

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: P627763 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5E-735-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627763 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA5E-735-U-WR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N123
Light Source: (80) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

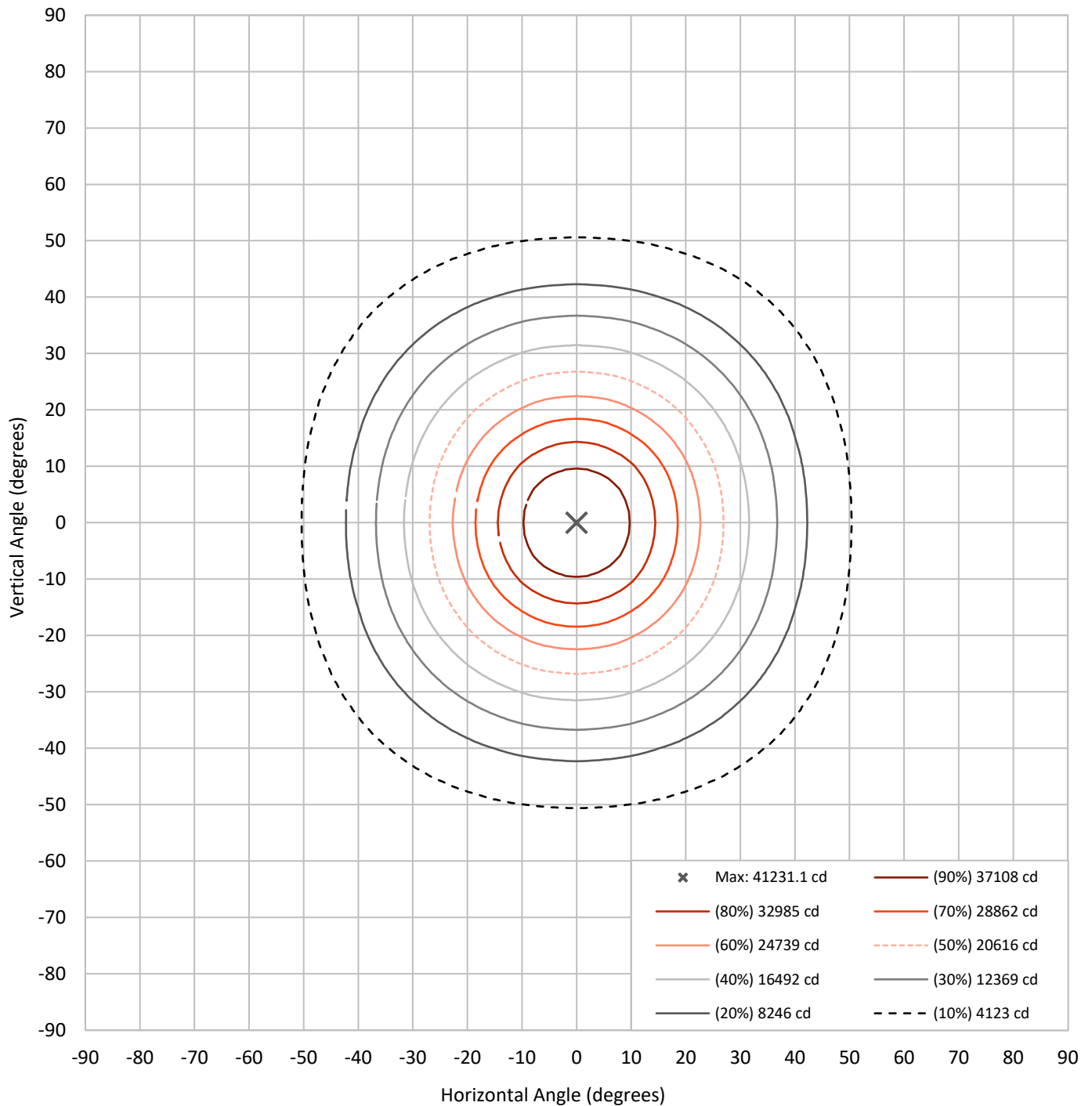
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	41963.6 lumens	Max Intensity:	41231.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	133.8 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:	20064.4 lumens	Field Lumens:	37034.3 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	313.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





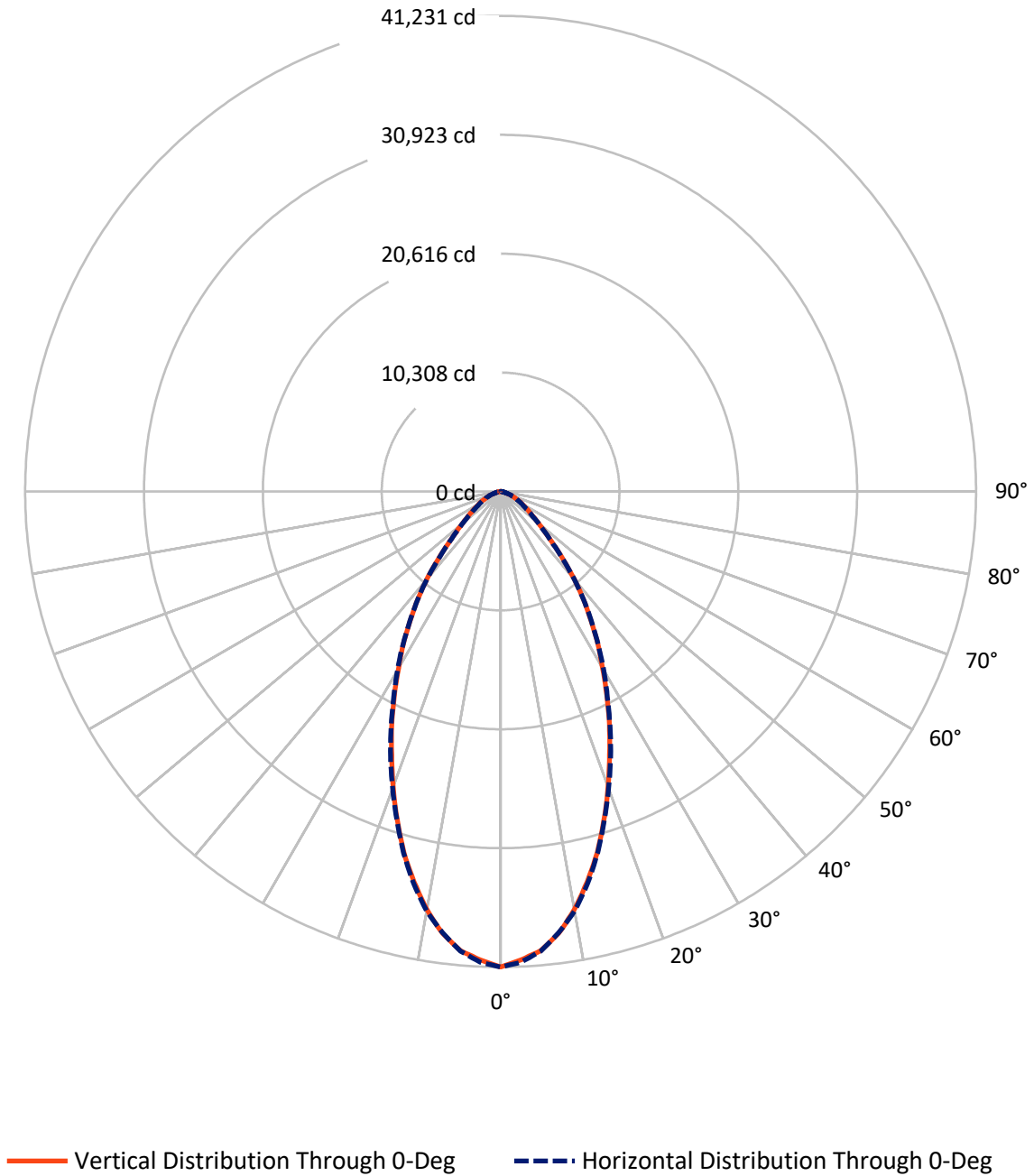
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Lumen Table

90																
80	1.6	11.6		26.4		43.9		37.6		43.9		26.4		11.6		1.6
70																
60	5.4	6.4	12.0	19.3	28.0	36.3	42.6	45.6	45.6	42.6	36.3	28.0	19.3	12.0	6.4	5.4
50		9.0	18.2	31.5	48.3	66.4	82.9	92.4	92.4	82.9	66.4	48.3	31.5	18.2	9.0	
40	8.0	11.6	25.1	47.0	79.2	121.8	167.9	198.7	198.7	167.9	121.8	79.2	47.0	25.1	11.6	8.0
30		14.1	32.9	68.3	133.0	236.2	343.1	407.0	407.0	343.1	236.2	133.0	68.3	32.9	14.1	
20	9.5	16.4	41.0	95.6	215.0	386.5	553.0	661.1	661.1	553.0	386.5	215.0	95.6	41.0	16.4	9.5
10		18.2	48.1	124.0	293.4	521.9	770.5	947.9	947.9	770.5	521.9	293.4	124.0	48.1	18.2	
0	10.0	19.2	52.2	142.4	337.9	606.8	923.3	1161.1	1161.1	923.3	606.8	337.9	142.4	52.2	19.2	10.0
-10		19.2	52.2	142.4	337.9	606.8	923.3	1161.1	1161.1	923.3	606.8	337.9	142.4	52.2	19.2	
-20	9.5	18.2	48.1	124.0	293.4	521.9	770.5	947.9	947.9	770.5	521.9	293.4	124.0	48.1	18.2	9.5
-30		16.4	41.0	95.6	215.0	386.5	553.0	661.1	661.1	553.0	386.5	215.0	95.6	41.0	16.4	
-40	8.0	14.1	32.9	68.3	133.0	236.2	343.1	407.0	407.0	343.1	236.2	133.0	68.3	32.9	14.1	8.0
-50		11.6	25.1	47.0	79.2	121.8	167.9	198.7	198.7	167.9	121.8	79.2	47.0	25.1	11.6	
-60	5.4	9.0	18.2	31.5	48.3	66.4	82.9	92.4	92.4	82.9	66.4	48.3	31.5	18.2	9.0	5.4
-70		6.4	12.0	19.3	28.0	36.3	42.6	45.6	45.6	42.6	36.3	28.0	19.3	12.0	6.4	
-80																
-90	1.6	11.6		26.4		43.9		37.6		43.9		26.4		11.6		1.6

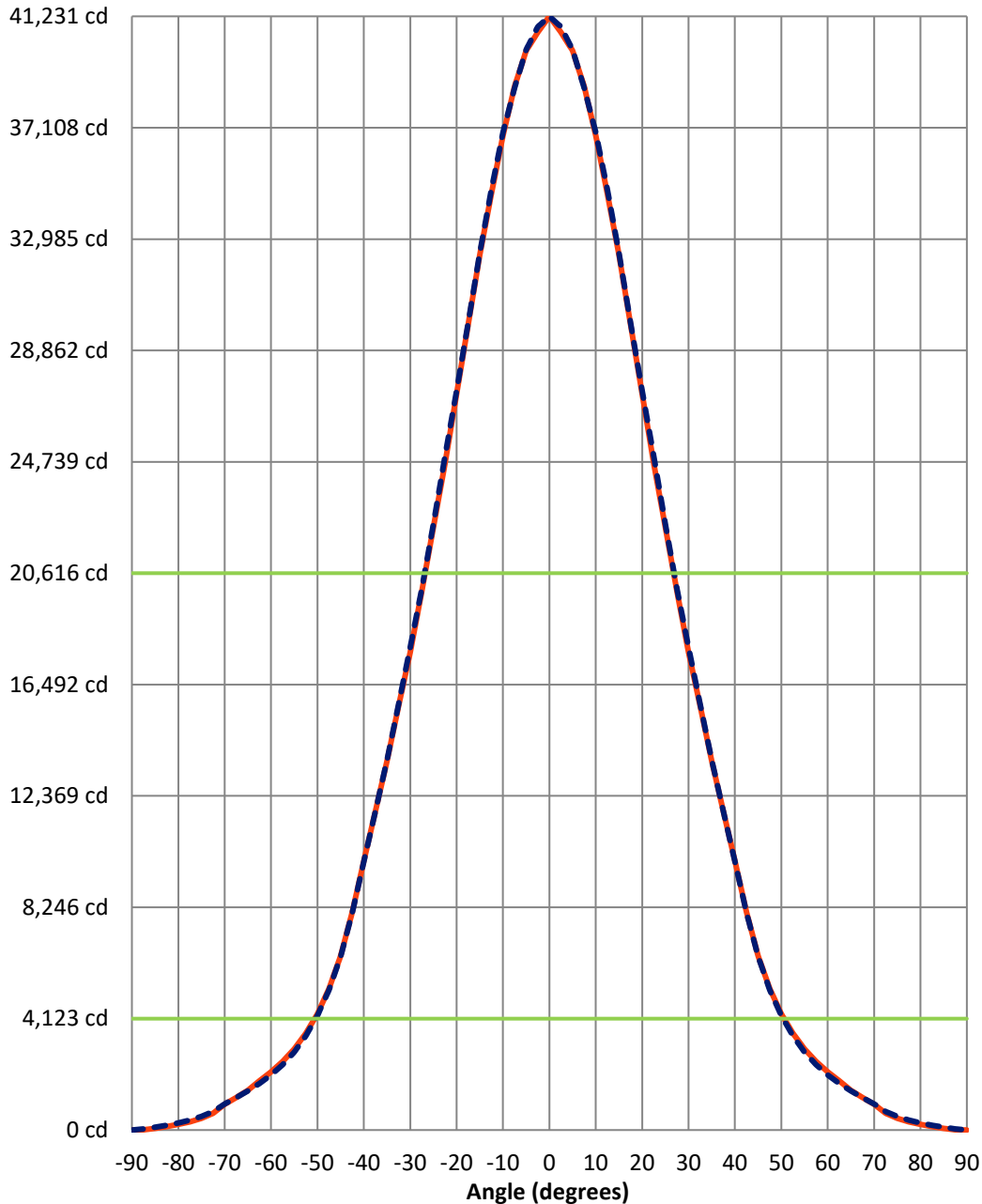
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 20064.4
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 37034.3
 Efficiency: 88.3%

Spill:
 Lumens: 4929.2
 Efficiency: 11.7%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 0-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	2.1	4.8	7.9	11.4	15.3	19.6	21.7	23.4	24.8	25.9
85°	0.0	4.2	9.6	15.8	22.7	30.5	39.1	43.4	46.9	49.7	51.8
82.5°	0.0	6.3	14.4	23.6	34.0	45.6	58.5	65.1	71.7	83.1	93.2
80°	0.0	8.3	19.1	31.3	45.1	60.6	79.5	98.7	115.5	130.5	143.8
77.5°	0.0	10.4	23.8	38.9	56.1	78.8	113.4	138.4	159.2	177.8	196.4
75°	0.0	12.4	28.4	46.5	67.9	103.0	146.4	177.9	202.8	228.2	255.4
72.5°	0.0	14.4	32.9	53.8	84.2	126.5	178.3	216.6	246.7	279.0	313.5
70°	0.0	16.3	37.3	61.5	99.8	149.0	208.6	253.2	289.8	329.0	375.1
67.5°	0.0	18.2	41.5	71.0	114.8	170.5	234.9	289.1	332.0	380.7	435.9
65°	0.0	20.0	45.6	80.2	129.0	190.3	259.9	324.1	373.7	430.5	493.5
62.5°	0.0	21.8	49.6	88.8	142.4	208.4	283.6	357.3	413.7	478.2	547.2
60°	0.0	23.6	53.4	97.0	154.9	225.4	305.7	388.8	451.9	524.4	599.1
57.5°	0.0	25.2	58.0	104.6	166.6	241.3	325.7	417.2	490.5	569.0	647.1
55°	0.0	26.8	62.5	111.6	177.5	255.8	344.1	439.8	528.2	611.8	692.9
52.5°	0.0	28.4	66.8	118.0	187.4	269.2	361.0	464.4	564.4	652.6	737.7
50°	0.0	29.8	70.9	123.8	196.5	281.5	376.3	487.5	599.4	692.3	786.8
47.5°	0.0	31.2	74.8	129.2	204.6	292.5	390.6	508.6	633.9	731.0	835.1
45°	0.0	32.5	78.5	134.4	211.7	302.3	406.6	527.5	658.7	772.9	881.7
42.5°	0.0	33.7	82.0	139.1	217.9	310.8	420.8	546.0	681.3	813.2	930.0
40°	0.0	34.8	85.2	144.2	223.4	318.0	433.3	564.0	703.7	850.7	976.8
37.5°	0.0	35.9	88.3	149.4	228.4	323.9	444.0	580.3	728.3	880.3	1021.1
35°	0.0	36.8	91.1	154.1	232.4	330.5	452.9	594.8	751.8	912.8	1066.4
32.5°	0.0	37.7	93.7	158.5	235.5	336.8	461.0	607.5	774.2	945.8	1112.8
30°	0.0	38.5	96.1	162.4	237.6	341.7	470.1	619.9	795.4	979.2	1156.6
27.5°	0.0	39.2	98.2	165.9	242.7	345.1	477.5	635.2	817.5	1012.7	1197.5
25°	0.0	39.8	100.0	168.9	247.6	347.2	483.3	649.0	842.2	1045.5	1235.8
22.5°	0.0	40.3	101.7	171.5	251.9	349.9	487.3	661.1	865.8	1075.6	1277.6
20°	0.0	40.7	103.0	173.6	255.6	356.3	489.7	671.3	888.0	1102.6	1315.1
17.5°	0.0	41.0	104.1	175.3	258.7	361.5	495.2	679.6	908.4	1126.5	1348.0
15°	0.0	41.2	105.0	176.5	261.1	365.6	501.8	687.4	926.8	1147.1	1376.3
12.5°	0.0	41.4	105.6	177.3	263.0	368.6	506.6	694.4	942.4	1164.3	1399.8
10°	0.0	41.4	106.0	177.7	264.1	370.5	509.5	698.3	954.5	1178.6	1418.9
7.5°	0.0	41.4	106.1	177.6	264.7	371.2	510.7	699.2	963.0	1189.7	1433.8
5°	0.0	41.3	105.9	177.1	264.6	370.9	510.2	697.1	967.6	1197.2	1443.6
2.5°	0.0	41.1	105.5	176.1	263.8	369.6	508.0	692.3	968.2	1200.9	1448.5
0°	0.0	40.8	104.9	174.8	262.3	367.2	504.1	684.8	964.6	1200.6	1448.3
-2.5°	0.0	41.1	105.5	176.1	263.8	369.6	508.0	692.3	968.2	1200.9	1448.5
-5°	0.0	41.3	105.9	177.1	264.6	370.9	510.2	697.1	967.6	1197.2	1443.6
-7.5°	0.0	41.4	106.1	177.6	264.7	371.2	510.7	699.2	963.0	1189.7	1433.8
-10°	0.0	41.4	106.0	177.7	264.1	370.5	509.5	698.3	954.5	1178.6	1418.9
-12.5°	0.0	41.4	105.6	177.3	263.0	368.6	506.6	694.4	942.4	1164.3	1399.8
-15°	0.0	41.2	105.0	176.5	261.1	365.6	501.8	687.4	926.8	1147.1	1376.3
-17.5°	0.0	41.0	104.1	175.3	258.7	361.5	495.2	679.6	908.4	1126.5	1348.0
-20°	0.0	40.7	103.0	173.6	255.6	356.3	489.7	671.3	888.0	1102.6	1315.1

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CATALOG NUMBER: GFLD-SA5E-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	40.3	101.7	171.5	251.9	349.9	487.3	661.1	865.8	1075.6	1277.6
-25°	0.0	39.8	100.0	168.9	247.6	347.2	483.3	649.0	842.2	1045.5	1235.8
-27.5°	0.0	39.2	98.2	165.9	242.7	345.1	477.5	635.2	817.5	1012.7	1197.5
-30°	0.0	38.5	96.1	162.4	237.6	341.7	470.1	619.9	795.4	979.2	1156.6
-32.5°	0.0	37.7	93.7	158.5	235.5	336.8	461.0	607.5	774.2	945.8	1112.8
-35°	0.0	36.8	91.1	154.1	232.4	330.5	452.9	594.8	751.8	912.8	1066.4
-37.5°	0.0	35.9	88.3	149.4	228.4	323.9	444.0	580.3	728.3	880.3	1021.1
-40°	0.0	34.8	85.2	144.2	223.4	318.0	433.3	564.0	703.7	850.7	976.8
-42.5°	0.0	33.7	82.0	139.1	217.9	310.8	420.8	546.0	681.3	813.2	930.0
-45°	0.0	32.5	78.5	134.4	211.7	302.3	406.6	527.5	658.7	772.9	881.7
-47.5°	0.0	31.2	74.8	129.2	204.6	292.5	390.6	508.6	633.9	731.0	835.1
-50°	0.0	29.8	70.9	123.8	196.5	281.5	376.3	487.5	599.4	692.3	786.8
-52.5°	0.0	28.4	66.8	118.0	187.4	269.2	361.0	464.4	564.4	652.6	737.7
-55°	0.0	26.8	62.5	111.6	177.5	255.8	344.1	439.8	528.2	611.8	692.9
-57.5°	0.0	25.2	58.0	104.6	166.6	241.3	325.7	417.2	490.5	569.0	647.1
-60°	0.0	23.6	53.4	97.0	154.9	225.4	305.7	388.8	451.9	524.4	599.1
-62.5°	0.0	21.8	49.6	88.8	142.4	208.4	283.6	357.3	413.7	478.2	547.2
-65°	0.0	20.0	45.6	80.2	129.0	190.3	259.9	324.1	373.7	430.5	493.5
-67.5°	0.0	18.2	41.5	71.0	114.8	170.5	234.9	289.1	332.0	380.7	435.9
-70°	0.0	16.3	37.3	61.5	99.8	149.0	208.6	253.2	289.8	329.0	375.1
-72.5°	0.0	14.4	32.9	53.8	84.2	126.5	178.3	216.6	246.7	279.0	313.5
-75°	0.0	12.4	28.4	46.5	67.9	103.0	146.4	177.9	202.8	228.2	255.4
-77.5°	0.0	10.4	23.8	38.9	56.1	78.8	113.4	138.4	159.2	177.8	196.4
-80°	0.0	8.3	19.1	31.3	45.1	60.6	79.5	98.7	115.5	130.5	143.8
-82.5°	0.0	6.3	14.4	23.6	34.0	45.6	58.5	65.1	71.7	83.1	93.2
-85°	0.0	4.2	9.6	15.8	22.7	30.5	39.1	43.4	46.9	49.7	51.8
-87.5°	0.0	2.1	4.8	7.9	11.4	15.3	19.6	21.7	23.4	24.8	25.9
-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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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	26.3	26.2	25.8	25.1	24.0	22.5	20.7	18.6	19.3	20.1	20.8
85°	52.6	52.6	56.9	60.9	62.8	63.0	61.8	59.1	66.8	75.6	84.9
82.5°	102.6	111.5	119.9	127.8	128.6	126.6	122.7	118.1	133.7	152.5	172.2
80°	157.3	170.4	185.5	199.6	202.9	201.5	197.2	190.0	210.5	239.6	271.0
77.5°	218.3	239.1	258.5	276.3	281.5	280.7	277.4	271.7	297.8	338.1	379.9
75°	282.6	307.8	332.8	354.7	364.1	364.9	363.8	370.0	404.4	451.5	493.1
72.5°	349.6	381.7	409.9	434.1	449.2	460.7	476.0	494.7	529.4	575.7	616.5
70°	420.5	456.1	485.9	512.7	535.8	560.9	593.2	625.2	661.8	708.0	750.4
67.5°	490.4	526.6	560.1	593.1	635.2	675.5	715.7	757.5	803.6	852.2	895.0
65°	555.3	596.1	637.0	684.9	739.7	785.4	834.9	889.3	949.8	1004.4	1054.1
62.5°	617.4	663.5	714.3	772.1	831.4	888.7	955.1	1024.9	1095.6	1164.1	1232.0
60°	670.0	727.4	788.9	854.3	922.7	1000.6	1078.5	1161.6	1246.0	1328.5	1412.5
57.5°	720.6	791.5	862.4	938.5	1023.8	1112.9	1206.4	1299.9	1400.9	1500.7	1596.0
55°	773.0	856.6	937.3	1027.4	1125.2	1229.8	1335.4	1448.9	1560.3	1686.0	1801.9
52.5°	829.1	920.0	1014.8	1118.0	1232.2	1350.1	1473.9	1604.0	1742.8	1882.4	2024.0
50°	883.6	986.2	1091.7	1215.2	1342.8	1477.6	1620.6	1772.2	1933.7	2095.3	2266.7
47.5°	940.7	1050.2	1179.1	1313.2	1459.4	1612.9	1774.8	1955.0	2134.5	2338.0	2534.6
45°	997.1	1122.9	1262.8	1418.6	1579.2	1752.0	1944.5	2142.4	2371.6	2601.5	2859.8
42.5°	1051.2	1196.3	1354.1	1520.7	1703.4	1902.0	2115.1	2364.0	2622.4	2907.0	3210.1
40°	1113.4	1266.4	1444.2	1630.4	1828.4	2055.4	2311.8	2588.1	2903.4	3240.5	3584.9
37.5°	1173.6	1345.6	1533.0	1735.0	1964.9	2220.6	2503.6	2842.3	3206.1	3589.3	4057.9
35°	1230.2	1420.9	1624.6	1845.8	2094.8	2391.0	2729.6	3103.9	3523.1	4017.3	4564.0
32.5°	1290.2	1492.2	1710.9	1959.2	2241.0	2564.7	2949.1	3389.8	3885.8	4448.7	5132.7
30°	1350.7	1565.5	1796.7	2065.3	2378.9	2753.4	3190.3	3677.3	4247.9	4953.9	5756.9
27.5°	1406.6	1634.2	1887.4	2177.8	2513.0	2927.5	3422.0	3992.9	4665.2	5463.0	6401.0
25°	1458.0	1696.6	1970.7	2285.0	2660.9	3115.4	3651.6	4283.8	5082.7	6034.0	7188.0
22.5°	1507.0	1753.5	2045.9	2381.4	2794.1	3297.3	3900.8	4624.2	5507.3	6575.0	7958.9
20°	1553.0	1815.0	2120.7	2473.6	2913.1	3461.6	4129.9	4942.0	5946.9	7210.9	8714.9
17.5°	1593.4	1869.3	2191.5	2573.2	3045.8	3628.5	4346.1	5222.5	6338.2	7778.8	9412.4
15°	1628.1	1916.1	2252.7	2659.5	3165.2	3794.4	4572.8	5530.2	6746.4	8295.2	10024.9
12.5°	1657.0	1955.2	2304.2	2732.1	3265.6	3934.7	4766.5	5804.4	7144.0	8781.6	10562.6
10°	1680.0	1986.6	2345.6	2790.7	3346.6	4048.6	4926.1	6028.7	7474.9	9198.6	11017.5
7.5°	1699.2	2011.2	2377.3	2835.2	3407.8	4135.5	5050.3	6201.8	7733.5	9528.7	11366.5
5°	1712.9	2028.8	2401.5	2866.3	3452.7	4196.2	5137.2	6322.9	7917.4	9768.0	11605.2
2.5°	1720.6	2038.3	2415.3	2882.8	3480.3	4230.5	5182.8	6398.8	8018.5	9904.5	11749.4
0°	1722.2	2039.8	2418.7	2884.9	3488.1	4237.0	5189.9	6422.6	8039.9	9939.9	11801.9
-2.5°	1720.6	2038.3	2415.3	2882.8	3480.3	4230.5	5182.8	6398.8	8018.5	9904.5	11749.4
-5°	1712.9	2028.8	2401.5	2866.3	3452.7	4196.2	5137.2	6322.9	7917.4	9768.0	11605.2
-7.5°	1699.2	2011.2	2377.3	2835.2	3407.8	4135.5	5050.3	6201.8	7733.5	9528.7	11366.5
-10°	1680.0	1986.6	2345.6	2790.7	3346.6	4048.6	4926.1	6028.7	7474.9	9198.6	11017.5
-12.5°	1657.0	1955.2	2304.2	2732.1	3265.6	3934.7	4766.5	5804.4	7144.0	8781.6	10562.6
-15°	1628.1	1916.1	2252.7	2659.5	3165.2	3794.4	4572.8	5530.2	6746.4	8295.2	10024.9
-17.5°	1593.4	1869.3	2191.5	2573.2	3045.8	3628.5	4346.1	5222.5	6338.2	7778.8	9412.4
-20°	1553.0	1815.0	2120.7	2473.6	2913.1	3461.6	4129.9	4942.0	5946.9	7210.9	8714.9

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

Scaled Data Report



REPORT NUMBER: P627763 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-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°	1507.0	1753.5	2045.9	2381.4	2794.1	3297.3	3900.8	4624.2	5507.3	6575.0	7958.9
-25°	1458.0	1696.6	1970.7	2285.0	2660.9	3115.4	3651.6	4283.8	5082.7	6034.0	7188.0
-27.5°	1406.6	1634.2	1887.4	2177.8	2513.0	2927.5	3422.0	3992.9	4665.2	5463.0	6401.0
-30°	1350.7	1565.5	1796.7	2065.3	2378.9	2753.4	3190.3	3677.3	4247.9	4953.9	5756.9
-32.5°	1290.2	1492.2	1710.9	1959.2	2241.0	2564.7	2949.1	3389.8	3885.8	4448.7	5132.7
-35°	1230.2	1420.9	1624.6	1845.8	2094.8	2391.0	2729.6	3103.9	3523.1	4017.3	4564.0
-37.5°	1173.6	1345.6	1533.0	1735.0	1964.9	2220.6	2503.6	2842.3	3206.1	3589.3	4057.9
-40°	1113.4	1266.4	1444.2	1630.4	1828.4	2055.4	2311.8	2588.1	2903.4	3240.5	3584.9
-42.5°	1051.2	1196.3	1354.1	1520.7	1703.4	1902.0	2115.1	2364.0	2622.4	2907.0	3210.1
-45°	997.1	1122.9	1262.8	1418.6	1579.2	1752.0	1944.5	2142.4	2371.6	2601.5	2859.8
-47.5°	940.7	1050.2	1179.1	1313.2	1459.4	1612.9	1774.8	1955.0	2134.5	2338.0	2534.6
-50°	883.6	986.2	1091.7	1215.2	1342.8	1477.6	1620.6	1772.2	1933.7	2095.3	2266.7
-52.5°	829.1	920.0	1014.8	1118.0	1232.2	1350.1	1473.9	1604.0	1742.8	1882.4	2024.0
-55°	773.0	856.6	937.3	1027.4	1125.2	1229.8	1335.4	1448.9	1560.3	1686.0	1801.9
-57.5°	720.6	791.5	862.4	938.5	1023.8	1112.9	1206.4	1299.9	1400.9	1500.7	1596.0
-60°	670.0	727.4	788.9	854.3	922.7	1000.6	1078.5	1161.6	1246.0	1328.5	1412.5
-62.5°	617.4	663.5	714.3	772.1	831.4	888.7	955.1	1024.9	1095.6	1164.1	1232.0
-65°	555.3	596.1	637.0	684.9	739.7	785.4	834.9	889.3	949.8	1004.4	1054.1
-67.5°	490.4	526.6	560.1	593.1	635.2	675.5	715.7	757.5	803.6	852.2	895.0
-70°	420.5	456.1	485.9	512.7	535.8	560.9	593.2	625.2	661.8	708.0	750.4
-72.5°	349.6	381.7	409.9	434.1	449.2	460.7	476.0	494.7	529.4	575.7	616.5
-75°	282.6	307.8	332.8	354.7	364.1	364.9	363.8	370.0	404.4	451.5	493.1
-77.5°	218.3	239.1	258.5	276.3	281.5	280.7	277.4	271.7	297.8	338.1	379.9
-80°	157.3	170.4	185.5	199.6	202.9	201.5	197.2	190.0	210.5	239.6	271.0
-82.5°	102.6	111.5	119.9	127.8	128.6	126.6	122.7	118.1	133.7	152.5	172.2
-85°	52.6	52.6	56.9	60.9	62.8	63.0	61.8	59.1	66.8	75.6	84.9
-87.5°	26.3	26.2	25.8	25.1	24.0	22.5	20.7	18.6	19.3	20.1	20.8
-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: P627763 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-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°	21.5	20.9	20.2	19.4	18.5	18.2	17.8	17.4	16.9	15.7	14.4
85°	94.7	96.9	98.0	98.6	98.7	101.8	104.8	107.5	109.8	99.6	88.2
82.5°	192.7	201.8	209.7	217.6	225.4	230.7	234.8	237.7	239.6	216.9	191.4
80°	303.3	322.3	338.0	353.1	367.5	371.1	371.0	368.9	365.0	333.9	298.8
77.5°	421.9	446.7	466.5	486.0	505.3	512.4	515.8	518.4	520.2	481.8	434.5
75°	529.3	559.0	586.7	612.3	635.9	648.6	655.9	662.0	666.7	628.1	577.3
72.5°	652.0	683.4	713.3	741.7	766.8	783.4	794.3	803.2	810.2	788.2	756.4
70°	786.8	819.3	850.9	880.4	908.8	931.1	948.7	963.8	976.4	978.8	977.8
67.5°	936.5	974.8	1012.4	1044.6	1078.3	1109.8	1137.6	1160.6	1179.1	1191.2	1198.0
65°	1104.5	1162.1	1213.5	1257.0	1293.4	1335.5	1372.6	1401.0	1421.0	1436.2	1449.2
62.5°	1302.4	1372.3	1431.0	1489.0	1548.9	1607.0	1643.4	1679.9	1715.5	1749.1	1777.9
60°	1493.0	1569.6	1649.1	1723.1	1791.7	1854.7	1920.0	1977.8	2028.5	2070.8	2102.3
57.5°	1696.1	1789.3	1879.7	1973.7	2062.2	2144.8	2225.4	2299.8	2364.1	2418.2	2462.5
55°	1916.4	2030.5	2137.9	2257.3	2373.0	2478.5	2575.6	2675.3	2765.0	2844.0	2906.6
52.5°	2154.0	2302.4	2444.6	2584.8	2734.8	2870.1	2991.3	3129.3	3251.7	3352.9	3431.7
50°	2437.8	2612.1	2799.9	2973.6	3162.8	3349.0	3520.8	3687.2	3849.9	3990.7	4104.5
47.5°	2760.9	2975.4	3208.0	3438.3	3673.1	3927.8	4155.1	4366.3	4593.7	4791.3	4949.7
45°	3119.9	3393.5	3674.5	3998.1	4296.4	4623.5	4926.3	5198.3	5520.9	5805.1	6034.0
42.5°	3518.4	3882.7	4252.1	4659.9	5055.4	5470.8	5912.1	6303.5	6731.4	7139.4	7469.1
40°	4012.1	4447.7	4942.4	5435.9	6003.8	6537.3	7180.0	7764.2	8294.6	8781.1	9179.8
37.5°	4560.8	5121.5	5743.1	6385.9	7163.0	7924.6	8677.0	9387.3	10014.4	10546.9	10993.5
35°	5183.8	5896.3	6649.1	7587.6	8497.9	9410.1	10260.0	11036.3	11718.4	12319.1	12829.9
32.5°	5900.3	6755.5	7809.3	8863.6	9902.1	10906.4	11839.4	12686.2	13434.2	14108.6	14696.1
30°	6653.6	7820.4	9003.3	10159.9	11294.1	12394.2	13418.2	14350.8	15196.0	15946.8	16623.6
27.5°	7610.9	8904.0	10193.8	11440.6	12688.4	13892.4	15002.1	16038.2	17008.0	17856.7	18630.3
25°	8536.9	9965.3	11336.5	12695.9	14054.2	15346.8	16587.6	17757.9	18868.7	19842.7	20706.3
22.5°	9462.7	10957.8	12423.0	13884.7	15343.8	16784.9	18178.1	19518.8	20761.1	21870.2	22842.3
20°	10320.1	11883.2	13449.9	15025.7	16607.3	18184.7	19749.5	21258.4	22642.3	23922.7	25048.0
17.5°	11088.9	12751.2	14412.3	16097.8	17812.3	19524.8	21263.1	22954.6	24536.7	25993.6	27299.0
15°	11769.6	13504.1	15288.2	17107.0	18948.0	20808.0	22704.8	24597.2	26378.1	28032.9	29490.2
12.5°	12364.8	14168.1	16037.9	17970.6	19968.7	21994.9	24065.0	26139.4	28110.9	30021.4	31595.0
10°	12855.9	14732.8	16687.2	18717.8	20825.0	23005.8	25226.6	27459.6	29631.8	31658.4	33457.8
7.5°	13235.2	15182.4	17196.3	19308.2	21519.0	23818.7	26171.3	28540.9	30859.0	33042.8	35033.8
5°	13502.8	15509.6	17548.9	19745.8	22033.3	24416.4	26861.5	29330.9	31754.2	34050.4	36113.8
2.5°	13658.1	15706.1	17754.1	20011.6	22339.2	24778.1	27289.6	29799.5	32286.7	34668.3	36788.7
0°	13699.0	15765.1	17871.9	20040.0	22435.4	24947.3	27368.9	29886.6	32471.4	34820.1	36932.8
-2.5°	13658.1	15706.1	17754.1	20011.6	22339.2	24778.1	27289.6	29799.5	32286.7	34668.3	36788.7
-5°	13502.8	15509.6	17548.9	19745.8	22033.3	24416.4	26861.5	29330.9	31754.2	34050.4	36113.8
-7.5°	13235.2	15182.4	17196.3	19308.2	21519.0	23818.7	26171.3	28540.9	30859.0	33042.8	35033.8
-10°	12855.9	14732.8	16687.2	18717.8	20825.0	23005.8	25226.6	27459.6	29631.8	31658.4	33457.8
-12.5°	12364.8	14168.1	16037.9	17970.6	19968.7	21994.9	24065.0	26139.4	28110.9	30021.4	31595.0
-15°	11769.6	13504.1	15288.2	17107.0	18948.0	20808.0	22704.8	24597.2	26378.1	28032.9	29490.2
-17.5°	11088.9	12751.2	14412.3	16097.8	17812.3	19524.8	21263.1	22954.6	24536.7	25993.6	27299.0
-20°	10320.1	11883.2	13449.9	15025.7	16607.3	18184.7	19749.5	21258.4	22642.3	23922.7	25048.0

Classified

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Scaled Data Report



REPORT NUMBER: P627763 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-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°	9462.7	10957.8	12423.0	13884.7	15343.8	16784.9	18178.1	19518.8	20761.1	21870.2	22842.3
-25°	8536.9	9965.3	11336.5	12695.9	14054.2	15346.8	16587.6	17757.9	18868.7	19842.7	20706.3
-27.5°	7610.9	8904.0	10193.8	11440.6	12688.4	13892.4	15002.1	16038.2	17008.0	17856.7	18630.3
-30°	6653.6	7820.4	9003.3	10159.9	11294.1	12394.2	13418.2	14350.8	15196.0	15946.8	16623.6
-32.5°	5900.3	6755.5	7809.3	8863.6	9902.1	10906.4	11839.4	12686.2	13434.2	14108.6	14696.1
-35°	5183.8	5896.3	6649.1	7587.6	8497.9	9410.1	10260.0	11036.3	11718.4	12319.1	12829.9
-37.5°	4560.8	5121.5	5743.1	6385.9	7163.0	7924.6	8677.0	9387.3	10014.4	10546.9	10993.5
-40°	4012.1	4447.7	4942.4	5435.9	6003.8	6537.3	7180.0	7764.2	8294.6	8781.1	9179.8
-42.5°	3518.4	3882.7	4252.1	4659.9	5055.4	5470.8	5912.1	6303.5	6731.4	7139.4	7469.1
-45°	3119.9	3393.5	3674.5	3998.1	4296.4	4623.5	4926.3	5198.3	5520.9	5805.1	6034.0
-47.5°	2760.9	2975.4	3208.0	3438.3	3673.1	3927.8	4155.1	4366.3	4593.7	4791.3	4949.7
-50°	2437.8	2612.1	2799.9	2973.6	3162.8	3349.0	3520.8	3687.2	3849.9	3990.7	4104.5
-52.5°	2154.0	2302.4	2444.6	2584.8	2734.8	2870.1	2991.3	3129.3	3251.7	3352.9	3431.7
-55°	1916.4	2030.5	2137.9	2257.3	2373.0	2478.5	2575.6	2675.3	2765.0	2844.0	2906.6
-57.5°	1696.1	1789.3	1879.7	1973.7	2062.2	2144.8	2225.4	2299.8	2364.1	2418.2	2462.5
-60°	1493.0	1569.6	1649.1	1723.1	1791.7	1854.7	1920.0	1977.8	2028.5	2070.8	2102.3
-62.5°	1302.4	1372.3	1431.0	1489.0	1548.9	1607.0	1643.4	1679.9	1715.5	1749.1	1777.9
-65°	1104.5	1162.1	1213.5	1257.0	1293.4	1335.5	1372.6	1401.0	1421.0	1436.2	1449.2
-67.5°	936.5	974.8	1012.4	1044.6	1078.3	1109.8	1137.6	1160.6	1179.1	1191.2	1198.0
-70°	786.8	819.3	850.9	880.4	908.8	931.1	948.7	963.8	976.4	978.8	977.8
-72.5°	652.0	683.4	713.3	741.7	766.8	783.4	794.3	803.2	810.2	788.2	756.4
-75°	529.3	559.0	586.7	612.3	635.9	648.6	655.9	662.0	666.7	628.1	577.3
-77.5°	421.9	446.7	466.5	486.0	505.3	512.4	515.8	518.4	520.2	481.8	434.5
-80°	303.3	322.3	338.0	353.1	367.5	371.1	371.0	368.9	365.0	333.9	298.8
-82.5°	192.7	201.8	209.7	217.6	225.4	230.7	234.8	237.7	239.6	216.9	191.4
-85°	94.7	96.9	98.0	98.6	98.7	101.8	104.8	107.5	109.8	99.6	88.2
-87.5°	21.5	20.9	20.2	19.4	18.5	18.2	17.8	17.4	16.9	15.7	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: P627763 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-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°	13.0	11.7	10.2	8.7	10.2	11.7	13.0	14.4	15.7	16.9	17.4
85°	76.3	63.8	62.6	61.2	62.6	63.8	76.3	88.2	99.6	109.8	107.5
82.5°	164.6	136.7	132.4	128.2	132.4	136.7	164.6	191.4	216.9	239.6	237.7
80°	262.1	224.3	216.9	209.8	216.9	224.3	262.1	298.8	333.9	365.0	368.9
77.5°	384.6	332.7	317.5	303.1	317.5	332.7	384.6	434.5	481.8	520.2	518.4
75°	524.6	470.0	451.5	434.2	451.5	470.0	524.6	577.3	628.1	666.7	662.0
72.5°	724.3	691.0	657.4	620.7	657.4	691.0	724.3	756.4	788.2	810.2	803.2
70°	976.7	974.3	965.9	952.9	965.9	974.3	976.7	977.8	978.8	976.4	963.8
67.5°	1201.0	1200.0	1202.9	1203.5	1202.9	1200.0	1201.0	1198.0	1191.2	1179.1	1160.6
65°	1457.2	1460.0	1466.0	1468.7	1466.0	1460.0	1457.2	1449.2	1436.2	1421.0	1401.0
62.5°	1799.9	1814.8	1822.1	1821.3	1822.1	1814.8	1799.9	1777.9	1749.1	1715.5	1679.9
60°	2125.9	2141.3	2151.0	2153.5	2151.0	2141.3	2125.9	2102.3	2070.8	2028.5	1977.8
57.5°	2497.5	2522.8	2536.2	2538.1	2536.2	2522.8	2497.5	2462.5	2418.2	2364.1	2299.8
55°	2954.7	2988.2	3003.3	3001.5	3003.3	2988.2	2954.7	2906.6	2844.0	2765.0	2675.3
52.5°	3491.3	3532.2	3562.8	3581.4	3562.8	3532.2	3491.3	3431.7	3352.9	3251.7	3129.3
50°	4190.0	4248.6	4285.9	4301.2	4285.9	4248.6	4190.0	4104.5	3990.7	3849.9	3687.2
47.5°	5064.2	5141.9	5199.4	5239.5	5199.4	5141.9	5064.2	4949.7	4791.3	4593.7	4366.3
45°	6203.0	6321.4	6401.8	6448.8	6401.8	6321.4	6203.0	6034.0	5805.1	5520.9	5198.3
42.5°	7726.6	7910.3	8022.9	8066.1	8022.9	7910.3	7726.6	7469.1	7139.4	6731.4	6303.5
40°	9494.6	9715.4	9860.2	9960.3	9860.2	9715.4	9494.6	9179.8	8781.1	8294.6	7764.2
37.5°	11336.2	11568.1	11709.1	11804.9	11709.1	11568.1	11336.2	10993.5	10546.9	10014.4	9387.3
35°	13215.0	13457.7	13590.0	13664.0	13590.0	13457.7	13215.0	12829.9	12319.1	11718.4	11036.3
32.5°	15143.8	15411.3	15555.2	15703.9	15555.2	15411.3	15143.8	14696.1	14108.6	13434.2	12686.2
30°	17158.4	17465.3	17615.8	17688.4	17615.8	17465.3	17158.4	16623.6	15946.8	15196.0	14350.8
27.5°	19254.6	19637.2	19825.6	19949.7	19825.6	19637.2	19254.6	18630.3	17856.7	17008.0	16038.2
25°	21435.8	21909.8	22125.6	22318.8	22125.6	21909.8	21435.8	20706.3	19842.7	18868.7	17757.9
22.5°	23698.8	24289.1	24539.1	24676.3	24539.1	24289.1	23698.8	22842.3	21870.2	20761.1	19518.8
20°	26020.9	26726.2	27073.5	27252.3	27073.5	26726.2	26020.9	25048.0	23922.7	22642.3	21258.4
17.5°	28395.4	29272.8	29722.2	29825.4	29722.2	29272.8	28395.4	27299.0	25993.6	24536.7	22954.6
15°	30726.5	31675.5	32206.8	32401.4	32206.8	31675.5	30726.5	29490.2	28032.9	26378.1	24597.2
12.5°	32934.1	33917.8	34552.6	34665.7	34552.6	33917.8	32934.1	31595.0	30021.4	28110.9	26139.4
10°	34936.3	35955.3	36656.5	36816.2	36656.5	35955.3	34936.3	33457.8	31658.4	29631.8	27459.6
7.5°	36610.1	37728.2	38502.8	38637.5	38502.8	37728.2	36610.1	35033.8	33042.8	30859.0	28540.9
5°	37834.7	39162.2	39798.0	39957.6	39798.0	39162.2	37834.7	36113.8	34050.4	31754.2	29330.9
2.5°	38506.5	39857.9	40741.5	40639.5	40741.5	39857.9	38506.5	36788.7	34668.3	32286.7	29799.5
0°	38582.2	39995.5	40840.6	41231.1	40840.6	39995.5	38582.2	36932.8	34820.1	32471.4	29886.6
-2.5°	38506.5	39857.9	40741.5	40639.5	40741.5	39857.9	38506.5	36788.7	34668.3	32286.7	29799.5
-5°	37834.7	39162.2	39798.0	39957.6	39798.0	39162.2	37834.7	36113.8	34050.4	31754.2	29330.9
-7.5°	36610.1	37728.2	38502.8	38637.5	38502.8	37728.2	36610.1	35033.8	33042.8	30859.0	28540.9
-10°	34936.3	35955.3	36656.5	36816.2	36656.5	35955.3	34936.3	33457.8	31658.4	29631.8	27459.6
-12.5°	32934.1	33917.8	34552.6	34665.7	34552.6	33917.8	32934.1	31595.0	30021.4	28110.9	26139.4
-15°	30726.5	31675.5	32206.8	32401.4	32206.8	31675.5	30726.5	29490.2	28032.9	26378.1	24597.2
-17.5°	28395.4	29272.8	29722.2	29825.4	29722.2	29272.8	28395.4	27299.0	25993.6	24536.7	22954.6
-20°	26020.9	26726.2	27073.5	27252.3	27073.5	26726.2	26020.9	25048.0	23922.7	22642.3	21258.4



REPORT NUMBER: P627763 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-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°	23698.8	24289.1	24539.1	24676.3	24539.1	24289.1	23698.8	22842.3	21870.2	20761.1	19518.8
-25°	21435.8	21909.8	22125.6	22318.8	22125.6	21909.8	21435.8	20706.3	19842.7	18868.7	17757.9
-27.5°	19254.6	19637.2	19825.6	19949.7	19825.6	19637.2	19254.6	18630.3	17856.7	17008.0	16038.2
-30°	17158.4	17465.3	17615.8	17688.4	17615.8	17465.3	17158.4	16623.6	15946.8	15196.0	14350.8
-32.5°	15143.8	15411.3	15555.2	15703.9	15555.2	15411.3	15143.8	14696.1	14108.6	13434.2	12686.2
-35°	13215.0	13457.7	13590.0	13664.0	13590.0	13457.7	13215.0	12829.9	12319.1	11718.4	11036.3
-37.5°	11336.2	11568.1	11709.1	11804.9	11709.1	11568.1	11336.2	10993.5	10546.9	10014.4	9387.3
-40°	9494.6	9715.4	9860.2	9960.3	9860.2	9715.4	9494.6	9179.8	8781.1	8294.6	7764.2
-42.5°	7726.6	7910.3	8022.9	8066.1	8022.9	7910.3	7726.6	7469.1	7139.4	6731.4	6303.5
-45°	6203.0	6321.4	6401.8	6448.8	6401.8	6321.4	6203.0	6034.0	5805.1	5520.9	5198.3
-47.5°	5064.2	5141.9	5199.4	5239.5	5199.4	5141.9	5064.2	4949.7	4791.3	4593.7	4366.3
-50°	4190.0	4248.6	4285.9	4301.2	4285.9	4248.6	4190.0	4104.5	3990.7	3849.9	3687.2
-52.5°	3491.3	3532.2	3562.8	3581.4	3562.8	3532.2	3491.3	3431.7	3352.9	3251.7	3129.3
-55°	2954.7	2988.2	3003.3	3001.5	3003.3	2988.2	2954.7	2906.6	2844.0	2765.0	2675.3
-57.5°	2497.5	2522.8	2536.2	2538.1	2536.2	2522.8	2497.5	2462.5	2418.2	2364.1	2299.8
-60°	2125.9	2141.3	2151.0	2153.5	2151.0	2141.3	2125.9	2102.3	2070.8	2028.5	1977.8
-62.5°	1799.9	1814.8	1822.1	1821.3	1822.1	1814.8	1799.9	1777.9	1749.1	1715.5	1679.9
-65°	1457.2	1460.0	1466.0	1468.7	1466.0	1460.0	1457.2	1449.2	1436.2	1421.0	1401.0
-67.5°	1201.0	1200.0	1202.9	1203.5	1202.9	1200.0	1201.0	1198.0	1191.2	1179.1	1160.6
-70°	976.7	974.3	965.9	952.9	965.9	974.3	976.7	977.8	978.8	976.4	963.8
-72.5°	724.3	691.0	657.4	620.7	657.4	691.0	724.3	756.4	788.2	810.2	803.2
-75°	524.6	470.0	451.5	434.2	451.5	470.0	524.6	577.3	628.1	666.7	662.0
-77.5°	384.6	332.7	317.5	303.1	317.5	332.7	384.6	434.5	481.8	520.2	518.4
-80°	262.1	224.3	216.9	209.8	216.9	224.3	262.1	298.8	333.9	365.0	368.9
-82.5°	164.6	136.7	132.4	128.2	132.4	136.7	164.6	191.4	216.9	239.6	237.7
-85°	76.3	63.8	62.6	61.2	62.6	63.8	76.3	88.2	99.6	109.8	107.5
-87.5°	13.0	11.7	10.2	8.7	10.2	11.7	13.0	14.4	15.7	16.9	17.4
-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: P627763 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-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°	17.8	18.2	18.5	19.4	20.2	20.9	21.5	20.8	20.1	19.3	18.6
85°	104.8	101.8	98.7	98.6	98.0	96.9	94.7	84.9	75.6	66.8	59.1
82.5°	234.8	230.7	225.4	217.6	209.7	201.8	192.7	172.2	152.5	133.7	118.1
80°	371.0	371.1	367.5	353.1	338.0	322.3	303.3	271.0	239.6	210.5	190.0
77.5°	515.8	512.4	505.3	486.0	466.5	446.7	421.9	379.9	338.1	297.8	271.7
75°	655.9	648.6	635.9	612.3	586.7	559.0	529.3	493.1	451.5	404.4	370.0
72.5°	794.3	783.4	766.8	741.7	713.3	683.4	652.0	616.5	575.7	529.4	494.7
70°	948.7	931.1	908.8	880.4	850.9	819.3	786.8	750.4	708.0	661.8	625.2
67.5°	1137.6	1109.8	1078.3	1044.6	1012.4	974.8	936.5	895.0	852.2	803.6	757.5
65°	1372.6	1335.5	1293.4	1257.0	1213.5	1162.1	1104.5	1054.1	1004.4	949.8	889.3
62.5°	1643.4	1607.0	1548.9	1489.0	1431.0	1372.3	1302.4	1232.0	1164.1	1095.6	1024.9
60°	1920.0	1854.7	1791.7	1723.1	1649.1	1569.6	1493.0	1412.5	1328.5	1246.0	1161.6
57.5°	2225.4	2144.8	2062.2	1973.7	1879.7	1789.3	1696.1	1596.0	1500.7	1400.9	1299.9
55°	2575.6	2478.5	2373.0	2257.3	2137.9	2030.5	1916.4	1801.9	1686.0	1560.3	1448.9
52.5°	2991.3	2870.1	2734.8	2584.8	2444.6	2302.4	2154.0	2024.0	1882.4	1742.8	1604.0
50°	3520.8	3349.0	3162.8	2973.6	2799.9	2612.1	2437.8	2266.7	2095.3	1933.7	1772.2
47.5°	4155.1	3927.8	3673.1	3438.3	3208.0	2975.4	2760.9	2534.6	2338.0	2134.5	1955.0
45°	4926.3	4623.5	4296.4	3998.1	3674.5	3393.5	3119.9	2859.8	2601.5	2371.6	2142.4
42.5°	5912.1	5470.8	5055.4	4659.9	4252.1	3882.7	3518.4	3210.1	2907.0	2622.4	2364.0
40°	7180.0	6537.3	6003.8	5435.9	4942.4	4447.7	4012.1	3584.9	3240.5	2903.4	2588.1
37.5°	8677.0	7924.6	7163.0	6385.9	5743.1	5121.5	4560.8	4057.9	3589.3	3206.1	2842.3
35°	10260.0	9410.1	8497.9	7587.6	6649.1	5896.3	5183.8	4564.0	4017.3	3523.1	3103.9
32.5°	11839.4	10906.4	9902.1	8863.6	7809.3	6755.5	5900.3	5132.7	4448.7	3885.8	3389.8
30°	13418.2	12394.2	11294.1	10159.9	9003.3	7820.4	6653.6	5756.9	4953.9	4247.9	3677.3
27.5°	15002.1	13892.4	12688.4	11440.6	10193.8	8904.0	7610.9	6401.0	5463.0	4665.2	3992.9
25°	16587.6	15346.8	14054.2	12695.9	11336.5	9965.3	8536.9	7188.0	6034.0	5082.7	4283.8
22.5°	18178.1	16784.9	15343.8	13884.7	12423.0	10957.8	9462.7	7958.9	6575.0	5507.3	4624.2
20°	19749.5	18184.7	16607.3	15025.7	13449.9	11883.2	10320.1	8714.9	7210.9	5946.9	4942.0
17.5°	21263.1	19524.8	17812.3	16097.8	14412.3	12751.2	11088.9	9412.4	7778.8	6338.2	5222.5
15°	22704.8	20808.0	18948.0	17107.0	15288.2	13504.1	11769.6	10024.9	8295.2	6746.4	5530.2
12.5°	24065.0	21994.9	19968.7	17970.6	16037.9	14168.1	12364.8	10562.6	8781.6	7144.0	5804.4
10°	25226.6	23005.8	20825.0	18717.8	16687.2	14732.8	12855.9	11017.5	9198.6	7474.9	6028.7
7.5°	26171.3	23818.7	21519.0	19308.2	17196.3	15182.4	13235.2	11366.5	9528.7	7733.5	6201.8
5°	26861.5	24416.4	22033.3	19745.8	17548.9	15509.6	13502.8	11605.2	9768.0	7917.4	6322.9
2.5°	27289.6	24778.1	22339.2	20011.6	17754.1	15706.1	13658.1	11749.4	9904.5	8018.5	6398.8
0°	27368.9	24947.3	22435.4	20040.0	17871.9	15765.1	13699.0	11801.9	9939.9	8039.9	6422.6
-2.5°	27289.6	24778.1	22339.2	20011.6	17754.1	15706.1	13658.1	11749.4	9904.5	8018.5	6398.8
-5°	26861.5	24416.4	22033.3	19745.8	17548.9	15509.6	13502.8	11605.2	9768.0	7917.4	6322.9
-7.5°	26171.3	23818.7	21519.0	19308.2	17196.3	15182.4	13235.2	11366.5	9528.7	7733.5	6201.8
-10°	25226.6	23005.8	20825.0	18717.8	16687.2	14732.8	12855.9	11017.5	9198.6	7474.9	6028.7
-12.5°	24065.0	21994.9	19968.7	17970.6	16037.9	14168.1	12364.8	10562.6	8781.6	7144.0	5804.4
-15°	22704.8	20808.0	18948.0	17107.0	15288.2	13504.1	11769.6	10024.9	8295.2	6746.4	5530.2
-17.5°	21263.1	19524.8	17812.3	16097.8	14412.3	12751.2	11088.9	9412.4	7778.8	6338.2	5222.5
-20°	19749.5	18184.7	16607.3	15025.7	13449.9	11883.2	10320.1	8714.9	7210.9	5946.9	4942.0



REPORT NUMBER: P627763 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-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°	18178.1	16784.9	15343.8	13884.7	12423.0	10957.8	9462.7	7958.9	6575.0	5507.3	4624.2
-25°	16587.6	15346.8	14054.2	12695.9	11336.5	9965.3	8536.9	7188.0	6034.0	5082.7	4283.8
-27.5°	15002.1	13892.4	12688.4	11440.6	10193.8	8904.0	7610.9	6401.0	5463.0	4665.2	3992.9
-30°	13418.2	12394.2	11294.1	10159.9	9003.3	7820.4	6653.6	5756.9	4953.9	4247.9	3677.3
-32.5°	11839.4	10906.4	9902.1	8863.6	7809.3	6755.5	5900.3	5132.7	4448.7	3885.8	3389.8
-35°	10260.0	9410.1	8497.9	7587.6	6649.1	5896.3	5183.8	4564.0	4017.3	3523.1	3103.9
-37.5°	8677.0	7924.6	7163.0	6385.9	5743.1	5121.5	4560.8	4057.9	3589.3	3206.1	2842.3
-40°	7180.0	6537.3	6003.8	5435.9	4942.4	4447.7	4012.1	3584.9	3240.5	2903.4	2588.1
-42.5°	5912.1	5470.8	5055.4	4659.9	4252.1	3882.7	3518.4	3210.1	2907.0	2622.4	2364.0
-45°	4926.3	4623.5	4296.4	3998.1	3674.5	3393.5	3119.9	2859.8	2601.5	2371.6	2142.4
-47.5°	4155.1	3927.8	3673.1	3438.3	3208.0	2975.4	2760.9	2534.6	2338.0	2134.5	1955.0
-50°	3520.8	3349.0	3162.8	2973.6	2799.9	2612.1	2437.8	2266.7	2095.3	1933.7	1772.2
-52.5°	2991.3	2870.1	2734.8	2584.8	2444.6	2302.4	2154.0	2024.0	1882.4	1742.8	1604.0
-55°	2575.6	2478.5	2373.0	2257.3	2137.9	2030.5	1916.4	1801.9	1686.0	1560.3	1448.9
-57.5°	2225.4	2144.8	2062.2	1973.7	1879.7	1789.3	1696.1	1596.0	1500.7	1400.9	1299.9
-60°	1920.0	1854.7	1791.7	1723.1	1649.1	1569.6	1493.0	1412.5	1328.5	1246.0	1161.6
-62.5°	1643.4	1607.0	1548.9	1489.0	1431.0	1372.3	1302.4	1232.0	1164.1	1095.6	1024.9
-65°	1372.6	1335.5	1293.4	1257.0	1213.5	1162.1	1104.5	1054.1	1004.4	949.8	889.3
-67.5°	1137.6	1109.8	1078.3	1044.6	1012.4	974.8	936.5	895.0	852.2	803.6	757.5
-70°	948.7	931.1	908.8	880.4	850.9	819.3	786.8	750.4	708.0	661.8	625.2
-72.5°	794.3	783.4	766.8	741.7	713.3	683.4	652.0	616.5	575.7	529.4	494.7
-75°	655.9	648.6	635.9	612.3	586.7	559.0	529.3	493.1	451.5	404.4	370.0
-77.5°	515.8	512.4	505.3	486.0	466.5	446.7	421.9	379.9	338.1	297.8	271.7
-80°	371.0	371.1	367.5	353.1	338.0	322.3	303.3	271.0	239.6	210.5	190.0
-82.5°	234.8	230.7	225.4	217.6	209.7	201.8	192.7	172.2	152.5	133.7	118.1
-85°	104.8	101.8	98.7	98.6	98.0	96.9	94.7	84.9	75.6	66.8	59.1
-87.5°	17.8	18.2	18.5	19.4	20.2	20.9	21.5	20.8	20.1	19.3	18.6
-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: P627763 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-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°	20.7	22.5	24.0	25.1	25.8	26.2	26.3	25.9	24.8	23.4	21.7
85°	61.8	63.0	62.8	60.9	56.9	52.6	52.6	51.8	49.7	46.9	43.4
82.5°	122.7	126.6	128.6	127.8	119.9	111.5	102.6	93.2	83.1	71.7	65.1
80°	197.2	201.5	202.9	199.6	185.5	170.4	157.3	143.8	130.5	115.5	98.7
77.5°	277.4	280.7	281.5	276.3	258.5	239.1	218.3	196.4	177.8	159.2	138.4
75°	363.8	364.9	364.1	354.7	332.8	307.8	282.6	255.4	228.2	202.8	177.9
72.5°	476.0	460.7	449.2	434.1	409.9	381.7	349.6	313.5	279.0	246.7	216.6
70°	593.2	560.9	535.8	512.7	485.9	456.1	420.5	375.1	329.0	289.8	253.2
67.5°	715.7	675.5	635.2	593.1	560.1	526.6	490.4	435.9	380.7	332.0	289.1
65°	834.9	785.4	739.7	684.9	637.0	596.1	555.3	493.5	430.5	373.7	324.1
62.5°	955.1	888.7	831.4	772.1	714.3	663.5	617.4	547.2	478.2	413.7	357.3
60°	1078.5	1000.6	922.7	854.3	788.9	727.4	670.0	599.1	524.4	451.9	388.8
57.5°	1206.4	1112.9	1023.8	938.5	862.4	791.5	720.6	647.1	569.0	490.5	417.2
55°	1335.4	1229.8	1125.2	1027.4	937.3	856.6	773.0	692.9	611.8	528.2	439.8
52.5°	1473.9	1350.1	1232.2	1118.0	1014.8	920.0	829.1	737.7	652.6	564.4	464.4
50°	1620.6	1477.6	1342.8	1215.2	1091.7	986.2	883.6	786.8	692.3	599.4	487.5
47.5°	1774.8	1612.9	1459.4	1313.2	1179.1	1050.2	940.7	835.1	731.0	633.9	508.6
45°	1944.5	1752.0	1579.2	1418.6	1262.8	1122.9	997.1	881.7	772.9	658.7	527.5
42.5°	2115.1	1902.0	1703.4	1520.7	1354.1	1196.3	1051.2	930.0	813.2	681.3	546.0
40°	2311.8	2055.4	1828.4	1630.4	1444.2	1266.4	1113.4	976.8	850.7	703.7	564.0
37.5°	2503.6	2220.6	1964.9	1735.0	1533.0	1345.6	1173.6	1021.1	880.3	728.3	580.3
35°	2729.6	2391.0	2094.8	1845.8	1624.6	1420.9	1230.2	1066.4	912.8	751.8	594.8
32.5°	2949.1	2564.7	2241.0	1959.2	1710.9	1492.2	1290.2	1112.8	945.8	774.2	607.5
30°	3190.3	2753.4	2378.9	2065.3	1796.7	1565.5	1350.7	1156.6	979.2	795.4	619.9
27.5°	3422.0	2927.5	2513.0	2177.8	1887.4	1634.2	1406.6	1197.5	1012.7	817.5	635.2
25°	3651.6	3115.4	2660.9	2285.0	1970.7	1696.6	1458.0	1235.8	1045.5	842.2	649.0
22.5°	3900.8	3297.3	2794.1	2381.4	2045.9	1753.5	1507.0	1277.6	1075.6	865.8	661.1
20°	4129.9	3461.6	2913.1	2473.6	2120.7	1815.0	1553.0	1315.1	1102.6	888.0	671.3
17.5°	4346.1	3628.5	3045.8	2573.2	2191.5	1869.3	1593.4	1348.0	1126.5	908.4	679.6
15°	4572.8	3794.4	3165.2	2659.5	2252.7	1916.1	1628.1	1376.3	1147.1	926.8	687.4
12.5°	4766.5	3934.7	3265.6	2732.1	2304.2	1955.2	1657.0	1399.8	1164.3	942.4	694.4
10°	4926.1	4048.6	3346.6	2790.7	2345.6	1986.6	1680.0	1418.9	1178.6	954.5	698.3
7.5°	5050.3	4135.5	3407.8	2835.2	2377.3	2011.2	1699.2	1433.8	1189.7	963.0	699.2
5°	5137.2	4196.2	3452.7	2866.3	2401.5	2028.8	1712.9	1443.6	1197.2	967.6	697.1
2.5°	5182.8	4230.5	3480.3	2882.8	2415.3	2038.3	1720.6	1448.5	1200.9	968.2	692.3
0°	5189.9	4237.0	3488.1	2884.9	2418.7	2039.8	1722.2	1448.3	1200.6	964.6	684.8
-2.5°	5182.8	4230.5	3480.3	2882.8	2415.3	2038.3	1720.6	1448.5	1200.9	968.2	692.3
-5°	5137.2	4196.2	3452.7	2866.3	2401.5	2028.8	1712.9	1443.6	1197.2	967.6	697.1
-7.5°	5050.3	4135.5	3407.8	2835.2	2377.3	2011.2	1699.2	1433.8	1189.7	963.0	699.2
-10°	4926.1	4048.6	3346.6	2790.7	2345.6	1986.6	1680.0	1418.9	1178.6	954.5	698.3
-12.5°	4766.5	3934.7	3265.6	2732.1	2304.2	1955.2	1657.0	1399.8	1164.3	942.4	694.4
-15°	4572.8	3794.4	3165.2	2659.5	2252.7	1916.1	1628.1	1376.3	1147.1	926.8	687.4
-17.5°	4346.1	3628.5	3045.8	2573.2	2191.5	1869.3	1593.4	1348.0	1126.5	908.4	679.6
-20°	4129.9	3461.6	2913.1	2473.6	2120.7	1815.0	1553.0	1315.1	1102.6	888.0	671.3

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

Scaled Data Report



REPORT NUMBER: P627763 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-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°	3900.8	3297.3	2794.1	2381.4	2045.9	1753.5	1507.0	1277.6	1075.6	865.8	661.1
-25°	3651.6	3115.4	2660.9	2285.0	1970.7	1696.6	1458.0	1235.8	1045.5	842.2	649.0
-27.5°	3422.0	2927.5	2513.0	2177.8	1887.4	1634.2	1406.6	1197.5	1012.7	817.5	635.2
-30°	3190.3	2753.4	2378.9	2065.3	1796.7	1565.5	1350.7	1156.6	979.2	795.4	619.9
-32.5°	2949.1	2564.7	2241.0	1959.2	1710.9	1492.2	1290.2	1112.8	945.8	774.2	607.5
-35°	2729.6	2391.0	2094.8	1845.8	1624.6	1420.9	1230.2	1066.4	912.8	751.8	594.8
-37.5°	2503.6	2220.6	1964.9	1735.0	1533.0	1345.6	1173.6	1021.1	880.3	728.3	580.3
-40°	2311.8	2055.4	1828.4	1630.4	1444.2	1266.4	1113.4	976.8	850.7	703.7	564.0
-42.5°	2115.1	1902.0	1703.4	1520.7	1354.1	1196.3	1051.2	930.0	813.2	681.3	546.0
-45°	1944.5	1752.0	1579.2	1418.6	1262.8	1122.9	997.1	881.7	772.9	658.7	527.5
-47.5°	1774.8	1612.9	1459.4	1313.2	1179.1	1050.2	940.7	835.1	731.0	633.9	508.6
-50°	1620.6	1477.6	1342.8	1215.2	1091.7	986.2	883.6	786.8	692.3	599.4	487.5
-52.5°	1473.9	1350.1	1232.2	1118.0	1014.8	920.0	829.1	737.7	652.6	564.4	464.4
-55°	1335.4	1229.8	1125.2	1027.4	937.3	856.6	773.0	692.9	611.8	528.2	439.8
-57.5°	1206.4	1112.9	1023.8	938.5	862.4	791.5	720.6	647.1	569.0	490.5	417.2
-60°	1078.5	1000.6	922.7	854.3	788.9	727.4	670.0	599.1	524.4	451.9	388.8
-62.5°	955.1	888.7	831.4	772.1	714.3	663.5	617.4	547.2	478.2	413.7	357.3
-65°	834.9	785.4	739.7	684.9	637.0	596.1	555.3	493.5	430.5	373.7	324.1
-67.5°	715.7	675.5	635.2	593.1	560.1	526.6	490.4	435.9	380.7	332.0	289.1
-70°	593.2	560.9	535.8	512.7	485.9	456.1	420.5	375.1	329.0	289.8	253.2
-72.5°	476.0	460.7	449.2	434.1	409.9	381.7	349.6	313.5	279.0	246.7	216.6
-75°	363.8	364.9	364.1	354.7	332.8	307.8	282.6	255.4	228.2	202.8	177.9
-77.5°	277.4	280.7	281.5	276.3	258.5	239.1	218.3	196.4	177.8	159.2	138.4
-80°	197.2	201.5	202.9	199.6	185.5	170.4	157.3	143.8	130.5	115.5	98.7
-82.5°	122.7	126.6	128.6	127.8	119.9	111.5	102.6	93.2	83.1	71.7	65.1
-85°	61.8	63.0	62.8	60.9	56.9	52.6	52.6	51.8	49.7	46.9	43.4
-87.5°	20.7	22.5	24.0	25.1	25.8	26.2	26.3	25.9	24.8	23.4	21.7
-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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Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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Scaled Data Report



REPORT NUMBER: P627763 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-735-U-WR-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°	19.6	15.3	11.4	7.9	4.8	2.1	0.0
85°	39.1	30.5	22.7	15.8	9.6	4.2	0.0
82.5°	58.5	45.6	34.0	23.6	14.4	6.3	0.0
80°	79.5	60.6	45.1	31.3	19.1	8.3	0.0
77.5°	113.4	78.8	56.1	38.9	23.8	10.4	0.0
75°	146.4	103.0	67.9	46.5	28.4	12.4	0.0
72.5°	178.3	126.5	84.2	53.8	32.9	14.4	0.0
70°	208.6	149.0	99.8	61.5	37.3	16.3	0.0
67.5°	234.9	170.5	114.8	71.0	41.5	18.2	0.0
65°	259.9	190.3	129.0	80.2	45.6	20.0	0.0
62.5°	283.6	208.4	142.4	88.8	49.6	21.8	0.0
60°	305.7	225.4	154.9	97.0	53.4	23.6	0.0
57.5°	325.7	241.3	166.6	104.6	58.0	25.2	0.0
55°	344.1	255.8	177.5	111.6	62.5	26.8	0.0
52.5°	361.0	269.2	187.4	118.0	66.8	28.4	0.0
50°	376.3	281.5	196.5	123.8	70.9	29.8	0.0
47.5°	390.6	292.5	204.6	129.2	74.8	31.2	0.0
45°	406.6	302.3	211.7	134.4	78.5	32.5	0.0
42.5°	420.8	310.8	217.9	139.1	82.0	33.7	0.0
40°	433.3	318.0	223.4	144.2	85.2	34.8	0.0
37.5°	444.0	323.9	228.4	149.4	88.3	35.9	0.0
35°	452.9	330.5	232.4	154.1	91.1	36.8	0.0
32.5°	461.0	336.8	235.5	158.5	93.7	37.7	0.0
30°	470.1	341.7	237.6	162.4	96.1	38.5	0.0
27.5°	477.5	345.1	242.7	165.9	98.2	39.2	0.0
25°	483.3	347.2	247.6	168.9	100.0	39.8	0.0
22.5°	487.3	349.9	251.9	171.5	101.7	40.3	0.0
20°	489.7	356.3	255.6	173.6	103.0	40.7	0.0
17.5°	495.2	361.5	258.7	175.3	104.1	41.0	0.0
15°	501.8	365.6	261.1	176.5	105.0	41.2	0.0
12.5°	506.6	368.6	263.0	177.3	105.6	41.4	0.0
10°	509.5	370.5	264.1	177.7	106.0	41.4	0.0
7.5°	510.7	371.2	264.7	177.6	106.1	41.4	0.0
5°	510.2	370.9	264.6	177.1	105.9	41.3	0.0
2.5°	508.0	369.6	263.8	176.1	105.5	41.1	0.0
0°	504.1	367.2	262.3	174.8	104.9	40.8	0.0
-2.5°	508.0	369.6	263.8	176.1	105.5	41.1	0.0
-5°	510.2	370.9	264.6	177.1	105.9	41.3	0.0
-7.5°	510.7	371.2	264.7	177.6	106.1	41.4	0.0
-10°	509.5	370.5	264.1	177.7	106.0	41.4	0.0
-12.5°	506.6	368.6	263.0	177.3	105.6	41.4	0.0
-15°	501.8	365.6	261.1	176.5	105.0	41.2	0.0
-17.5°	495.2	361.5	258.7	175.3	104.1	41.0	0.0
-20°	489.7	356.3	255.6	173.6	103.0	40.7	0.0

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Scaled Data Report



REPORT NUMBER: P627763 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	487.3	349.9	251.9	171.5	101.7	40.3	0.0
-25°	483.3	347.2	247.6	168.9	100.0	39.8	0.0
-27.5°	477.5	345.1	242.7	165.9	98.2	39.2	0.0
-30°	470.1	341.7	237.6	162.4	96.1	38.5	0.0
-32.5°	461.0	336.8	235.5	158.5	93.7	37.7	0.0
-35°	452.9	330.5	232.4	154.1	91.1	36.8	0.0
-37.5°	444.0	323.9	228.4	149.4	88.3	35.9	0.0
-40°	433.3	318.0	223.4	144.2	85.2	34.8	0.0
-42.5°	420.8	310.8	217.9	139.1	82.0	33.7	0.0
-45°	406.6	302.3	211.7	134.4	78.5	32.5	0.0
-47.5°	390.6	292.5	204.6	129.2	74.8	31.2	0.0
-50°	376.3	281.5	196.5	123.8	70.9	29.8	0.0
-52.5°	361.0	269.2	187.4	118.0	66.8	28.4	0.0
-55°	344.1	255.8	177.5	111.6	62.5	26.8	0.0
-57.5°	325.7	241.3	166.6	104.6	58.0	25.2	0.0
-60°	305.7	225.4	154.9	97.0	53.4	23.6	0.0
-62.5°	283.6	208.4	142.4	88.8	49.6	21.8	0.0
-65°	259.9	190.3	129.0	80.2	45.6	20.0	0.0
-67.5°	234.9	170.5	114.8	71.0	41.5	18.2	0.0
-70°	208.6	149.0	99.8	61.5	37.3	16.3	0.0
-72.5°	178.3	126.5	84.2	53.8	32.9	14.4	0.0
-75°	146.4	103.0	67.9	46.5	28.4	12.4	0.0
-77.5°	113.4	78.8	56.1	38.9	23.8	10.4	0.0
-80°	79.5	60.6	45.1	31.3	19.1	8.3	0.0
-82.5°	58.5	45.6	34.0	23.6	14.4	6.3	0.0
-85°	39.1	30.5	22.7	15.8	9.6	4.2	0.0
-87.5°	19.6	15.3	11.4	7.9	4.8	2.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)