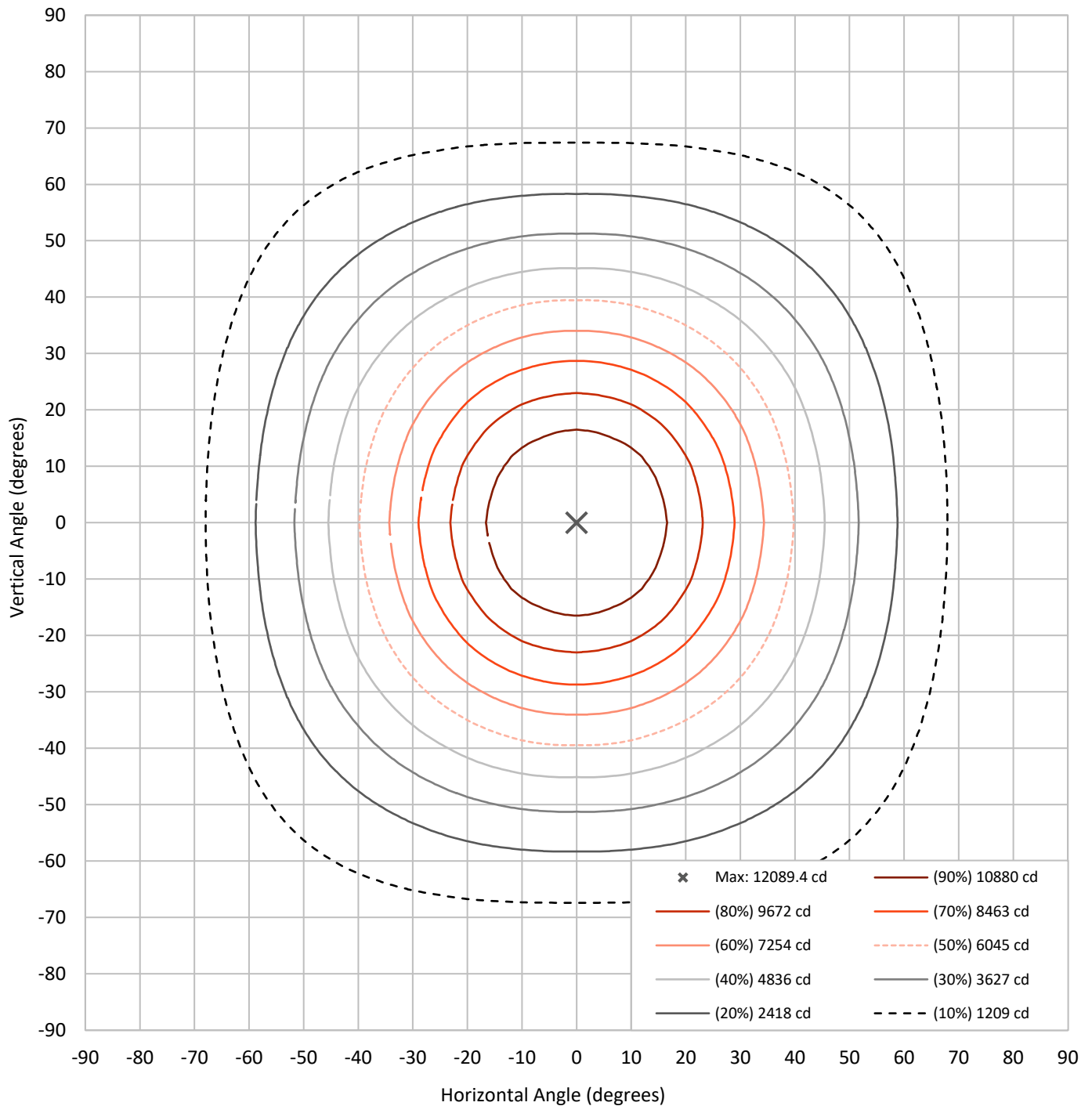
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	21850.5 lumens	Max Intensity:	12089.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	114.6 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:	12815.5 lumens	Field Lumens:	20830.8 lumens
Beam Efficiency:	58.7%	Field Efficiency:	95.3%
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





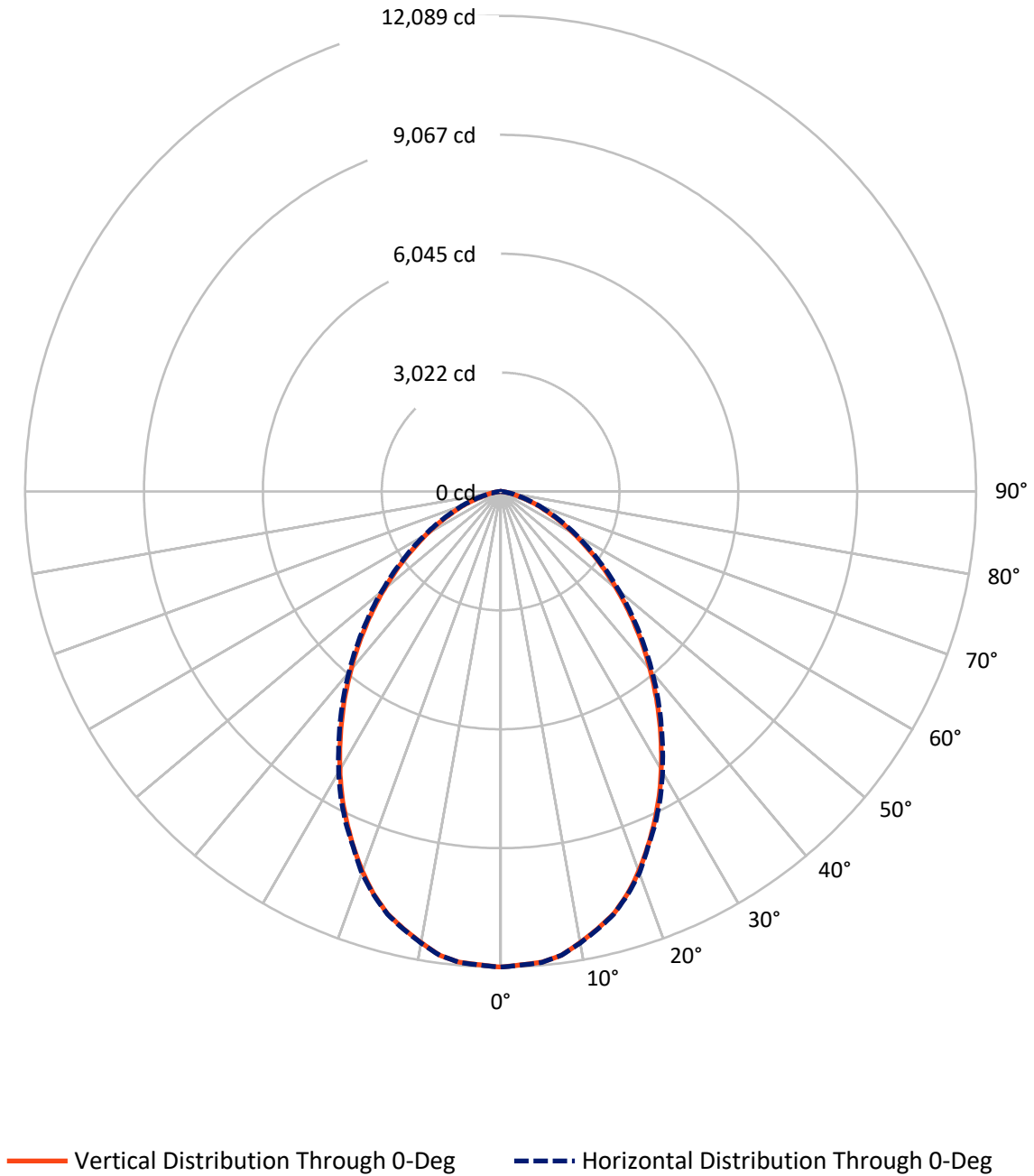
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Lumen Table

90																			
80	0.7	9.0	24.4	41.4	39.0	41.4	24.4	9.0	0.7										
70																			
60	4.0	5.6	11.3	19.3	28.2	36.4	42.6	45.6	45.6	42.6	36.4	28.2	19.3	11.3	5.6	4.0			
50		8.4	18.4	32.8	49.6	67.5	82.1	89.7	89.7	82.1	67.5	49.6	32.8	18.4	8.4				
40	7.1	11.3	26.6	49.1	77.7	107.7	132.9	146.6	146.6	132.9	107.7	77.7	49.1	26.6	11.3	7.1			
30		14.3	35.2	67.5	108.8	152.5	189.9	211.1	211.1	189.9	152.5	108.8	67.5	35.2	14.3				
20	9.2	17.1	43.3	84.9	138.5	196.6	247.3	276.4	276.4	247.3	196.6	138.5	84.9	43.3	17.1	9.2			
10		19.3	49.6	97.9	161.7	232.4	294.7	330.2	330.2	294.7	232.4	161.7	97.9	49.6	19.3				
0	10.0	20.5	53.0	105.3	174.6	252.2	320.4	357.7	357.7	320.4	252.2	174.6	105.3	53.0	20.5	10.0			
-10		20.5	53.0	105.3	174.6	252.2	320.4	357.7	357.7	320.4	252.2	174.6	105.3	53.0	20.5				
-20	9.2	19.3	49.6	97.9	161.7	232.4	294.7	330.2	330.2	294.7	232.4	161.7	97.9	49.6	19.3	9.2			
-30		17.1	43.3	84.9	138.5	196.6	247.3	276.4	276.4	247.3	196.6	138.5	84.9	43.3	17.1				
-40	7.1	14.3	35.2	67.5	108.8	152.5	189.9	211.1	211.1	189.9	152.5	108.8	67.5	35.2	14.3	7.1			
-50		11.3	26.6	49.1	77.7	107.7	132.9	146.6	146.6	132.9	107.7	77.7	49.1	26.6	11.3				
-60	4.0	8.4	18.4	32.8	49.6	67.5	82.1	89.7	89.7	82.1	67.5	49.6	32.8	18.4	8.4	4.0			
-70		5.6	11.3	19.3	28.2	36.4	42.6	45.6	45.6	42.6	36.4	28.2	19.3	11.3	5.6				
-80	0.7	9.0	24.4	41.4	39.0	41.4	24.4	9.0	0.7										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

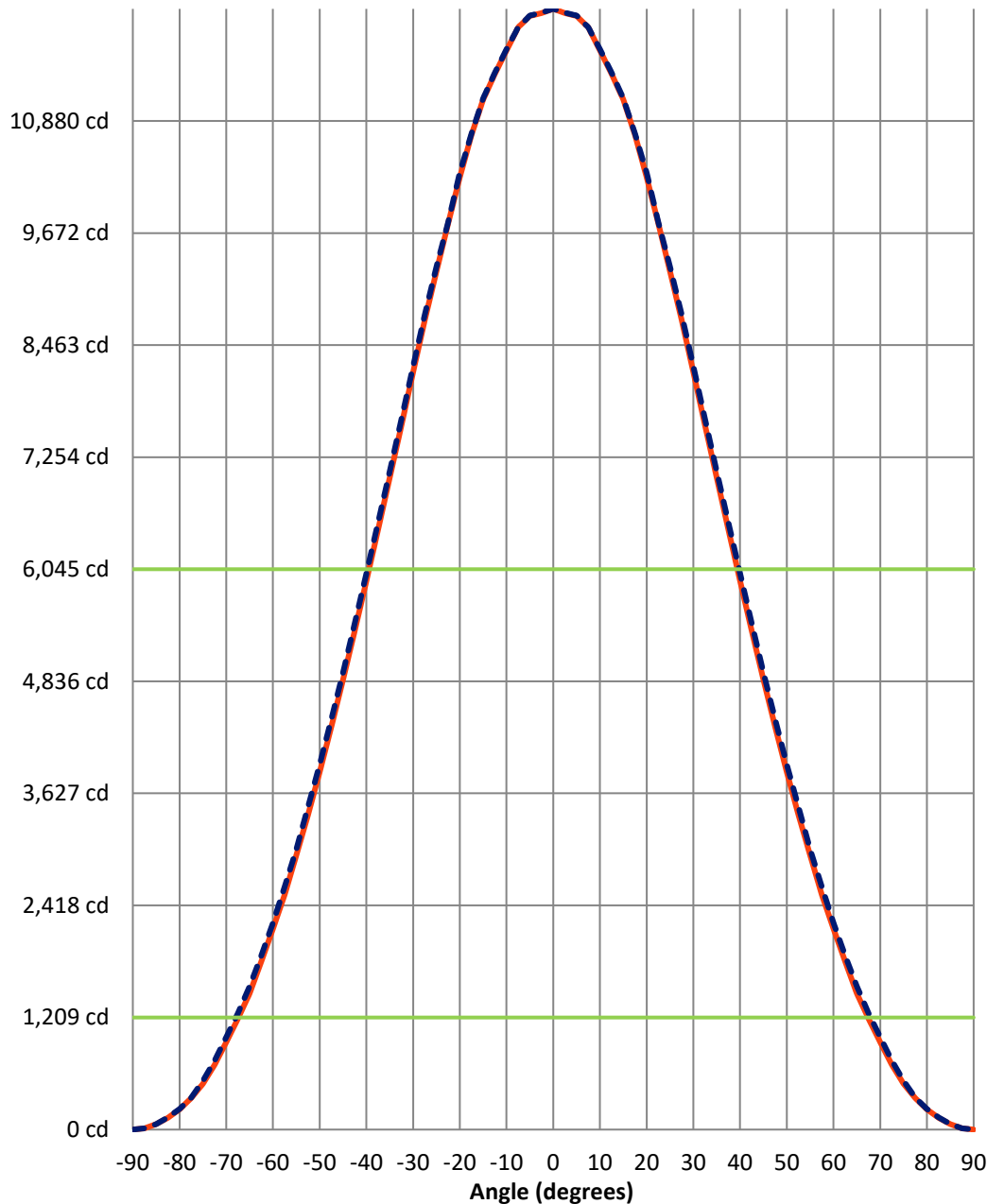
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
H Angle: 79.6°
V Angle: 78.9°
Lumens: 12815.5
Efficiency: 58.7%

Field:
H Angle: 135.9°
V Angle: 134.8°
Lumens: 20830.8
Efficiency: 95.3%

Spill:
Lumens: 1019.8
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	0.7	1.6	2.4	3.1	3.9	4.7	5.4	6.2	6.9	7.6
85°	0.0	1.4	3.1	4.7	6.3	7.8	9.4	10.9	12.4	13.8	15.3
82.5°	0.0	2.1	4.7	7.1	9.4	11.7	14.0	16.3	20.4	32.1	43.3
80°	0.0	2.7	6.3	9.4	12.5	15.6	21.1	37.6	53.4	68.7	83.3
77.5°	0.0	3.4	7.8	11.7	15.6	24.5	46.0	66.8	86.3	105.0	128.3
75°	0.0	4.1	9.3	14.0	20.3	42.3	70.3	95.7	120.1	153.7	189.3
72.5°	0.0	4.7	10.7	16.3	32.4	59.7	93.8	126.9	165.2	206.0	249.2
70°	0.0	5.4	12.2	19.5	44.1	76.5	117.3	164.2	209.3	257.4	313.6
67.5°	0.0	6.0	13.6	26.7	55.4	92.5	145.6	200.7	252.4	313.2	377.6
65°	0.0	6.6	14.9	33.7	66.1	110.5	172.6	236.1	299.0	367.3	437.6
62.5°	0.0	7.2	16.2	40.3	76.3	130.2	198.2	273.2	344.1	419.1	491.1
60°	0.0	7.8	17.5	46.6	85.8	148.8	222.4	310.0	387.5	467.5	544.0
57.5°	0.0	8.3	21.0	52.5	98.6	166.3	247.8	344.3	430.2	515.1	594.1
55°	0.0	8.9	24.5	58.0	110.7	182.5	271.9	373.9	472.2	561.0	642.2
52.5°	0.0	9.4	27.8	63.1	122.0	198.0	294.3	404.7	513.3	603.4	689.1
50°	0.0	9.8	30.9	67.8	132.4	214.4	314.7	433.9	552.3	644.4	742.8
47.5°	0.0	10.3	34.0	72.6	141.8	229.3	333.9	461.1	587.6	684.2	795.4
45°	0.0	10.7	36.9	78.9	150.4	242.8	355.2	486.2	615.1	729.1	845.7
42.5°	0.0	11.1	39.6	84.6	157.9	254.9	374.7	509.2	641.4	772.1	905.0
40°	0.0	11.5	42.1	90.4	165.5	265.4	392.4	531.1	668.7	812.4	962.7
37.5°	0.0	11.9	44.5	96.2	173.0	274.3	408.3	551.8	699.4	850.7	1016.9
35°	0.0	12.2	46.8	101.5	179.5	284.7	422.2	571.3	729.3	894.7	1071.5
32.5°	0.0	12.5	48.8	106.5	184.9	295.0	435.2	589.5	758.3	937.1	1129.3
30°	0.0	12.8	50.7	111.0	189.2	303.9	448.7	607.8	786.3	977.5	1183.3
27.5°	0.0	13.0	52.4	115.1	195.7	311.2	460.8	629.0	815.1	1015.9	1233.5
25°	0.0	13.2	53.9	118.8	201.8	317.0	471.4	648.6	845.2	1055.0	1279.9
22.5°	0.0	13.4	55.2	122.0	207.1	322.8	480.5	666.7	872.8	1092.0	1329.2
20°	0.0	13.5	56.4	124.8	211.7	330.9	488.0	682.9	897.9	1125.1	1373.5
17.5°	0.0	13.6	57.3	127.2	215.6	337.4	497.4	697.2	920.3	1154.1	1412.6
15°	0.0	13.7	58.1	129.1	218.7	342.5	507.2	710.8	939.8	1179.0	1446.3
12.5°	0.0	13.8	58.7	130.6	221.1	346.2	515.2	723.6	957.3	1199.7	1474.4
10°	0.0	13.8	59.1	131.6	222.7	348.5	521.2	733.5	972.5	1219.1	1498.2
7.5°	0.0	13.8	59.3	132.2	223.6	349.4	525.4	740.4	984.2	1234.7	1518.7
5°	0.0	13.7	59.3	132.3	223.8	349.0	527.5	744.3	992.3	1246.0	1533.4
2.5°	0.0	13.7	59.2	132.1	223.3	347.3	527.6	745.2	996.5	1252.9	1542.3
0°	0.0	13.6	58.9	131.4	222.0	344.4	525.6	743.1	996.9	1255.2	1545.2
-2.5°	0.0	13.7	59.2	132.1	223.3	347.3	527.6	745.2	996.5	1252.9	1542.3
-5°	0.0	13.7	59.3	132.3	223.8	349.0	527.5	744.3	992.3	1246.0	1533.4
-7.5°	0.0	13.8	59.3	132.2	223.6	349.4	525.4	740.4	984.2	1234.7	1518.7
-10°	0.0	13.8	59.1	131.6	222.7	348.5	521.2	733.5	972.5	1219.1	1498.2
-12.5°	0.0	13.8	58.7	130.6	221.1	346.2	515.2	723.6	957.3	1199.7	1474.4
-15°	0.0	13.7	58.1	129.1	218.7	342.5	507.2	710.8	939.8	1179.0	1446.3
-17.5°	0.0	13.6	57.3	127.2	215.6	337.4	497.4	697.2	920.3	1154.1	1412.6
-20°	0.0	13.5	56.4	124.8	211.7	330.9	488.0	682.9	897.9	1125.1	1373.5

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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	13.4	55.2	122.0	207.1	322.8	480.5	666.7	872.8	1092.0	1329.2
-25°	0.0	13.2	53.9	118.8	201.8	317.0	471.4	648.6	845.2	1055.0	1279.9
-27.5°	0.0	13.0	52.4	115.1	195.7	311.2	460.8	629.0	815.1	1015.9	1233.5
-30°	0.0	12.8	50.7	111.0	189.2	303.9	448.7	607.8	786.3	977.5	1183.3
-32.5°	0.0	12.5	48.8	106.5	184.9	295.0	435.2	589.5	758.3	937.1	1129.3
-35°	0.0	12.2	46.8	101.5	179.5	284.7	422.2	571.3	729.3	894.7	1071.5
-37.5°	0.0	11.9	44.5	96.2	173.0	274.3	408.3	551.8	699.4	850.7	1016.9
-40°	0.0	11.5	42.1	90.4	165.5	265.4	392.4	531.1	668.7	812.4	962.7
-42.5°	0.0	11.1	39.6	84.6	157.9	254.9	374.7	509.2	641.4	772.1	905.0
-45°	0.0	10.7	36.9	78.9	150.4	242.8	355.2	486.2	615.1	729.1	845.7
-47.5°	0.0	10.3	34.0	72.6	141.8	229.3	333.9	461.1	587.6	684.2	795.4
-50°	0.0	9.8	30.9	67.8	132.4	214.4	314.7	433.9	552.3	644.4	742.8
-52.5°	0.0	9.4	27.8	63.1	122.0	198.0	294.3	404.7	513.3	603.4	689.1
-55°	0.0	8.9	24.5	58.0	110.7	182.5	271.9	373.9	472.2	561.0	642.2
-57.5°	0.0	8.3	21.0	52.5	98.6	166.3	247.8	344.3	430.2	515.1	594.1
-60°	0.0	7.8	17.5	46.6	85.8	148.8	222.4	310.0	387.5	467.5	544.0
-62.5°	0.0	7.2	16.2	40.3	76.3	130.2	198.2	273.2	344.1	419.1	491.1
-65°	0.0	6.6	14.9	33.7	66.1	110.5	172.6	236.1	299.0	367.3	437.6
-67.5°	0.0	6.0	13.6	26.7	55.4	92.5	145.6	200.7	252.4	313.2	377.6
-70°	0.0	5.4	12.2	19.5	44.1	76.5	117.3	164.2	209.3	257.4	313.6
-72.5°	0.0	4.7	10.7	16.3	32.4	59.7	93.8	126.9	165.2	206.0	249.2
-75°	0.0	4.1	9.3	14.0	20.3	42.3	70.3	95.7	120.1	153.7	189.3
-77.5°	0.0	3.4	7.8	11.7	15.6	24.5	46.0	66.8	86.3	105.0	128.3
-80°	0.0	2.7	6.3	9.4	12.5	15.6	21.1	37.6	53.4	68.7	83.3
-82.5°	0.0	2.1	4.7	7.1	9.4	11.7	14.0	16.3	20.4	32.1	43.3
-85°	0.0	1.4	3.1	4.7	6.3	7.8	9.4	10.9	12.4	13.8	15.3
-87.5°	0.0	0.7	1.6	2.4	3.1	3.9	4.7	5.4	6.2	6.9	7.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-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°	8.9	10.2	11.6	13.0	13.1	13.1	13.0	12.8	13.3	13.9	14.4
85°	17.7	20.3	28.3	35.9	39.6	41.8	42.8	42.6	49.6	57.7	66.4
82.5°	55.1	66.5	77.4	87.7	90.3	90.4	89.5	89.8	106.1	124.8	143.9
80°	98.2	112.6	131.7	148.7	156.0	159.8	161.5	161.3	181.9	209.4	238.3
77.5°	155.7	180.0	201.1	219.1	228.7	237.3	244.2	249.6	276.1	310.9	345.3
75°	221.3	248.0	274.4	297.5	313.6	325.6	336.7	354.6	389.3	429.8	465.1
72.5°	290.5	324.5	354.0	379.1	401.7	425.7	452.6	482.0	518.7	559.1	596.0
70°	364.5	401.8	432.7	462.9	493.7	529.7	570.0	609.7	650.6	695.2	738.2
67.5°	436.8	472.8	509.2	547.2	593.3	641.5	689.2	744.0	800.0	849.6	893.9
65°	499.6	541.8	587.3	638.9	695.9	757.2	820.8	886.5	957.6	1017.1	1071.4
62.5°	559.6	610.4	665.7	730.0	802.7	875.2	956.4	1038.6	1118.5	1188.7	1253.6
60°	614.8	676.4	746.3	825.2	910.1	1006.4	1098.8	1192.3	1280.1	1359.5	1441.5
57.5°	668.7	746.1	830.0	924.7	1031.9	1140.2	1248.9	1349.5	1448.7	1545.6	1638.3
55°	725.6	818.9	918.7	1034.8	1155.8	1283.8	1400.9	1513.1	1622.5	1740.0	1851.7
52.5°	788.2	892.4	1017.3	1147.4	1287.1	1424.5	1553.1	1680.9	1813.1	1946.1	2091.5
50°	848.6	978.6	1115.5	1266.7	1417.6	1564.8	1712.3	1859.5	2018.0	2181.0	2345.8
47.5°	919.2	1061.1	1222.8	1384.9	1549.8	1713.6	1878.0	2055.9	2235.9	2425.1	2607.3
45°	990.7	1150.2	1324.4	1507.8	1686.1	1867.4	2059.6	2256.4	2467.4	2675.4	2894.6
42.5°	1058.4	1238.7	1430.8	1628.7	1827.1	2029.8	2241.1	2470.9	2701.5	2941.4	3182.3
40°	1133.5	1322.9	1534.7	1752.8	1968.0	2192.7	2434.2	2683.1	2944.0	3207.7	3469.4
37.5°	1205.6	1413.9	1636.4	1871.2	2112.7	2359.6	2621.9	2904.3	3187.3	3471.2	3759.7
35°	1273.1	1500.1	1741.2	1990.4	2246.6	2527.4	2820.5	3122.1	3428.6	3735.7	4046.1
32.5°	1342.6	1581.4	1841.3	2108.0	2390.3	2691.4	3012.5	3339.3	3665.8	3993.6	4333.4
30°	1412.3	1666.7	1938.2	2219.1	2527.9	2856.0	3201.1	3547.3	3892.7	4253.5	4615.5
27.5°	1478.1	1747.6	2033.4	2334.1	2659.9	3008.5	3375.0	3745.8	4118.2	4501.8	4887.9
25°	1538.8	1824.2	2121.8	2444.6	2790.0	3155.2	3537.0	3923.9	4332.4	4742.8	5146.0
22.5°	1597.8	1894.5	2203.7	2546.5	2907.9	3291.4	3689.0	4097.6	4524.4	4965.2	5382.4
20°	1654.7	1961.5	2283.3	2638.8	3013.4	3414.0	3827.1	4255.0	4702.8	5155.3	5604.1
17.5°	1705.2	2021.1	2357.5	2725.1	3114.2	3526.1	3951.6	4393.5	4861.2	5330.3	5805.9
15°	1749.1	2072.9	2421.7	2800.5	3203.3	3628.1	4067.1	4521.6	5001.4	5489.8	5984.3
12.5°	1786.3	2116.8	2475.8	2864.5	3278.9	3715.5	4166.4	4636.8	5129.5	5631.7	6140.5
10°	1816.5	2152.6	2519.6	2916.8	3340.6	3787.7	4248.1	4731.8	5239.3	5752.4	6271.9
7.5°	1842.2	2182.5	2554.3	2957.2	3388.1	3844.3	4311.8	4805.9	5326.7	5846.5	6377.4
5°	1860.9	2206.6	2586.2	2991.1	3429.5	3888.5	4360.0	4858.7	5390.7	5913.5	6454.0
2.5°	1872.1	2222.4	2607.9	3013.0	3462.0	3921.6	4402.8	4905.4	5437.5	5966.7	6511.5
0°	1875.9	2229.4	2619.1	3022.4	3480.0	3937.7	4427.0	4930.0	5460.2	5999.4	6547.7
-2.5°	1872.1	2222.4	2607.9	3013.0	3462.0	3921.6	4402.8	4905.4	5437.5	5966.7	6511.5
-5°	1860.9	2206.6	2586.2	2991.1	3429.5	3888.5	4360.0	4858.7	5390.7	5913.5	6454.0
-7.5°	1842.2	2182.5	2554.3	2957.2	3388.1	3844.3	4311.8	4805.9	5326.7	5846.5	6377.4
-10°	1816.5	2152.6	2519.6	2916.8	3340.6	3787.7	4248.1	4731.8	5239.3	5752.4	6271.9
-12.5°	1786.3	2116.8	2475.8	2864.5	3278.9	3715.5	4166.4	4636.8	5129.5	5631.7	6140.5
-15°	1749.1	2072.9	2421.7	2800.5	3203.3	3628.1	4067.1	4521.6	5001.4	5489.8	5984.3
-17.5°	1705.2	2021.1	2357.5	2725.1	3114.2	3526.1	3951.6	4393.5	4861.2	5330.3	5805.9
-20°	1654.7	1961.5	2283.3	2638.8	3013.4	3414.0	3827.1	4255.0	4702.8	5155.3	5604.1



REPORT NUMBER: P627791 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-722-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°	1597.8	1894.5	2203.7	2546.5	2907.9	3291.4	3689.0	4097.6	4524.4	4965.2	5382.4
-25°	1538.8	1824.2	2121.8	2444.6	2790.0	3155.2	3537.0	3923.9	4332.4	4742.8	5146.0
-27.5°	1478.1	1747.6	2033.4	2334.1	2659.9	3008.5	3375.0	3745.8	4118.2	4501.8	4887.9
-30°	1412.3	1666.7	1938.2	2219.1	2527.9	2856.0	3201.1	3547.3	3892.7	4253.5	4615.5
-32.5°	1342.6	1581.4	1841.3	2108.0	2390.3	2691.4	3012.5	3339.3	3665.8	3993.6	4333.4
-35°	1273.1	1500.1	1741.2	1990.4	2246.6	2527.4	2820.5	3122.1	3428.6	3735.7	4046.1
-37.5°	1205.6	1413.9	1636.4	1871.2	2112.7	2359.6	2621.9	2904.3	3187.3	3471.2	3759.7
-40°	1133.5	1322.9	1534.7	1752.8	1968.0	2192.7	2434.2	2683.1	2944.0	3207.7	3469.4
-42.5°	1058.4	1238.7	1430.8	1628.7	1827.1	2029.8	2241.1	2470.9	2701.5	2941.4	3182.3
-45°	990.7	1150.2	1324.4	1507.8	1686.1	1867.4	2059.6	2256.4	2467.4	2675.4	2894.6
-47.5°	919.2	1061.1	1222.8	1384.9	1549.8	1713.6	1878.0	2055.9	2235.9	2425.1	2607.3
-50°	848.6	978.6	1115.5	1266.7	1417.6	1564.8	1712.3	1859.5	2018.0	2181.0	2345.8
-52.5°	788.2	892.4	1017.3	1147.4	1287.1	1424.5	1553.1	1680.9	1813.1	1946.1	2091.5
-55°	725.6	818.9	918.7	1034.8	1155.8	1283.8	1400.9	1513.1	1622.5	1740.0	1851.7
-57.5°	668.7	746.1	830.0	924.7	1031.9	1140.2	1248.9	1349.5	1448.7	1545.6	1638.3
-60°	614.8	676.4	746.3	825.2	910.1	1006.4	1098.8	1192.3	1280.1	1359.5	1441.5
-62.5°	559.6	610.4	665.7	730.0	802.7	875.2	956.4	1038.6	1118.5	1188.7	1253.6
-65°	499.6	541.8	587.3	638.9	695.9	757.2	820.8	886.5	957.6	1017.1	1071.4
-67.5°	436.8	472.8	509.2	547.2	593.3	641.5	689.2	744.0	800.0	849.6	893.9
-70°	364.5	401.8	432.7	462.9	493.7	529.7	570.0	609.7	650.6	695.2	738.2
-72.5°	290.5	324.5	354.0	379.1	401.7	425.7	452.6	482.0	518.7	559.1	596.0
-75°	221.3	248.0	274.4	297.5	313.6	325.6	336.7	354.6	389.3	429.8	465.1
-77.5°	155.7	180.0	201.1	219.1	228.7	237.3	244.2	249.6	276.1	310.9	345.3
-80°	98.2	112.6	131.7	148.7	156.0	159.8	161.5	161.3	181.9	209.4	238.3
-82.5°	55.1	66.5	77.4	87.7	90.3	90.4	89.5	89.8	106.1	124.8	143.9
-85°	17.7	20.3	28.3	35.9	39.6	41.8	42.8	42.6	49.6	57.7	66.4
-87.5°	8.9	10.2	11.6	13.0	13.1	13.1	13.0	12.8	13.3	13.9	14.4
-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: P627791 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-722-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°	14.8	15.3	15.7	16.1	16.4	16.7	17.0	17.3	17.5	16.6	15.6
85°	75.7	81.1	86.1	90.8	95.4	99.7	103.7	107.5	111.0	101.4	90.7
82.5°	163.5	176.6	189.1	201.5	213.8	216.9	217.9	217.4	215.7	198.8	180.1
80°	266.8	289.0	310.0	330.8	351.2	353.5	351.2	347.0	341.0	318.9	293.8
77.5°	379.7	407.6	432.1	454.5	474.9	478.8	478.2	477.2	475.5	452.9	425.5
75°	495.3	522.6	549.0	571.5	590.2	598.8	603.0	606.0	607.6	591.4	570.1
72.5°	629.4	657.9	681.1	702.9	721.3	734.7	744.3	751.5	756.4	751.5	742.8
70°	774.9	805.4	831.1	855.7	880.7	900.8	915.9	926.9	933.8	938.4	941.6
67.5°	938.7	979.7	1015.5	1046.0	1076.3	1104.6	1127.9	1146.9	1161.6	1174.0	1183.7
65°	1123.3	1175.7	1222.1	1264.8	1303.9	1345.0	1378.7	1407.0	1429.8	1448.6	1463.8
62.5°	1317.4	1381.6	1441.2	1499.1	1555.7	1611.6	1654.5	1693.5	1728.2	1758.0	1781.8
60°	1519.1	1592.0	1672.1	1748.4	1818.7	1883.0	1946.7	2002.0	2049.2	2088.5	2120.1
57.5°	1735.9	1830.3	1923.9	2018.7	2108.3	2192.2	2270.7	2340.0	2398.6	2446.6	2486.9
55°	1970.0	2088.2	2196.6	2316.3	2431.9	2537.2	2629.9	2711.3	2781.8	2840.8	2890.9
52.5°	2227.4	2371.0	2512.0	2648.1	2779.4	2901.5	3012.5	3107.3	3191.7	3264.0	3321.7
50°	2509.2	2673.5	2836.8	2988.3	3139.1	3279.8	3407.0	3517.1	3615.2	3700.2	3767.1
47.5°	2803.9	2990.8	3173.2	3346.6	3513.5	3669.9	3807.7	3933.1	4055.5	4155.3	4234.3
45°	3109.8	3319.5	3520.7	3718.9	3902.8	4078.1	4248.0	4404.2	4529.9	4639.8	4732.2
42.5°	3419.4	3653.4	3878.7	4095.0	4297.1	4499.8	4691.0	4861.8	5005.0	5130.1	5235.0
40°	3733.1	3989.3	4237.5	4473.3	4704.4	4925.4	5132.2	5312.3	5473.8	5622.4	5746.1
37.5°	4045.2	4327.0	4602.1	4866.2	5120.6	5360.1	5583.5	5787.0	5969.3	6138.5	6275.9
35°	4358.7	4667.9	4969.0	5259.7	5537.6	5801.8	6046.4	6278.0	6492.9	6664.2	6804.8
32.5°	4671.0	5003.4	5331.1	5651.1	5955.3	6240.2	6505.1	6761.1	6982.1	7170.4	7332.1
30°	4973.2	5333.3	5690.1	6037.1	6365.7	6674.4	6967.8	7238.4	7476.1	7682.0	7863.3
27.5°	5269.7	5656.6	6039.5	6410.1	6765.4	7100.9	7421.0	7714.5	7973.8	8197.7	8388.9
25°	5550.0	5965.8	6373.9	6766.9	7146.4	7516.4	7862.1	8182.3	8459.4	8705.2	8901.6
22.5°	5817.7	6261.2	6690.0	7103.5	7509.4	7908.2	8286.7	8621.0	8914.7	9171.6	9389.0
20°	6067.2	6542.4	6981.1	7418.3	7845.9	8271.8	8678.1	9030.9	9341.6	9615.2	9854.8
17.5°	6300.4	6787.8	7249.8	7715.3	8165.9	8612.7	9025.5	9403.7	9738.9	10029.4	10280.3
15°	6497.8	6990.0	7494.6	7991.5	8466.8	8919.2	9331.6	9726.6	10098.8	10413.0	10667.4
12.5°	6657.7	7169.5	7695.9	8223.4	8726.0	9177.8	9609.7	10010.4	10401.3	10754.1	10988.1
10°	6793.9	7321.0	7864.3	8402.4	8911.7	9389.7	9859.2	10282.8	10667.0	10983.0	11244.2
7.5°	6911.7	7454.6	8006.4	8545.4	9053.0	9546.9	10030.2	10480.2	10868.0	11165.7	11398.7
5°	6998.5	7554.4	8116.8	8660.8	9175.5	9671.0	10156.5	10600.8	10979.4	11282.3	11536.4
2.5°	7060.7	7621.8	8188.3	8733.0	9259.1	9755.8	10253.5	10702.8	11069.4	11346.9	11590.2
0°	7100.5	7662.4	8233.3	8790.6	9307.2	9787.5	10322.2	10743.6	11124.2	11400.7	11654.4
-2.5°	7060.7	7621.8	8188.3	8733.0	9259.1	9755.8	10253.5	10702.8	11069.4	11346.9	11590.2
-5°	6998.5	7554.4	8116.8	8660.8	9175.5	9671.0	10156.5	10600.8	10979.4	11282.3	11536.4
-7.5°	6911.7	7454.6	8006.4	8545.4	9053.0	9546.9	10030.2	10480.2	10868.0	11165.7	11398.7
-10°	6793.9	7321.0	7864.3	8402.4	8911.7	9389.7	9859.2	10282.8	10667.0	10983.0	11244.2
-12.5°	6657.7	7169.5	7695.9	8223.4	8726.0	9177.8	9609.7	10010.4	10401.3	10754.1	10988.1
-15°	6497.8	6990.0	7494.6	7991.5	8466.8	8919.2	9331.6	9726.6	10098.8	10413.0	10667.4
-17.5°	6300.4	6787.8	7249.8	7715.3	8165.9	8612.7	9025.5	9403.7	9738.9	10029.4	10280.3
-20°	6067.2	6542.4	6981.1	7418.3	7845.9	8271.8	8678.1	9030.9	9341.6	9615.2	9854.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627791 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-722-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	5817.7	6261.2	6690.0	7103.5	7509.4	7908.2	8286.7	8621.0	8914.7	9171.6	9389.0
-25°	5550.0	5965.8	6373.9	6766.9	7146.4	7516.4	7862.1	8182.3	8459.4	8705.2	8901.6
-27.5°	5269.7	5656.6	6039.5	6410.1	6765.4	7100.9	7421.0	7714.5	7973.8	8197.7	8388.9
-30°	4973.2	5333.3	5690.1	6037.1	6365.7	6674.4	6967.8	7238.4	7476.1	7682.0	7863.3
-32.5°	4671.0	5003.4	5331.1	5651.1	5955.3	6240.2	6505.1	6761.1	6982.1	7170.4	7332.1
-35°	4358.7	4667.9	4969.0	5259.7	5537.6	5801.8	6046.4	6278.0	6492.9	6664.2	6804.8
-37.5°	4045.2	4327.0	4602.1	4866.2	5120.6	5360.1	5583.5	5787.0	5969.3	6138.5	6275.9
-40°	3733.1	3989.3	4237.5	4473.3	4704.4	4925.4	5132.2	5312.3	5473.8	5622.4	5746.1
-42.5°	3419.4	3653.4	3878.7	4095.0	4297.1	4499.8	4691.0	4861.8	5005.0	5130.1	5235.0
-45°	3109.8	3319.5	3520.7	3718.9	3902.8	4078.1	4248.0	4404.2	4529.9	4639.8	4732.2
-47.5°	2803.9	2990.8	3173.2	3346.6	3513.5	3669.9	3807.7	3933.1	4055.5	4155.3	4234.3
-50°	2509.2	2673.5	2836.8	2988.3	3139.1	3279.8	3407.0	3517.1	3615.2	3700.2	3767.1
-52.5°	2227.4	2371.0	2512.0	2648.1	2779.4	2901.5	3012.5	3107.3	3191.7	3264.0	3321.7
-55°	1970.0	2088.2	2196.6	2316.3	2431.9	2537.2	2629.9	2711.3	2781.8	2840.8	2890.9
-57.5°	1735.9	1830.3	1923.9	2018.7	2108.3	2192.2	2270.7	2340.0	2398.6	2446.6	2486.9
-60°	1519.1	1592.0	1672.1	1748.4	1818.7	1883.0	1946.7	2002.0	2049.2	2088.5	2120.1
-62.5°	1317.4	1381.6	1441.2	1499.1	1555.7	1611.6	1654.5	1693.5	1728.2	1758.0	1781.8
-65°	1123.3	1175.7	1222.1	1264.8	1303.9	1345.0	1378.7	1407.0	1429.8	1448.6	1463.8
-67.5°	938.7	979.7	1015.5	1046.0	1076.3	1104.6	1127.9	1146.9	1161.6	1174.0	1183.7
-70°	774.9	805.4	831.1	855.7	880.7	900.8	915.9	926.9	933.8	938.4	941.6
-72.5°	629.4	657.9	681.1	702.9	721.3	734.7	744.3	751.5	756.4	751.5	742.8
-75°	495.3	522.6	549.0	571.5	590.2	598.8	603.0	606.0	607.6	591.4	570.1
-77.5°	379.7	407.6	432.1	454.5	474.9	478.8	478.2	477.2	475.5	452.9	425.5
-80°	266.8	289.0	310.0	330.8	351.2	353.5	351.2	347.0	341.0	318.9	293.8
-82.5°	163.5	176.6	189.1	201.5	213.8	216.9	217.9	217.4	215.7	198.8	180.1
-85°	75.7	81.1	86.1	90.8	95.4	99.7	103.7	107.5	111.0	101.4	90.7
-87.5°	14.8	15.3	15.7	16.1	16.4	16.7	17.0	17.3	17.5	16.6	15.6
-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: P627791 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-722-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°	14.6	13.6	13.6	13.6	13.6	13.6	14.6	15.6	16.6	17.5	17.3
85°	79.5	67.7	63.4	58.9	63.4	67.7	79.5	90.7	101.4	111.0	107.5
82.5°	160.5	140.0	133.6	126.9	133.6	140.0	160.5	180.1	198.8	215.7	217.4
80°	267.3	239.6	228.7	217.5	228.7	239.6	267.3	293.8	318.9	341.0	347.0
77.5°	396.5	366.1	353.1	339.8	353.1	366.1	396.5	425.5	452.9	475.5	477.2
75°	547.6	523.8	509.4	493.9	509.4	523.8	547.6	570.1	591.4	607.6	606.0
72.5°	732.8	721.2	710.7	697.8	710.7	721.2	732.8	742.8	751.5	756.4	751.5
70°	942.6	941.1	943.0	942.5	943.0	941.1	942.6	941.6	938.4	933.8	926.9
67.5°	1188.6	1189.0	1194.0	1196.3	1194.0	1189.0	1188.6	1183.7	1174.0	1161.6	1146.9
65°	1473.1	1476.6	1475.3	1468.1	1475.3	1476.6	1473.1	1463.8	1448.6	1429.8	1407.0
62.5°	1798.6	1808.4	1813.8	1812.5	1813.8	1808.4	1798.6	1781.8	1758.0	1728.2	1693.5
60°	2143.7	2159.0	2166.7	2165.9	2166.7	2159.0	2143.7	2120.1	2088.5	2049.2	2002.0
57.5°	2516.9	2536.6	2541.2	2533.0	2541.2	2536.6	2516.9	2486.9	2446.6	2398.6	2340.0
55°	2928.6	2953.8	2963.5	2958.9	2963.5	2953.8	2928.6	2890.9	2840.8	2781.8	2711.3
52.5°	3364.0	3391.2	3400.9	3393.9	3400.9	3391.2	3364.0	3321.7	3264.0	3191.7	3107.3
50°	3816.2	3849.2	3862.5	3856.1	3862.5	3849.2	3816.2	3767.1	3700.2	3615.2	3517.1
47.5°	4296.2	4340.0	4357.1	4345.5	4357.1	4340.0	4296.2	4234.3	4155.3	4055.5	3933.1
45°	4801.2	4846.7	4864.3	4853.0	4864.3	4846.7	4801.2	4732.2	4639.8	4529.9	4404.2
42.5°	5315.3	5374.4	5399.4	5378.6	5399.4	5374.4	5315.3	5235.0	5130.1	5005.0	4861.8
40°	5838.5	5902.6	5932.2	5917.8	5932.2	5902.6	5838.5	5746.1	5622.4	5473.8	5312.3
37.5°	6375.1	6438.9	6470.3	6470.6	6470.3	6438.9	6375.1	6275.9	6138.5	5969.3	5787.0
35°	6913.7	6991.0	7034.7	7032.5	7034.7	6991.0	6913.7	6804.8	6664.2	6492.9	6278.0
32.5°	7459.8	7543.4	7588.1	7594.4	7588.1	7543.4	7459.8	7332.1	7170.4	6982.1	6761.1
30°	8005.0	8097.0	8148.7	8169.9	8148.7	8097.0	8005.0	7863.3	7682.0	7476.1	7238.4
27.5°	8533.7	8646.9	8725.0	8731.7	8725.0	8646.9	8533.7	8388.9	8197.7	7973.8	7714.5
25°	9045.8	9161.0	9241.1	9257.4	9241.1	9161.0	9045.8	8901.6	8705.2	8459.4	8182.3
22.5°	9550.5	9670.9	9744.8	9773.9	9744.8	9670.9	9550.5	9389.0	9171.6	8914.7	8621.0
20°	10032.3	10162.8	10241.1	10272.4	10241.1	10162.8	10032.3	9854.8	9615.2	9341.6	9030.9
17.5°	10468.1	10606.0	10702.8	10730.0	10702.8	10606.0	10468.1	10280.3	10029.4	9738.9	9403.7
15°	10851.7	10982.5	11074.4	11110.7	11074.4	10982.5	10851.7	10667.4	10413.0	10098.8	9726.6
12.5°	11163.9	11280.9	11352.9	11387.1	11352.9	11280.9	11163.9	10988.1	10754.1	10401.3	10010.4
10°	11407.9	11525.2	11593.9	11640.8	11593.9	11525.2	11407.9	11244.2	10983.0	10667.0	10282.8
7.5°	11619.5	11739.8	11823.9	11890.0	11823.9	11739.8	11619.5	11398.7	11165.7	10868.0	10480.2
5°	11736.4	11937.2	11967.4	12012.4	11967.4	11937.2	11736.4	11536.4	11282.3	10979.4	10600.8
2.5°	11825.6	11967.9	12053.5	12044.1	12053.5	11967.9	11825.6	11590.2	11346.9	11069.4	10702.8
0°	11890.0	12016.9	12048.6	12089.4	12048.6	12016.9	11890.0	11654.4	11400.7	11124.2	10743.6
-2.5°	11825.6	11967.9	12053.5	12044.1	12053.5	11967.9	11825.6	11590.2	11346.9	11069.4	10702.8
-5°	11736.4	11937.2	11967.4	12012.4	11967.4	11937.2	11736.4	11536.4	11282.3	10979.4	10600.8
-7.5°	11619.5	11739.8	11823.9	11890.0	11823.9	11739.8	11619.5	11398.7	11165.7	10868.0	10480.2
-10°	11407.9	11525.2	11593.9	11640.8	11593.9	11525.2	11407.9	11244.2	10983.0	10667.0	10282.8
-12.5°	11163.9	11280.9	11352.9	11387.1	11352.9	11280.9	11163.9	10988.1	10754.1	10401.3	10010.4
-15°	10851.7	10982.5	11074.4	11110.7	11074.4	10982.5	10851.7	10667.4	10413.0	10098.8	9726.6
-17.5°	10468.1	10606.0	10702.8	10730.0	10702.8	10606.0	10468.1	10280.3	10029.4	9738.9	9403.7
-20°	10032.3	10162.8	10241.1	10272.4	10241.1	10162.8	10032.3	9854.8	9615.2	9341.6	9030.9



REPORT NUMBER: P627791 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-722-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°	9550.5	9670.9	9744.8	9773.9	9744.8	9670.9	9550.5	9389.0	9171.6	8914.7	8621.0
-25°	9045.8	9161.0	9241.1	9257.4	9241.1	9161.0	9045.8	8901.6	8705.2	8459.4	8182.3
-27.5°	8533.7	8646.9	8725.0	8731.7	8725.0	8646.9	8533.7	8388.9	8197.7	7973.8	7714.5
-30°	8005.0	8097.0	8148.7	8169.9	8148.7	8097.0	8005.0	7863.3	7682.0	7476.1	7238.4
-32.5°	7459.8	7543.4	7588.1	7594.4	7588.1	7543.4	7459.8	7332.1	7170.4	6982.1	6761.1
-35°	6913.7	6991.0	7034.7	7032.5	7034.7	6991.0	6913.7	6804.8	6664.2	6492.9	6278.0
-37.5°	6375.1	6438.9	6470.3	6470.6	6470.3	6438.9	6375.1	6275.9	6138.5	5969.3	5787.0
-40°	5838.5	5902.6	5932.2	5917.8	5932.2	5902.6	5838.5	5746.1	5622.4	5473.8	5312.3
-42.5°	5315.3	5374.4	5399.4	5378.6	5399.4	5374.4	5315.3	5235.0	5130.1	5005.0	4861.8
-45°	4801.2	4846.7	4864.3	4853.0	4864.3	4846.7	4801.2	4732.2	4639.8	4529.9	4404.2
-47.5°	4296.2	4340.0	4357.1	4345.5	4357.1	4340.0	4296.2	4234.3	4155.3	4055.5	3933.1
-50°	3816.2	3849.2	3862.5	3856.1	3862.5	3849.2	3816.2	3767.1	3700.2	3615.2	3517.1
-52.5°	3364.0	3391.2	3400.9	3393.9	3400.9	3391.2	3364.0	3321.7	3264.0	3191.7	3107.3
-55°	2928.6	2953.8	2963.5	2958.9	2963.5	2953.8	2928.6	2890.9	2840.8	2781.8	2711.3
-57.5°	2516.9	2536.6	2541.2	2533.0	2541.2	2536.6	2516.9	2486.9	2446.6	2398.6	2340.0
-60°	2143.7	2159.0	2166.7	2165.9	2166.7	2159.0	2143.7	2120.1	2088.5	2049.2	2002.0
-62.5°	1798.6	1808.4	1813.8	1812.5	1813.8	1808.4	1798.6	1781.8	1758.0	1728.2	1693.5
-65°	1473.1	1476.6	1475.3	1468.1	1475.3	1476.6	1473.1	1463.8	1448.6	1429.8	1407.0
-67.5°	1188.6	1189.0	1194.0	1196.3	1194.0	1189.0	1188.6	1183.7	1174.0	1161.6	1146.9
-70°	942.6	941.1	943.0	942.5	943.0	941.1	942.6	941.6	938.4	933.8	926.9
-72.5°	732.8	721.2	710.7	697.8	710.7	721.2	732.8	742.8	751.5	756.4	751.5
-75°	547.6	523.8	509.4	493.9	509.4	523.8	547.6	570.1	591.4	607.6	606.0
-77.5°	396.5	366.1	353.1	339.8	353.1	366.1	396.5	425.5	452.9	475.5	477.2
-80°	267.3	239.6	228.7	217.5	228.7	239.6	267.3	293.8	318.9	341.0	347.0
-82.5°	160.5	140.0	133.6	126.9	133.6	140.0	160.5	180.1	198.8	215.7	217.4
-85°	79.5	67.7	63.4	58.9	63.4	67.7	79.5	90.7	101.4	111.0	107.5
-87.5°	14.6	13.6	13.6	13.6	13.6	13.6	14.6	15.6	16.6	17.5	17.3
-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: P627791 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-722-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°	17.0	16.7	16.4	16.1	15.7	15.3	14.8	14.4	13.9	13.3	12.8
85°	103.7	99.7	95.4	90.8	86.1	81.1	75.7	66.4	57.7	49.6	42.6
82.5°	217.9	216.9	213.8	201.5	189.1	176.6	163.5	143.9	124.8	106.1	89.8
80°	351.2	353.5	351.2	330.8	310.0	289.0	266.8	238.3	209.4	181.9	161.3
77.5°	478.2	478.8	474.9	454.5	432.1	407.6	379.7	345.3	310.9	276.1	249.6
75°	603.0	598.8	590.2	571.5	549.0	522.6	495.3	465.1	429.8	389.3	354.6
72.5°	744.3	734.7	721.3	702.9	681.1	657.9	629.4	596.0	559.1	518.7	482.0
70°	915.9	900.8	880.7	855.7	831.1	805.4	774.9	738.2	695.2	650.6	609.7
67.5°	1127.9	1104.6	1076.3	1046.0	1015.5	979.7	938.7	893.9	849.6	800.0	744.0
65°	1378.7	1345.0	1303.9	1264.8	1222.1	1175.7	1123.3	1071.4	1017.1	957.6	886.5
62.5°	1654.5	1611.6	1555.7	1499.1	1441.2	1381.6	1317.4	1253.6	1188.7	1118.5	1038.6
60°	1946.7	1883.0	1818.7	1748.4	1672.1	1592.0	1519.1	1441.5	1359.5	1280.1	1192.3
57.5°	2270.7	2192.2	2108.3	2018.7	1923.9	1830.3	1735.9	1638.3	1545.6	1448.7	1349.5
55°	2629.9	2537.2	2431.9	2316.3	2196.6	2088.2	1970.0	1851.7	1740.0	1622.5	1513.1
52.5°	3012.5	2901.5	2779.4	2648.1	2512.0	2371.0	2227.4	2091.5	1946.1	1813.1	1680.9
50°	3407.0	3279.8	3139.1	2988.3	2836.8	2673.5	2509.2	2345.8	2181.0	2018.0	1859.5
47.5°	3807.7	3669.9	3513.5	3346.6	3173.2	2990.8	2803.9	2607.3	2425.1	2235.9	2055.9
45°	4248.0	4078.1	3902.8	3718.9	3520.7	3319.5	3109.8	2894.6	2675.4	2467.4	2256.4
42.5°	4691.0	4499.8	4297.1	4095.0	3878.7	3653.4	3419.4	3182.3	2941.4	2701.5	2470.9
40°	5132.2	4925.4	4704.4	4473.3	4237.5	3989.3	3733.1	3469.4	3207.7	2944.0	2683.1
37.5°	5583.5	5360.1	5120.6	4866.2	4602.1	4327.0	4045.2	3759.7	3471.2	3187.3	2904.3
35°	6046.4	5801.8	5537.6	5259.7	4969.0	4667.9	4358.7	4046.1	3735.7	3428.6	3122.1
32.5°	6505.1	6240.2	5955.3	5651.1	5331.1	5003.4	4671.0	4333.4	3993.6	3665.8	3339.3
30°	6967.8	6674.4	6365.7	6037.1	5690.1	5333.3	4973.2	4615.5	4253.5	3892.7	3547.3
27.5°	7421.0	7100.9	6765.4	6410.1	6039.5	5656.6	5269.7	4887.9	4501.8	4118.2	3745.8
25°	7862.1	7516.4	7146.4	6766.9	6373.9	5965.8	5550.0	5146.0	4742.8	4332.4	3923.9
22.5°	8286.7	7908.2	7509.4	7103.5	6690.0	6261.2	5817.7	5382.4	4965.2	4524.4	4097.6
20°	8678.1	8271.8	7845.9	7418.3	6981.1	6542.4	6067.2	5604.1	5155.3	4702.8	4255.0
17.5°	9025.5	8612.7	8165.9	7715.3	7249.8	6787.8	6300.4	5805.9	5330.3	4861.2	4393.5
15°	9331.6	8919.2	8466.8	7991.5	7494.6	6990.0	6497.8	5984.3	5489.8	5001.4	4521.6
12.5°	9609.7	9177.8	8726.0	8223.4	7695.9	7169.5	6657.7	6140.5	5631.7	5129.5	4636.8
10°	9859.2	9389.7	8911.7	8402.4	7864.3	7321.0	6793.9	6271.9	5752.4	5239.3	4731.8
7.5°	10030.2	9546.9	9053.0	8545.4	8006.4	7454.6	6911.7	6377.4	5846.5	5326.7	4805.9
5°	10156.5	9671.0	9175.5	8660.8	8116.8	7554.4	6998.5	6454.0	5913.5	5390.7	4858.7
2.5°	10253.5	9755.8	9259.1	8733.0	8188.3	7621.8	7060.7	6511.5	5966.7	5437.5	4905.4
0°	10322.2	9787.5	9307.2	8790.6	8233.3	7662.4	7100.5	6547.7	5999.4	5460.2	4930.0
-2.5°	10253.5	9755.8	9259.1	8733.0	8188.3	7621.8	7060.7	6511.5	5966.7	5437.5	4905.4
-5°	10156.5	9671.0	9175.5	8660.8	8116.8	7554.4	6998.5	6454.0	5913.5	5390.7	4858.7
-7.5°	10030.2	9546.9	9053.0	8545.4	8006.4	7454.6	6911.7	6377.4	5846.5	5326.7	4805.9
-10°	9859.2	9389.7	8911.7	8402.4	7864.3	7321.0	6793.9	6271.9	5752.4	5239.3	4731.8
-12.5°	9609.7	9177.8	8726.0	8223.4	7695.9	7169.5	6657.7	6140.5	5631.7	5129.5	4636.8
-15°	9331.6	8919.2	8466.8	7991.5	7494.6	6990.0	6497.8	5984.3	5489.8	5001.4	4521.6
-17.5°	9025.5	8612.7	8165.9	7715.3	7249.8	6787.8	6300.4	5805.9	5330.3	4861.2	4393.5
-20°	8678.1	8271.8	7845.9	7418.3	6981.1	6542.4	6067.2	5604.1	5155.3	4702.8	4255.0



REPORT NUMBER: P627791 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-722-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	8286.7	7908.2	7509.4	7103.5	6690.0	6261.2	5817.7	5382.4	4965.2	4524.4	4097.6
-25°	7862.1	7516.4	7146.4	6766.9	6373.9	5965.8	5550.0	5146.0	4742.8	4332.4	3923.9
-27.5°	7421.0	7100.9	6765.4	6410.1	6039.5	5656.6	5269.7	4887.9	4501.8	4118.2	3745.8
-30°	6967.8	6674.4	6365.7	6037.1	5690.1	5333.3	4973.2	4615.5	4253.5	3892.7	3547.3
-32.5°	6505.1	6240.2	5955.3	5651.1	5331.1	5003.4	4671.0	4333.4	3993.6	3665.8	3339.3
-35°	6046.4	5801.8	5537.6	5259.7	4969.0	4667.9	4358.7	4046.1	3735.7	3428.6	3122.1
-37.5°	5583.5	5360.1	5120.6	4866.2	4602.1	4327.0	4045.2	3759.7	3471.2	3187.3	2904.3
-40°	5132.2	4925.4	4704.4	4473.3	4237.5	3989.3	3733.1	3469.4	3207.7	2944.0	2683.1
-42.5°	4691.0	4499.8	4297.1	4095.0	3878.7	3653.4	3419.4	3182.3	2941.4	2701.5	2470.9
-45°	4248.0	4078.1	3902.8	3718.9	3520.7	3319.5	3109.8	2894.6	2675.4	2467.4	2256.4
-47.5°	3807.7	3669.9	3513.5	3346.6	3173.2	2990.8	2803.9	2607.3	2425.1	2235.9	2055.9
-50°	3407.0	3279.8	3139.1	2988.3	2836.8	2673.5	2509.2	2345.8	2181.0	2018.0	1859.5
-52.5°	3012.5	2901.5	2779.4	2648.1	2512.0	2371.0	2227.4	2091.5	1946.1	1813.1	1680.9
-55°	2629.9	2537.2	2431.9	2316.3	2196.6	2088.2	1970.0	1851.7	1740.0	1622.5	1513.1
-57.5°	2270.7	2192.2	2108.3	2018.7	1923.9	1830.3	1735.9	1638.3	1545.6	1448.7	1349.5
-60°	1946.7	1883.0	1818.7	1748.4	1672.1	1592.0	1519.1	1441.5	1359.5	1280.1	1192.3
-62.5°	1654.5	1611.6	1555.7	1499.1	1441.2	1381.6	1317.4	1253.6	1188.7	1118.5	1038.6
-65°	1378.7	1345.0	1303.9	1264.8	1222.1	1175.7	1123.3	1071.4	1017.1	957.6	886.5
-67.5°	1127.9	1104.6	1076.3	1046.0	1015.5	979.7	938.7	893.9	849.6	800.0	744.0
-70°	915.9	900.8	880.7	855.7	831.1	805.4	774.9	738.2	695.2	650.6	609.7
-72.5°	744.3	734.7	721.3	702.9	681.1	657.9	629.4	596.0	559.1	518.7	482.0
-75°	603.0	598.8	590.2	571.5	549.0	522.6	495.3	465.1	429.8	389.3	354.6
-77.5°	478.2	478.8	474.9	454.5	432.1	407.6	379.7	345.3	310.9	276.1	249.6
-80°	351.2	353.5	351.2	330.8	310.0	289.0	266.8	238.3	209.4	181.9	161.3
-82.5°	217.9	216.9	213.8	201.5	189.1	176.6	163.5	143.9	124.8	106.1	89.8
-85°	103.7	99.7	95.4	90.8	86.1	81.1	75.7	66.4	57.7	49.6	42.6
-87.5°	17.0	16.7	16.4	16.1	15.7	15.3	14.8	14.4	13.9	13.3	12.8
-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: P627791 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-722-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°	13.0	13.1	13.1	13.0	11.6	10.2	8.9	7.6	6.9	6.2	5.4
85°	42.8	41.8	39.6	35.9	28.3	20.3	17.7	15.3	13.8	12.4	10.9
82.5°	89.5	90.4	90.3	87.7	77.4	66.5	55.1	43.3	32.1	20.4	16.3
80°	161.5	159.8	156.0	148.7	131.7	112.6	98.2	83.3	68.7	53.4	37.6
77.5°	244.2	237.3	228.7	219.1	201.1	180.0	155.7	128.3	105.0	86.3	66.8
75°	336.7	325.6	313.6	297.5	274.4	248.0	221.3	189.3	153.7	120.1	95.7
72.5°	452.6	425.7	401.7	379.1	354.0	324.5	290.5	249.2	206.0	165.2	126.9
70°	570.0	529.7	493.7	462.9	432.7	401.8	364.5	313.6	257.4	209.3	164.2
67.5°	689.2	641.5	593.3	547.2	509.2	472.8	436.8	377.6	313.2	252.4	200.7
65°	820.8	757.2	695.9	638.9	587.3	541.8	499.6	437.6	367.3	299.0	236.1
62.5°	956.4	875.2	802.7	730.0	665.7	610.4	559.6	491.1	419.1	344.1	273.2
60°	1098.8	1006.4	910.1	825.2	746.3	676.4	614.8	544.0	467.5	387.5	310.0
57.5°	1248.9	1140.2	1031.9	924.7	830.0	746.1	668.7	594.1	515.1	430.2	344.3
55°	1400.9	1283.8	1155.8	1034.8	918.7	818.9	725.6	642.2	561.0	472.2	373.9
52.5°	1553.1	1424.5	1287.1	1147.4	1017.3	892.4	788.2	689.1	603.4	513.3	404.7
50°	1712.3	1564.8	1417.6	1266.7	1115.5	978.6	848.6	742.8	644.4	552.3	433.9
47.5°	1878.0	1713.6	1549.8	1384.9	1222.8	1061.1	919.2	795.4	684.2	587.6	461.1
45°	2059.6	1867.4	1686.1	1507.8	1324.4	1150.2	990.7	845.7	729.1	615.1	486.2
42.5°	2241.1	2029.8	1827.1	1628.7	1430.8	1238.7	1058.4	905.0	772.1	641.4	509.2
40°	2434.2	2192.7	1968.0	1752.8	1534.7	1322.9	1133.5	962.7	812.4	668.7	531.1
37.5°	2621.9	2359.6	2112.7	1871.2	1636.4	1413.9	1205.6	1016.9	850.7	699.4	551.8
35°	2820.5	2527.4	2246.6	1990.4	1741.2	1500.1	1273.1	1071.5	894.7	729.3	571.3
32.5°	3012.5	2691.4	2390.3	2108.0	1841.3	1581.4	1342.6	1129.3	937.1	758.3	589.5
30°	3201.1	2856.0	2527.9	2219.1	1938.2	1666.7	1412.3	1183.3	977.5	786.3	607.8
27.5°	3375.0	3008.5	2659.9	2334.1	2033.4	1747.6	1478.1	1233.5	1015.9	815.1	629.0
25°	3537.0	3155.2	2790.0	2444.6	2121.8	1824.2	1538.8	1279.9	1055.0	845.2	648.6
22.5°	3689.0	3291.4	2907.9	2546.5	2203.7	1894.5	1597.8	1329.2	1092.0	872.8	666.7
20°	3827.1	3414.0	3013.4	2638.8	2283.3	1961.5	1654.7	1373.5	1125.1	897.9	682.9
17.5°	3951.6	3526.1	3114.2	2725.1	2357.5	2021.1	1705.2	1412.6	1154.1	920.3	697.2
15°	4067.1	3628.1	3203.3	2800.5	2421.7	2072.9	1749.1	1446.3	1179.0	939.8	710.8
12.5°	4166.4	3715.5	3278.9	2864.5	2475.8	2116.8	1786.3	1474.4	1199.7	957.3	723.6
10°	4248.1	3787.7	3340.6	2916.8	2519.6	2152.6	1816.5	1498.2	1219.1	972.5	733.5
7.5°	4311.8	3844.3	3388.1	2957.2	2554.3	2182.5	1842.2	1518.7	1234.7	984.2	740.4
5°	4360.0	3888.5	3429.5	2991.1	2586.2	2206.6	1860.9	1533.4	1246.0	992.3	744.3
2.5°	4402.8	3921.6	3462.0	3013.0	2607.9	2222.4	1872.1	1542.3	1252.9	996.5	745.2
0°	4427.0	3937.7	3480.0	3022.4	2619.1	2229.4	1875.9	1545.2	1255.2	996.9	743.1
-2.5°	4402.8	3921.6	3462.0	3013.0	2607.9	2222.4	1872.1	1542.3	1252.9	996.5	745.2
-5°	4360.0	3888.5	3429.5	2991.1	2586.2	2206.6	1860.9	1533.4	1246.0	992.3	744.3
-7.5°	4311.8	3844.3	3388.1	2957.2	2554.3	2182.5	1842.2	1518.7	1234.7	984.2	740.4
-10°	4248.1	3787.7	3340.6	2916.8	2519.6	2152.6	1816.5	1498.2	1219.1	972.5	733.5
-12.5°	4166.4	3715.5	3278.9	2864.5	2475.8	2116.8	1786.3	1474.4	1199.7	957.3	723.6
-15°	4067.1	3628.1	3203.3	2800.5	2421.7	2072.9	1749.1	1446.3	1179.0	939.8	710.8
-17.5°	3951.6	3526.1	3114.2	2725.1	2357.5	2021.1	1705.2	1412.6	1154.1	920.3	697.2
-20°	3827.1	3414.0	3013.4	2638.8	2283.3	1961.5	1654.7	1373.5	1125.1	897.9	682.9



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CATALOG NUMBER: GFLD-SA6B-722-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	3689.0	3291.4	2907.9	2546.5	2203.7	1894.5	1597.8	1329.2	1092.0	872.8	666.7
-25°	3537.0	3155.2	2790.0	2444.6	2121.8	1824.2	1538.8	1279.9	1055.0	845.2	648.6
-27.5°	3375.0	3008.5	2659.9	2334.1	2033.4	1747.6	1478.1	1233.5	1015.9	815.1	629.0
-30°	3201.1	2856.0	2527.9	2219.1	1938.2	1666.7	1412.3	1183.3	977.5	786.3	607.8
-32.5°	3012.5	2691.4	2390.3	2108.0	1841.3	1581.4	1342.6	1129.3	937.1	758.3	589.5
-35°	2820.5	2527.4	2246.6	1990.4	1741.2	1500.1	1273.1	1071.5	894.7	729.3	571.3
-37.5°	2621.9	2359.6	2112.7	1871.2	1636.4	1413.9	1205.6	1016.9	850.7	699.4	551.8
-40°	2434.2	2192.7	1968.0	1752.8	1534.7	1322.9	1133.5	962.7	812.4	668.7	531.1
-42.5°	2241.1	2029.8	1827.1	1628.7	1430.8	1238.7	1058.4	905.0	772.1	641.4	509.2
-45°	2059.6	1867.4	1686.1	1507.8	1324.4	1150.2	990.7	845.7	729.1	615.1	486.2
-47.5°	1878.0	1713.6	1549.8	1384.9	1222.8	1061.1	919.2	795.4	684.2	587.6	461.1
-50°	1712.3	1564.8	1417.6	1266.7	1115.5	978.6	848.6	742.8	644.4	552.3	433.9
-52.5°	1553.1	1424.5	1287.1	1147.4	1017.3	892.4	788.2	689.1	603.4	513.3	404.7
-55°	1400.9	1283.8	1155.8	1034.8	918.7	818.9	725.6	642.2	561.0	472.2	373.9
-57.5°	1248.9	1140.2	1031.9	924.7	830.0	746.1	668.7	594.1	515.1	430.2	344.3
-60°	1098.8	1006.4	910.1	825.2	746.3	676.4	614.8	544.0	467.5	387.5	310.0
-62.5°	956.4	875.2	802.7	730.0	665.7	610.4	559.6	491.1	419.1	344.1	273.2
-65°	820.8	757.2	695.9	638.9	587.3	541.8	499.6	437.6	367.3	299.0	236.1
-67.5°	689.2	641.5	593.3	547.2	509.2	472.8	436.8	377.6	313.2	252.4	200.7
-70°	570.0	529.7	493.7	462.9	432.7	401.8	364.5	313.6	257.4	209.3	164.2
-72.5°	452.6	425.7	401.7	379.1	354.0	324.5	290.5	249.2	206.0	165.2	126.9
-75°	336.7	325.6	313.6	297.5	274.4	248.0	221.3	189.3	153.7	120.1	95.7
-77.5°	244.2	237.3	228.7	219.1	201.1	180.0	155.7	128.3	105.0	86.3	66.8
-80°	161.5	159.8	156.0	148.7	131.7	112.6	98.2	83.3	68.7	53.4	37.6
-82.5°	89.5	90.4	90.3	87.7	77.4	66.5	55.1	43.3	32.1	20.4	16.3
-85°	42.8	41.8	39.6	35.9	28.3	20.3	17.7	15.3	13.8	12.4	10.9
-87.5°	13.0	13.1	13.1	13.0	11.6	10.2	8.9	7.6	6.9	6.2	5.4
-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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CATALOG NUMBER: GFLD-SA6B-722-U-VWR-XX

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°	4.7	3.9	3.1	2.4	1.6	0.7	0.0
85°	9.4	7.8	6.3	4.7	3.1	1.4	0.0
82.5°	14.0	11.7	9.4	7.1	4.7	2.1	0.0
80°	21.1	15.6	12.5	9.4	6.3	2.7	0.0
77.5°	46.0	24.5	15.6	11.7	7.8	3.4	0.0
75°	70.3	42.3	20.3	14.0	9.3	4.1	0.0
72.5°	93.8	59.7	32.4	16.3	10.7	4.7	0.0
70°	117.3	76.5	44.1	19.5	12.2	5.4	0.0
67.5°	145.6	92.5	55.4	26.7	13.6	6.0	0.0
65°	172.6	110.5	66.1	33.7	14.9	6.6	0.0
62.5°	198.2	130.2	76.3	40.3	16.2	7.2	0.0
60°	222.4	148.8	85.8	46.6	17.5	7.8	0.0
57.5°	247.8	166.3	98.6	52.5	21.0	8.3	0.0
55°	271.9	182.5	110.7	58.0	24.5	8.9	0.0
52.5°	294.3	198.0	122.0	63.1	27.8	9.4	0.0
50°	314.7	214.4	132.4	67.8	30.9	9.8	0.0
47.5°	333.9	229.3	141.8	72.6	34.0	10.3	0.0
45°	355.2	242.8	150.4	78.9	36.9	10.7	0.0
42.5°	374.7	254.9	157.9	84.6	39.6	11.1	0.0
40°	392.4	265.4	165.5	90.4	42.1	11.5	0.0
37.5°	408.3	274.3	173.0	96.2	44.5	11.9	0.0
35°	422.2	284.7	179.5	101.5	46.8	12.2	0.0
32.5°	435.2	295.0	184.9	106.5	48.8	12.5	0.0
30°	448.7	303.9	189.2	111.0	50.7	12.8	0.0
27.5°	460.8	311.2	195.7	115.1	52.4	13.0	0.0
25°	471.4	317.0	201.8	118.8	53.9	13.2	0.0
22.5°	480.5	322.8	207.1	122.0	55.2	13.4	0.0
20°	488.0	330.9	211.7	124.8	56.4	13.5	0.0
17.5°	497.4	337.4	215.6	127.2	57.3	13.6	0.0
15°	507.2	342.5	218.7	129.1	58.1	13.7	0.0
12.5°	515.2	346.2	221.1	130.6	58.7	13.8	0.0
10°	521.2	348.5	222.7	131.6	59.1	13.8	0.0
7.5°	525.4	349.4	223.6	132.2	59.3	13.8	0.0
5°	527.5	349.0	223.8	132.3	59.3	13.7	0.0
2.5°	527.6	347.3	223.3	132.1	59.2	13.7	0.0
0°	525.6	344.4	222.0	131.4	58.9	13.6	0.0
-2.5°	527.6	347.3	223.3	132.1	59.2	13.7	0.0
-5°	527.5	349.0	223.8	132.3	59.3	13.7	0.0
-7.5°	525.4	349.4	223.6	132.2	59.3	13.8	0.0
-10°	521.2	348.5	222.7	131.6	59.1	13.8	0.0
-12.5°	515.2	346.2	221.1	130.6	58.7	13.8	0.0
-15°	507.2	342.5	218.7	129.1	58.1	13.7	0.0
-17.5°	497.4	337.4	215.6	127.2	57.3	13.6	0.0
-20°	488.0	330.9	211.7	124.8	56.4	13.5	0.0

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CATALOG NUMBER: GFLD-SA6B-722-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	480.5	322.8	207.1	122.0	55.2	13.4	0.0
-25°	471.4	317.0	201.8	118.8	53.9	13.2	0.0
-27.5°	460.8	311.2	195.7	115.1	52.4	13.0	0.0
-30°	448.7	303.9	189.2	111.0	50.7	12.8	0.0
-32.5°	435.2	295.0	184.9	106.5	48.8	12.5	0.0
-35°	422.2	284.7	179.5	101.5	46.8	12.2	0.0
-37.5°	408.3	274.3	173.0	96.2	44.5	11.9	0.0
-40°	392.4	265.4	165.5	90.4	42.1	11.5	0.0
-42.5°	374.7	254.9	157.9	84.6	39.6	11.1	0.0
-45°	355.2	242.8	150.4	78.9	36.9	10.7	0.0
-47.5°	333.9	229.3	141.8	72.6	34.0	10.3	0.0
-50°	314.7	214.4	132.4	67.8	30.9	9.8	0.0
-52.5°	294.3	198.0	122.0	63.1	27.8	9.4	0.0
-55°	271.9	182.5	110.7	58.0	24.5	8.9	0.0
-57.5°	247.8	166.3	98.6	52.5	21.0	8.3	0.0
-60°	222.4	148.8	85.8	46.6	17.5	7.8	0.0
-62.5°	198.2	130.2	76.3	40.3	16.2	7.2	0.0
-65°	172.6	110.5	66.1	33.7	14.9	6.6	0.0
-67.5°	145.6	92.5	55.4	26.7	13.6	6.0	0.0
-70°	117.3	76.5	44.1	19.5	12.2	5.4	0.0
-72.5°	93.8	59.7	32.4	16.3	10.7	4.7	0.0
-75°	70.3	42.3	20.3	14.0	9.3	4.1	0.0
-77.5°	46.0	24.5	15.6	11.7	7.8	3.4	0.0
-80°	21.1	15.6	12.5	9.4	6.3	2.7	0.0
-82.5°	14.0	11.7	9.4	7.1	4.7	2.1	0.0
-85°	9.4	7.8	6.3	4.7	3.1	1.4	0.0
-87.5°	4.7	3.9	3.1	2.4	1.6	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)