

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: P627703 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5D-735-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627703 (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-SA5D-735-U-WR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N122
Light Source: (80) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

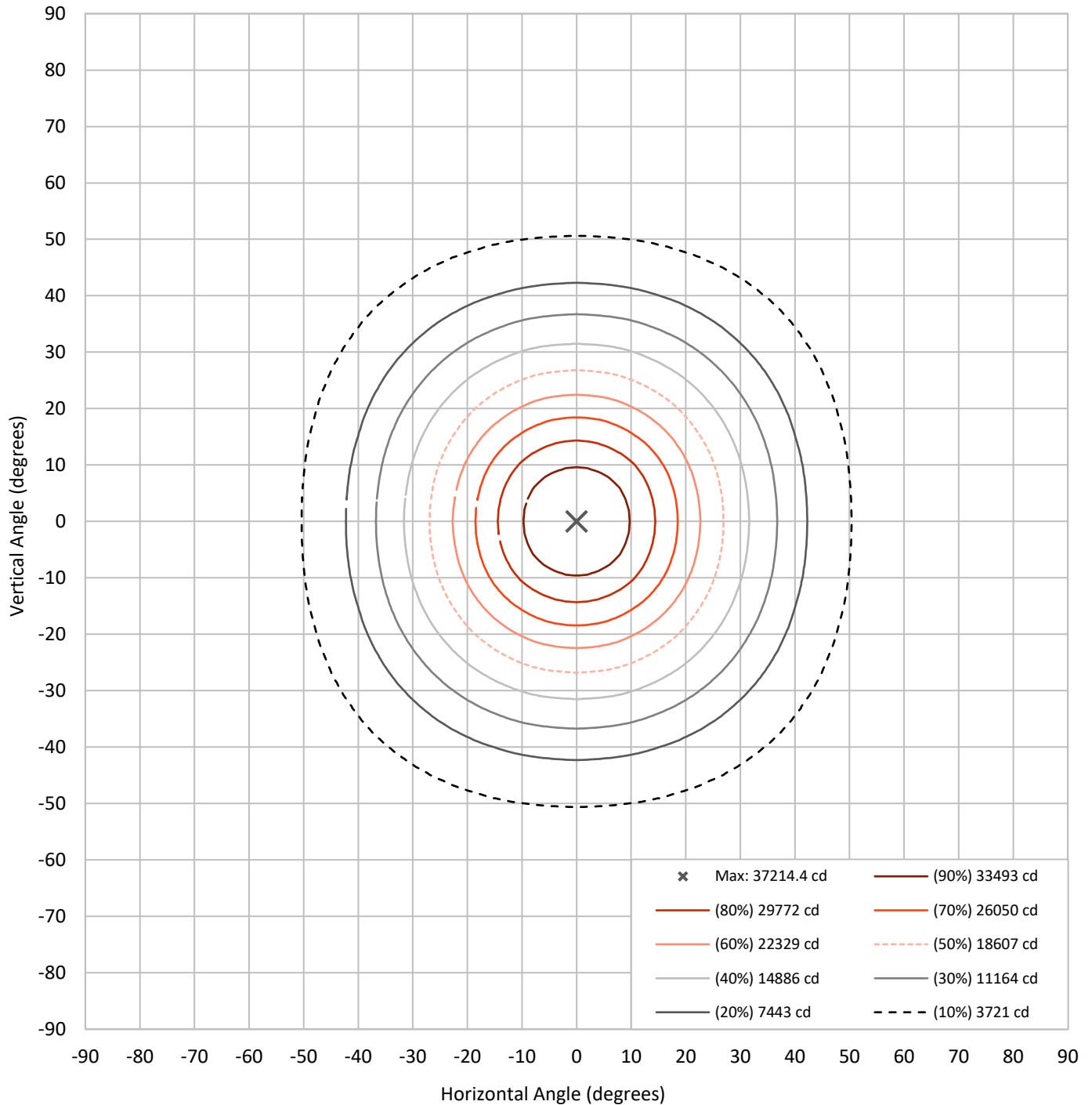
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	37875.6 lumens	Max Intensity:	37214.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	139.6 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:	18109.8 lumens	Field Lumens:	33426.5 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	271.3		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





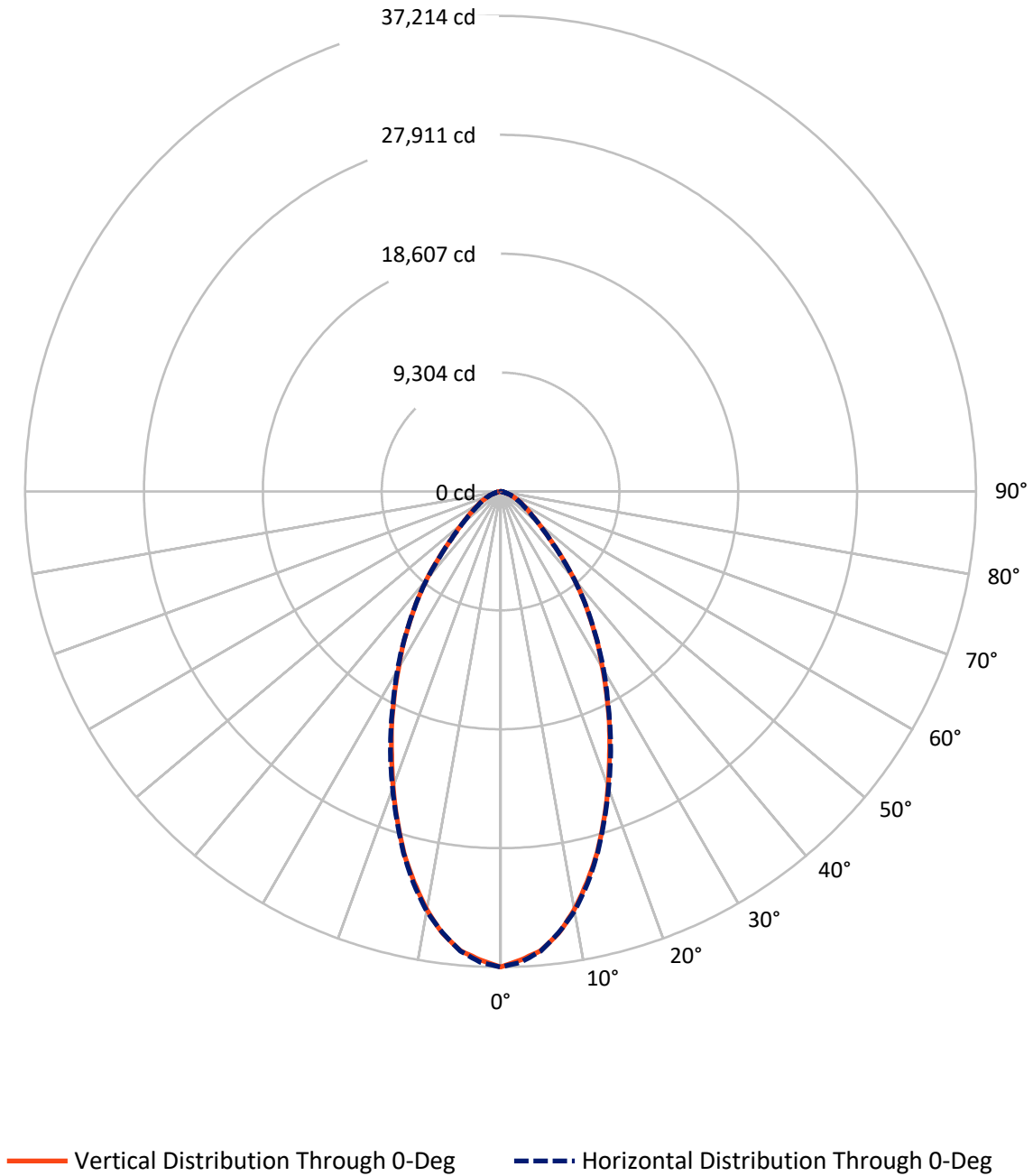
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Lumen Table

90																
80	1.5	10.4		23.8		39.6		34.0		39.6		23.8		10.4		1.5
70																
60	4.9	5.8	10.9	17.4	25.2	32.8	38.5	41.2	41.2	38.5	32.8	25.2	17.4	10.9	5.8	4.9
50		8.1	16.4	28.4	43.6	60.0	74.8	83.4	83.4	74.8	60.0	43.6	28.4	16.4	8.1	
40	7.2	10.4	22.7	42.4	71.5	109.9	151.6	179.3	179.3	151.6	109.9	71.5	42.4	22.7	10.4	7.2
30		12.7	29.7	61.7	120.0	213.1	309.7	367.4	367.4	309.7	213.1	120.0	61.7	29.7	12.7	
20	8.6	14.8	37.0	86.3	194.1	348.8	499.2	596.7	596.7	499.2	348.8	194.1	86.3	37.0	14.8	8.6
10		16.5	43.4	111.9	264.9	471.0	695.5	855.6	855.6	695.5	471.0	264.9	111.9	43.4	16.5	
0	9.0	17.3	47.1	128.6	304.9	547.7	833.4	1048.0	1048.0	833.4	547.7	304.9	128.6	47.1	17.3	9.0
-10		17.3	47.1	128.6	304.9	547.7	833.4	1048.0	1048.0	833.4	547.7	304.9	128.6	47.1	17.3	
-20	8.6	16.5	43.4	111.9	264.9	471.0	695.5	855.6	855.6	695.5	471.0	264.9	111.9	43.4	16.5	8.6
-30		14.8	37.0	86.3	194.1	348.8	499.2	596.7	596.7	499.2	348.8	194.1	86.3	37.0	14.8	
-40	7.2	12.7	29.7	61.7	120.0	213.1	309.7	367.4	367.4	309.7	213.1	120.0	61.7	29.7	12.7	7.2
-50		10.4	22.7	42.4	71.5	109.9	151.6	179.3	179.3	151.6	109.9	71.5	42.4	22.7	10.4	
-60	4.9	8.1	16.4	28.4	43.6	60.0	74.8	83.4	83.4	74.8	60.0	43.6	28.4	16.4	8.1	4.9
-70		5.8	10.9	17.4	25.2	32.8	38.5	41.2	41.2	38.5	32.8	25.2	17.4	10.9	5.8	
-80																
-90	1.5	10.4		23.8		39.6		34.0		39.6		23.8		10.4		1.5
Horizontal Angle (degrees)																

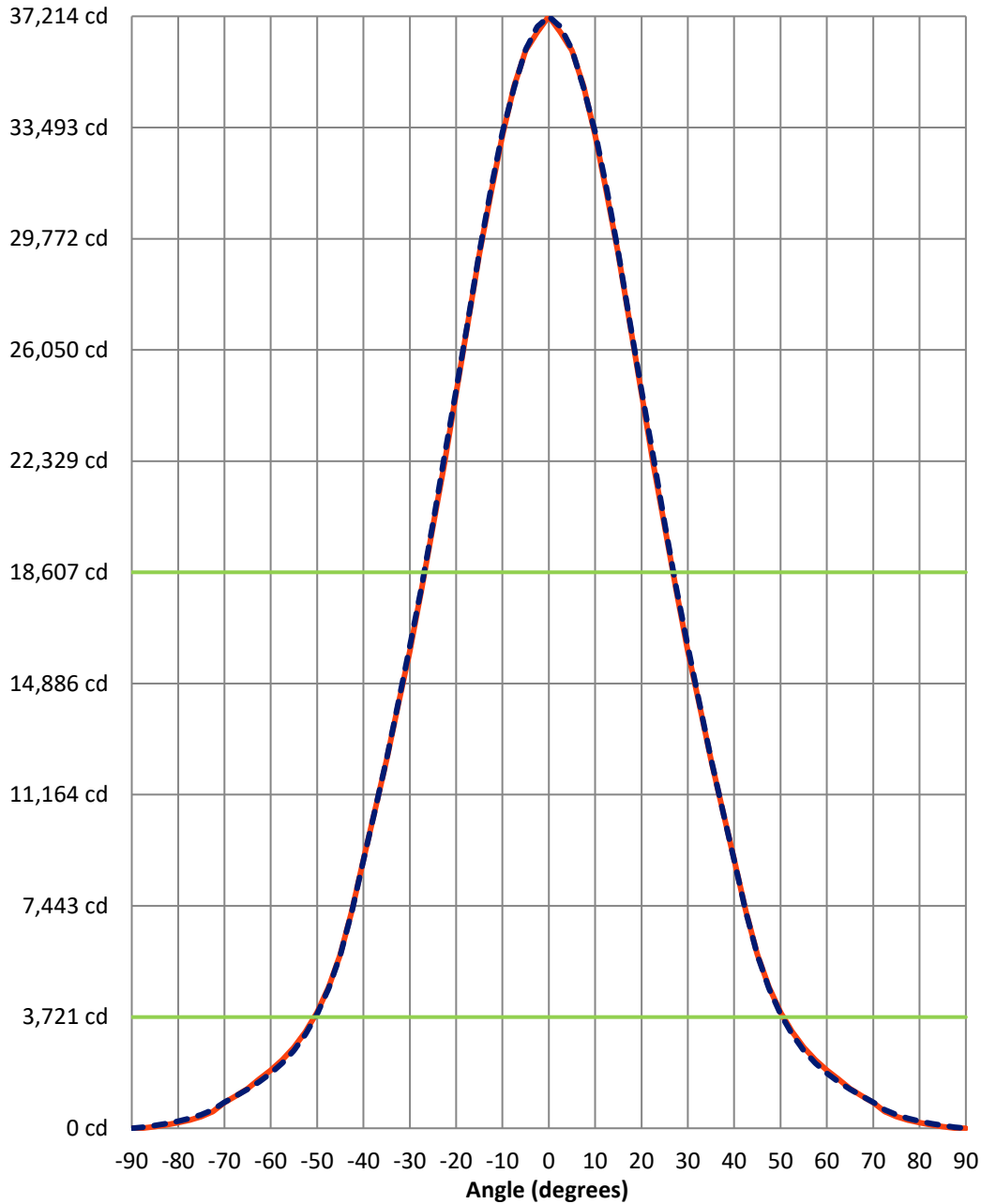
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 18109.8
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 33426.5
 Efficiency: 88.3%

Spill:
 Lumens: 4449
 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	1.9	4.4	7.1	10.3	13.8	17.7	19.6	21.1	22.4	23.3
85°	0.0	3.8	8.7	14.2	20.5	27.5	35.3	39.2	42.3	44.8	46.7
82.5°	0.0	5.7	13.0	21.3	30.7	41.2	52.8	58.7	64.7	75.0	84.1
80°	0.0	7.5	17.3	28.3	40.7	54.7	71.7	89.1	104.2	117.8	129.7
77.5°	0.0	9.4	21.5	35.1	50.6	71.1	102.3	124.9	143.7	160.5	177.3
75°	0.0	11.2	25.6	41.9	61.3	93.0	132.1	160.5	183.1	206.0	230.5
72.5°	0.0	13.0	29.7	48.6	76.0	114.1	161.0	195.5	222.7	251.9	283.0
70°	0.0	14.7	33.6	55.5	90.1	134.5	188.3	228.6	261.6	297.0	338.6
67.5°	0.0	16.4	37.5	64.1	103.6	153.9	212.0	261.0	299.7	343.6	393.5
65°	0.0	18.1	41.2	72.4	116.4	171.8	234.6	292.6	337.4	388.6	445.5
62.5°	0.0	19.7	44.8	80.2	128.6	188.1	256.0	322.6	373.5	431.6	493.9
60°	0.0	21.3	48.2	87.5	139.9	203.5	275.9	351.0	407.9	473.3	540.8
57.5°	0.0	22.8	52.4	94.4	150.4	217.8	294.0	376.6	442.7	513.6	584.0
55°	0.0	24.2	56.4	100.8	160.2	230.9	310.6	397.0	476.8	552.2	625.3
52.5°	0.0	25.6	60.3	106.6	169.2	243.0	325.9	419.2	509.5	589.0	665.8
50°	0.0	26.9	64.0	111.8	177.4	254.1	339.7	440.1	541.0	624.9	710.1
47.5°	0.0	28.1	67.5	116.6	184.7	264.0	352.5	459.1	572.2	659.8	753.7
45°	0.0	29.3	70.8	121.3	191.1	272.9	367.0	476.1	594.5	697.6	795.8
42.5°	0.0	30.4	74.0	125.5	196.7	280.5	379.8	492.9	614.9	734.0	839.5
40°	0.0	31.4	76.9	130.1	201.7	287.0	391.1	509.1	635.2	767.8	881.6
37.5°	0.0	32.4	79.7	134.8	206.1	292.3	400.8	523.8	657.3	794.5	921.6
35°	0.0	33.2	82.3	139.1	209.7	298.3	408.8	536.9	678.6	823.9	962.6
32.5°	0.0	34.0	84.6	143.1	212.5	304.0	416.1	548.3	698.8	853.7	1004.4
30°	0.0	34.7	86.7	146.6	214.5	308.4	424.3	559.5	717.9	883.8	1043.9
27.5°	0.0	35.3	88.6	149.7	219.0	311.5	431.0	573.4	737.9	914.0	1080.9
25°	0.0	35.9	90.3	152.5	223.4	313.4	436.2	585.8	760.2	943.6	1115.4
22.5°	0.0	36.3	91.8	154.8	227.3	315.8	439.9	596.7	781.5	970.8	1153.2
20°	0.0	36.7	93.0	156.7	230.6	321.6	442.0	605.9	801.5	995.2	1187.0
17.5°	0.0	37.0	94.0	158.2	233.4	326.3	447.0	613.4	819.9	1016.8	1216.7
15°	0.0	37.2	94.8	159.3	235.7	330.0	452.9	620.4	836.5	1035.4	1242.2
12.5°	0.0	37.3	95.3	160.1	237.3	332.7	457.2	626.8	850.5	1050.9	1263.5
10°	0.0	37.4	95.7	160.4	238.4	334.4	459.9	630.3	861.5	1063.8	1280.7
7.5°	0.0	37.3	95.8	160.3	238.8	335.1	461.0	631.1	869.1	1073.8	1294.1
5°	0.0	37.2	95.6	159.8	238.7	334.8	460.5	629.2	873.3	1080.6	1303.0
2.5°	0.0	37.1	95.3	159.0	238.0	333.6	458.5	624.8	873.9	1083.9	1307.4
0°	0.0	36.8	94.7	157.8	236.7	331.4	455.0	618.1	870.6	1083.6	1307.2
-2.5°	0.0	37.1	95.3	159.0	238.0	333.6	458.5	624.8	873.9	1083.9	1307.4
-5°	0.0	37.2	95.6	159.8	238.7	334.8	460.5	629.2	873.3	1080.6	1303.0
-7.5°	0.0	37.3	95.8	160.3	238.8	335.1	461.0	631.1	869.1	1073.8	1294.1
-10°	0.0	37.4	95.7	160.4	238.4	334.4	459.9	630.3	861.5	1063.8	1280.7
-12.5°	0.0	37.3	95.3	160.1	237.3	332.7	457.2	626.8	850.5	1050.9	1263.5
-15°	0.0	37.2	94.8	159.3	235.7	330.0	452.9	620.4	836.5	1035.4	1242.2
-17.5°	0.0	37.0	94.0	158.2	233.4	326.3	447.0	613.4	819.9	1016.8	1216.7
-20°	0.0	36.7	93.0	156.7	230.6	321.6	442.0	605.9	801.5	995.2	1187.0

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA5D-735-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	36.3	91.8	154.8	227.3	315.8	439.9	596.7	781.5	970.8	1153.2
-25°	0.0	35.9	90.3	152.5	223.4	313.4	436.2	585.8	760.2	943.6	1115.4
-27.5°	0.0	35.3	88.6	149.7	219.0	311.5	431.0	573.4	737.9	914.0	1080.9
-30°	0.0	34.7	86.7	146.6	214.5	308.4	424.3	559.5	717.9	883.8	1043.9
-32.5°	0.0	34.0	84.6	143.1	212.5	304.0	416.1	548.3	698.8	853.7	1004.4
-35°	0.0	33.2	82.3	139.1	209.7	298.3	408.8	536.9	678.6	823.9	962.6
-37.5°	0.0	32.4	79.7	134.8	206.1	292.3	400.8	523.8	657.3	794.5	921.6
-40°	0.0	31.4	76.9	130.1	201.7	287.0	391.1	509.1	635.2	767.8	881.6
-42.5°	0.0	30.4	74.0	125.5	196.7	280.5	379.8	492.9	614.9	734.0	839.5
-45°	0.0	29.3	70.8	121.3	191.1	272.9	367.0	476.1	594.5	697.6	795.8
-47.5°	0.0	28.1	67.5	116.6	184.7	264.0	352.5	459.1	572.2	659.8	753.7
-50°	0.0	26.9	64.0	111.8	177.4	254.1	339.7	440.1	541.0	624.9	710.1
-52.5°	0.0	25.6	60.3	106.6	169.2	243.0	325.9	419.2	509.5	589.0	665.8
-55°	0.0	24.2	56.4	100.8	160.2	230.9	310.6	397.0	476.8	552.2	625.3
-57.5°	0.0	22.8	52.4	94.4	150.4	217.8	294.0	376.6	442.7	513.6	584.0
-60°	0.0	21.3	48.2	87.5	139.9	203.5	275.9	351.0	407.9	473.3	540.8
-62.5°	0.0	19.7	44.8	80.2	128.6	188.1	256.0	322.6	373.5	431.6	493.9
-65°	0.0	18.1	41.2	72.4	116.4	171.8	234.6	292.6	337.4	388.6	445.5
-67.5°	0.0	16.4	37.5	64.1	103.6	153.9	212.0	261.0	299.7	343.6	393.5
-70°	0.0	14.7	33.6	55.5	90.1	134.5	188.3	228.6	261.6	297.0	338.6
-72.5°	0.0	13.0	29.7	48.6	76.0	114.1	161.0	195.5	222.7	251.9	283.0
-75°	0.0	11.2	25.6	41.9	61.3	93.0	132.1	160.5	183.1	206.0	230.5
-77.5°	0.0	9.4	21.5	35.1	50.6	71.1	102.3	124.9	143.7	160.5	177.3
-80°	0.0	7.5	17.3	28.3	40.7	54.7	71.7	89.1	104.2	117.8	129.7
-82.5°	0.0	5.7	13.0	21.3	30.7	41.2	52.8	58.7	64.7	75.0	84.1
-85°	0.0	3.8	8.7	14.2	20.5	27.5	35.3	39.2	42.3	44.8	46.7
-87.5°	0.0	1.9	4.4	7.1	10.3	13.8	17.7	19.6	21.1	22.4	23.3
-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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CATALOG NUMBER: GFLD-SA5D-735-U-WR-XX

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°	23.7	23.7	23.3	22.7	21.7	20.3	18.7	16.8	17.5	18.2	18.8
85°	47.4	47.5	51.4	55.0	56.7	56.9	55.8	53.4	60.3	68.3	76.7
82.5°	92.6	100.6	108.2	115.4	116.1	114.3	110.7	106.6	120.7	137.7	155.5
80°	141.9	153.8	167.5	180.2	183.2	181.9	177.9	171.4	190.0	216.2	244.5
77.5°	197.0	215.8	233.3	249.4	254.0	253.4	250.4	245.2	268.8	305.1	342.9
75°	255.1	277.8	300.4	320.2	328.7	329.4	328.4	333.9	365.0	407.5	445.1
72.5°	315.6	344.5	370.0	391.8	405.5	415.8	429.6	446.5	477.9	519.6	556.4
70°	379.5	411.7	438.6	462.8	483.6	506.3	535.5	564.3	597.4	639.1	677.3
67.5°	442.7	475.3	505.6	535.3	573.4	609.8	646.0	683.7	725.4	769.2	807.9
65°	501.2	538.1	575.0	618.2	667.6	708.9	753.6	802.7	857.3	906.5	951.4
62.5°	557.3	598.9	644.6	696.9	750.4	802.1	862.0	925.1	988.8	1050.6	1111.9
60°	604.7	656.5	712.0	771.0	832.8	903.1	973.4	1048.4	1124.6	1199.0	1274.9
57.5°	650.3	714.4	778.3	847.1	924.0	1004.4	1088.8	1173.3	1264.4	1354.4	1440.5
55°	697.6	773.1	845.9	927.3	1015.5	1110.0	1205.3	1307.7	1408.3	1521.7	1626.4
52.5°	748.3	830.3	915.9	1009.0	1112.1	1218.6	1330.3	1447.7	1573.0	1699.1	1826.9
50°	797.6	890.1	985.3	1096.7	1212.0	1333.6	1462.7	1599.5	1745.4	1891.2	2045.9
47.5°	849.1	947.9	1064.1	1185.2	1317.2	1455.7	1601.8	1764.5	1926.6	2110.3	2287.7
45°	900.0	1013.5	1139.7	1280.4	1425.3	1581.3	1755.1	1933.8	2140.6	2348.1	2581.3
42.5°	948.8	1079.8	1222.2	1372.5	1537.5	1716.7	1909.1	2133.7	2367.0	2623.8	2897.4
40°	1004.9	1143.0	1303.5	1471.5	1650.3	1855.2	2086.6	2336.0	2620.6	2924.8	3235.7
37.5°	1059.3	1214.5	1383.7	1566.0	1773.5	2004.3	2259.7	2565.4	2893.8	3239.7	3662.6
35°	1110.3	1282.5	1466.3	1666.0	1890.7	2158.1	2463.6	2801.5	3179.9	3626.0	4119.4
32.5°	1164.5	1346.8	1544.2	1768.3	2022.7	2314.8	2661.8	3059.5	3507.3	4015.3	4632.7
30°	1219.1	1413.1	1621.7	1864.1	2147.1	2485.2	2879.5	3319.1	3834.1	4471.3	5196.1
27.5°	1269.6	1475.0	1703.5	1965.6	2268.1	2642.3	3088.6	3603.9	4210.7	4930.9	5777.5
25°	1316.0	1531.3	1778.7	2062.4	2401.6	2811.9	3295.9	3866.5	4587.6	5446.2	6487.7
22.5°	1360.3	1582.7	1846.6	2149.3	2521.8	2976.1	3520.8	4173.7	4970.8	5934.5	7183.5
20°	1401.7	1638.2	1914.1	2232.5	2629.2	3124.3	3727.6	4460.6	5367.6	6508.4	7865.9
17.5°	1438.2	1687.2	1978.0	2322.5	2749.0	3275.0	3922.6	4713.8	5720.8	7021.0	8495.4
15°	1469.5	1729.4	2033.2	2400.4	2856.9	3424.7	4127.3	4991.5	6089.2	7487.1	9048.2
12.5°	1495.6	1764.7	2079.7	2465.9	2947.5	3551.3	4302.2	5239.0	6448.1	7926.1	9533.5
10°	1516.4	1793.1	2117.1	2518.8	3020.5	3654.2	4446.2	5441.4	6746.7	8302.5	9944.1
7.5°	1533.7	1815.2	2145.7	2559.0	3075.8	3732.7	4558.3	5597.7	6980.1	8600.5	10259.2
5°	1546.1	1831.1	2167.5	2587.0	3116.4	3787.5	4636.8	5706.9	7146.1	8816.4	10474.6
2.5°	1553.0	1839.8	2179.9	2602.0	3141.3	3818.5	4677.9	5775.5	7237.4	8939.6	10604.9
0°	1554.4	1841.1	2183.0	2603.9	3148.3	3824.3	4684.4	5796.9	7256.7	8971.5	10652.2
-2.5°	1553.0	1839.8	2179.9	2602.0	3141.3	3818.5	4677.9	5775.5	7237.4	8939.6	10604.9
-5°	1546.1	1831.1	2167.5	2587.0	3116.4	3787.5	4636.8	5706.9	7146.1	8816.4	10474.6
-7.5°	1533.7	1815.2	2145.7	2559.0	3075.8	3732.7	4558.3	5597.7	6980.1	8600.5	10259.2
-10°	1516.4	1793.1	2117.1	2518.8	3020.5	3654.2	4446.2	5441.4	6746.7	8302.5	9944.1
-12.5°	1495.6	1764.7	2079.7	2465.9	2947.5	3551.3	4302.2	5239.0	6448.1	7926.1	9533.5
-15°	1469.5	1729.4	2033.2	2400.4	2856.9	3424.7	4127.3	4991.5	6089.2	7487.1	9048.2
-17.5°	1438.2	1687.2	1978.0	2322.5	2749.0	3275.0	3922.6	4713.8	5720.8	7021.0	8495.4
-20°	1401.7	1638.2	1914.1	2232.5	2629.2	3124.3	3727.6	4460.6	5367.6	6508.4	7865.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627703 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-735-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°	1360.3	1582.7	1846.6	2149.3	2521.8	2976.1	3520.8	4173.7	4970.8	5934.5	7183.5
-25°	1316.0	1531.3	1778.7	2062.4	2401.6	2811.9	3295.9	3866.5	4587.6	5446.2	6487.7
-27.5°	1269.6	1475.0	1703.5	1965.6	2268.1	2642.3	3088.6	3603.9	4210.7	4930.9	5777.5
-30°	1219.1	1413.1	1621.7	1864.1	2147.1	2485.2	2879.5	3319.1	3834.1	4471.3	5196.1
-32.5°	1164.5	1346.8	1544.2	1768.3	2022.7	2314.8	2661.8	3059.5	3507.3	4015.3	4632.7
-35°	1110.3	1282.5	1466.3	1666.0	1890.7	2158.1	2463.6	2801.5	3179.9	3626.0	4119.4
-37.5°	1059.3	1214.5	1383.7	1566.0	1773.5	2004.3	2259.7	2565.4	2893.8	3239.7	3662.6
-40°	1004.9	1143.0	1303.5	1471.5	1650.3	1855.2	2086.6	2336.0	2620.6	2924.8	3235.7
-42.5°	948.8	1079.8	1222.2	1372.5	1537.5	1716.7	1909.1	2133.7	2367.0	2623.8	2897.4
-45°	900.0	1013.5	1139.7	1280.4	1425.3	1581.3	1755.1	1933.8	2140.6	2348.1	2581.3
-47.5°	849.1	947.9	1064.1	1185.2	1317.2	1455.7	1601.8	1764.5	1926.6	2110.3	2287.7
-50°	797.6	890.1	985.3	1096.7	1212.0	1333.6	1462.7	1599.5	1745.4	1891.2	2045.9
-52.5°	748.3	830.3	915.9	1009.0	1112.1	1218.6	1330.3	1447.7	1573.0	1699.1	1826.9
-55°	697.6	773.1	845.9	927.3	1015.5	1110.0	1205.3	1307.7	1408.3	1521.7	1626.4
-57.5°	650.3	714.4	778.3	847.1	924.0	1004.4	1088.8	1173.3	1264.4	1354.4	1440.5
-60°	604.7	656.5	712.0	771.0	832.8	903.1	973.4	1048.4	1124.6	1199.0	1274.9
-62.5°	557.3	598.9	644.6	696.9	750.4	802.1	862.0	925.1	988.8	1050.6	1111.9
-65°	501.2	538.1	575.0	618.2	667.6	708.9	753.6	802.7	857.3	906.5	951.4
-67.5°	442.7	475.3	505.6	535.3	573.4	609.8	646.0	683.7	725.4	769.2	807.9
-70°	379.5	411.7	438.6	462.8	483.6	506.3	535.5	564.3	597.4	639.1	677.3
-72.5°	315.6	344.5	370.0	391.8	405.5	415.8	429.6	446.5	477.9	519.6	556.4
-75°	255.1	277.8	300.4	320.2	328.7	329.4	328.4	333.9	365.0	407.5	445.1
-77.5°	197.0	215.8	233.3	249.4	254.0	253.4	250.4	245.2	268.8	305.1	342.9
-80°	141.9	153.8	167.5	180.2	183.2	181.9	177.9	171.4	190.0	216.2	244.5
-82.5°	92.6	100.6	108.2	115.4	116.1	114.3	110.7	106.6	120.7	137.7	155.5
-85°	47.4	47.5	51.4	55.0	56.7	56.9	55.8	53.4	60.3	68.3	76.7
-87.5°	23.7	23.7	23.3	22.7	21.7	20.3	18.7	16.8	17.5	18.2	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: P627703 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-735-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°	19.4	18.9	18.2	17.5	16.7	16.4	16.1	15.7	15.3	14.1	13.0
85°	85.6	87.5	88.5	89.0	89.0	91.9	94.6	97.0	99.1	89.8	79.6
82.5°	173.9	182.1	189.2	196.4	203.4	208.2	211.9	214.5	216.2	195.8	172.7
80°	273.8	290.9	305.1	318.7	331.7	334.9	334.9	333.0	329.5	301.5	269.7
77.5°	380.8	403.2	421.0	438.7	456.1	462.5	465.6	468.0	469.6	434.9	392.1
75°	477.8	504.6	529.5	552.7	574.0	585.4	592.0	597.5	601.7	566.9	521.1
72.5°	588.4	616.8	643.8	669.4	692.1	707.1	716.9	724.9	731.3	711.4	682.8
70°	710.1	739.4	768.0	794.6	820.2	840.4	856.3	869.9	881.3	883.5	882.5
67.5°	845.3	879.9	913.8	942.8	973.2	1001.7	1026.7	1047.6	1064.2	1075.2	1081.3
65°	996.8	1048.9	1095.2	1134.5	1167.3	1205.3	1238.9	1264.5	1282.6	1296.3	1308.0
62.5°	1175.5	1238.7	1291.6	1344.0	1398.0	1450.5	1483.3	1516.2	1548.4	1578.7	1604.7
60°	1347.5	1416.7	1488.4	1555.3	1617.2	1674.1	1733.0	1785.2	1830.8	1869.0	1897.5
57.5°	1530.9	1615.1	1696.6	1781.5	1861.3	1935.8	2008.5	2075.7	2133.8	2182.6	2222.6
55°	1729.8	1832.7	1929.7	2037.4	2141.8	2237.1	2324.8	2414.7	2495.6	2566.9	2623.4
52.5°	1944.2	2078.1	2206.5	2333.0	2468.4	2590.5	2699.9	2824.5	2934.9	3026.3	3097.4
50°	2200.3	2357.6	2527.1	2683.9	2854.7	3022.8	3177.8	3328.0	3474.9	3601.9	3704.7
47.5°	2491.9	2685.5	2895.5	3103.3	3315.3	3545.2	3750.3	3940.9	4146.2	4324.6	4467.6
45°	2816.0	3062.9	3316.4	3608.6	3877.8	4173.1	4446.4	4691.9	4983.1	5239.6	5446.2
42.5°	3175.6	3504.5	3837.9	4205.9	4563.0	4937.9	5336.2	5689.4	6075.6	6443.9	6741.4
40°	3621.3	4014.4	4460.9	4906.4	5419.0	5900.5	6480.6	7007.8	7486.6	7925.6	8285.5
37.5°	4116.5	4622.6	5183.6	5763.9	6465.2	7152.6	7831.7	8472.8	9038.8	9519.4	9922.5
35°	4678.8	5321.9	6001.4	6848.4	7670.1	8493.4	9260.5	9961.2	10576.8	11119.0	11580.1
32.5°	5325.5	6097.4	7048.5	8000.1	8937.5	9844.0	10686.1	11450.3	12125.5	12734.2	13264.4
30°	6005.5	7058.6	8126.2	9170.2	10193.9	11186.8	12111.0	12952.8	13715.7	14393.4	15004.2
27.5°	6869.5	8036.6	9200.7	10326.1	11452.3	12539.0	13540.6	14475.8	15351.2	16117.1	16815.3
25°	7705.2	8994.6	10232.1	11459.1	12685.0	13851.7	14971.7	16028.0	17030.5	17909.7	18689.2
22.5°	8540.8	9890.3	11212.7	12532.1	13849.0	15149.7	16407.2	17617.4	18738.6	19739.6	20617.1
20°	9314.8	10725.5	12139.7	13562.0	14989.5	16413.2	17825.6	19187.4	20436.5	21592.2	22607.9
17.5°	10008.6	11508.9	13008.3	14529.6	16077.1	17622.8	19191.7	20718.4	22146.4	23461.3	24639.5
15°	10623.0	12188.6	13798.9	15440.5	17102.2	18780.9	20492.9	22201.0	23808.4	25302.0	26617.4
12.5°	11160.2	12787.9	14475.6	16219.9	18023.4	19852.2	21720.6	23592.9	25372.4	27096.8	28517.1
10°	11603.5	13297.5	15061.6	16894.4	18796.3	20764.6	22769.1	24784.5	26745.1	28574.3	30198.5
7.5°	11945.8	13703.3	15521.1	17427.3	19422.7	21498.3	23621.7	25760.5	27852.8	29823.8	31620.9
5°	12187.3	13998.7	15839.3	17822.2	19886.9	22037.9	24244.7	26473.5	28660.8	30733.2	32595.7
2.5°	12327.5	14176.1	16024.6	18062.2	20163.0	22364.3	24631.0	26896.5	29141.5	31291.0	33204.8
0°	12364.5	14229.3	16130.9	18087.8	20249.8	22517.0	24702.7	26975.1	29308.1	31428.0	33334.9
-2.5°	12327.5	14176.1	16024.6	18062.2	20163.0	22364.3	24631.0	26896.5	29141.5	31291.0	33204.8
-5°	12187.3	13998.7	15839.3	17822.2	19886.9	22037.9	24244.7	26473.5	28660.8	30733.2	32595.7
-7.5°	11945.8	13703.3	15521.1	17427.3	19422.7	21498.3	23621.7	25760.5	27852.8	29823.8	31620.9
-10°	11603.5	13297.5	15061.6	16894.4	18796.3	20764.6	22769.1	24784.5	26745.1	28574.3	30198.5
-12.5°	11160.2	12787.9	14475.6	16219.9	18023.4	19852.2	21720.6	23592.9	25372.4	27096.8	28517.1
-15°	10623.0	12188.6	13798.9	15440.5	17102.2	18780.9	20492.9	22201.0	23808.4	25302.0	26617.4
-17.5°	10008.6	11508.9	13008.3	14529.6	16077.1	17622.8	19191.7	20718.4	22146.4	23461.3	24639.5
-20°	9314.8	10725.5	12139.7	13562.0	14989.5	16413.2	17825.6	19187.4	20436.5	21592.2	22607.9



REPORT NUMBER: P627703 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	8540.8	9890.3	11212.7	12532.1	13849.0	15149.7	16407.2	17617.4	18738.6	19739.6	20617.1
-25°	7705.2	8994.6	10232.1	11459.1	12685.0	13851.7	14971.7	16028.0	17030.5	17909.7	18689.2
-27.5°	6869.5	8036.6	9200.7	10326.1	11452.3	12539.0	13540.6	14475.8	15351.2	16117.1	16815.3
-30°	6005.5	7058.6	8126.2	9170.2	10193.9	11186.8	12111.0	12952.8	13715.7	14393.4	15004.2
-32.5°	5325.5	6097.4	7048.5	8000.1	8937.5	9844.0	10686.1	11450.3	12125.5	12734.2	13264.4
-35°	4678.8	5321.9	6001.4	6848.4	7670.1	8493.4	9260.5	9961.2	10576.8	11119.0	11580.1
-37.5°	4116.5	4622.6	5183.6	5763.9	6465.2	7152.6	7831.7	8472.8	9038.8	9519.4	9922.5
-40°	3621.3	4014.4	4460.9	4906.4	5419.0	5900.5	6480.6	7007.8	7486.6	7925.6	8285.5
-42.5°	3175.6	3504.5	3837.9	4205.9	4563.0	4937.9	5336.2	5689.4	6075.6	6443.9	6741.4
-45°	2816.0	3062.9	3316.4	3608.6	3877.8	4173.1	4446.4	4691.9	4983.1	5239.6	5446.2
-47.5°	2491.9	2685.5	2895.5	3103.3	3315.3	3545.2	3750.3	3940.9	4146.2	4324.6	4467.6
-50°	2200.3	2357.6	2527.1	2683.9	2854.7	3022.8	3177.8	3328.0	3474.9	3601.9	3704.7
-52.5°	1944.2	2078.1	2206.5	2333.0	2468.4	2590.5	2699.9	2824.5	2934.9	3026.3	3097.4
-55°	1729.8	1832.7	1929.7	2037.4	2141.8	2237.1	2324.8	2414.7	2495.6	2566.9	2623.4
-57.5°	1530.9	1615.1	1696.6	1781.5	1861.3	1935.8	2008.5	2075.7	2133.8	2182.6	2222.6
-60°	1347.5	1416.7	1488.4	1555.3	1617.2	1674.1	1733.0	1785.2	1830.8	1869.0	1897.5
-62.5°	1175.5	1238.7	1291.6	1344.0	1398.0	1450.5	1483.3	1516.2	1548.4	1578.7	1604.7
-65°	996.8	1048.9	1095.2	1134.5	1167.3	1205.3	1238.9	1264.5	1282.6	1296.3	1308.0
-67.5°	845.3	879.9	913.8	942.8	973.2	1001.7	1026.7	1047.6	1064.2	1075.2	1081.3
-70°	710.1	739.4	768.0	794.6	820.2	840.4	856.3	869.9	881.3	883.5	882.5
-72.5°	588.4	616.8	643.8	669.4	692.1	707.1	716.9	724.9	731.3	711.4	682.8
-75°	477.8	504.6	529.5	552.7	574.0	585.4	592.0	597.5	601.7	566.9	521.1
-77.5°	380.8	403.2	421.0	438.7	456.1	462.5	465.6	468.0	469.6	434.9	392.1
-80°	273.8	290.9	305.1	318.7	331.7	334.9	334.9	333.0	329.5	301.5	269.7
-82.5°	173.9	182.1	189.2	196.4	203.4	208.2	211.9	214.5	216.2	195.8	172.7
-85°	85.6	87.5	88.5	89.0	89.0	91.9	94.6	97.0	99.1	89.8	79.6
-87.5°	19.4	18.9	18.2	17.5	16.7	16.4	16.1	15.7	15.3	14.1	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



REPORT NUMBER: P627703 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-735-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°	11.7	10.5	9.2	7.9	9.2	10.5	11.7	13.0	14.1	15.3	15.7
85°	68.9	57.6	56.5	55.2	56.5	57.6	68.9	79.6	89.8	99.1	97.0
82.5°	148.5	123.3	119.5	115.7	119.5	123.3	148.5	172.7	195.8	216.2	214.5
80°	236.6	202.4	195.8	189.4	195.8	202.4	236.6	269.7	301.5	329.5	333.0
77.5°	347.1	300.3	286.5	273.5	286.5	300.3	347.1	392.1	434.9	469.6	468.0
75°	473.5	424.2	407.5	391.9	407.5	424.2	473.5	521.1	566.9	601.7	597.5
72.5°	653.8	623.8	593.4	560.2	593.4	623.8	653.8	682.8	711.4	731.3	724.9
70°	881.6	879.5	871.9	860.1	871.9	879.5	881.6	882.5	883.5	881.3	869.9
67.5°	1084.0	1083.1	1085.8	1086.3	1085.8	1083.1	1084.0	1081.3	1075.2	1064.2	1047.6
65°	1315.2	1317.7	1323.2	1325.6	1323.2	1317.7	1315.2	1308.0	1296.3	1282.6	1264.5
62.5°	1624.6	1638.0	1644.7	1643.9	1644.7	1638.0	1624.6	1604.7	1578.7	1548.4	1516.2
60°	1918.8	1932.7	1941.5	1943.7	1941.5	1932.7	1918.8	1897.5	1869.0	1830.8	1785.2
57.5°	2254.2	2277.0	2289.1	2290.9	2289.1	2277.0	2254.2	2222.6	2182.6	2133.8	2075.7
55°	2666.8	2697.0	2710.6	2709.1	2710.6	2697.0	2666.8	2623.4	2566.9	2495.6	2414.7
52.5°	3151.2	3188.0	3215.7	3232.5	3215.7	3188.0	3151.2	3097.4	3026.3	2934.9	2824.5
50°	3781.9	3834.8	3868.4	3882.1	3868.4	3834.8	3781.9	3704.7	3601.9	3474.9	3328.0
47.5°	4570.9	4641.0	4692.9	4729.1	4692.9	4641.0	4570.9	4467.6	4324.6	4146.2	3940.9
45°	5598.7	5705.6	5778.2	5820.6	5778.2	5705.6	5598.7	5446.2	5239.6	4983.1	4691.9
42.5°	6973.8	7139.7	7241.4	7280.3	7241.4	7139.7	6973.8	6741.4	6443.9	6075.6	5689.4
40°	8569.6	8769.0	8899.7	8990.0	8899.7	8769.0	8569.6	8285.5	7925.6	7486.6	7007.8
37.5°	10231.9	10441.1	10568.4	10654.9	10568.4	10441.1	10231.9	9922.5	9519.4	9038.8	8472.8
35°	11927.6	12146.7	12266.1	12332.9	12266.1	12146.7	11927.6	11580.1	11119.0	10576.8	9961.2
32.5°	13668.6	13909.9	14039.7	14174.0	14039.7	13909.9	13668.6	13264.4	12734.2	12125.5	11450.3
30°	15486.8	15763.8	15899.7	15965.2	15899.7	15763.8	15486.8	15004.2	14393.4	13715.7	12952.8
27.5°	17378.8	17724.1	17894.2	18006.2	17894.2	17724.1	17378.8	16815.3	16117.1	15351.2	14475.8
25°	19347.5	19775.4	19970.2	20144.6	19970.2	19775.4	19347.5	18689.2	17909.7	17030.5	16028.0
22.5°	21390.1	21922.9	22148.5	22272.4	22148.5	21922.9	21390.1	20617.1	19739.6	18738.6	17617.4
20°	23486.0	24122.7	24436.1	24597.4	24436.1	24122.7	23486.0	22607.9	21592.2	20436.5	19187.4
17.5°	25629.2	26421.2	26826.8	26919.9	26826.8	26421.2	25629.2	24639.5	23461.3	22146.4	20718.4
15°	27733.2	28589.8	29069.3	29245.0	29069.3	28589.8	27733.2	26617.4	25302.0	23808.4	22201.0
12.5°	29725.7	30613.6	31186.6	31288.6	31186.6	30613.6	29725.7	28517.1	27096.8	25372.4	23592.9
10°	31532.9	32452.6	33085.5	33229.7	33085.5	32452.6	31532.9	30198.5	28574.3	26745.1	24784.5
7.5°	33043.6	34052.8	34751.9	34873.6	34751.9	34052.8	33043.6	31620.9	29823.8	27852.8	25760.5
5°	34148.9	35347.1	35921.0	36065.0	35921.0	35347.1	34148.9	32595.7	30733.2	28660.8	26473.5
2.5°	34755.3	35975.0	36772.6	36680.5	36772.6	35975.0	34755.3	33204.8	31291.0	29141.5	26896.5
0°	34823.6	36099.2	36862.0	37214.4	36862.0	36099.2	34823.6	33334.9	31428.0	29308.1	26975.1
-2.5°	34755.3	35975.0	36772.6	36680.5	36772.6	35975.0	34755.3	33204.8	31291.0	29141.5	26896.5
-5°	34148.9	35347.1	35921.0	36065.0	35921.0	35347.1	34148.9	32595.7	30733.2	28660.8	26473.5
-7.5°	33043.6	34052.8	34751.9	34873.6	34751.9	34052.8	33043.6	31620.9	29823.8	27852.8	25760.5
-10°	31532.9	32452.6	33085.5	33229.7	33085.5	32452.6	31532.9	30198.5	28574.3	26745.1	24784.5
-12.5°	29725.7	30613.6	31186.6	31288.6	31186.6	30613.6	29725.7	28517.1	27096.8	25372.4	23592.9
-15°	27733.2	28589.8	29069.3	29245.0	29069.3	28589.8	27733.2	26617.4	25302.0	23808.4	22201.0
-17.5°	25629.2	26421.2	26826.8	26919.9	26826.8	26421.2	25629.2	24639.5	23461.3	22146.4	20718.4
-20°	23486.0	24122.7	24436.1	24597.4	24436.1	24122.7	23486.0	22607.9	21592.2	20436.5	19187.4



REPORT NUMBER: P627703 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-735-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°	21390.1	21922.9	22148.5	22272.4	22148.5	21922.9	21390.1	20617.1	19739.6	18738.6	17617.4
-25°	19347.5	19775.4	19970.2	20144.6	19970.2	19775.4	19347.5	18689.2	17909.7	17030.5	16028.0
-27.5°	17378.8	17724.1	17894.2	18006.2	17894.2	17724.1	17378.8	16815.3	16117.1	15351.2	14475.8
-30°	15486.8	15763.8	15899.7	15965.2	15899.7	15763.8	15486.8	15004.2	14393.4	13715.7	12952.8
-32.5°	13668.6	13909.9	14039.7	14174.0	14039.7	13909.9	13668.6	13264.4	12734.2	12125.5	11450.3
-35°	11927.6	12146.7	12266.1	12332.9	12266.1	12146.7	11927.6	11580.1	11119.0	10576.8	9961.2
-37.5°	10231.9	10441.1	10568.4	10654.9	10568.4	10441.1	10231.9	9922.5	9519.4	9038.8	8472.8
-40°	8569.6	8769.0	8899.7	8990.0	8899.7	8769.0	8569.6	8285.5	7925.6	7486.6	7007.8
-42.5°	6973.8	7139.7	7241.4	7280.3	7241.4	7139.7	6973.8	6741.4	6443.9	6075.6	5689.4
-45°	5598.7	5705.6	5778.2	5820.6	5778.2	5705.6	5598.7	5446.2	5239.6	4983.1	4691.9
-47.5°	4570.9	4641.0	4692.9	4729.1	4692.9	4641.0	4570.9	4467.6	4324.6	4146.2	3940.9
-50°	3781.9	3834.8	3868.4	3882.1	3868.4	3834.8	3781.9	3704.7	3601.9	3474.9	3328.0
-52.5°	3151.2	3188.0	3215.7	3232.5	3215.7	3188.0	3151.2	3097.4	3026.3	2934.9	2824.5
-55°	2666.8	2697.0	2710.6	2709.1	2710.6	2697.0	2666.8	2623.4	2566.9	2495.6	2414.7
-57.5°	2254.2	2277.0	2289.1	2290.9	2289.1	2277.0	2254.2	2222.6	2182.6	2133.8	2075.7
-60°	1918.8	1932.7	1941.5	1943.7	1941.5	1932.7	1918.8	1897.5	1869.0	1830.8	1785.2
-62.5°	1624.6	1638.0	1644.7	1643.9	1644.7	1638.0	1624.6	1604.7	1578.7	1548.4	1516.2
-65°	1315.2	1317.7	1323.2	1325.6	1323.2	1317.7	1315.2	1308.0	1296.3	1282.6	1264.5
-67.5°	1084.0	1083.1	1085.8	1086.3	1085.8	1083.1	1084.0	1081.3	1075.2	1064.2	1047.6
-70°	881.6	879.5	871.9	860.1	871.9	879.5	881.6	882.5	883.5	881.3	869.9
-72.5°	653.8	623.8	593.4	560.2	593.4	623.8	653.8	682.8	711.4	731.3	724.9
-75°	473.5	424.2	407.5	391.9	407.5	424.2	473.5	521.1	566.9	601.7	597.5
-77.5°	347.1	300.3	286.5	273.5	286.5	300.3	347.1	392.1	434.9	469.6	468.0
-80°	236.6	202.4	195.8	189.4	195.8	202.4	236.6	269.7	301.5	329.5	333.0
-82.5°	148.5	123.3	119.5	115.7	119.5	123.3	148.5	172.7	195.8	216.2	214.5
-85°	68.9	57.6	56.5	55.2	56.5	57.6	68.9	79.6	89.8	99.1	97.0
-87.5°	11.7	10.5	9.2	7.9	9.2	10.5	11.7	13.0	14.1	15.3	15.7
-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: P627703 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-735-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°	16.1	16.4	16.7	17.5	18.2	18.9	19.4	18.8	18.2	17.5	16.8
85°	94.6	91.9	89.0	89.0	88.5	87.5	85.6	76.7	68.3	60.3	53.4
82.5°	211.9	208.2	203.4	196.4	189.2	182.1	173.9	155.5	137.7	120.7	106.6
80°	334.9	334.9	331.7	318.7	305.1	290.9	273.8	244.5	216.2	190.0	171.4
77.5°	465.6	462.5	456.1	438.7	421.0	403.2	380.8	342.9	305.1	268.8	245.2
75°	592.0	585.4	574.0	552.7	529.5	504.6	477.8	445.1	407.5	365.0	333.9
72.5°	716.9	707.1	692.1	669.4	643.8	616.8	588.4	556.4	519.6	477.9	446.5
70°	856.3	840.4	820.2	794.6	768.0	739.4	710.1	677.3	639.1	597.4	564.3
67.5°	1026.7	1001.7	973.2	942.8	913.8	879.9	845.3	807.9	769.2	725.4	683.7
65°	1238.9	1205.3	1167.3	1134.5	1095.2	1048.9	996.8	951.4	906.5	857.3	802.7
62.5°	1483.3	1450.5	1398.0	1344.0	1291.6	1238.7	1175.5	1111.9	1050.6	988.8	925.1
60°	1733.0	1674.1	1617.2	1555.3	1488.4	1416.7	1347.5	1274.9	1199.0	1124.6	1048.4
57.5°	2008.5	1935.8	1861.3	1781.5	1696.6	1615.1	1530.9	1440.5	1354.4	1264.4	1173.3
55°	2324.8	2237.1	2141.8	2037.4	1929.7	1832.7	1729.8	1626.4	1521.7	1408.3	1307.7
52.5°	2699.9	2590.5	2468.4	2333.0	2206.5	2078.1	1944.2	1826.9	1699.1	1573.0	1447.7
50°	3177.8	3022.8	2854.7	2683.9	2527.1	2357.6	2200.3	2045.9	1891.2	1745.4	1599.5
47.5°	3750.3	3545.2	3315.3	3103.3	2895.5	2685.5	2491.9	2287.7	2110.3	1926.6	1764.5
45°	4446.4	4173.1	3877.8	3608.6	3316.4	3062.9	2816.0	2581.3	2348.1	2140.6	1933.8
42.5°	5336.2	4937.9	4563.0	4205.9	3837.9	3504.5	3175.6	2897.4	2623.8	2367.0	2133.7
40°	6480.6	5900.5	5419.0	4906.4	4460.9	4014.4	3621.3	3235.7	2924.8	2620.6	2336.0
37.5°	7831.7	7152.6	6465.2	5763.9	5183.6	4622.6	4116.5	3662.6	3239.7	2893.8	2565.4
35°	9260.5	8493.4	7670.1	6848.4	6001.4	5321.9	4678.8	4119.4	3626.0	3179.9	2801.5
32.5°	10686.1	9844.0	8937.5	8000.1	7048.5	6097.4	5325.5	4632.7	4015.3	3507.3	3059.5
30°	12111.0	11186.8	10193.9	9170.2	8126.2	7058.6	6005.5	5196.1	4471.3	3834.1	3319.1
27.5°	13540.6	12539.0	11452.3	10326.1	9200.7	8036.6	6869.5	5777.5	4930.9	4210.7	3603.9
25°	14971.7	13851.7	12685.0	11459.1	10232.1	8994.6	7705.2	6487.7	5446.2	4587.6	3866.5
22.5°	16407.2	15149.7	13849.0	12532.1	11212.7	9890.3	8540.8	7183.5	5934.5	4970.8	4173.7
20°	17825.6	16413.2	14989.5	13562.0	12139.7	10725.5	9314.8	7865.9	6508.4	5367.6	4460.6
17.5°	19191.7	17622.8	16077.1	14529.6	13008.3	11508.9	10008.6	8495.4	7021.0	5720.8	4713.8
15°	20492.9	18780.9	17102.2	15440.5	13798.9	12188.6	10623.0	9048.2	7487.1	6089.2	4991.5
12.5°	21720.6	19852.2	18023.4	16219.9	14475.6	12787.9	11160.2	9533.5	7926.1	6448.1	5239.0
10°	22769.1	20764.6	18796.3	16894.4	15061.6	13297.5	11603.5	9944.1	8302.5	6746.7	5441.4
7.5°	23621.7	21498.3	19422.7	17427.3	15521.1	13703.3	11945.8	10259.2	8600.5	6980.1	5597.7
5°	24244.7	22037.9	19886.9	17822.2	15839.3	13998.7	12187.3	10474.6	8816.4	7146.1	5706.9
2.5°	24631.0	22364.3	20163.0	18062.2	16024.6	14176.1	12327.5	10604.9	8939.6	7237.4	5775.5
0°	24702.7	22517.0	20249.8	18087.8	16130.9	14229.3	12364.5	10652.2	8971.5	7256.7	5796.9
-2.5°	24631.0	22364.3	20163.0	18062.2	16024.6	14176.1	12327.5	10604.9	8939.6	7237.4	5775.5
-5°	24244.7	22037.9	19886.9	17822.2	15839.3	13998.7	12187.3	10474.6	8816.4	7146.1	5706.9
-7.5°	23621.7	21498.3	19422.7	17427.3	15521.1	13703.3	11945.8	10259.2	8600.5	6980.1	5597.7
-10°	22769.1	20764.6	18796.3	16894.4	15061.6	13297.5	11603.5	9944.1	8302.5	6746.7	5441.4
-12.5°	21720.6	19852.2	18023.4	16219.9	14475.6	12787.9	11160.2	9533.5	7926.1	6448.1	5239.0
-15°	20492.9	18780.9	17102.2	15440.5	13798.9	12188.6	10623.0	9048.2	7487.1	6089.2	4991.5
-17.5°	19191.7	17622.8	16077.1	14529.6	13008.3	11508.9	10008.6	8495.4	7021.0	5720.8	4713.8
-20°	17825.6	16413.2	14989.5	13562.0	12139.7	10725.5	9314.8	7865.9	6508.4	5367.6	4460.6



REPORT NUMBER: P627703 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	16407.2	15149.7	13849.0	12532.1	11212.7	9890.3	8540.8	7183.5	5934.5	4970.8	4173.7
-25°	14971.7	13851.7	12685.0	11459.1	10232.1	8994.6	7705.2	6487.7	5446.2	4587.6	3866.5
-27.5°	13540.6	12539.0	11452.3	10326.1	9200.7	8036.6	6869.5	5777.5	4930.9	4210.7	3603.9
-30°	12111.0	11186.8	10193.9	9170.2	8126.2	7058.6	6005.5	5196.1	4471.3	3834.1	3319.1
-32.5°	10686.1	9844.0	8937.5	8000.1	7048.5	6097.4	5325.5	4632.7	4015.3	3507.3	3059.5
-35°	9260.5	8493.4	7670.1	6848.4	6001.4	5321.9	4678.8	4119.4	3626.0	3179.9	2801.5
-37.5°	7831.7	7152.6	6465.2	5763.9	5183.6	4622.6	4116.5	3662.6	3239.7	2893.8	2565.4
-40°	6480.6	5900.5	5419.0	4906.4	4460.9	4014.4	3621.3	3235.7	2924.8	2620.6	2336.0
-42.5°	5336.2	4937.9	4563.0	4205.9	3837.9	3504.5	3175.6	2897.4	2623.8	2367.0	2133.7
-45°	4446.4	4173.1	3877.8	3608.6	3316.4	3062.9	2816.0	2581.3	2348.1	2140.6	1933.8
-47.5°	3750.3	3545.2	3315.3	3103.3	2895.5	2685.5	2491.9	2287.7	2110.3	1926.6	1764.5
-50°	3177.8	3022.8	2854.7	2683.9	2527.1	2357.6	2200.3	2045.9	1891.2	1745.4	1599.5
-52.5°	2699.9	2590.5	2468.4	2333.0	2206.5	2078.1	1944.2	1826.9	1699.1	1573.0	1447.7
-55°	2324.8	2237.1	2141.8	2037.4	1929.7	1832.7	1729.8	1626.4	1521.7	1408.3	1307.7
-57.5°	2008.5	1935.8	1861.3	1781.5	1696.6	1615.1	1530.9	1440.5	1354.4	1264.4	1173.3
-60°	1733.0	1674.1	1617.2	1555.3	1488.4	1416.7	1347.5	1274.9	1199.0	1124.6	1048.4
-62.5°	1483.3	1450.5	1398.0	1344.0	1291.6	1238.7	1175.5	1111.9	1050.6	988.8	925.1
-65°	1238.9	1205.3	1167.3	1134.5	1095.2	1048.9	996.8	951.4	906.5	857.3	802.7
-67.5°	1026.7	1001.7	973.2	942.8	913.8	879.9	845.3	807.9	769.2	725.4	683.7
-70°	856.3	840.4	820.2	794.6	768.0	739.4	710.1	677.3	639.1	597.4	564.3
-72.5°	716.9	707.1	692.1	669.4	643.8	616.8	588.4	556.4	519.6	477.9	446.5
-75°	592.0	585.4	574.0	552.7	529.5	504.6	477.8	445.1	407.5	365.0	333.9
-77.5°	465.6	462.5	456.1	438.7	421.0	403.2	380.8	342.9	305.1	268.8	245.2
-80°	334.9	334.9	331.7	318.7	305.1	290.9	273.8	244.5	216.2	190.0	171.4
-82.5°	211.9	208.2	203.4	196.4	189.2	182.1	173.9	155.5	137.7	120.7	106.6
-85°	94.6	91.9	89.0	89.0	88.5	87.5	85.6	76.7	68.3	60.3	53.4
-87.5°	16.1	16.4	16.7	17.5	18.2	18.9	19.4	18.8	18.2	17.5	16.8
-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: P627703 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-735-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°	18.7	20.3	21.7	22.7	23.3	23.7	23.7	23.3	22.4	21.1	19.6
85°	55.8	56.9	56.7	55.0	51.4	47.5	47.4	46.7	44.8	42.3	39.2
82.5°	110.7	114.3	116.1	115.4	108.2	100.6	92.6	84.1	75.0	64.7	58.7
80°	177.9	181.9	183.2	180.2	167.5	153.8	141.9	129.7	117.8	104.2	89.1
77.5°	250.4	253.4	254.0	249.4	233.3	215.8	197.0	177.3	160.5	143.7	124.9
75°	328.4	329.4	328.7	320.2	300.4	277.8	255.1	230.5	206.0	183.1	160.5
72.5°	429.6	415.8	405.5	391.8	370.0	344.5	315.6	283.0	251.9	222.7	195.5
70°	535.5	506.3	483.6	462.8	438.6	411.7	379.5	338.6	297.0	261.6	228.6
67.5°	646.0	609.8	573.4	535.3	505.6	475.3	442.7	393.5	343.6	299.7	261.0
65°	753.6	708.9	667.6	618.2	575.0	538.1	501.2	445.5	388.6	337.4	292.6
62.5°	862.0	802.1	750.4	696.9	644.6	598.9	557.3	493.9	431.6	373.5	322.6
60°	973.4	903.1	832.8	771.0	712.0	656.5	604.7	540.8	473.3	407.9	351.0
57.5°	1088.8	1004.4	924.0	847.1	778.3	714.4	650.3	584.0	513.6	442.7	376.6
55°	1205.3	1110.0	1015.5	927.3	845.9	773.1	697.6	625.3	552.2	476.8	397.0
52.5°	1330.3	1218.6	1112.1	1009.0	915.9	830.3	748.3	665.8	589.0	509.5	419.2
50°	1462.7	1333.6	1212.0	1096.7	985.3	890.1	797.6	710.1	624.9	541.0	440.1
47.5°	1601.8	1455.7	1317.2	1185.2	1064.1	947.9	849.1	753.7	659.8	572.2	459.1
45°	1755.1	1581.3	1425.3	1280.4	1139.7	1013.5	900.0	795.8	697.6	594.5	476.1
42.5°	1909.1	1716.7	1537.5	1372.5	1222.2	1079.8	948.8	839.5	734.0	614.9	492.9
40°	2086.6	1855.2	1650.3	1471.5	1303.5	1143.0	1004.9	881.6	767.8	635.2	509.1
37.5°	2259.7	2004.3	1773.5	1566.0	1383.7	1214.5	1059.3	921.6	794.5	657.3	523.8
35°	2463.6	2158.1	1890.7	1666.0	1466.3	1282.5	1110.3	962.6	823.9	678.6	536.9
32.5°	2661.8	2314.8	2022.7	1768.3	1544.2	1346.8	1164.5	1004.4	853.7	698.8	548.3
30°	2879.5	2485.2	2147.1	1864.1	1621.7	1413.1	1219.1	1043.9	883.8	717.9	559.5
27.5°	3088.6	2642.3	2268.1	1965.6	1703.5	1475.0	1269.6	1080.9	914.0	737.9	573.4
25°	3295.9	2811.9	2401.6	2062.4	1778.7	1531.3	1316.0	1115.4	943.6	760.2	585.8
22.5°	3520.8	2976.1	2521.8	2149.3	1846.6	1582.7	1360.3	1153.2	970.8	781.5	596.7
20°	3727.6	3124.3	2629.2	2232.5	1914.1	1638.2	1401.7	1187.0	995.2	801.5	605.9
17.5°	3922.6	3275.0	2749.0	2322.5	1978.0	1687.2	1438.2	1216.7	1016.8	819.9	613.4
15°	4127.3	3424.7	2856.9	2400.4	2033.2	1729.4	1469.5	1242.2	1035.4	836.5	620.4
12.5°	4302.2	3551.3	2947.5	2465.9	2079.7	1764.7	1495.6	1263.5	1050.9	850.5	626.8
10°	4446.2	3654.2	3020.5	2518.8	2117.1	1793.1	1516.4	1280.7	1063.8	861.5	630.3
7.5°	4558.3	3732.7	3075.8	2559.0	2145.7	1815.2	1533.7	1294.1	1073.8	869.1	631.1
5°	4636.8	3787.5	3116.4	2587.0	2167.5	1831.1	1546.1	1303.0	1080.6	873.3	629.2
2.5°	4677.9	3818.5	3141.3	2602.0	2179.9	1839.8	1553.0	1307.4	1083.9	873.9	624.8
0°	4684.4	3824.3	3148.3	2603.9	2183.0	1841.1	1554.4	1307.2	1083.6	870.6	618.1
-2.5°	4677.9	3818.5	3141.3	2602.0	2179.9	1839.8	1553.0	1307.4	1083.9	873.9	624.8
-5°	4636.8	3787.5	3116.4	2587.0	2167.5	1831.1	1546.1	1303.0	1080.6	873.3	629.2
-7.5°	4558.3	3732.7	3075.8	2559.0	2145.7	1815.2	1533.7	1294.1	1073.8	869.1	631.1
-10°	4446.2	3654.2	3020.5	2518.8	2117.1	1793.1	1516.4	1280.7	1063.8	861.5	630.3
-12.5°	4302.2	3551.3	2947.5	2465.9	2079.7	1764.7	1495.6	1263.5	1050.9	850.5	626.8
-15°	4127.3	3424.7	2856.9	2400.4	2033.2	1729.4	1469.5	1242.2	1035.4	836.5	620.4
-17.5°	3922.6	3275.0	2749.0	2322.5	1978.0	1687.2	1438.2	1216.7	1016.8	819.9	613.4
-20°	3727.6	3124.3	2629.2	2232.5	1914.1	1638.2	1401.7	1187.0	995.2	801.5	605.9



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CATALOG NUMBER: GFLD-SA5D-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	3520.8	2976.1	2521.8	2149.3	1846.6	1582.7	1360.3	1153.2	970.8	781.5	596.7
-25°	3295.9	2811.9	2401.6	2062.4	1778.7	1531.3	1316.0	1115.4	943.6	760.2	585.8
-27.5°	3088.6	2642.3	2268.1	1965.6	1703.5	1475.0	1269.6	1080.9	914.0	737.9	573.4
-30°	2879.5	2485.2	2147.1	1864.1	1621.7	1413.1	1219.1	1043.9	883.8	717.9	559.5
-32.5°	2661.8	2314.8	2022.7	1768.3	1544.2	1346.8	1164.5	1004.4	853.7	698.8	548.3
-35°	2463.6	2158.1	1890.7	1666.0	1466.3	1282.5	1110.3	962.6	823.9	678.6	536.9
-37.5°	2259.7	2004.3	1773.5	1566.0	1383.7	1214.5	1059.3	921.6	794.5	657.3	523.8
-40°	2086.6	1855.2	1650.3	1471.5	1303.5	1143.0	1004.9	881.6	767.8	635.2	509.1
-42.5°	1909.1	1716.7	1537.5	1372.5	1222.2	1079.8	948.8	839.5	734.0	614.9	492.9
-45°	1755.1	1581.3	1425.3	1280.4	1139.7	1013.5	900.0	795.8	697.6	594.5	476.1
-47.5°	1601.8	1455.7	1317.2	1185.2	1064.1	947.9	849.1	753.7	659.8	572.2	459.1
-50°	1462.7	1333.6	1212.0	1096.7	985.3	890.1	797.6	710.1	624.9	541.0	440.1
-52.5°	1330.3	1218.6	1112.1	1009.0	915.9	830.3	748.3	665.8	589.0	509.5	419.2
-55°	1205.3	1110.0	1015.5	927.3	845.9	773.1	697.6	625.3	552.2	476.8	397.0
-57.5°	1088.8	1004.4	924.0	847.1	778.3	714.4	650.3	584.0	513.6	442.7	376.6
-60°	973.4	903.1	832.8	771.0	712.0	656.5	604.7	540.8	473.3	407.9	351.0
-62.5°	862.0	802.1	750.4	696.9	644.6	598.9	557.3	493.9	431.6	373.5	322.6
-65°	753.6	708.9	667.6	618.2	575.0	538.1	501.2	445.5	388.6	337.4	292.6
-67.5°	646.0	609.8	573.4	535.3	505.6	475.3	442.7	393.5	343.6	299.7	261.0
-70°	535.5	506.3	483.6	462.8	438.6	411.7	379.5	338.6	297.0	261.6	228.6
-72.5°	429.6	415.8	405.5	391.8	370.0	344.5	315.6	283.0	251.9	222.7	195.5
-75°	328.4	329.4	328.7	320.2	300.4	277.8	255.1	230.5	206.0	183.1	160.5
-77.5°	250.4	253.4	254.0	249.4	233.3	215.8	197.0	177.3	160.5	143.7	124.9
-80°	177.9	181.9	183.2	180.2	167.5	153.8	141.9	129.7	117.8	104.2	89.1
-82.5°	110.7	114.3	116.1	115.4	108.2	100.6	92.6	84.1	75.0	64.7	58.7
-85°	55.8	56.9	56.7	55.0	51.4	47.5	47.4	46.7	44.8	42.3	39.2
-87.5°	18.7	20.3	21.7	22.7	23.3	23.7	23.7	23.3	22.4	21.1	19.6
-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):

	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°	17.7	13.8	10.3	7.1	4.4	1.9	0.0
85°	35.3	27.5	20.5	14.2	8.7	3.8	0.0
82.5°	52.8	41.2	30.7	21.3	13.0	5.7	0.0
80°	71.7	54.7	40.7	28.3	17.3	7.5	0.0
77.5°	102.3	71.1	50.6	35.1	21.5	9.4	0.0
75°	132.1	93.0	61.3	41.9	25.6	11.2	0.0
72.5°	161.0	114.1	76.0	48.6	29.7	13.0	0.0
70°	188.3	134.5	90.1	55.5	33.6	14.7	0.0
67.5°	212.0	153.9	103.6	64.1	37.5	16.4	0.0
65°	234.6	171.8	116.4	72.4	41.2	18.1	0.0
62.5°	256.0	188.1	128.6	80.2	44.8	19.7	0.0
60°	275.9	203.5	139.9	87.5	48.2	21.3	0.0
57.5°	294.0	217.8	150.4	94.4	52.4	22.8	0.0
55°	310.6	230.9	160.2	100.8	56.4	24.2	0.0
52.5°	325.9	243.0	169.2	106.6	60.3	25.6	0.0
50°	339.7	254.1	177.4	111.8	64.0	26.9	0.0
47.5°	352.5	264.0	184.7	116.6	67.5	28.1	0.0
45°	367.0	272.9	191.1	121.3	70.8	29.3	0.0
42.5°	379.8	280.5	196.7	125.5	74.0	30.4	0.0
40°	391.1	287.0	201.7	130.1	76.9	31.4	0.0
37.5°	400.8	292.3	206.1	134.8	79.7	32.4	0.0
35°	408.8	298.3	209.7	139.1	82.3	33.2	0.0
32.5°	416.1	304.0	212.5	143.1	84.6	34.0	0.0
30°	424.3	308.4	214.5	146.6	86.7	34.7	0.0
27.5°	431.0	311.5	219.0	149.7	88.6	35.3	0.0
25°	436.2	313.4	223.4	152.5	90.3	35.9	0.0
22.5°	439.9	315.8	227.3	154.8	91.8	36.3	0.0
20°	442.0	321.6	230.6	156.7	93.0	36.7	0.0
17.5°	447.0	326.3	233.4	158.2	94.0	37.0	0.0
15°	452.9	330.0	235.7	159.3	94.8	37.2	0.0
12.5°	457.2	332.7	237.3	160.1	95.3	37.3	0.0
10°	459.9	334.4	238.4	160.4	95.7	37.4	0.0
7.5°	461.0	335.1	238.8	160.3	95.8	37.3	0.0
5°	460.5	334.8	238.7	159.8	95.6	37.2	0.0
2.5°	458.5	333.6	238.0	159.0	95.3	37.1	0.0
0°	455.0	331.4	236.7	157.8	94.7	36.8	0.0
-2.5°	458.5	333.6	238.0	159.0	95.3	37.1	0.0
-5°	460.5	334.8	238.7	159.8	95.6	37.2	0.0
-7.5°	461.0	335.1	238.8	160.3	95.8	37.3	0.0
-10°	459.9	334.4	238.4	160.4	95.7	37.4	0.0
-12.5°	457.2	332.7	237.3	160.1	95.3	37.3	0.0
-15°	452.9	330.0	235.7	159.3	94.8	37.2	0.0
-17.5°	447.0	326.3	233.4	158.2	94.0	37.0	0.0
-20°	442.0	321.6	230.6	156.7	93.0	36.7	0.0

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CATALOG NUMBER: GFLD-SA5D-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	439.9	315.8	227.3	154.8	91.8	36.3	0.0
-25°	436.2	313.4	223.4	152.5	90.3	35.9	0.0
-27.5°	431.0	311.5	219.0	149.7	88.6	35.3	0.0
-30°	424.3	308.4	214.5	146.6	86.7	34.7	0.0
-32.5°	416.1	304.0	212.5	143.1	84.6	34.0	0.0
-35°	408.8	298.3	209.7	139.1	82.3	33.2	0.0
-37.5°	400.8	292.3	206.1	134.8	79.7	32.4	0.0
-40°	391.1	287.0	201.7	130.1	76.9	31.4	0.0
-42.5°	379.8	280.5	196.7	125.5	74.0	30.4	0.0
-45°	367.0	272.9	191.1	121.3	70.8	29.3	0.0
-47.5°	352.5	264.0	184.7	116.6	67.5	28.1	0.0
-50°	339.7	254.1	177.4	111.8	64.0	26.9	0.0
-52.5°	325.9	243.0	169.2	106.6	60.3	25.6	0.0
-55°	310.6	230.9	160.2	100.8	56.4	24.2	0.0
-57.5°	294.0	217.8	150.4	94.4	52.4	22.8	0.0
-60°	275.9	203.5	139.9	87.5	48.2	21.3	0.0
-62.5°	256.0	188.1	128.6	80.2	44.8	19.7	0.0
-65°	234.6	171.8	116.4	72.4	41.2	18.1	0.0
-67.5°	212.0	153.9	103.6	64.1	37.5	16.4	0.0
-70°	188.3	134.5	90.1	55.5	33.6	14.7	0.0
-72.5°	161.0	114.1	76.0	48.6	29.7	13.0	0.0
-75°	132.1	93.0	61.3	41.9	25.6	11.2	0.0
-77.5°	102.3	71.1	50.6	35.1	21.5	9.4	0.0
-80°	71.7	54.7	40.7	28.3	17.3	7.5	0.0
-82.5°	52.8	41.2	30.7	21.3	13.0	5.7	0.0
-85°	35.3	27.5	20.5	14.2	8.7	3.8	0.0
-87.5°	17.7	13.8	10.3	7.1	4.4	1.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)