

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: P627702 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627702 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-7)
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-VSR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (80) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

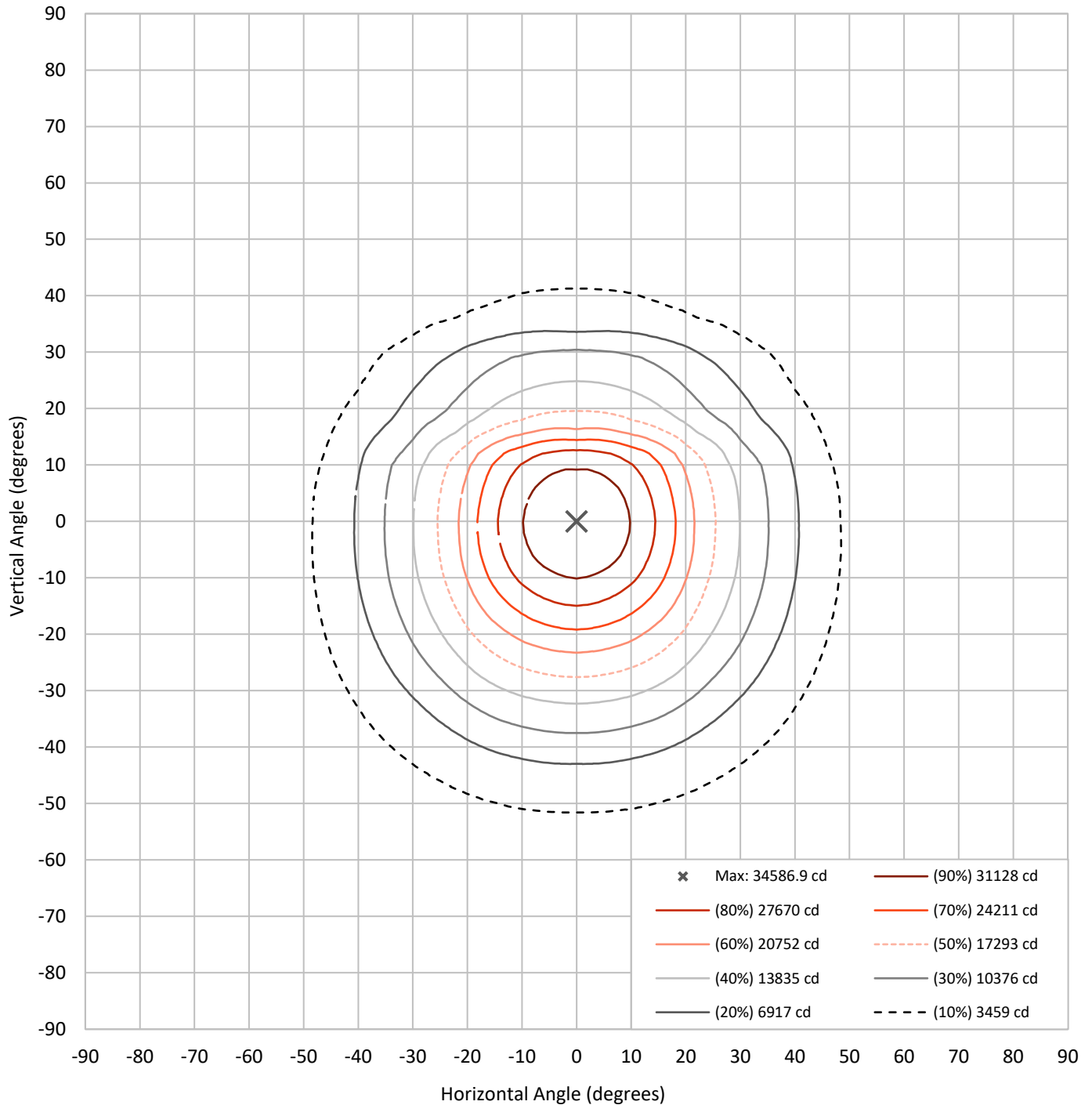
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	30513.2 lumens	Max Intensity:	34586.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	112.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	50.9°H x 47.1°V	Field Angle (10%):	96.7°H x 92.9°V
Beam Lumens:	14690.6 lumens	Field Lumens:	27319.6 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
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		



REPORT NUMBER: P627702 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





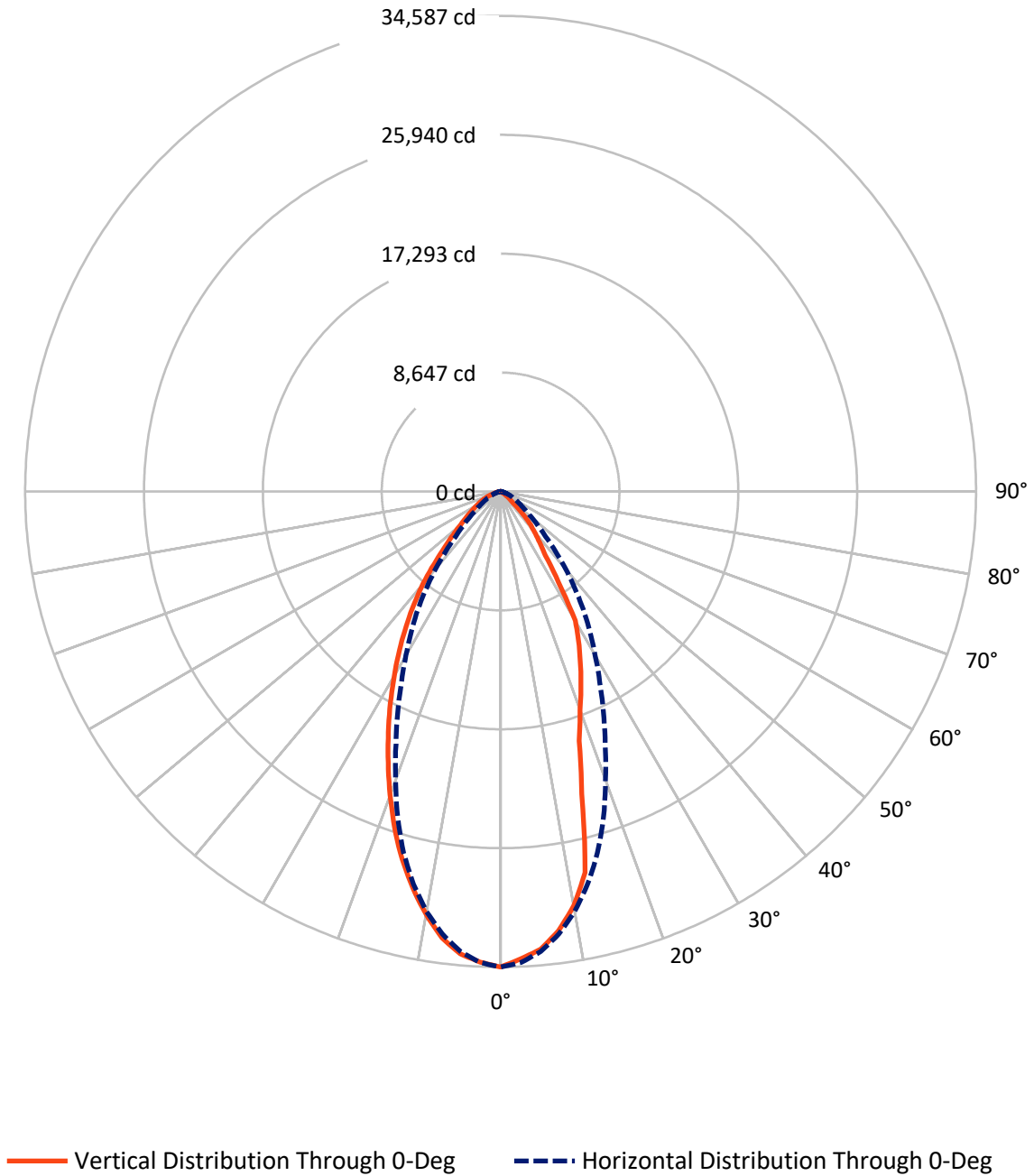
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Lumen Table

90																			
80	0.0	0.1		0.2		0.0		0.0		0.0		0.2		0.1		0.0			
70																			
60	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1			
50		0.7	1.6	2.9	4.8	7.0	9.6	10.8	10.8	9.6	7.0	4.8	2.9	1.6	0.7				
40	1.3	2.3	5.9	12.4	22.7	37.3	53.8	65.9	65.9	53.8	37.3	22.7	12.4	5.9	2.3	1.3			
30		4.6	11.9	27.6	57.0	104.7	160.0	192.4	192.4	160.0	104.7	57.0	27.6	11.9	4.6				
20	3.3	7.3	19.3	50.1	118.5	222.5	338.7	408.2	408.2	338.7	222.5	118.5	50.1	19.3	7.3	3.3			
10		9.9	27.5	78.5	195.0	360.6	563.5	696.6	696.6	563.5	360.6	195.0	78.5	27.5	9.9				
0	4.7	11.5	34.6	101.6	256.1	477.2	766.3	971.5	971.5	766.3	477.2	256.1	101.6	34.6	11.5	4.7			
-10		12.0	36.0	104.8	259.7	484.1	774.0	977.6	977.6	774.0	484.1	259.7	104.8	36.0	12.0				
-20	5.1	11.9	34.1	93.4	230.1	425.1	655.3	808.6	808.6	655.3	425.1	230.1	93.4	34.1	11.9	5.1			
-30		10.9	29.5	73.1	171.7	320.5	477.6	572.7	572.7	477.6	320.5	171.7	73.1	29.5	10.9				
-40	4.3	9.6	23.9	52.8	108.1	198.8	300.0	357.1	357.1	300.0	198.8	108.1	52.8	23.9	9.6	4.3			
-50		7.9	18.5	36.5	64.9	104.1	149.3	177.7	177.7	149.3	104.1	64.9	36.5	18.5	7.9				
-60	2.7	6.2	13.5	24.3	39.7	57.0	73.8	83.5	83.5	73.8	57.0	39.7	24.3	13.5	6.2	2.7			
-70		4.3	9.0	15.0	23.0	31.4	38.4	41.9	41.9	38.4	31.4	23.0	15.0	9.0	4.3				
-80	0.7	8.7		22.4		40.1		36.5		40.1		22.4		8.7		0.7			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

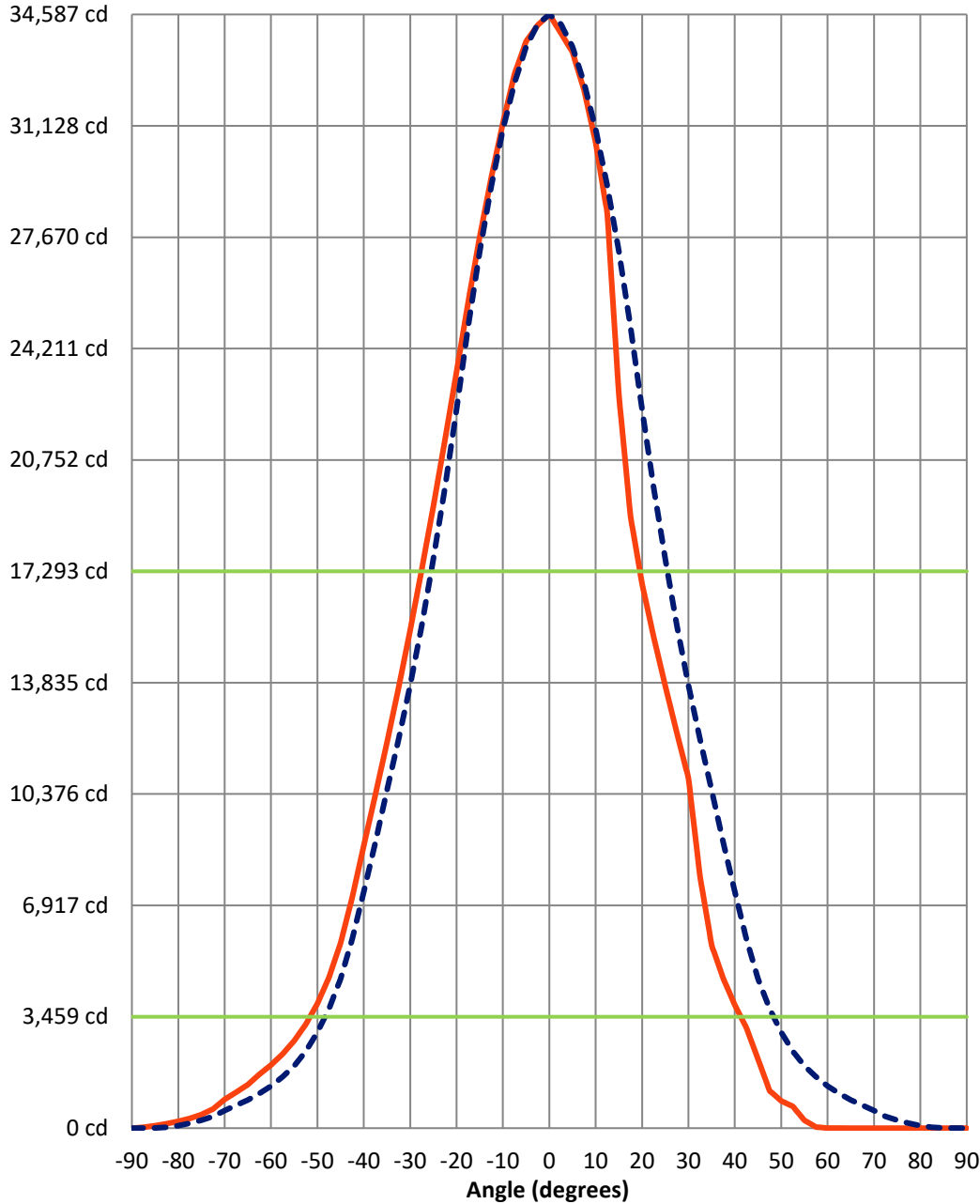
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 14690.6
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 27319.6
 Efficiency: 89.5%

Spill:
 Lumens: 3193.5
 Efficiency: 10.5%

- 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	0.1	0.2	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1
85°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.7	1.9	2.1
82.5°	0.0	0.3	0.7	1.0	1.3	1.6	1.9	2.2	2.5	2.5	2.5
80°	0.0	0.4	0.9	1.3	1.7	2.2	2.5	2.5	2.5	2.5	2.5
77.5°	0.0	0.5	1.1	1.6	2.2	2.5	2.5	2.5	2.5	2.5	2.5
75°	0.0	0.6	1.3	1.9	2.5	2.5	2.5	2.5	2.5	2.5	2.5
72.5°	0.0	0.8	1.5	2.2	2.5	2.5	2.5	2.5	2.5	2.5	2.5
70°	0.0	0.9	1.7	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.7
67.5°	0.0	1.0	1.9	2.5	2.5	2.5	2.7	2.5	2.5	3.2	3.1
65°	0.0	1.1	2.1	2.5	2.5	2.8	3.0	2.5	3.6	4.1	4.8
62.5°	0.0	1.2	2.3	2.5	2.5	3.3	3.4	3.4	4.7	6.6	10.3
60°	0.0	1.2	2.5	2.5	2.5	4.0	3.9	4.7	6.0	16.4	17.7
57.5°	0.0	1.3	2.5	2.5	3.2	4.7	6.7	6.4	16.1	27.6	30.3
55°	0.0	1.4	2.6	2.5	3.9	5.5	10.2	9.4	29.5	41.6	47.0
52.5°	0.0	1.5	2.6	2.5	4.7	6.9	14.3	23.2	44.1	61.7	66.5
50°	0.0	1.6	2.7	2.5	5.5	11.1	18.9	38.4	61.6	84.0	101.5
47.5°	0.0	1.7	2.7	2.7	6.4	15.7	25.1	53.8	84.6	108.5	137.8
45°	0.0	1.8	2.8	3.3	7.3	20.5	38.5	69.3	107.7	140.6	173.5
42.5°	0.0	1.8	2.9	4.0	8.2	25.7	51.8	87.5	130.8	172.2	213.2
40°	0.0	1.9	3.0	4.9	10.8	31.1	65.1	107.4	154.7	203.1	254.7
37.5°	0.0	2.0	3.0	6.0	15.0	36.8	78.3	127.2	180.6	234.9	297.1
35°	0.0	2.0	3.2	7.1	19.3	45.7	91.3	146.6	206.7	272.9	343.1
32.5°	0.0	2.1	3.3	8.4	23.6	56.0	105.1	165.7	232.8	311.9	395.0
30°	0.0	2.2	3.4	9.7	28.0	66.0	120.6	185.1	258.8	351.7	447.2
27.5°	0.0	2.2	3.5	11.1	33.0	75.8	135.5	206.4	287.4	392.1	499.6
25°	0.0	2.3	3.6	12.6	37.9	85.2	150.0	227.2	320.4	435.2	552.0
22.5°	0.0	2.3	3.8	14.1	42.8	94.3	163.8	247.4	353.0	478.7	605.2
20°	0.0	2.3	3.9	15.6	47.5	103.2	177.0	266.9	385.1	521.3	655.9
17.5°	0.0	2.4	4.0	17.2	52.0	111.6	189.2	285.7	416.4	562.7	703.9
15°	0.0	2.4	4.2	18.8	56.3	119.4	200.4	302.4	446.5	602.6	749.2
12.5°	0.0	2.4	4.3	20.3	60.4	126.7	210.7	316.3	471.6	640.7	791.6
10°	0.0	2.5	4.4	21.8	64.2	133.3	220.0	328.8	491.6	663.2	824.9
7.5°	0.0	2.5	4.6	23.3	67.8	139.3	228.3	339.7	509.1	680.4	842.3
5°	0.0	2.5	4.7	24.7	71.1	144.6	235.6	349.1	524.1	694.0	856.4
2.5°	0.0	2.5	4.8	26.0	74.0	149.3	241.8	356.9	536.5	704.3	867.2
0°	0.0	2.5	4.9	27.2	76.6	153.2	247.0	363.2	546.0	711.5	874.6
-2.5°	0.0	2.7	5.7	28.9	80.1	158.0	253.7	373.7	556.7	721.8	886.2
-5°	0.0	2.8	6.4	30.5	83.2	162.1	259.3	382.4	564.5	729.2	894.4
-7.5°	0.0	3.0	7.1	31.9	85.8	165.3	263.7	389.3	569.4	733.7	899.3
-10°	0.0	3.1	7.8	33.2	88.0	167.8	266.9	394.1	571.5	735.6	900.8
-12.5°	0.0	3.2	8.4	34.3	89.6	169.4	268.7	396.9	570.9	734.4	896.6
-15°	0.0	3.3	9.0	35.1	90.7	170.2	269.3	397.5	566.7	728.0	887.9
-17.5°	0.0	3.4	9.6	35.8	91.2	170.1	268.5	396.7	559.4	719.4	875.8
-20°	0.0	3.5	10.1	36.2	91.1	169.1	267.8	394.9	550.2	708.5	860.4

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Scaled Data Report



REPORT NUMBER: P627702 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	3.6	10.6	36.5	90.3	167.3	267.9	391.3	539.4	695.6	841.8
-25°	0.0	3.7	11.0	36.4	89.0	166.7	266.7	386.1	527.0	680.8	819.9
-27.5°	0.0	3.7	11.3	36.2	86.9	166.0	264.2	379.3	513.3	663.7	799.6
-30°	0.0	3.8	11.6	35.7	84.4	164.2	260.3	370.8	501.2	644.4	777.8
-32.5°	0.0	3.8	11.8	34.9	83.3	161.4	255.0	363.9	489.2	624.3	754.5
-35°	0.0	3.8	11.9	33.9	81.6	157.5	250.1	356.3	475.7	603.5	729.7
-37.5°	0.0	3.8	12.0	32.6	79.2	153.3	244.4	347.1	460.6	582.1	700.6
-40°	0.0	3.7	11.9	31.1	76.0	149.6	237.3	336.4	443.9	562.2	669.5
-42.5°	0.0	3.7	11.8	29.6	73.7	144.9	228.9	324.1	428.5	536.3	636.4
-45°	0.0	3.6	11.6	28.5	72.3	139.2	219.2	311.3	412.6	508.6	602.0
-47.5°	0.0	3.5	11.4	26.9	70.1	132.6	208.1	298.2	394.9	480.0	570.1
-50°	0.0	3.4	11.0	26.4	67.1	125.1	198.4	283.5	371.7	453.8	537.3
-52.5°	0.0	3.3	10.6	26.1	63.4	116.7	188.0	267.2	348.6	426.5	503.9
-55°	0.0	3.2	10.1	25.4	59.0	109.8	176.4	249.8	324.8	398.1	472.5
-57.5°	0.0	3.0	9.5	24.4	54.0	102.4	163.7	234.3	299.8	369.4	439.9
-60°	0.0	2.9	8.9	23.0	48.4	93.9	150.1	215.7	274.1	339.7	406.4
-62.5°	0.0	2.7	8.4	21.4	45.0	84.5	137.0	194.9	248.6	308.8	371.7
-65°	0.0	2.5	7.8	19.5	41.2	74.1	122.5	173.2	221.6	276.2	335.7
-67.5°	0.0	2.3	7.1	17.4	36.8	64.9	106.9	151.4	193.0	241.8	295.9
-70°	0.0	2.0	6.5	15.0	32.0	56.9	90.1	128.7	166.0	205.7	253.0
-72.5°	0.0	1.8	5.7	13.2	26.9	48.3	76.6	105.4	138.2	173.0	209.8
-75°	0.0	1.6	5.0	11.5	21.3	39.1	62.9	85.9	109.6	139.6	171.2
-77.5°	0.0	1.3	4.2	9.8	17.6	29.5	48.4	67.5	87.1	107.7	131.7
-80°	0.0	1.1	3.4	7.9	14.3	22.5	33.5	48.7	64.7	81.6	99.2
-82.5°	0.0	0.8	2.6	6.0	10.8	17.0	24.6	32.6	42.1	55.1	68.6
-85°	0.0	0.5	1.7	4.0	7.3	11.4	16.5	21.8	27.8	34.4	41.6
-87.5°	0.0	0.3	0.9	2.0	3.6	5.7	8.3	10.9	13.9	17.2	20.9
-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-VSR-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°	1.2	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.8	1.9	2.0
85°	2.3	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
82.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
80°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
77.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
75°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
72.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
70°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.1
67.5°	2.5	2.5	2.5	2.6	2.5	2.5	2.5	2.5	2.5	1.9	1.3
65°	2.5	2.5	3.4	3.7	2.6	2.5	2.5	2.5	2.6	2.3	2.3
62.5°	3.6	4.5	5.6	8.6	6.4	2.5	4.9	5.7	3.8	3.1	3.3
60°	10.8	7.4	19.0	26.4	17.3	9.1	11.2	22.4	18.5	5.0	13.1
57.5°	21.8	26.9	47.9	50.2	38.6	26.1	57.2	63.4	52.6	33.0	47.6
55°	45.5	63.9	80.8	79.8	80.3	100.9	118.6	116.4	102.7	141.6	178.3
52.5°	86.1	105.2	116.4	126.7	155.6	174.8	180.2	191.1	231.4	279.6	288.3
50°	126.3	146.0	160.7	198.3	227.8	243.0	257.0	294.0	354.8	387.9	393.2
47.5°	167.0	189.0	227.8	268.9	297.4	320.4	344.8	428.6	496.5	524.7	534.9
45°	209.5	247.5	296.0	338.2	371.3	402.3	481.8	596.1	644.0	687.2	797.0
42.5°	253.6	310.9	365.4	409.7	447.0	511.9	622.5	733.3	801.8	893.6	1026.2
40°	309.8	374.1	437.3	482.3	529.0	627.2	764.1	881.4	953.8	1077.0	1228.2
37.5°	367.0	442.1	510.4	557.9	623.4	756.3	917.1	1057.6	1147.4	1247.7	1490.6
35°	423.4	511.5	581.5	645.2	726.1	909.3	1107.5	1263.9	1375.0	1546.7	1854.1
32.5°	483.6	582.1	653.8	740.4	873.3	1078.1	1321.7	1495.3	1679.4	1926.5	2418.9
30°	547.8	648.2	730.6	834.7	1013.0	1252.0	1534.6	1752.8	2002.7	2404.0	2934.8
27.5°	611.7	714.1	815.6	948.0	1143.8	1402.0	1697.2	2041.1	2364.1	2812.9	3393.1
25°	673.2	781.3	898.9	1059.0	1270.7	1541.0	1863.2	2260.0	2681.5	3194.8	3876.1
22.5°	731.8	849.5	987.2	1159.1	1377.7	1672.9	2057.1	2523.2	3029.7	3561.4	4344.3
20°	789.3	925.6	1083.6	1276.1	1476.2	1794.6	2246.8	2811.1	3446.0	4174.4	4941.6
17.5°	846.2	1000.8	1183.2	1397.2	1639.6	1965.4	2441.3	3113.1	3885.8	4833.8	5778.5
15°	901.8	1074.5	1279.6	1516.8	1804.5	2193.9	2734.4	3472.7	4406.3	5541.6	6660.6
12.5°	955.8	1146.0	1372.0	1633.6	1964.4	2408.9	3010.6	3807.2	4876.9	6233.2	7607.9
10°	1007.5	1214.6	1459.8	1746.3	2117.5	2609.0	3254.7	4096.5	5231.9	6629.7	8158.6
7.5°	1033.8	1261.1	1534.7	1853.6	2262.0	2792.7	3467.2	4341.0	5509.3	6948.5	8481.5
5°	1052.6	1282.3	1562.8	1896.4	2341.4	2917.7	3629.8	4540.9	5713.7	7188.4	8700.3
2.5°	1067.1	1297.6	1583.3	1920.6	2372.8	2959.3	3683.5	4610.6	5823.3	7313.6	8827.7
0°	1077.1	1306.9	1595.9	1934.4	2389.0	2979.4	3708.2	4639.6	5869.9	7342.3	8874.0
-2.5°	1087.7	1319.7	1609.2	1955.9	2411.7	3006.8	3735.5	4660.1	5904.8	7350.3	8899.1
-5°	1093.8	1326.5	1614.4	1966.3	2418.9	3012.0	3733.5	4640.6	5877.0	7292.6	8844.6
-7.5°	1095.4	1327.2	1611.6	1964.2	2409.6	2988.6	3694.1	4582.7	5781.2	7175.8	8711.1
-10°	1092.8	1321.4	1600.9	1946.4	2382.5	2940.1	3623.5	4482.3	5623.7	6983.1	8485.4
-12.5°	1084.8	1309.1	1581.9	1917.3	2338.8	2871.1	3524.1	4339.3	5405.0	6715.2	8167.3
-15°	1072.0	1290.6	1554.4	1877.0	2278.5	2782.3	3396.4	4153.5	5123.4	6374.6	7771.1
-17.5°	1054.3	1266.2	1518.3	1825.7	2201.5	2674.5	3241.9	3936.1	4819.8	5994.5	7330.7
-20°	1031.8	1235.8	1473.8	1763.3	2112.7	2560.9	3098.5	3743.6	4535.6	5559.2	6811.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627702 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1004.5	1199.6	1426.6	1703.6	2034.0	2442.9	2938.2	3525.3	4216.8	5056.1	6243.7
-25°	976.4	1164.9	1380.8	1637.1	1944.0	2309.3	2754.8	3289.7	3915.9	4684.1	5666.1
-27.5°	948.6	1124.9	1327.8	1560.4	1843.2	2171.4	2582.4	3070.0	3628.1	4281.4	5081.0
-30°	917.4	1080.4	1269.3	1480.1	1746.6	2051.3	2406.5	2824.3	3320.6	3910.9	4606.0
-32.5°	883.3	1032.5	1212.8	1410.6	1643.1	1920.4	2227.8	2605.6	3037.4	3524.3	4125.2
-35°	849.3	991.6	1154.8	1335.7	1532.1	1791.7	2074.1	2387.6	2754.8	3186.0	3666.5
-37.5°	816.6	947.1	1092.6	1261.3	1445.5	1661.1	1910.5	2193.6	2509.7	2852.8	3267.9
-40°	780.2	899.0	1036.6	1189.5	1352.3	1539.2	1764.1	2004.4	2276.5	2578.4	2899.0
-42.5°	740.5	854.7	980.4	1112.1	1261.5	1428.5	1615.0	1834.7	2060.8	2313.8	2593.6
-45°	701.8	806.6	921.6	1041.8	1167.6	1315.0	1484.5	1667.3	1867.7	2074.1	2309.2
-47.5°	660.9	756.7	863.7	968.4	1079.9	1205.7	1349.4	1515.3	1682.5	1866.3	2048.6
-50°	620.1	709.9	799.8	897.6	997.4	1102.1	1223.6	1366.7	1518.9	1671.3	1831.8
-52.5°	583.5	661.2	742.4	826.3	917.2	1010.4	1111.6	1229.6	1362.7	1497.0	1635.3
-55°	546.1	617.7	684.8	760.0	838.6	922.5	1012.7	1112.0	1212.4	1334.8	1453.8
-57.5°	509.5	573.0	631.4	695.5	765.4	836.7	918.0	1002.4	1093.6	1186.0	1283.4
-60°	472.9	526.9	579.8	635.2	693.9	757.3	822.7	896.9	975.0	1055.4	1139.7
-62.5°	435.0	478.8	525.4	576.1	627.8	676.6	731.5	792.1	856.5	925.5	997.0
-65°	392.6	428.9	467.8	512.0	560.5	599.9	641.9	687.4	740.7	797.5	853.7
-67.5°	347.3	379.5	411.2	444.0	483.3	518.6	553.1	589.4	629.2	675.7	720.7
-70°	296.9	328.9	357.0	384.1	409.1	434.3	463.6	492.2	524.3	566.0	606.9
-72.5°	245.6	275.7	302.2	325.3	342.9	357.9	375.9	396.7	427.5	466.1	502.3
-75°	198.6	222.9	247.8	269.9	281.3	285.8	289.5	300.4	331.6	371.3	406.3
-77.5°	154.7	175.8	196.1	215.4	223.4	226.5	228.0	227.9	250.9	284.7	320.3
-80°	113.9	128.6	145.8	162.3	167.2	168.7	168.9	167.8	186.6	210.9	237.0
-82.5°	79.2	89.8	100.7	111.9	113.4	112.7	111.0	109.4	124.6	142.1	160.1
-85°	46.1	50.6	57.2	64.1	64.9	64.6	63.4	61.4	69.9	79.4	89.5
-87.5°	23.1	25.3	27.5	29.8	29.0	27.8	26.3	24.5	26.9	29.3	31.8
-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: P627702 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-735-U-WR-VSR-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°	2.0	1.6	1.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	2.5	1.9	1.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	2.5	1.9	1.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	2.5	2.0	1.3	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	2.5	2.0	1.4	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	2.5	2.1	1.5	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2.5	2.2	1.5	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0
70°	1.4	0.7	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1.1	1.3	1.3	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0
65°	2.6	2.5	1.9	1.2	0.6	0.5	0.6	0.5	0.2	0.0	0.0
62.5°	3.2	3.1	2.2	2.1	2.3	2.5	2.0	1.8	1.7	1.8	2.0
60°	14.0	8.0	8.2	10.4	8.8	4.1	8.1	10.3	9.6	7.3	6.4
57.5°	70.9	59.4	41.5	69.5	71.6	49.9	54.1	70.6	68.5	52.9	52.7
55°	178.7	181.3	194.6	212.2	225.2	231.2	236.5	263.1	291.5	319.3	333.2
52.5°	295.1	329.7	372.6	401.0	420.8	461.5	518.4	544.6	570.1	598.9	619.8
50°	434.7	494.6	537.7	544.0	611.7	655.7	666.0	715.1	768.5	801.7	825.6
47.5°	646.6	722.5	760.1	784.1	866.5	956.8	956.9	985.1	1118.9	1188.9	1222.6
45°	931.3	994.6	1061.1	1233.6	1392.3	1442.7	1550.5	1696.4	1791.3	1921.9	2065.5
42.5°	1173.8	1292.6	1459.0	1649.0	1808.1	1940.6	2100.7	2276.2	2486.9	2685.2	2856.2
40°	1413.8	1560.8	1766.9	1973.6	2173.9	2357.4	2615.6	2841.2	3089.9	3362.5	3589.8
37.5°	1726.8	1915.2	2128.1	2388.8	2700.6	2904.3	3259.3	3583.5	3863.6	4192.9	4395.8
35°	2207.8	2453.2	2641.7	3168.7	3547.9	3786.1	4206.4	4739.3	4944.0	5358.7	5555.4
32.5°	2812.4	3138.4	3634.7	4332.5	4839.0	5277.6	5905.8	6446.6	6907.5	7324.0	7757.2
30°	3491.7	3994.9	4726.4	5653.6	6168.1	6782.4	7631.9	8273.1	8995.9	9789.4	10067.3
27.5°	4108.2	4861.9	5711.2	6462.3	7201.1	7966.2	8800.9	9624.7	10407.0	11067.3	11510.3
25°	4679.6	5592.3	6417.8	7220.4	8021.0	8882.7	9826.7	10760.9	11621.9	12301.3	12817.8
22.5°	5269.0	6233.3	7116.3	7930.7	8862.0	9838.4	10842.4	11913.9	12893.7	13598.5	14161.1
20°	5823.1	6895.6	7902.8	8830.1	9710.4	10837.6	11993.7	13130.3	14197.3	15036.8	15685.6
17.5°	6702.7	7633.7	8864.7	10069.3	11061.0	12096.5	13641.3	14814.4	15998.4	17003.9	17691.7
15°	7782.9	8806.6	10077.8	11732.1	13090.9	14277.3	15873.2	17781.6	19178.1	20461.7	21342.2
12.5°	8863.9	10021.8	11396.8	13258.4	15193.1	16590.6	18526.8	20944.9	22571.6	24558.9	25538.6
10°	9692.5	11146.5	12562.5	14261.4	16119.4	18109.4	20196.6	22459.0	24632.4	26338.9	27864.3
7.5°	10026.1	11574.8	13214.0	14947.5	16805.3	18859.1	21083.7	23437.7	25674.6	27580.6	29257.0
5°	10275.4	11862.3	13512.3	15284.8	17270.8	19415.6	21673.3	24144.8	26429.2	28472.0	30187.1
2.5°	10433.9	12035.7	13678.6	15480.6	17569.4	19777.8	22108.1	24645.1	26963.8	29066.8	30776.3
0°	10494.7	12073.3	13755.7	15611.1	17678.9	19892.4	22323.4	24890.2	27227.3	29260.5	31019.5
-2.5°	10502.9	12038.3	13760.7	15607.0	17585.6	19819.9	22280.2	24825.7	27115.2	29140.3	30915.0
-5°	10420.5	11955.3	13679.2	15497.5	17478.8	19696.3	22051.0	24510.8	26694.5	28665.3	30373.9
-7.5°	10253.4	11783.9	13469.7	15246.4	17174.3	19325.2	21586.8	23873.6	26015.8	27906.0	29536.7
-10°	10005.4	11503.7	13131.2	14862.3	16686.5	18732.3	20888.9	23073.8	25082.7	26830.7	28338.6
-12.5°	9669.6	11133.3	12687.5	14340.1	16038.1	17988.6	20024.8	22076.7	23907.8	25503.6	26856.5
-15°	9233.5	10663.0	12167.9	13730.8	15377.5	17141.3	18968.7	20850.8	22539.5	23954.7	25190.6
-17.5°	8719.7	10106.2	11535.4	12984.2	14546.6	16201.5	17897.8	19587.3	21027.6	22284.8	23415.0
-20°	8146.8	9482.8	10840.3	12191.0	13608.5	15139.1	16705.8	18189.7	19448.3	20590.7	21625.0



REPORT NUMBER: P627702 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	7504.7	8783.4	10084.6	11348.5	12626.8	14012.7	15411.9	16753.9	17931.1	18908.3	19807.1
-25°	6817.3	7998.7	9227.4	10412.5	11589.1	12831.0	14101.9	15336.6	16372.8	17221.2	17963.8
-27.5°	6124.5	7204.2	8286.8	9402.4	10489.9	11635.9	12786.5	13853.0	14783.3	15564.5	16188.5
-30°	5396.4	6361.6	7350.2	8359.7	9398.1	10446.8	11486.5	12420.3	13232.3	13919.4	14458.7
-32.5°	4791.3	5524.5	6397.3	7313.8	8287.2	9242.7	10147.0	10998.2	11763.4	12363.3	12820.7
-35°	4211.3	4832.3	5485.9	6297.0	7133.3	8012.6	8844.5	9604.2	10286.3	10810.5	11240.8
-37.5°	3712.7	4203.8	4756.6	5335.7	6036.9	6763.8	7514.6	8229.0	8837.2	9294.5	9678.8
-40°	3281.1	3668.8	4110.6	4569.7	5085.5	5607.8	6261.5	6864.4	7360.9	7788.3	8136.5
-42.5°	2891.0	3218.2	3544.4	3920.9	4310.1	4729.9	5188.8	5634.7	6015.7	6373.5	6669.2
-45°	2554.3	2815.6	3075.6	3366.4	3652.2	3993.6	4321.3	4613.8	4922.5	5190.3	5401.1
-47.5°	2259.8	2463.5	2686.4	2904.1	3133.5	3390.6	3634.5	3857.1	4083.2	4279.1	4436.3
-50°	1998.0	2166.9	2348.9	2519.9	2705.5	2893.6	3074.0	3251.0	3422.8	3571.8	3687.7
-52.5°	1768.9	1916.5	2058.3	2194.5	2342.1	2481.2	2611.8	2757.9	2892.3	3009.8	3089.1
-55°	1573.8	1694.4	1810.6	1924.3	2035.9	2141.4	2245.5	2358.9	2462.6	2556.0	2615.1
-57.5°	1390.7	1493.3	1591.6	1684.5	1773.1	1856.9	1944.6	2031.8	2111.8	2182.2	2227.8
-60°	1224.0	1307.8	1392.9	1468.7	1540.2	1607.2	1681.0	1750.8	1815.3	1869.5	1901.1
-62.5°	1071.4	1146.6	1209.4	1269.3	1330.1	1390.5	1442.9	1494.4	1544.1	1586.1	1613.6
-65°	911.7	975.5	1028.9	1077.1	1120.6	1167.3	1212.1	1252.5	1288.4	1315.7	1333.1
-67.5°	768.9	815.8	858.7	897.0	935.8	973.2	1007.6	1038.3	1065.3	1084.4	1096.9
-70°	644.8	680.7	715.7	750.5	785.1	814.3	839.3	862.2	883.0	891.7	895.5
-72.5°	535.9	567.6	598.4	629.1	657.9	680.7	699.1	715.9	731.1	718.0	695.2
-75°	437.0	465.0	493.7	520.8	546.2	563.7	577.3	589.8	601.2	573.0	534.1
-77.5°	356.2	380.7	402.0	423.2	444.1	455.2	463.8	472.3	480.5	448.9	409.1
-80°	264.2	284.0	302.1	319.9	337.4	344.0	347.8	350.4	351.8	324.9	293.6
-82.5°	178.5	188.8	198.7	209.0	219.7	225.2	229.4	232.6	234.9	215.7	194.2
-85°	100.0	103.1	105.6	107.6	109.4	112.9	116.2	119.3	122.1	113.0	102.9
-87.5°	34.4	34.4	34.3	34.0	33.6	33.7	33.7	33.6	33.4	32.0	30.4
-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: P627702 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-735-U-WR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5
62.5°	2.2	2.4	2.5	2.5	2.5	2.4	2.2	2.0	1.8	1.7	1.8
60°	4.9	3.0	2.5	2.5	2.5	3.0	4.9	6.4	7.3	9.6	10.3
57.5°	49.2	42.9	38.5	34.6	38.5	42.9	49.2	52.7	52.9	68.5	70.6
55°	327.2	304.7	277.1	244.6	277.1	304.7	327.2	333.2	319.3	291.5	263.1
52.5°	641.8	663.2	675.5	674.4	675.5	663.2	641.8	619.8	598.9	570.1	544.6
50°	844.8	856.4	857.0	847.4	857.0	856.4	844.8	825.6	801.7	768.5	715.1
47.5°	1237.8	1221.6	1193.7	1163.6	1193.7	1221.6	1237.8	1222.6	1188.9	1118.9	985.1
45°	2159.9	2211.9	2208.5	2141.9	2208.5	2211.9	2159.9	2065.5	1921.9	1791.3	1696.4
42.5°	2951.7	3029.6	3084.8	3112.8	3084.8	3029.6	2951.7	2856.2	2685.2	2486.9	2276.2
40°	3717.8	3793.1	3826.2	3824.3	3826.2	3793.1	3717.8	3589.8	3362.5	3089.9	2841.2
37.5°	4527.4	4624.8	4672.0	4649.5	4672.0	4624.8	4527.4	4395.8	4192.9	3863.6	3583.5
35°	5640.6	5731.7	5733.4	5687.1	5733.4	5731.7	5640.6	5555.4	5358.7	4944.0	4739.3
32.5°	8101.1	8131.6	7897.3	7814.2	7897.3	8131.6	8101.1	7757.2	7324.0	6907.5	6446.6
30°	10343.9	10560.1	10761.3	10862.8	10761.3	10560.1	10343.9	10067.3	9789.4	8995.9	8273.1
27.5°	11844.4	12104.4	12265.6	12275.9	12265.6	12104.4	11844.4	11510.3	11067.3	10407.0	9624.7
25°	13209.1	13500.0	13675.7	13736.0	13675.7	13500.0	13209.1	12817.8	12301.3	11621.9	10760.9
22.5°	14638.8	14981.7	15208.8	15255.3	15208.8	14981.7	14638.8	14161.1	13598.5	12893.7	11913.9
20°	16297.6	16696.7	16914.5	16905.6	16914.5	16696.7	16297.6	15685.6	15036.8	14197.3	13130.3
17.5°	18481.6	18909.5	19097.6	19015.4	19097.6	18909.5	18481.6	17691.7	17003.9	15998.4	14814.4
15°	22246.1	23141.3	23137.7	22780.4	23137.7	23141.3	22246.1	21342.2	20461.7	19178.1	17781.6
12.5°	26889.6	27556.8	28241.3	28388.5	28241.3	27556.8	26889.6	25538.6	24558.9	22571.6	20944.9
10°	29149.1	30035.2	30619.9	30604.5	30619.9	30035.2	29149.1	27864.3	26338.9	24632.4	22459.0
7.5°	30562.7	31541.6	32250.3	32235.0	32250.3	31541.6	30562.7	29257.0	27580.6	25674.6	23437.7
5°	31653.6	32739.3	33367.0	33413.4	33367.0	32739.3	31653.6	30187.1	28472.0	26429.2	24144.8
2.5°	32220.4	33353.5	34108.2	34008.8	34108.2	33353.5	32220.4	30776.3	29066.8	26963.8	24645.1
0°	32457.4	33579.0	34283.1	34586.9	34283.1	33579.0	32457.4	31019.5	29260.5	27227.3	24890.2
-2.5°	32353.9	33445.2	34223.4	34253.4	34223.4	33445.2	32353.9	30915.0	29140.3	27115.2	24825.7
-5°	31799.5	32951.2	33472.5	33749.4	33472.5	32951.2	31799.5	30373.9	28665.3	26694.5	24510.8
-7.5°	30905.5	31768.6	32430.8	32736.5	32430.8	31768.6	30905.5	29536.7	27906.0	26015.8	23873.6
-10°	29514.2	30407.7	30967.2	31219.6	30967.2	30407.7	29514.2	28338.6	26830.7	25082.7	23073.8
-12.5°	27972.8	28784.8	29316.8	29529.8	29316.8	28784.8	27972.8	26856.5	25503.6	23907.8	22076.7
-15°	26253.2	26990.4	27480.1	27684.4	27480.1	26990.4	26253.2	25190.6	23954.7	22539.5	20850.8
-17.5°	24360.1	25006.2	25494.1	25641.3	25494.1	25006.2	24360.1	23415.0	22284.8	21027.6	19587.3
-20°	22413.6	22997.6	23399.5	23487.0	23399.5	22997.6	22413.6	21625.0	20590.7	19448.3	18189.7



REPORT NUMBER: P627702 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-735-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	20452.2	20933.4	21259.8	21369.8	21259.8	20933.4	20452.2	19807.1	18908.3	17931.1	16753.9
-25°	18535.5	18950.7	19213.5	19311.9	19213.5	18950.7	18535.5	17963.8	17221.2	16372.8	15336.6
-27.5°	16692.0	17079.1	17320.5	17352.8	17320.5	17079.1	16692.0	16188.5	15564.5	14783.3	13853.0
-30°	14878.1	15197.9	15384.0	15462.8	15384.0	15197.9	14878.1	14458.7	13919.4	13232.3	12420.3
-32.5°	13183.0	13462.3	13629.5	13674.2	13629.5	13462.3	13183.0	12820.7	12363.3	11763.4	10998.2
-35°	11582.8	11840.7	11988.9	11977.0	11988.9	11840.7	11582.8	11240.8	10810.5	10286.3	9604.2
-37.5°	9996.5	10234.5	10368.9	10356.3	10368.9	10234.5	9996.5	9678.8	9294.5	8837.2	8229.0
-40°	8422.8	8628.1	8746.5	8775.2	8746.5	8628.1	8422.8	8136.5	7788.3	7360.9	6864.4
-42.5°	6915.0	7104.6	7199.3	7162.0	7199.3	7104.6	6915.0	6669.2	6373.5	6015.7	5634.7
-45°	5548.6	5646.7	5711.1	5751.3	5711.1	5646.7	5548.6	5401.1	5190.3	4922.5	4613.8
-47.5°	4551.3	4632.5	4676.4	4684.1	4676.4	4632.5	4551.3	4436.3	4279.1	4083.2	3857.1
-50°	3777.9	3847.0	3877.5	3868.8	3877.5	3847.0	3777.9	3687.7	3571.8	3422.8	3251.0
-52.5°	3146.2	3186.3	3213.4	3226.5	3213.4	3186.3	3146.2	3089.1	3009.8	2892.3	2757.9
-55°	2659.5	2690.7	2708.9	2715.1	2708.9	2690.7	2659.5	2615.1	2556.0	2462.6	2358.9
-57.5°	2265.9	2295.6	2306.4	2302.5	2306.4	2295.6	2265.9	2227.8	2182.2	2111.8	2031.8
-60°	1925.4	1942.3	1955.1	1961.6	1955.1	1942.3	1925.4	1901.1	1869.5	1815.3	1750.8
-62.5°	1635.6	1651.5	1664.8	1672.5	1664.8	1651.5	1635.6	1613.6	1586.1	1544.1	1494.4
-65°	1345.3	1352.4	1354.4	1351.4	1354.4	1352.4	1345.3	1333.1	1315.7	1288.4	1252.5
-67.5°	1106.2	1112.0	1116.0	1116.7	1116.0	1112.0	1106.2	1096.9	1084.4	1065.3	1038.3
-70°	899.2	901.7	898.8	891.8	898.8	901.7	899.2	895.5	891.7	883.0	862.2
-72.5°	671.8	647.1	622.6	595.4	622.6	647.1	671.8	695.2	718.0	731.1	715.9
-75°	493.9	452.2	437.1	422.5	437.1	452.2	493.9	534.1	573.0	601.2	589.8
-77.5°	367.3	323.9	312.3	301.4	312.3	323.9	367.3	409.1	448.9	480.5	472.3
-80°	261.0	227.2	219.7	212.5	219.7	227.2	261.0	293.6	324.9	351.8	350.4
-82.5°	171.5	147.9	143.1	138.3	143.1	147.9	171.5	194.2	215.7	234.9	232.6
-85°	92.3	81.2	79.0	76.6	79.0	81.2	92.3	102.9	113.0	122.1	119.3
-87.5°	28.8	27.1	27.2	27.2	27.2	27.1	28.8	30.4	32.0	33.4	33.6
-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):

	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°	0.0	0.0	0.0	0.6	1.1	1.6	2.0	2.0	1.9	1.8	1.8
85°	0.0	0.0	0.0	0.6	1.3	1.9	2.5	2.5	2.5	2.5	2.5
82.5°	0.0	0.0	0.0	0.7	1.3	1.9	2.5	2.5	2.5	2.5	2.5
80°	0.0	0.0	0.1	0.7	1.3	2.0	2.5	2.5	2.5	2.5	2.5
77.5°	0.0	0.0	0.1	0.8	1.4	2.0	2.5	2.5	2.5	2.5	2.5
75°	0.0	0.0	0.2	0.8	1.5	2.1	2.5	2.5	2.5	2.5	2.5
72.5°	0.0	0.0	0.2	0.7	1.5	2.2	2.5	2.5	2.5	2.5	2.5
70°	0.0	0.0	0.1	0.1	0.2	0.7	1.4	2.1	2.4	2.5	2.5
67.5°	0.0	0.0	0.4	1.0	1.3	1.3	1.1	1.3	1.9	2.5	2.5
65°	0.6	0.5	0.6	1.2	1.9	2.5	2.6	2.3	2.3	2.6	2.5
62.5°	2.0	2.5	2.3	2.1	2.2	3.1	3.2	3.3	3.1	3.8	5.7
60°	8.1	4.1	8.8	10.4	8.2	8.0	14.0	13.1	5.0	18.5	22.4
57.5°	54.1	49.9	71.6	69.5	41.5	59.4	70.9	47.6	33.0	52.6	63.4
55°	236.5	231.2	225.2	212.2	194.6	181.3	178.7	178.3	141.6	102.7	116.4
52.5°	518.4	461.5	420.8	401.0	372.6	329.7	295.1	288.3	279.6	231.4	191.1
50°	666.0	655.7	611.7	544.0	537.7	494.6	434.7	393.2	387.9	354.8	294.0
47.5°	956.9	956.8	866.5	784.1	760.1	722.5	646.6	534.9	524.7	496.5	428.6
45°	1550.5	1442.7	1392.3	1233.6	1061.1	994.6	931.3	797.0	687.2	644.0	596.1
42.5°	2100.7	1940.6	1808.1	1649.0	1459.0	1292.6	1173.8	1026.2	893.6	801.8	733.3
40°	2615.6	2357.4	2173.9	1973.6	1766.9	1560.8	1413.8	1228.2	1077.0	953.8	881.4
37.5°	3259.3	2904.3	2700.6	2388.8	2128.1	1915.2	1726.8	1490.6	1247.7	1147.4	1057.6
35°	4206.4	3786.1	3547.9	3168.7	2641.7	2453.2	2207.8	1854.1	1546.7	1375.0	1263.9
32.5°	5905.8	5277.6	4839.0	4332.5	3634.7	3138.4	2812.4	2418.9	1926.5	1679.4	1495.3
30°	7631.9	6782.4	6168.1	5653.6	4726.4	3994.9	3491.7	2934.8	2404.0	2002.7	1752.8
27.5°	8800.9	7966.2	7201.1	6462.3	5711.2	4861.9	4108.2	3393.1	2812.9	2364.1	2041.1
25°	9826.7	8882.7	8021.0	7220.4	6417.8	5592.3	4679.6	3876.1	3194.8	2681.5	2260.0
22.5°	10842.4	9838.4	8862.0	7930.7	7116.3	6233.3	5269.0	4344.3	3561.4	3029.7	2523.2
20°	11993.7	10837.6	9710.4	8830.1	7902.8	6895.6	5823.1	4941.6	4174.4	3446.0	2811.1
17.5°	13641.3	12096.5	11061.0	10069.3	8864.7	7633.7	6702.7	5778.5	4833.8	3885.8	3113.1
15°	15873.2	14277.3	13090.9	11732.1	10077.8	8806.6	7782.9	6660.6	5541.6	4406.3	3472.7
12.5°	18526.8	16590.6	15193.1	13258.4	11396.8	10021.8	8863.9	7607.9	6233.2	4876.9	3807.2
10°	20196.6	18109.4	16119.4	14261.4	12562.5	11146.5	9692.5	8158.6	6629.7	5231.9	4096.5
7.5°	21083.7	18859.1	16805.3	14947.5	13214.0	11574.8	10026.1	8481.5	6948.5	5509.3	4341.0
5°	21673.3	19415.6	17270.8	15284.8	13512.3	11862.3	10275.4	8700.3	7188.4	5713.7	4540.9
2.5°	22108.1	19777.8	17569.4	15480.6	13678.6	12035.7	10433.9	8827.7	7313.6	5823.3	4610.6
0°	22323.4	19892.4	17678.9	15611.1	13755.7	12073.3	10494.7	8874.0	7342.3	5869.9	4639.6
-2.5°	22280.2	19819.9	17585.6	15607.0	13760.7	12038.3	10502.9	8899.1	7350.3	5904.8	4660.1
-5°	22051.0	19696.3	17478.8	15497.5	13679.2	11955.3	10420.5	8844.6	7292.6	5877.0	4640.6
-7.5°	21586.8	19325.2	17174.3	15246.4	13469.7	11783.9	10253.4	8711.1	7175.8	5781.2	4582.7
-10°	20888.9	18732.3	16686.5	14862.3	13131.2	11503.7	10005.4	8485.4	6983.1	5623.7	4482.3
-12.5°	20024.8	17988.6	16038.1	14340.1	12687.5	11133.3	9669.6	8167.3	6715.2	5405.0	4339.3
-15°	18968.7	17141.3	15377.5	13730.8	12167.9	10663.0	9233.5	7771.1	6374.6	5123.4	4153.5
-17.5°	17897.8	16201.5	14546.6	12984.2	11535.4	10106.2	8719.7	7330.7	5994.5	4819.8	3936.1
-20°	16705.8	15139.1	13608.5	12191.0	10840.3	9482.8	8146.8	6811.0	5559.2	4535.6	3743.6



REPORT NUMBER: P627702 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	15411.9	14012.7	12626.8	11348.5	10084.6	8783.4	7504.7	6243.7	5056.1	4216.8	3525.3
-25°	14101.9	12831.0	11589.1	10412.5	9227.4	7998.7	6817.3	5666.1	4684.1	3915.9	3289.7
-27.5°	12786.5	11635.9	10489.9	9402.4	8286.8	7204.2	6124.5	5081.0	4281.4	3628.1	3070.0
-30°	11486.5	10446.8	9398.1	8359.7	7350.2	6361.6	5396.4	4606.0	3910.9	3320.6	2824.3
-32.5°	10147.0	9242.7	8287.2	7313.8	6397.3	5524.5	4791.3	4125.2	3524.3	3037.4	2605.6
-35°	8844.5	8012.6	7133.3	6297.0	5485.9	4832.3	4211.3	3666.5	3186.0	2754.8	2387.6
-37.5°	7514.6	6763.8	6036.9	5335.7	4756.6	4203.8	3712.7	3267.9	2852.8	2509.7	2193.6
-40°	6261.5	5607.8	5085.5	4569.7	4110.6	3668.8	3281.1	2899.0	2578.4	2276.5	2004.4
-42.5°	5188.8	4729.9	4310.1	3920.9	3544.4	3218.2	2891.0	2593.6	2313.8	2060.8	1834.7
-45°	4321.3	3993.6	3652.2	3366.4	3075.6	2815.6	2554.3	2309.2	2074.1	1867.7	1667.3
-47.5°	3634.5	3390.6	3133.5	2904.1	2686.4	2463.5	2259.8	2048.6	1866.3	1682.5	1515.3
-50°	3074.0	2893.6	2705.5	2519.9	2348.9	2166.9	1998.0	1831.8	1671.3	1518.9	1366.7
-52.5°	2611.8	2481.2	2342.1	2194.5	2058.3	1916.5	1768.9	1635.3	1497.0	1362.7	1229.6
-55°	2245.5	2141.4	2035.9	1924.3	1810.6	1694.4	1573.8	1453.8	1334.8	1212.4	1112.0
-57.5°	1944.6	1856.9	1773.1	1684.5	1591.6	1493.3	1390.7	1283.4	1186.0	1093.6	1002.4
-60°	1681.0	1607.2	1540.2	1468.7	1392.9	1307.8	1224.0	1139.7	1055.4	975.0	896.9
-62.5°	1442.9	1390.5	1330.1	1269.3	1209.4	1146.6	1071.4	997.0	925.5	856.5	792.1
-65°	1212.1	1167.3	1120.6	1077.1	1028.9	975.5	911.7	853.7	797.5	740.7	687.4
-67.5°	1007.6	973.2	935.8	897.0	858.7	815.8	768.9	720.7	675.7	629.2	589.4
-70°	839.3	814.3	785.1	750.5	715.7	680.7	644.8	606.9	566.0	524.3	492.2
-72.5°	699.1	680.7	657.9	629.1	598.4	567.6	535.9	502.3	466.1	427.5	396.7
-75°	577.3	563.7	546.2	520.8	493.7	465.0	437.0	406.3	371.3	331.6	300.4
-77.5°	463.8	455.2	444.1	423.2	402.0	380.7	356.2	320.3	284.7	250.9	227.9
-80°	347.8	344.0	337.4	319.9	302.1	284.0	264.2	237.0	210.9	186.6	167.8
-82.5°	229.4	225.2	219.7	209.0	198.7	188.8	178.5	160.1	142.1	124.6	109.4
-85°	116.2	112.9	109.4	107.6	105.6	103.1	100.0	89.5	79.4	69.9	61.4
-87.5°	33.7	33.7	33.6	34.0	34.3	34.4	34.4	31.8	29.3	26.9	24.5
-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: P627702 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-735-U-WR-VSR-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°	1.7	1.6	1.5	1.4	1.3	1.2	1.2	1.1	1.0	0.9	0.8
85°	2.5	2.5	2.5	2.5	2.5	2.5	2.3	2.1	1.9	1.7	1.5
82.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.2
80°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
77.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
75°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
72.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
70°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.7	2.5	2.5	2.5
67.5°	2.5	2.5	2.5	2.6	2.5	2.5	2.5	3.1	3.2	2.5	2.5
65°	2.5	2.5	2.6	3.7	3.4	2.5	2.5	4.8	4.1	3.6	2.5
62.5°	4.9	2.5	6.4	8.6	5.6	4.5	3.6	10.3	6.6	4.7	3.4
60°	11.2	9.1	17.3	26.4	19.0	7.4	10.8	17.7	16.4	6.0	4.7
57.5°	57.2	26.1	38.6	50.2	47.9	26.9	21.8	30.3	27.6	16.1	6.4
55°	118.6	100.9	80.3	79.8	80.8	63.9	45.5	47.0	41.6	29.5	9.4
52.5°	180.2	174.8	155.6	126.7	116.4	105.2	86.1	66.5	61.7	44.1	23.2
50°	257.0	243.0	227.8	198.3	160.7	146.0	126.3	101.5	84.0	61.6	38.4
47.5°	344.8	320.4	297.4	268.9	227.8	189.0	167.0	137.8	108.5	84.6	53.8
45°	481.8	402.3	371.3	338.2	296.0	247.5	209.5	173.5	140.6	107.7	69.3
42.5°	622.5	511.9	447.0	409.7	365.4	310.9	253.6	213.2	172.2	130.8	87.5
40°	764.1	627.2	529.0	482.3	437.3	374.1	309.8	254.7	203.1	154.7	107.4
37.5°	917.1	756.3	623.4	557.9	510.4	442.1	367.0	297.1	234.9	180.6	127.2
35°	1107.5	909.3	726.1	645.2	581.5	511.5	423.4	343.1	272.9	206.7	146.6
32.5°	1321.7	1078.1	873.3	740.4	653.8	582.1	483.6	395.0	311.9	232.8	165.7
30°	1534.6	1252.0	1013.0	834.7	730.6	648.2	547.8	447.2	351.7	258.8	185.1
27.5°	1697.2	1402.0	1143.8	948.0	815.6	714.1	611.7	499.6	392.1	287.4	206.4
25°	1863.2	1541.0	1270.7	1059.0	898.9	781.3	673.2	552.0	435.2	320.4	227.2
22.5°	2057.1	1672.9	1377.7	1159.1	987.2	849.5	731.8	605.2	478.7	353.0	247.4
20°	2246.8	1794.6	1476.2	1276.1	1083.6	925.6	789.3	655.9	521.3	385.1	266.9
17.5°	2441.3	1965.4	1639.6	1397.2	1183.2	1000.8	846.2	703.9	562.7	416.4	285.7
15°	2734.4	2193.9	1804.5	1516.8	1279.6	1074.5	901.8	749.2	602.6	446.5	302.4
12.5°	3010.6	2408.9	1964.4	1633.6	1372.0	1146.0	955.8	791.6	640.7	471.6	316.3
10°	3254.7	2609.0	2117.5	1746.3	1459.8	1214.6	1007.5	824.9	663.2	491.6	328.8
7.5°	3467.2	2792.7	2262.0	1853.6	1534.7	1261.1	1033.8	842.3	680.4	509.1	339.7
5°	3629.8	2917.7	2341.4	1896.4	1562.8	1282.3	1052.6	856.4	694.0	524.1	349.1
2.5°	3683.5	2959.3	2372.8	1920.6	1583.3	1297.6	1067.1	867.2	704.3	536.5	356.9
0°	3708.2	2979.4	2389.0	1934.4	1595.9	1306.9	1077.1	874.6	711.5	546.0	363.2
-2.5°	3735.5	3006.8	2411.7	1955.9	1609.2	1319.7	1087.7	886.2	721.8	556.7	373.7
-5°	3733.5	3012.0	2418.9	1966.3	1614.4	1326.5	1093.8	894.4	729.2	564.5	382.4
-7.5°	3694.1	2988.6	2409.6	1964.2	1611.6	1327.2	1095.4	899.3	733.7	569.4	389.3
-10°	3623.5	2940.1	2382.5	1946.4	1600.9	1321.4	1092.8	900.8	735.6	571.5	394.1
-12.5°	3524.1	2871.1	2338.8	1917.3	1581.9	1309.1	1084.8	896.6	734.4	570.9	396.9
-15°	3396.4	2782.3	2278.5	1877.0	1554.4	1290.6	1072.0	887.9	728.0	566.7	397.5
-17.5°	3241.9	2674.5	2201.5	1825.7	1518.3	1266.2	1054.3	875.8	719.4	559.4	396.7
-20°	3098.5	2560.9	2112.7	1763.3	1473.8	1235.8	1031.8	860.4	708.5	550.2	394.9



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

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2938.2	2442.9	2034.0	1703.6	1426.6	1199.6	1004.5	841.8	695.6	539.4	391.3
-25°	2754.8	2309.3	1944.0	1637.1	1380.8	1164.9	976.4	819.9	680.8	527.0	386.1
-27.5°	2582.4	2171.4	1843.2	1560.4	1327.8	1124.9	948.6	799.6	663.7	513.3	379.3
-30°	2406.5	2051.3	1746.6	1480.1	1269.3	1080.4	917.4	777.8	644.4	501.2	370.8
-32.5°	2227.8	1920.4	1643.1	1410.6	1212.8	1032.5	883.3	754.5	624.3	489.2	363.9
-35°	2074.1	1791.7	1532.1	1335.7	1154.8	991.6	849.3	729.7	603.5	475.7	356.3
-37.5°	1910.5	1661.1	1445.5	1261.3	1092.6	947.1	816.6	700.6	582.1	460.6	347.1
-40°	1764.1	1539.2	1352.3	1189.5	1036.6	899.0	780.2	669.5	562.2	443.9	336.4
-42.5°	1615.0	1428.5	1261.5	1112.1	980.4	854.7	740.5	636.4	536.3	428.5	324.1
-45°	1484.5	1315.0	1167.6	1041.8	921.6	806.6	701.8	602.0	508.6	412.6	311.3
-47.5°	1349.4	1205.7	1079.9	968.4	863.7	756.7	660.9	570.1	480.0	394.9	298.2
-50°	1223.6	1102.1	997.4	897.6	799.8	709.9	620.1	537.3	453.8	371.7	283.5
-52.5°	1111.6	1010.4	917.2	826.3	742.4	661.2	583.5	503.9	426.5	348.6	267.2
-55°	1012.7	922.5	838.6	760.0	684.8	617.7	546.1	472.5	398.1	324.8	249.8
-57.5°	918.0	836.7	765.4	695.5	631.4	573.0	509.5	439.9	369.4	299.8	234.3
-60°	822.7	757.3	693.9	635.2	579.8	526.9	472.9	406.4	339.7	274.1	215.7
-62.5°	731.5	676.6	627.8	576.1	525.4	478.8	435.0	371.7	308.8	248.6	194.9
-65°	641.9	599.9	560.5	512.0	467.8	428.9	392.6	335.7	276.2	221.6	173.2
-67.5°	553.1	518.6	483.3	444.0	411.2	379.5	347.3	295.9	241.8	193.0	151.4
-70°	463.6	434.3	409.1	384.1	357.0	328.9	296.9	253.0	205.7	166.0	128.7
-72.5°	375.9	357.9	342.9	325.3	302.2	275.7	245.6	209.8	173.0	138.2	105.4
-75°	289.5	285.8	281.3	269.9	247.8	222.9	198.6	171.2	139.6	109.6	85.9
-77.5°	228.0	226.5	223.4	215.4	196.1	175.8	154.7	131.7	107.7	87.1	67.5
-80°	168.9	168.7	167.2	162.3	145.8	128.6	113.9	99.2	81.6	64.7	48.7
-82.5°	111.0	112.7	113.4	111.9	100.7	89.8	79.2	68.6	55.1	42.1	32.6
-85°	63.4	64.6	64.9	64.1	57.2	50.6	46.1	41.6	34.4	27.8	21.8
-87.5°	26.3	27.8	29.0	29.8	27.5	25.3	23.1	20.9	17.2	13.9	10.9
-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-VSR-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°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
85°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
82.5°	1.9	1.6	1.3	1.0	0.7	0.3	0.0
80°	2.5	2.2	1.7	1.3	0.9	0.4	0.0
77.5°	2.5	2.5	2.2	1.6	1.1	0.5	0.0
75°	2.5	2.5	2.5	1.9	1.3	0.6	0.0
72.5°	2.5	2.5	2.5	2.2	1.5	0.8	0.0
70°	2.5	2.5	2.5	2.5	1.7	0.9	0.0
67.5°	2.7	2.5	2.5	2.5	1.9	1.0	0.0
65°	3.0	2.8	2.5	2.5	2.1	1.1	0.0
62.5°	3.4	3.3	2.5	2.5	2.3	1.2	0.0
60°	3.9	4.0	2.5	2.5	2.5	1.2	0.0
57.5°	6.7	4.7	3.2	2.5	2.5	1.3	0.0
55°	10.2	5.5	3.9	2.5	2.6	1.4	0.0
52.5°	14.3	6.9	4.7	2.5	2.6	1.5	0.0
50°	18.9	11.1	5.5	2.5	2.7	1.6	0.0
47.5°	25.1	15.7	6.4	2.7	2.7	1.7	0.0
45°	38.5	20.5	7.3	3.3	2.8	1.8	0.0
42.5°	51.8	25.7	8.2	4.0	2.9	1.8	0.0
40°	65.1	31.1	10.8	4.9	3.0	1.9	0.0
37.5°	78.3	36.8	15.0	6.0	3.0	2.0	0.0
35°	91.3	45.7	19.3	7.1	3.2	2.0	0.0
32.5°	105.1	56.0	23.6	8.4	3.3	2.1	0.0
30°	120.6	66.0	28.0	9.7	3.4	2.2	0.0
27.5°	135.5	75.8	33.0	11.1	3.5	2.2	0.0
25°	150.0	85.2	37.9	12.6	3.6	2.3	0.0
22.5°	163.8	94.3	42.8	14.1	3.8	2.3	0.0
20°	177.0	103.2	47.5	15.6	3.9	2.3	0.0
17.5°	189.2	111.6	52.0	17.2	4.0	2.4	0.0
15°	200.4	119.4	56.3	18.8	4.2	2.4	0.0
12.5°	210.7	126.7	60.4	20.3	4.3	2.4	0.0
10°	220.0	133.3	64.2	21.8	4.4	2.5	0.0
7.5°	228.3	139.3	67.8	23.3	4.6	2.5	0.0
5°	235.6	144.6	71.1	24.7	4.7	2.5	0.0
2.5°	241.8	149.3	74.0	26.0	4.8	2.5	0.0
0°	247.0	153.2	76.6	27.2	4.9	2.5	0.0
-2.5°	253.7	158.0	80.1	28.9	5.7	2.7	0.0
-5°	259.3	162.1	83.2	30.5	6.4	2.8	0.0
-7.5°	263.7	165.3	85.8	31.9	7.1	3.0	0.0
-10°	266.9	167.8	88.0	33.2	7.8	3.1	0.0
-12.5°	268.7	169.4	89.6	34.3	8.4	3.2	0.0
-15°	269.3	170.2	90.7	35.1	9.0	3.3	0.0
-17.5°	268.5	170.1	91.2	35.8	9.6	3.4	0.0
-20°	267.8	169.1	91.1	36.2	10.1	3.5	0.0

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

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	267.9	167.3	90.3	36.5	10.6	3.6	0.0
-25°	266.7	166.7	89.0	36.4	11.0	3.7	0.0
-27.5°	264.2	166.0	86.9	36.2	11.3	3.7	0.0
-30°	260.3	164.2	84.4	35.7	11.6	3.8	0.0
-32.5°	255.0	161.4	83.3	34.9	11.8	3.8	0.0
-35°	250.1	157.5	81.6	33.9	11.9	3.8	0.0
-37.5°	244.4	153.3	79.2	32.6	12.0	3.8	0.0
-40°	237.3	149.6	76.0	31.1	11.9	3.7	0.0
-42.5°	228.9	144.9	73.7	29.6	11.8	3.7	0.0
-45°	219.2	139.2	72.3	28.5	11.6	3.6	0.0
-47.5°	208.1	132.6	70.1	26.9	11.4	3.5	0.0
-50°	198.4	125.1	67.1	26.4	11.0	3.4	0.0
-52.5°	188.0	116.7	63.4	26.1	10.6	3.3	0.0
-55°	176.4	109.8	59.0	25.4	10.1	3.2	0.0
-57.5°	163.7	102.4	54.0	24.4	9.5	3.0	0.0
-60°	150.1	93.9	48.4	23.0	8.9	2.9	0.0
-62.5°	137.0	84.5	45.0	21.4	8.4	2.7	0.0
-65°	122.5	74.1	41.2	19.5	7.8	2.5	0.0
-67.5°	106.9	64.9	36.8	17.4	7.1	2.3	0.0
-70°	90.1	56.9	32.0	15.0	6.5	2.0	0.0
-72.5°	76.6	48.3	26.9	13.2	5.7	1.8	0.0
-75°	62.9	39.1	21.3	11.5	5.0	1.6	0.0
-77.5°	48.4	29.5	17.6	9.8	4.2	1.3	0.0
-80°	33.5	22.5	14.3	7.9	3.4	1.1	0.0
-82.5°	24.6	17.0	10.8	6.0	2.6	0.8	0.0
-85°	16.5	11.4	7.3	4.0	1.7	0.5	0.0
-87.5°	8.3	5.7	3.6	2.0	0.9	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)