

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



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P627735 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA5E-727-U-MR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P627735 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/9/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA5E-727-U-MR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N113
Light Source: (80) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 36346.2 lumens
Efficiency: N/A
Efficacy: 115.9 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')

NEMA Type: 4H x 4V
Max Intensity: 116332.3 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 28.8°H x 29°V
Beam Lumens: 17671 lumens
Beam Efficiency: 48.6%

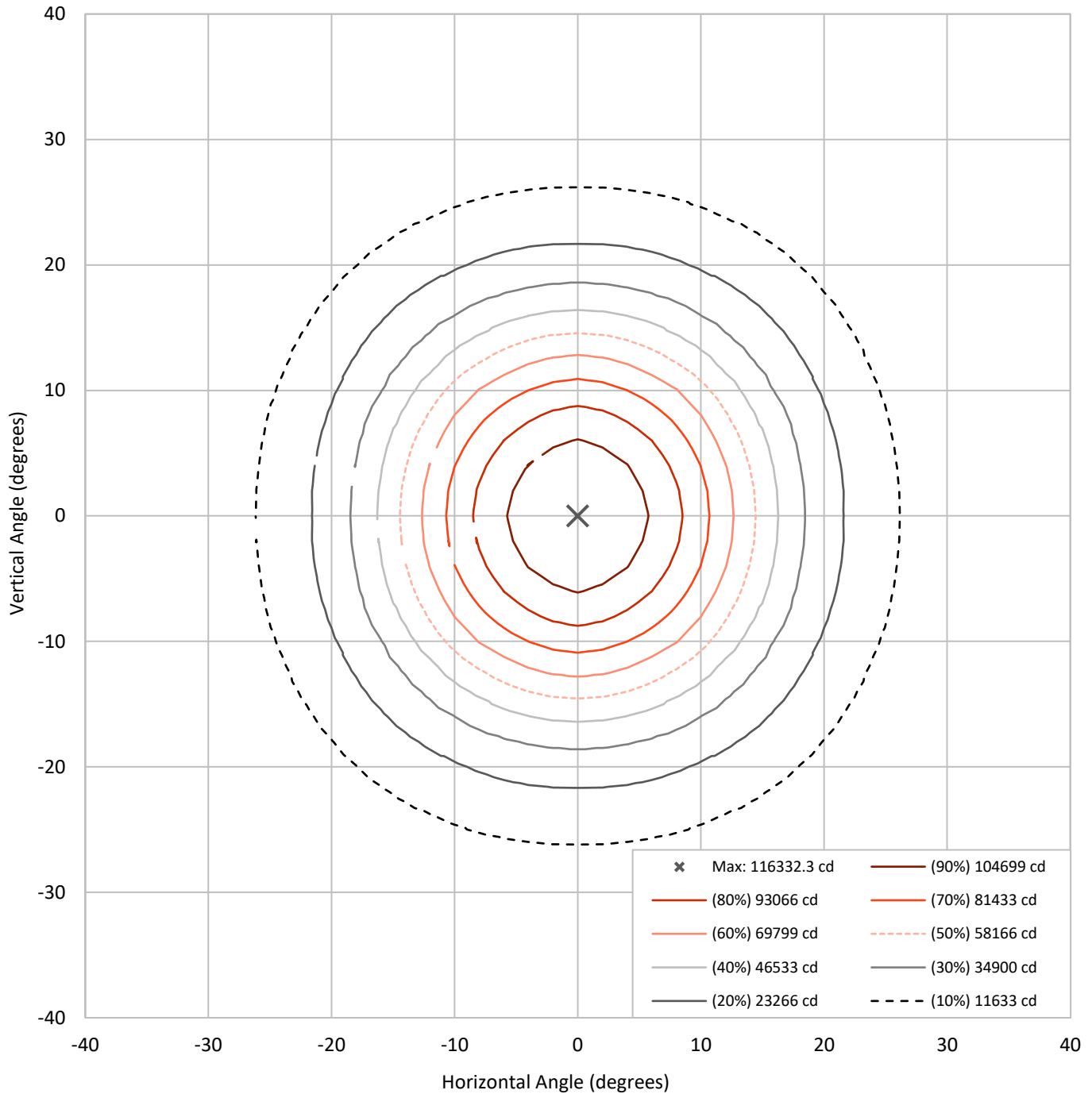
Field Angle (10%): 52.3°H x 52.3°V
Field Lumens: 29821.5 lumens
Field Efficiency: 82.0%

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



REPORT NUMBER: P627735 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5E-727-U-MR-XX

Iso-Candela Plot





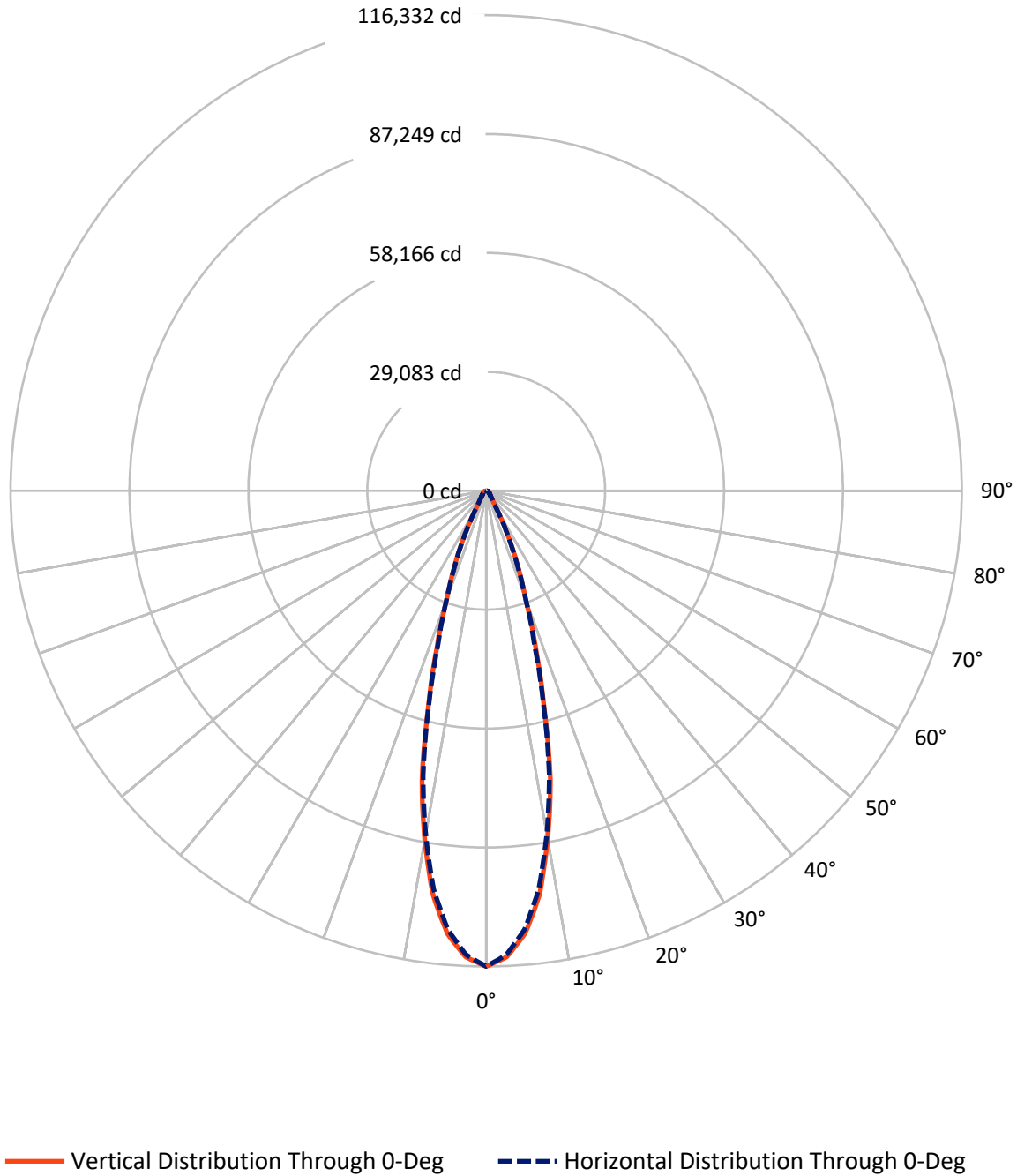
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Lumen Table

90																			
80	0.7	6.0		15.8		24.9		27.7		24.9		15.8		6.0		0.7			
70	2.7	3.1	6.3	10.3	14.4	17.6	19.6	20.7	20.7	19.6	17.6	14.4	10.3	6.3	3.1	2.7			
60		4.7	9.4	15.1	20.3	25.0	28.0	29.1	29.1	28.0	25.0	20.3	15.1	9.4	4.7				
50	4.8	6.0	12.1	18.7	24.9	31.5	37.0	39.8	39.8	37.0	31.5	24.9	18.7	12.1	6.0	4.8			
40		7.0	14.1	21.6	30.5	43.5	63.0	81.8	81.8	63.0	43.5	30.5	21.6	14.1	7.0				
30	6.1	7.9	15.5	24.3	39.1	85.0	239.2	424.3	424.3	239.2	85.0	39.1	24.3	15.5	7.9	6.1			
20		8.4	16.2	26.4	53.2	223.1	795.1	1523.5	1523.5	795.1	223.1	53.2	26.4	16.2	8.4				
10	6.6	8.8	16.5	27.8	67.6	385.1	1471.6	2894.6	2894.6	1471.6	385.1	67.6	27.8	16.5	8.8	6.6			
0		8.8	16.5	27.8	67.6	385.1	1471.6	2894.6	2894.6	1471.6	385.1	67.6	27.8	16.5	8.8				
-10	6.1	8.4	16.2	26.4	53.2	223.1	795.1	1523.5	1523.5	795.1	223.1	53.2	26.4	16.2	8.4	6.1			
-20		7.9	15.5	24.3	39.1	85.0	239.2	424.3	424.3	239.2	85.0	39.1	24.3	15.5	7.9				
-30	4.8	7.0	14.1	21.6	30.5	43.5	63.0	81.8	81.8	63.0	43.5	30.5	21.6	14.1	7.0	4.8			
-40		6.0	12.1	18.7	24.9	31.5	37.0	39.8	39.8	37.0	31.5	24.9	18.7	12.1	6.0				
-50	2.7	4.7	9.4	15.1	20.3	25.0	28.0	29.1	29.1	28.0	25.0	20.3	15.1	9.4	4.7	2.7			
-60		3.1	6.3	10.3	14.4	17.6	19.6	20.7	20.7	19.6	17.6	14.4	10.3	6.3	3.1				
-70	0.7	6.0		15.8		24.9		27.7		24.9		15.8		6.0		0.7			
-80																			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
	Horizontal Angle (degrees)																		

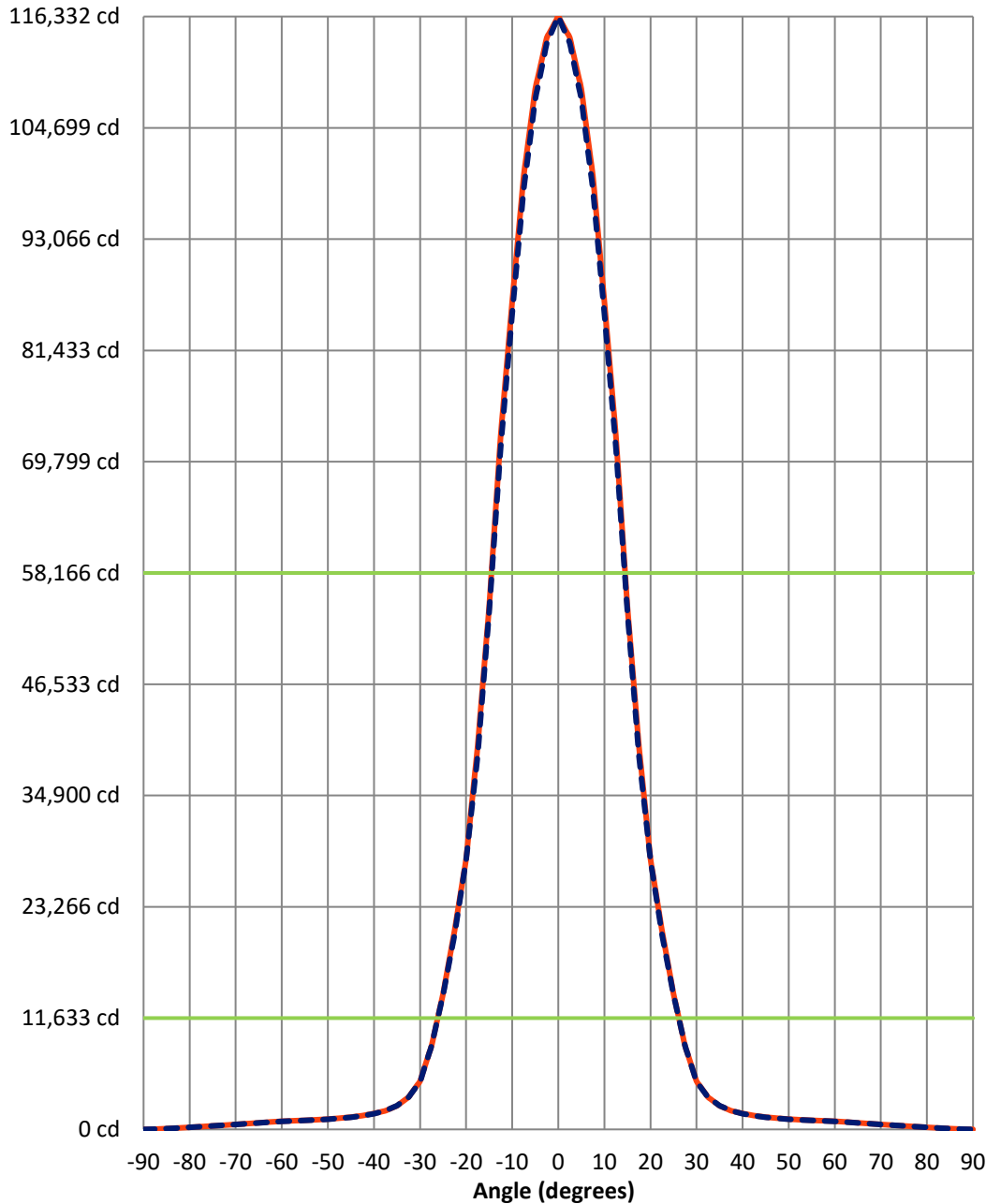
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
H Angle: 28.8°
V Angle: 29°
Lumens: 17671
Efficiency: 48.6%

Field:
H Angle: 52.3°
V Angle: 52.3°
Lumens: 29821.5
Efficiency: 82.0%

Spill:
Lumens: 6524.7
Efficiency: 18.0%

— 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	1.3	2.6	3.9	5.2	6.5	7.7	9.0	10.2	11.4	12.6
85°	0.0	2.6	5.2	7.8	10.4	12.9	15.5	18.0	20.4	22.9	25.2
82.5°	0.0	3.9	7.8	11.7	15.5	19.4	23.2	26.9	31.2	38.3	45.7
80°	0.0	5.2	10.4	15.5	20.7	25.8	31.5	40.5	50.1	60.1	70.5
77.5°	0.0	6.5	12.9	19.4	25.8	33.8	44.8	56.4	68.7	81.6	95.9
75°	0.0	7.7	15.5	23.2	31.5	44.8	57.9	72.0	87.5	105.6	123.4
72.5°	0.0	9.0	18.0	26.9	40.2	55.6	70.9	88.5	109.5	130.2	150.7
70°	0.0	10.2	20.4	31.1	48.8	66.3	84.2	107.5	131.2	154.6	180.0
67.5°	0.0	11.4	22.9	37.5	57.3	76.9	100.5	126.3	152.6	181.3	209.5
65°	0.0	12.6	25.2	43.7	65.6	88.8	116.5	144.7	176.0	207.5	239.2
62.5°	0.0	13.8	27.6	49.8	73.7	101.9	132.2	164.2	198.9	233.5	269.8
60°	0.0	14.9	29.9	55.8	81.7	114.7	147.6	183.8	221.3	259.8	299.5
57.5°	0.0	16.1	33.7	61.7	91.6	127.2	163.7	203.0	243.5	285.3	328.9
55°	0.0	17.1	37.5	67.3	101.4	139.4	179.5	221.6	265.1	310.2	357.7
52.5°	0.0	18.2	41.2	72.9	110.8	151.3	194.7	239.7	285.8	335.4	385.7
50°	0.0	19.2	44.8	78.2	120.0	163.4	209.3	257.1	306.1	359.7	411.6
47.5°	0.0	20.2	48.2	83.7	128.8	174.9	223.3	274.0	327.0	383.2	436.1
45°	0.0	21.1	51.5	90.0	137.3	185.9	237.1	290.2	347.1	404.0	459.3
42.5°	0.0	22.0	54.6	96.1	145.4	196.3	250.4	306.3	366.2	423.5	480.6
40°	0.0	22.9	57.6	101.9	153.2	206.2	263.0	322.0	383.7	441.8	500.8
37.5°	0.0	23.7	60.5	107.2	160.7	215.5	275.0	336.8	399.3	459.4	519.8
35°	0.0	24.5	63.2	112.2	167.7	224.6	286.2	350.5	414.0	476.0	537.8
32.5°	0.0	25.2	65.7	116.8	174.2	233.4	296.9	363.1	427.7	491.6	555.1
30°	0.0	25.9	68.1	121.1	180.2	241.6	307.0	374.6	440.4	506.0	571.2
27.5°	0.0	26.5	70.3	124.9	185.7	249.1	316.3	384.8	452.2	519.3	586.1
25°	0.0	27.1	72.3	128.4	190.7	256.0	324.6	394.1	462.8	531.4	599.8
22.5°	0.0	27.6	74.1	131.5	195.4	262.3	332.1	402.5	472.4	542.3	613.4
20°	0.0	28.1	75.8	134.1	199.7	267.7	338.6	409.9	481.0	551.9	625.5
17.5°	0.0	28.5	77.3	136.4	203.5	272.3	344.5	416.3	488.3	560.3	636.1
15°	0.0	28.9	78.5	138.3	206.9	276.2	350.0	422.2	494.6	567.5	645.1
12.5°	0.0	29.2	79.6	139.9	209.8	279.3	354.7	427.8	500.5	573.3	652.5
10°	0.0	29.4	80.5	141.0	212.2	281.6	358.6	432.4	505.8	580.3	659.3
7.5°	0.0	29.6	81.2	141.8	214.1	283.2	361.7	436.0	509.9	586.5	666.8
5°	0.0	29.8	81.7	142.2	215.5	284.1	364.0	438.5	512.8	591.4	672.7
2.5°	0.0	29.9	82.0	142.2	216.3	284.3	365.4	440.1	514.6	595.1	676.9
0°	0.0	29.9	82.1	141.9	216.6	283.8	365.9	440.6	515.2	597.4	679.5
-2.5°	0.0	29.9	82.0	142.2	216.3	284.3	365.4	440.1	514.6	595.1	676.9
-5°	0.0	29.8	81.7	142.2	215.5	284.1	364.0	438.5	512.8	591.4	672.7
-7.5°	0.0	29.6	81.2	141.8	214.1	283.2	361.7	436.0	509.9	586.5	666.8
-10°	0.0	29.4	80.5	141.0	212.2	281.6	358.6	432.4	505.8	580.3	659.3
-12.5°	0.0	29.2	79.6	139.9	209.8	279.3	354.7	427.8	500.5	573.3	652.5
-15°	0.0	28.9	78.5	138.3	206.9	276.2	350.0	422.2	494.6	567.5	645.1
-17.5°	0.0	28.5	77.3	136.4	203.5	272.3	344.5	416.3	488.3	560.3	636.1
-20°	0.0	28.1	75.8	134.1	199.7	267.7	338.6	409.9	481.0	551.9	625.5

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	27.6	74.1	131.5	195.4	262.3	332.1	402.5	472.4	542.3	613.4
-25°	0.0	27.1	72.3	128.4	190.7	256.0	324.6	394.1	462.8	531.4	599.8
-27.5°	0.0	26.5	70.3	124.9	185.7	249.1	316.3	384.8	452.2	519.3	586.1
-30°	0.0	25.9	68.1	121.1	180.2	241.6	307.0	374.6	440.4	506.0	571.2
-32.5°	0.0	25.2	65.7	116.8	174.2	233.4	296.9	363.1	427.7	491.6	555.1
-35°	0.0	24.5	63.2	112.2	167.7	224.6	286.2	350.5	414.0	476.0	537.8
-37.5°	0.0	23.7	60.5	107.2	160.7	215.5	275.0	336.8	399.3	459.4	519.8
-40°	0.0	22.9	57.6	101.9	153.2	206.2	263.0	322.0	383.7	441.8	500.8
-42.5°	0.0	22.0	54.6	96.1	145.4	196.3	250.4	306.3	366.2	423.5	480.6
-45°	0.0	21.1	51.5	90.0	137.3	185.9	237.1	290.2	347.1	404.0	459.3
-47.5°	0.0	20.2	48.2	83.7	128.8	174.9	223.3	274.0	327.0	383.2	436.1
-50°	0.0	19.2	44.8	78.2	120.0	163.4	209.3	257.1	306.1	359.7	411.6
-52.5°	0.0	18.2	41.2	72.9	110.8	151.3	194.7	239.7	285.8	335.4	385.7
-55°	0.0	17.1	37.5	67.3	101.4	139.4	179.5	221.6	265.1	310.2	357.7
-57.5°	0.0	16.1	33.7	61.7	91.6	127.2	163.7	203.0	243.5	285.3	328.9
-60°	0.0	14.9	29.9	55.8	81.7	114.7	147.6	183.8	221.3	259.8	299.5
-62.5°	0.0	13.8	27.6	49.8	73.7	101.9	132.2	164.2	198.9	233.5	269.8
-65°	0.0	12.6	25.2	43.7	65.6	88.8	116.5	144.7	176.0	207.5	239.2
-67.5°	0.0	11.4	22.9	37.5	57.3	76.9	100.5	126.3	152.6	181.3	209.5
-70°	0.0	10.2	20.4	31.1	48.8	66.3	84.2	107.5	131.2	154.6	180.0
-72.5°	0.0	9.0	18.0	26.9	40.2	55.6	70.9	88.5	109.5	130.2	150.7
-75°	0.0	7.7	15.5	23.2	31.5	44.8	57.9	72.0	87.5	105.6	123.4
-77.5°	0.0	6.5	12.9	19.4	25.8	33.8	44.8	56.4	68.7	81.6	95.9
-80°	0.0	5.2	10.4	15.5	20.7	25.8	31.5	40.5	50.1	60.1	70.5
-82.5°	0.0	3.9	7.8	11.7	15.5	19.4	23.2	26.9	31.2	38.3	45.7
-85°	0.0	2.6	5.2	7.8	10.4	12.9	15.5	18.0	20.4	22.9	25.2
-87.5°	0.0	1.3	2.6	3.9	5.2	6.5	7.7	9.0	10.2	11.4	12.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	13.8	14.9	16.1	17.1	18.2	19.2	20.2	21.1	22.0	22.9	23.7
85°	27.6	29.9	34.3	38.6	42.8	46.9	50.8	54.6	58.2	61.6	64.9
82.5°	52.7	59.6	66.2	72.7	79.0	85.1	91.0	96.7	102.1	107.2	112.1
80°	80.0	89.1	98.3	106.8	115.1	123.2	131.1	138.6	145.9	153.6	161.8
77.5°	108.9	120.6	131.2	140.9	151.4	164.2	176.4	188.2	199.6	210.4	220.6
75°	138.8	152.0	166.6	181.0	196.1	211.3	226.2	240.5	254.4	268.6	282.9
72.5°	170.1	188.2	205.8	222.9	241.8	260.4	277.4	293.0	310.5	329.9	347.6
70°	203.4	224.3	246.4	268.4	289.9	310.5	331.6	352.8	374.2	395.1	415.0
67.5°	236.8	263.1	288.7	313.7	338.0	362.7	387.7	413.4	438.1	461.7	484.6
65°	272.5	301.8	330.4	358.3	385.4	415.6	445.3	473.9	505.2	534.2	559.3
62.5°	307.1	339.9	371.6	403.2	436.1	469.5	503.8	539.8	577.0	603.9	627.0
60°	340.4	377.5	412.7	448.9	485.6	523.3	562.9	601.2	635.2	664.6	688.9
57.5°	373.0	414.4	453.5	492.8	533.0	575.8	619.3	658.5	690.2	718.5	745.2
55°	404.5	450.4	492.0	533.8	579.5	629.8	674.3	709.7	742.1	765.5	791.0
52.5°	434.5	483.6	527.2	574.0	626.2	678.4	722.7	757.0	784.2	808.5	833.4
50°	463.1	512.6	560.9	614.2	669.3	721.7	766.5	798.1	825.5	850.6	874.6
47.5°	489.2	540.6	595.1	652.1	709.7	761.4	804.4	836.6	865.0	890.8	917.2
45°	513.7	568.9	626.9	689.3	748.4	799.6	838.7	873.3	900.6	929.7	962.8
42.5°	537.1	596.1	659.2	725.6	785.9	832.8	870.7	903.8	935.3	970.4	1007.1
40°	560.1	621.6	689.8	759.6	821.0	861.7	899.6	934.7	971.0	1010.8	1050.9
37.5°	581.6	647.6	718.4	791.3	846.9	889.1	928.3	967.5	1008.2	1050.9	1100.8
35°	601.3	671.6	745.8	816.3	869.6	915.6	957.7	1000.2	1045.8	1098.0	1153.0
32.5°	620.5	693.4	771.3	837.4	890.4	939.5	985.9	1034.0	1086.2	1143.7	1206.6
30°	639.4	714.7	793.6	858.9	908.9	959.2	1013.6	1067.1	1125.1	1189.0	1262.9
27.5°	657.8	734.5	812.2	875.7	925.2	976.3	1034.6	1099.7	1163.1	1233.1	1318.7
25°	674.6	754.8	830.6	889.1	939.1	992.7	1053.6	1122.9	1197.5	1280.7	1385.6
22.5°	690.5	773.2	848.1	900.5	950.8	1007.0	1072.6	1145.8	1226.9	1323.3	1451.5
20°	705.3	787.5	859.7	911.1	960.4	1018.5	1089.0	1166.1	1258.7	1375.5	1528.8
17.5°	718.3	799.6	867.7	919.6	970.5	1030.3	1103.0	1183.2	1287.3	1421.6	1603.0
15°	729.4	809.5	874.7	926.3	979.1	1042.4	1117.3	1204.7	1318.6	1466.7	1667.1
12.5°	738.6	817.3	880.5	931.0	985.8	1051.4	1129.5	1225.4	1350.0	1515.9	1753.5
10°	745.7	822.9	885.0	934.0	990.5	1057.4	1139.0	1241.6	1375.4	1557.0	1827.5
7.5°	752.7	827.9	888.3	935.2	993.3	1060.4	1145.7	1253.0	1394.0	1587.9	1886.5
5°	757.8	832.5	890.2	938.0	995.0	1061.7	1150.2	1259.6	1405.6	1608.3	1928.2
2.5°	760.7	835.4	890.2	940.1	995.1	1062.2	1155.5	1263.3	1418.5	1625.5	1951.9
0°	761.7	836.3	888.6	940.9	993.1	1060.3	1157.4	1262.0	1426.2	1635.3	1956.4
-2.5°	760.7	835.4	890.2	940.1	995.1	1062.2	1155.5	1263.3	1418.5	1625.5	1951.9
-5°	757.8	832.5	890.2	938.0	995.0	1061.7	1150.2	1259.6	1405.6	1608.3	1928.2
-7.5°	752.7	827.9	888.3	935.2	993.3	1060.4	1145.7	1253.0	1394.0	1587.9	1886.5
-10°	745.7	822.9	885.0	934.0	990.5	1057.4	1139.0	1241.6	1375.4	1557.0	1827.5
-12.5°	738.6	817.3	880.5	931.0	985.8	1051.4	1129.5	1225.4	1350.0	1515.9	1753.5
-15°	729.4	809.5	874.7	926.3	979.1	1042.4	1117.3	1204.7	1318.6	1466.7	1667.1
-17.5°	718.3	799.6	867.7	919.6	970.5	1030.3	1103.0	1183.2	1287.3	1421.6	1603.0
-20°	705.3	787.5	859.7	911.1	960.4	1018.5	1089.0	1166.1	1258.7	1375.5	1528.8



REPORT NUMBER: P627735 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	690.5	773.2	848.1	900.5	950.8	1007.0	1072.6	1145.8	1226.9	1323.3	1451.5
-25°	674.6	754.8	830.6	889.1	939.1	992.7	1053.6	1122.9	1197.5	1280.7	1385.6
-27.5°	657.8	734.5	812.2	875.7	925.2	976.3	1034.6	1099.7	1163.1	1233.1	1318.7
-30°	639.4	714.7	793.6	858.9	908.9	959.2	1013.6	1067.1	1125.1	1189.0	1262.9
-32.5°	620.5	693.4	771.3	837.4	890.4	939.5	985.9	1034.0	1086.2	1143.7	1206.6
-35°	601.3	671.6	745.8	816.3	869.6	915.6	957.7	1000.2	1045.8	1098.0	1153.0
-37.5°	581.6	647.6	718.4	791.3	846.9	889.1	928.3	967.5	1008.2	1050.9	1100.8
-40°	560.1	621.6	689.8	759.6	821.0	861.7	899.6	934.7	971.0	1010.8	1050.9
-42.5°	537.1	596.1	659.2	725.6	785.9	832.8	870.7	903.8	935.3	970.4	1007.1
-45°	513.7	568.9	626.9	689.3	748.4	799.6	838.7	873.3	900.6	929.7	962.8
-47.5°	489.2	540.6	595.1	652.1	709.7	761.4	804.4	836.6	865.0	890.8	917.2
-50°	463.1	512.6	560.9	614.2	669.3	721.7	766.5	798.1	825.5	850.6	874.6
-52.5°	434.5	483.6	527.2	574.0	626.2	678.4	722.7	757.0	784.2	808.5	833.4
-55°	404.5	450.4	492.0	533.8	579.5	629.8	674.3	709.7	742.1	765.5	791.0
-57.5°	373.0	414.4	453.5	492.8	533.0	575.8	619.3	658.5	690.2	718.5	745.2
-60°	340.4	377.5	412.7	448.9	485.6	523.3	562.9	601.2	635.2	664.6	688.9
-62.5°	307.1	339.9	371.6	403.2	436.1	469.5	503.8	539.8	577.0	603.9	627.0
-65°	272.5	301.8	330.4	358.3	385.4	415.6	445.3	473.9	505.2	534.2	559.3
-67.5°	236.8	263.1	288.7	313.7	338.0	362.7	387.7	413.4	438.1	461.7	484.6
-70°	203.4	224.3	246.4	268.4	289.9	310.5	331.6	352.8	374.2	395.1	415.0
-72.5°	170.1	188.2	205.8	222.9	241.8	260.4	277.4	293.0	310.5	329.9	347.6
-75°	138.8	152.0	166.6	181.0	196.1	211.3	226.2	240.5	254.4	268.6	282.9
-77.5°	108.9	120.6	131.2	140.9	151.4	164.2	176.4	188.2	199.6	210.4	220.6
-80°	80.0	89.1	98.3	106.8	115.1	123.2	131.1	138.6	145.9	153.6	161.8
-82.5°	52.7	59.6	66.2	72.7	79.0	85.1	91.0	96.7	102.1	107.2	112.1
-85°	27.6	29.9	34.3	38.6	42.8	46.9	50.8	54.6	58.2	61.6	64.9
-87.5°	13.8	14.9	16.1	17.1	18.2	19.2	20.2	21.1	22.0	22.9	23.7
-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: P627735 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-727-U-MR-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°	24.5	25.2	25.9	26.5	27.1	27.6	28.1	28.5	28.9	29.2	29.4
85°	68.0	70.9	73.6	76.1	78.4	79.0	79.1	79.0	78.6	79.6	80.5
82.5°	116.8	122.0	127.3	132.6	137.7	139.6	140.9	141.9	142.5	144.5	146.2
80°	169.6	177.8	185.5	192.4	198.5	202.8	206.8	210.4	213.7	215.3	216.0
77.5°	230.9	241.0	250.4	259.1	267.2	273.5	278.7	282.8	286.0	288.1	289.4
75°	297.0	309.8	321.1	331.6	341.2	348.0	352.7	356.1	358.5	361.0	362.9
72.5°	363.7	378.2	391.6	404.2	415.3	423.1	428.6	433.0	436.4	438.8	440.1
70°	433.8	451.1	465.9	478.6	488.6	496.1	502.0	506.7	510.4	512.9	514.2
67.5°	506.4	524.9	538.8	549.9	558.9	566.8	574.1	579.5	583.1	586.7	590.5
65°	580.4	599.2	613.4	625.2	634.6	644.9	654.3	661.3	665.9	670.2	674.5
62.5°	650.0	671.3	687.8	703.1	718.7	733.4	741.9	748.5	753.2	757.4	762.3
60°	713.3	737.4	757.5	776.1	795.1	814.2	822.1	828.3	834.1	839.6	844.5
57.5°	769.4	795.0	819.5	837.9	856.1	873.9	886.2	893.0	897.6	900.1	902.2
55°	818.2	843.8	868.3	889.5	909.2	927.6	941.3	947.9	952.8	955.9	957.8
52.5°	861.9	889.4	915.5	939.0	960.3	980.1	997.3	1006.4	1013.7	1019.0	1020.6
50°	904.9	934.6	962.9	988.0	1012.8	1036.5	1058.3	1070.9	1079.8	1085.2	1087.0
47.5°	949.8	982.0	1012.6	1041.8	1069.9	1098.0	1123.9	1141.1	1153.8	1163.2	1170.0
45°	996.6	1031.2	1065.0	1099.5	1131.9	1168.0	1200.7	1225.8	1244.4	1260.4	1273.3
42.5°	1043.6	1082.5	1121.4	1165.8	1210.0	1251.1	1290.0	1323.3	1353.6	1383.3	1406.5
40°	1094.7	1137.3	1190.4	1243.1	1297.6	1345.5	1402.2	1453.1	1499.8	1550.1	1591.8
37.5°	1150.6	1205.3	1268.3	1331.4	1402.3	1471.1	1550.4	1628.5	1696.4	1784.6	1855.4
35°	1211.4	1280.8	1355.1	1439.8	1531.3	1639.2	1750.2	1880.4	1990.8	2131.1	2260.5
32.5°	1279.2	1360.9	1457.3	1573.7	1697.1	1870.4	2033.0	2253.6	2442.3	2685.6	2951.5
30°	1348.2	1453.7	1584.8	1735.1	1943.9	2189.9	2476.7	2849.7	3253.2	3670.7	4232.7
27.5°	1429.9	1566.9	1730.7	1962.8	2275.1	2615.6	3199.8	3830.7	4709.5	5405.3	6644.4
25°	1518.0	1687.5	1929.4	2265.8	2697.4	3386.5	4372.7	5514.7	7273.2	8837.4	10635.0
22.5°	1622.3	1852.5	2172.8	2613.3	3365.7	4551.2	6090.5	8435.6	11042.6	13615.5	15967.2
20°	1732.7	2010.8	2458.7	3176.2	4339.0	6053.2	8799.7	12150.6	15611.5	19137.6	22109.1
17.5°	1861.7	2239.3	2829.2	3782.3	5441.3	8376.1	12044.5	16305.4	20826.9	25326.4	29234.8
15°	1972.5	2439.0	3233.5	4661.0	7134.8	10805.8	15314.4	20695.8	26381.7	32221.1	38549.9
12.5°	2113.8	2679.7	3650.0	5387.5	8637.4	13408.9	18925.5	25173.5	32116.7	39869.9	49736.5
10°	2243.5	2932.2	4197.8	6551.4	10443.7	15840.4	22044.7	29133.3	38139.2	49790.4	61691.8
7.5°	2347.4	3132.4	4622.7	7459.6	11958.4	17917.7	24853.3	33352.1	44587.8	58461.7	72059.8
5°	2419.7	3271.2	4926.7	8145.9	13177.0	19505.2	26846.5	36462.2	50023.2	65559.5	79444.1
2.5°	2465.1	3347.2	5075.5	8553.4	13971.8	20460.5	28089.9	38438.6	53354.6	70077.8	84135.5
0°	2486.6	3360.3	4980.7	8751.6	14083.2	20393.1	28203.8	39098.5	54145.1	71304.8	85305.9
-2.5°	2465.1	3347.2	5075.5	8553.4	13971.8	20460.5	28089.9	38438.6	53354.6	70077.8	84135.5
-5°	2419.7	3271.2	4926.7	8145.9	13177.0	19505.2	26846.5	36462.2	50023.2	65559.5	79444.1
-7.5°	2347.4	3132.4	4622.7	7459.6	11958.4	17917.7	24853.3	33352.1	44587.8	58461.7	72059.8
-10°	2243.5	2932.2	4197.8	6551.4	10443.7	15840.4	22044.7	29133.3	38139.2	49790.4	61691.8
-12.5°	2113.8	2679.7	3650.0	5387.5	8637.4	13408.9	18925.5	25173.5	32116.7	39869.9	49736.5
-15°	1972.5	2439.0	3233.5	4661.0	7134.8	10805.8	15314.4	20695.8	26381.7	32221.1	38549.9
-17.5°	1861.7	2239.3	2829.2	3782.3	5441.3	8376.1	12044.5	16305.4	20826.9	25326.4	29234.8
-20°	1732.7	2010.8	2458.7	3176.2	4339.0	6053.2	8799.7	12150.6	15611.5	19137.6	22109.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627735 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5E-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1622.3	1852.5	2172.8	2613.3	3365.7	4551.2	6090.5	8435.6	11042.6	13615.5	15967.2
-25°	1518.0	1687.5	1929.4	2265.8	2697.4	3386.5	4372.7	5514.7	7273.2	8837.4	10635.0
-27.5°	1429.9	1566.9	1730.7	1962.8	2275.1	2615.6	3199.8	3830.7	4709.5	5405.3	6644.4
-30°	1348.2	1453.7	1584.8	1735.1	1943.9	2189.9	2476.7	2849.7	3253.2	3670.7	4232.7
-32.5°	1279.2	1360.9	1457.3	1573.7	1697.1	1870.4	2033.0	2253.6	2442.3	2685.6	2951.5
-35°	1211.4	1280.8	1355.1	1439.8	1531.3	1639.2	1750.2	1880.4	1990.8	2131.1	2260.5
-37.5°	1150.6	1205.3	1268.3	1331.4	1402.3	1471.1	1550.4	1628.5	1696.4	1784.6	1855.4
-40°	1094.7	1137.3	1190.4	1243.1	1297.6	1345.5	1402.2	1453.1	1499.8	1550.1	1591.8
-42.5°	1043.6	1082.5	1121.4	1165.8	1210.0	1251.1	1290.0	1323.3	1353.6	1383.3	1406.5
-45°	996.6	1031.2	1065.0	1099.5	1131.9	1168.0	1200.7	1225.8	1244.4	1260.4	1273.3
-47.5°	949.8	982.0	1012.6	1041.8	1069.9	1098.0	1123.9	1141.1	1153.8	1163.2	1170.0
-50°	904.9	934.6	962.9	988.0	1012.8	1036.5	1058.3	1070.9	1079.8	1085.2	1087.0
-52.5°	861.9	889.4	915.5	939.0	960.3	980.1	997.3	1006.4	1013.7	1019.0	1020.6
-55°	818.2	843.8	868.3	889.5	909.2	927.6	941.3	947.9	952.8	955.9	957.8
-57.5°	769.4	795.0	819.5	837.9	856.1	873.9	886.2	893.0	897.6	900.1	902.2
-60°	713.3	737.4	757.5	776.1	795.1	814.2	822.1	828.3	834.1	839.6	844.5
-62.5°	650.0	671.3	687.8	703.1	718.7	733.4	741.9	748.5	753.2	757.4	762.3
-65°	580.4	599.2	613.4	625.2	634.6	644.9	654.3	661.3	665.9	670.2	674.5
-67.5°	506.4	524.9	538.8	549.9	558.9	566.8	574.1	579.5	583.1	586.7	590.5
-70°	433.8	451.1	465.9	478.6	488.6	496.1	502.0	506.7	510.4	512.9	514.2
-72.5°	363.7	378.2	391.6	404.2	415.3	423.1	428.6	433.0	436.4	438.8	440.1
-75°	297.0	309.8	321.1	331.6	341.2	348.0	352.7	356.1	358.5	361.0	362.9
-77.5°	230.9	241.0	250.4	259.1	267.2	273.5	278.7	282.8	286.0	288.1	289.4
-80°	169.6	177.8	185.5	192.4	198.5	202.8	206.8	210.4	213.7	215.3	216.0
-82.5°	116.8	122.0	127.3	132.6	137.7	139.6	140.9	141.9	142.5	144.5	146.2
-85°	68.0	70.9	73.6	76.1	78.4	79.0	79.1	79.0	78.6	79.6	80.5
-87.5°	24.5	25.2	25.9	26.5	27.1	27.6	28.1	28.5	28.9	29.2	29.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627735 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-727-U-MR-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°	29.6	29.8	29.9	29.9	29.9	29.8	29.6	29.4	29.2	28.9	28.5
85°	81.2	81.7	82.0	82.1	82.0	81.7	81.2	80.5	79.6	78.6	79.0
82.5°	147.6	148.5	149.1	149.3	149.1	148.5	147.6	146.2	144.5	142.5	141.9
80°	216.1	215.6	216.3	216.6	216.3	215.6	216.1	216.0	215.3	213.7	210.4
77.5°	290.0	289.8	290.8	291.2	290.8	289.8	290.0	289.4	288.1	286.0	282.8
75°	364.0	364.3	365.5	365.9	365.5	364.3	364.0	362.9	361.0	358.5	356.1
72.5°	440.1	438.9	440.1	440.6	440.1	438.9	440.1	440.1	438.8	436.4	433.0
70°	514.3	513.3	518.1	522.7	518.1	513.3	514.3	514.2	512.9	510.4	506.7
67.5°	593.2	594.7	600.1	604.8	600.1	594.7	593.2	590.5	586.7	583.1	579.5
65°	676.7	676.9	682.0	687.0	682.0	676.9	676.7	674.5	670.2	665.9	661.3
62.5°	765.1	766.0	771.4	776.6	771.4	766.0	765.1	762.3	757.4	753.2	748.5
60°	847.4	848.3	850.3	851.3	850.3	848.3	847.4	844.5	839.6	834.1	828.3
57.5°	902.8	902.0	902.8	903.5	902.8	902.0	902.8	902.2	900.1	897.6	893.0
55°	957.5	955.0	952.1	948.3	952.1	955.0	957.5	957.8	955.9	952.8	947.9
52.5°	1019.3	1015.3	1011.8	1008.1	1011.8	1015.3	1019.3	1020.6	1019.0	1013.7	1006.4
50°	1085.9	1082.4	1079.0	1075.3	1079.0	1082.4	1085.9	1087.0	1085.2	1079.8	1070.9
47.5°	1174.6	1176.1	1175.5	1172.4	1175.5	1176.1	1174.6	1170.0	1163.2	1153.8	1141.1
45°	1282.4	1286.7	1287.2	1284.4	1287.2	1286.7	1282.4	1273.3	1260.4	1244.4	1225.8
42.5°	1422.9	1432.3	1437.6	1441.2	1437.6	1432.3	1422.9	1406.5	1383.3	1353.6	1323.3
40°	1622.1	1641.4	1653.7	1665.2	1653.7	1641.4	1622.1	1591.8	1550.1	1499.8	1453.1
37.5°	1907.9	1943.0	1958.6	1949.0	1958.6	1943.0	1907.9	1855.4	1784.6	1696.4	1628.5
35°	2360.2	2426.7	2461.3	2464.2	2461.3	2426.7	2360.2	2260.5	2131.1	1990.8	1880.4
32.5°	3147.9	3284.1	3357.4	3367.7	3357.4	3284.1	3147.9	2951.5	2685.6	2442.3	2253.6
30°	4662.9	4940.8	5071.4	5040.4	5071.4	4940.8	4662.9	4232.7	3670.7	3253.2	2849.7
27.5°	7607.6	8300.7	8711.4	8744.2	8711.4	8300.7	7607.6	6644.4	5405.3	4709.5	3830.7
25°	12227.2	13410.4	14168.1	14180.3	14168.1	13410.4	12227.2	10635.0	8837.4	7273.2	5514.7
22.5°	18141.8	19756.9	20641.8	20796.3	20641.8	19756.9	18141.8	15967.2	13615.5	11042.6	8435.6
20°	24994.0	27142.6	28292.1	28293.4	28292.1	27142.6	24994.0	22109.1	19137.6	15611.5	12150.6
17.5°	33432.9	36921.5	39111.6	40054.3	39111.6	36921.5	33432.9	29234.8	25326.4	20826.9	16305.4
15°	44644.0	50506.6	54019.7	54652.8	54019.7	50506.6	44644.0	38549.9	32221.1	26381.7	20695.8
12.5°	58294.8	65714.2	70701.5	72529.4	70701.5	65714.2	58294.8	49736.5	39869.9	32116.7	25173.5
10°	72547.4	79421.9	84764.9	86560.4	84764.9	79421.9	72547.4	61691.8	49790.4	38139.2	29133.3
7.5°	82843.9	91041.3	97059.9	99702.8	97059.9	91041.3	82843.9	72059.8	58461.7	44587.8	33352.1
5°	90971.8	100671.5	106274.0	108760.5	106274.0	100671.5	90971.8	79444.1	65559.5	50023.2	36462.2
2.5°	96304.8	105889.0	111821.7	114114.6	111821.7	105889.0	96304.8	84135.5	70077.8	53354.6	38438.6
0°	98298.9	107670.3	113532.1	116332.3	113532.1	107670.3	98298.9	85305.9	71304.8	54145.1	39098.5
-2.5°	96304.8	105889.0	111821.7	114114.6	111821.7	105889.0	96304.8	84135.5	70077.8	53354.6	38438.6
-5°	90971.8	100671.5	106274.0	108760.5	106274.0	100671.5	90971.8	79444.1	65559.5	50023.2	36462.2
-7.5°	82843.9	91041.3	97059.9	99702.8	97059.9	91041.3	82843.9	72059.8	58461.7	44587.8	33352.1
-10°	72547.4	79421.9	84764.9	86560.4	84764.9	79421.9	72547.4	61691.8	49790.4	38139.2	29133.3
-12.5°	58294.8	65714.2	70701.5	72529.4	70701.5	65714.2	58294.8	49736.5	39869.9	32116.7	25173.5
-15°	44644.0	50506.6	54019.7	54652.8	54019.7	50506.6	44644.0	38549.9	32221.1	26381.7	20695.8
-17.5°	33432.9	36921.5	39111.6	40054.3	39111.6	36921.5	33432.9	29234.8	25326.4	20826.9	16305.4
-20°	24994.0	27142.6	28292.1	28293.4	28292.1	27142.6	24994.0	22109.1	19137.6	15611.5	12150.6



REPORT NUMBER: P627735 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	18141.8	19756.9	20641.8	20796.3	20641.8	19756.9	18141.8	15967.2	13615.5	11042.6	8435.6
-25°	12227.2	13410.4	14168.1	14180.3	14168.1	13410.4	12227.2	10635.0	8837.4	7273.2	5514.7
-27.5°	7607.6	8300.7	8711.4	8744.2	8711.4	8300.7	7607.6	6644.4	5405.3	4709.5	3830.7
-30°	4662.9	4940.8	5071.4	5040.4	5071.4	4940.8	4662.9	4232.7	3670.7	3253.2	2849.7
-32.5°	3147.9	3284.1	3357.4	3367.7	3357.4	3284.1	3147.9	2951.5	2685.6	2442.3	2253.6
-35°	2360.2	2426.7	2461.3	2464.2	2461.3	2426.7	2360.2	2260.5	2131.1	1990.8	1880.4
-37.5°	1907.9	1943.0	1958.6	1949.0	1958.6	1943.0	1907.9	1855.4	1784.6	1696.4	1628.5
-40°	1622.1	1641.4	1653.7	1665.2	1653.7	1641.4	1622.1	1591.8	1550.1	1499.8	1453.1
-42.5°	1422.9	1432.3	1437.6	1441.2	1437.6	1432.3	1422.9	1406.5	1383.3	1353.6	1323.3
-45°	1282.4	1286.7	1287.2	1284.4	1287.2	1286.7	1282.4	1273.3	1260.4	1244.4	1225.8
-47.5°	1174.6	1176.1	1175.5	1172.4	1175.5	1176.1	1174.6	1170.0	1163.2	1153.8	1141.1
-50°	1085.9	1082.4	1079.0	1075.3	1079.0	1082.4	1085.9	1087.0	1085.2	1079.8	1070.9
-52.5°	1019.3	1015.3	1011.8	1008.1	1011.8	1015.3	1019.3	1020.6	1019.0	1013.7	1006.4
-55°	957.5	955.0	952.1	948.3	952.1	955.0	957.5	957.8	955.9	952.8	947.9
-57.5°	902.8	902.0	902.8	903.5	902.8	902.0	902.8	902.2	900.1	897.6	893.0
-60°	847.4	848.3	850.3	851.3	850.3	848.3	847.4	844.5	839.6	834.1	828.3
-62.5°	765.1	766.0	771.4	776.6	771.4	766.0	765.1	762.3	757.4	753.2	748.5
-65°	676.7	676.9	682.0	687.0	682.0	676.9	676.7	674.5	670.2	665.9	661.3
-67.5°	593.2	594.7	600.1	604.8	600.1	594.7	593.2	590.5	586.7	583.1	579.5
-70°	514.3	513.3	518.1	522.7	518.1	513.3	514.3	514.2	512.9	510.4	506.7
-72.5°	440.1	438.9	440.1	440.6	440.1	438.9	440.1	440.1	438.8	436.4	433.0
-75°	364.0	364.3	365.5	365.9	365.5	364.3	364.0	362.9	361.0	358.5	356.1
-77.5°	290.0	289.8	290.8	291.2	290.8	289.8	290.0	289.4	288.1	286.0	282.8
-80°	216.1	215.6	216.3	216.6	216.3	215.6	216.1	216.0	215.3	213.7	210.4
-82.5°	147.6	148.5	149.1	149.3	149.1	148.5	147.6	146.2	144.5	142.5	141.9
-85°	81.2	81.7	82.0	82.1	82.0	81.7	81.2	80.5	79.6	78.6	79.0
-87.5°	29.6	29.8	29.9	29.9	29.9	29.8	29.6	29.4	29.2	28.9	28.5
-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: P627735 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	28.1	27.6	27.1	26.5	25.9	25.2	24.5	23.7	22.9	22.0	21.1
85°	79.1	79.0	78.4	76.1	73.6	70.9	68.0	64.9	61.6	58.2	54.6
82.5°	140.9	139.6	137.7	132.6	127.3	122.0	116.8	112.1	107.2	102.1	96.7
80°	206.8	202.8	198.5	192.4	185.5	177.8	169.6	161.8	153.6	145.9	138.6
77.5°	278.7	273.5	267.2	259.1	250.4	241.0	230.9	220.6	210.4	199.6	188.2
75°	352.7	348.0	341.2	331.6	321.1	309.8	297.0	282.9	268.6	254.4	240.5
72.5°	428.6	423.1	415.3	404.2	391.6	378.2	363.7	347.6	329.9	310.5	293.0
70°	502.0	496.1	488.6	478.6	465.9	451.1	433.8	415.0	395.1	374.2	352.8
67.5°	574.1	566.8	558.9	549.9	538.8	524.9	506.4	484.6	461.7	438.1	413.4
65°	654.3	644.9	634.6	625.2	613.4	599.2	580.4	559.3	534.2	505.2	473.9
62.5°	741.9	733.4	718.7	703.1	687.8	671.3	650.0	627.0	603.9	577.0	539.8
60°	822.1	814.2	795.1	776.1	757.5	737.4	713.3	688.9	664.6	635.2	601.2
57.5°	886.2	873.9	856.1	837.9	819.5	795.0	769.4	745.2	718.5	690.2	658.5
55°	941.3	927.6	909.2	889.5	868.3	843.8	818.2	791.0	765.5	742.1	709.7
52.5°	997.3	980.1	960.3	939.0	915.5	889.4	861.9	833.4	808.5	784.2	757.0
50°	1058.3	1036.5	1012.8	988.0	962.9	934.6	904.9	874.6	850.6	825.5	798.1
47.5°	1123.9	1098.0	1069.9	1041.8	1012.6	982.0	949.8	917.2	890.8	865.0	836.6
45°	1200.7	1168.0	1131.9	1099.5	1065.0	1031.2	996.6	962.8	929.7	900.6	873.3
42.5°	1290.0	1251.1	1210.0	1165.8	1121.4	1082.5	1043.6	1007.1	970.4	935.3	903.8
40°	1402.2	1345.5	1297.6	1243.1	1190.4	1137.3	1094.7	1050.9	1010.8	971.0	934.7
37.5°	1550.4	1471.1	1402.3	1331.4	1268.3	1205.3	1150.6	1100.8	1050.9	1008.2	967.5
35°	1750.2	1639.2	1531.3	1439.8	1355.1	1280.8	1211.4	1153.0	1098.0	1045.8	1000.2
32.5°	2033.0	1870.4	1697.1	1573.7	1457.3	1360.9	1279.2	1206.6	1143.7	1086.2	1034.0
30°	2476.7	2189.9	1943.9	1735.1	1584.8	1453.7	1348.2	1262.9	1189.0	1125.1	1067.1
27.5°	3199.8	2615.6	2275.1	1962.8	1730.7	1566.9	1429.9	1318.7	1233.1	1163.1	1099.7
25°	4372.7	3386.5	2697.4	2265.8	1929.4	1687.5	1518.0	1385.6	1280.7	1197.5	1122.9
22.5°	6090.5	4551.2	3365.7	2613.3	2172.8	1852.5	1622.3	1451.5	1323.3	1226.9	1145.8
20°	8799.7	6053.2	4339.0	3176.2	2458.7	2010.8	1732.7	1528.8	1375.5	1258.7	1166.1
17.5°	12044.5	8376.1	5441.3	3782.3	2829.2	2239.3	1861.7	1603.0	1421.6	1287.3	1183.2
15°	15314.4	10805.8	7134.8	4661.0	3233.5	2439.0	1972.5	1667.1	1466.7	1318.6	1204.7
12.5°	18925.5	13408.9	8637.4	5387.5	3650.0	2679.7	2113.8	1753.5	1515.9	1350.0	1225.4
10°	22044.7	15840.4	10443.7	6551.4	4197.8	2932.2	2243.5	1827.5	1557.0	1375.4	1241.6
7.5°	24853.3	17917.7	11958.4	7459.6	4622.7	3132.4	2347.4	1886.5	1587.9	1394.0	1253.0
5°	26846.5	19505.2	13177.0	8145.9	4926.7	3271.2	2419.7	1928.2	1608.3	1405.6	1259.6
2.5°	28089.9	20460.5	13971.8	8553.4	5075.5	3347.2	2465.1	1951.9	1625.5	1418.5	1263.3
0°	28203.8	20393.1	14083.2	8751.6	4980.7	3360.3	2486.6	1956.4	1635.3	1426.2	1262.0
-2.5°	28089.9	20460.5	13971.8	8553.4	5075.5	3347.2	2465.1	1951.9	1625.5	1418.5	1263.3
-5°	26846.5	19505.2	13177.0	8145.9	4926.7	3271.2	2419.7	1928.2	1608.3	1405.6	1259.6
-7.5°	24853.3	17917.7	11958.4	7459.6	4622.7	3132.4	2347.4	1886.5	1587.9	1394.0	1253.0
-10°	22044.7	15840.4	10443.7	6551.4	4197.8	2932.2	2243.5	1827.5	1557.0	1375.4	1241.6
-12.5°	18925.5	13408.9	8637.4	5387.5	3650.0	2679.7	2113.8	1753.5	1515.9	1350.0	1225.4
-15°	15314.4	10805.8	7134.8	4661.0	3233.5	2439.0	1972.5	1667.1	1466.7	1318.6	1204.7
-17.5°	12044.5	8376.1	5441.3	3782.3	2829.2	2239.3	1861.7	1603.0	1421.6	1287.3	1183.2
-20°	8799.7	6053.2	4339.0	3176.2	2458.7	2010.8	1732.7	1528.8	1375.5	1258.7	1166.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627735 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5E-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6090.5	4551.2	3365.7	2613.3	2172.8	1852.5	1622.3	1451.5	1323.3	1226.9	1145.8
-25°	4372.7	3386.5	2697.4	2265.8	1929.4	1687.5	1518.0	1385.6	1280.7	1197.5	1122.9
-27.5°	3199.8	2615.6	2275.1	1962.8	1730.7	1566.9	1429.9	1318.7	1233.1	1163.1	1099.7
-30°	2476.7	2189.9	1943.9	1735.1	1584.8	1453.7	1348.2	1262.9	1189.0	1125.1	1067.1
-32.5°	2033.0	1870.4	1697.1	1573.7	1457.3	1360.9	1279.2	1206.6	1143.7	1086.2	1034.0
-35°	1750.2	1639.2	1531.3	1439.8	1355.1	1280.8	1211.4	1153.0	1098.0	1045.8	1000.2
-37.5°	1550.4	1471.1	1402.3	1331.4	1268.3	1205.3	1150.6	1100.8	1050.9	1008.2	967.5
-40°	1402.2	1345.5	1297.6	1243.1	1190.4	1137.3	1094.7	1050.9	1010.8	971.0	934.7
-42.5°	1290.0	1251.1	1210.0	1165.8	1121.4	1082.5	1043.6	1007.1	970.4	935.3	903.8
-45°	1200.7	1168.0	1131.9	1099.5	1065.0	1031.2	996.6	962.8	929.7	900.6	873.3
-47.5°	1123.9	1098.0	1069.9	1041.8	1012.6	982.0	949.8	917.2	890.8	865.0	836.6
-50°	1058.3	1036.5	1012.8	988.0	962.9	934.6	904.9	874.6	850.6	825.5	798.1
-52.5°	997.3	980.1	960.3	939.0	915.5	889.4	861.9	833.4	808.5	784.2	757.0
-55°	941.3	927.6	909.2	889.5	868.3	843.8	818.2	791.0	765.5	742.1	709.7
-57.5°	886.2	873.9	856.1	837.9	819.5	795.0	769.4	745.2	718.5	690.2	658.5
-60°	822.1	814.2	795.1	776.1	757.5	737.4	713.3	688.9	664.6	635.2	601.2
-62.5°	741.9	733.4	718.7	703.1	687.8	671.3	650.0	627.0	603.9	577.0	539.8
-65°	654.3	644.9	634.6	625.2	613.4	599.2	580.4	559.3	534.2	505.2	473.9
-67.5°	574.1	566.8	558.9	549.9	538.8	524.9	506.4	484.6	461.7	438.1	413.4
-70°	502.0	496.1	488.6	478.6	465.9	451.1	433.8	415.0	395.1	374.2	352.8
-72.5°	428.6	423.1	415.3	404.2	391.6	378.2	363.7	347.6	329.9	310.5	293.0
-75°	352.7	348.0	341.2	331.6	321.1	309.8	297.0	282.9	268.6	254.4	240.5
-77.5°	278.7	273.5	267.2	259.1	250.4	241.0	230.9	220.6	210.4	199.6	188.2
-80°	206.8	202.8	198.5	192.4	185.5	177.8	169.6	161.8	153.6	145.9	138.6
-82.5°	140.9	139.6	137.7	132.6	127.3	122.0	116.8	112.1	107.2	102.1	96.7
-85°	79.1	79.0	78.4	76.1	73.6	70.9	68.0	64.9	61.6	58.2	54.6
-87.5°	28.1	27.6	27.1	26.5	25.9	25.2	24.5	23.7	22.9	22.0	21.1
-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: P627735 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-727-U-MR-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°	20.2	19.2	18.2	17.1	16.1	14.9	13.8	12.6	11.4	10.2	9.0
85°	50.8	46.9	42.8	38.6	34.3	29.9	27.6	25.2	22.9	20.4	18.0
82.5°	91.0	85.1	79.0	72.7	66.2	59.6	52.7	45.7	38.3	31.2	26.9
80°	131.1	123.2	115.1	106.8	98.3	89.1	80.0	70.5	60.1	50.1	40.5
77.5°	176.4	164.2	151.4	140.9	131.2	120.6	108.9	95.9	81.6	68.7	56.4
75°	226.2	211.3	196.1	181.0	166.6	152.0	138.8	123.4	105.6	87.5	72.0
72.5°	277.4	260.4	241.8	222.9	205.8	188.2	170.1	150.7	130.2	109.5	88.5
70°	331.6	310.5	289.9	268.4	246.4	224.3	203.4	180.0	154.6	131.2	107.5
67.5°	387.7	362.7	338.0	313.7	288.7	263.1	236.8	209.5	181.3	152.6	126.3
65°	445.3	415.6	385.4	358.3	330.4	301.8	272.5	239.2	207.5	176.0	144.7
62.5°	503.8	469.5	436.1	403.2	371.6	339.9	307.1	269.8	233.5	198.9	164.2
60°	562.9	523.3	485.6	448.9	412.7	377.5	340.4	299.5	259.8	221.3	183.8
57.5°	619.3	575.8	533.0	492.8	453.5	414.4	373.0	328.9	285.3	243.5	203.0
55°	674.3	629.8	579.5	533.8	492.0	450.4	404.5	357.7	310.2	265.1	221.6
52.5°	722.7	678.4	626.2	574.0	527.2	483.6	434.5	385.7	335.4	285.8	239.7
50°	766.5	721.7	669.3	614.2	560.9	512.6	463.1	411.6	359.7	306.1	257.1
47.5°	804.4	761.4	709.7	652.1	595.1	540.6	489.2	436.1	383.2	327.0	274.0
45°	838.7	799.6	748.4	689.3	626.9	568.9	513.7	459.3	404.0	347.1	290.2
42.5°	870.7	832.8	785.9	725.6	659.2	596.1	537.1	480.6	423.5	366.2	306.3
40°	899.6	861.7	821.0	759.6	689.8	621.6	560.1	500.8	441.8	383.7	322.0
37.5°	928.3	889.1	846.9	791.3	718.4	647.6	581.6	519.8	459.4	399.3	336.8
35°	957.7	915.6	869.6	816.3	745.8	671.6	601.3	537.8	476.0	414.0	350.5
32.5°	985.9	939.5	890.4	837.4	771.3	693.4	620.5	555.1	491.6	427.7	363.1
30°	1013.6	959.2	908.9	858.9	793.6	714.7	639.4	571.2	506.0	440.4	374.6
27.5°	1034.6	976.3	925.2	875.7	812.2	734.5	657.8	586.1	519.3	452.2	384.8
25°	1053.6	992.7	939.1	889.1	830.6	754.8	674.6	599.8	531.4	462.8	394.1
22.5°	1072.6	1007.0	950.8	900.5	848.1	773.2	690.5	613.4	542.3	472.4	402.5
20°	1089.0	1018.5	960.4	911.1	859.7	787.5	705.3	625.5	551.9	481.0	409.9
17.5°	1103.0	1030.3	970.5	919.6	867.7	799.6	718.3	636.1	560.3	488.3	416.3
15°	1117.3	1042.4	979.1	926.3	874.7	809.5	729.4	645.1	567.5	494.6	422.2
12.5°	1129.5	1051.4	985.8	931.0	880.5	817.3	738.6	652.5	573.3	500.5	427.8
10°	1139.0	1057.4	990.5	934.0	885.0	822.9	745.7	659.3	580.3	505.8	432.4
7.5°	1145.7	1060.4	993.3	935.2	888.3	827.9	752.7	666.8	586.5	509.9	436.0
5°	1150.2	1061.7	995.0	938.0	890.2	832.5	757.8	672.7	591.4	512.8	438.5
2.5°	1155.5	1062.2	995.1	940.1	890.2	835.4	760.7	676.9	595.1	514.6	440.1
0°	1157.4	1060.3	993.1	940.9	888.6	836.3	761.7	679.5	597.4	515.2	440.6
-2.5°	1155.5	1062.2	995.1	940.1	890.2	835.4	760.7	676.9	595.1	514.6	440.1
-5°	1150.2	1061.7	995.0	938.0	890.2	832.5	757.8	672.7	591.4	512.8	438.5
-7.5°	1145.7	1060.4	993.3	935.2	888.3	827.9	752.7	666.8	586.5	509.9	436.0
-10°	1139.0	1057.4	990.5	934.0	885.0	822.9	745.7	659.3	580.3	505.8	432.4
-12.5°	1129.5	1051.4	985.8	931.0	880.5	817.3	738.6	652.5	573.3	500.5	427.8
-15°	1117.3	1042.4	979.1	926.3	874.7	809.5	729.4	645.1	567.5	494.6	422.2
-17.5°	1103.0	1030.3	970.5	919.6	867.7	799.6	718.3	636.1	560.3	488.3	416.3
-20°	1089.0	1018.5	960.4	911.1	859.7	787.5	705.3	625.5	551.9	481.0	409.9

Classified

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Scaled Data Report



REPORT NUMBER: P627735 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5E-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1072.6	1007.0	950.8	900.5	848.1	773.2	690.5	613.4	542.3	472.4	402.5
-25°	1053.6	992.7	939.1	889.1	830.6	754.8	674.6	599.8	531.4	462.8	394.1
-27.5°	1034.6	976.3	925.2	875.7	812.2	734.5	657.8	586.1	519.3	452.2	384.8
-30°	1013.6	959.2	908.9	858.9	793.6	714.7	639.4	571.2	506.0	440.4	374.6
-32.5°	985.9	939.5	890.4	837.4	771.3	693.4	620.5	555.1	491.6	427.7	363.1
-35°	957.7	915.6	869.6	816.3	745.8	671.6	601.3	537.8	476.0	414.0	350.5
-37.5°	928.3	889.1	846.9	791.3	718.4	647.6	581.6	519.8	459.4	399.3	336.8
-40°	899.6	861.7	821.0	759.6	689.8	621.6	560.1	500.8	441.8	383.7	322.0
-42.5°	870.7	832.8	785.9	725.6	659.2	596.1	537.1	480.6	423.5	366.2	306.3
-45°	838.7	799.6	748.4	689.3	626.9	568.9	513.7	459.3	404.0	347.1	290.2
-47.5°	804.4	761.4	709.7	652.1	595.1	540.6	489.2	436.1	383.2	327.0	274.0
-50°	766.5	721.7	669.3	614.2	560.9	512.6	463.1	411.6	359.7	306.1	257.1
-52.5°	722.7	678.4	626.2	574.0	527.2	483.6	434.5	385.7	335.4	285.8	239.7
-55°	674.3	629.8	579.5	533.8	492.0	450.4	404.5	357.7	310.2	265.1	221.6
-57.5°	619.3	575.8	533.0	492.8	453.5	414.4	373.0	328.9	285.3	243.5	203.0
-60°	562.9	523.3	485.6	448.9	412.7	377.5	340.4	299.5	259.8	221.3	183.8
-62.5°	503.8	469.5	436.1	403.2	371.6	339.9	307.1	269.8	233.5	198.9	164.2
-65°	445.3	415.6	385.4	358.3	330.4	301.8	272.5	239.2	207.5	176.0	144.7
-67.5°	387.7	362.7	338.0	313.7	288.7	263.1	236.8	209.5	181.3	152.6	126.3
-70°	331.6	310.5	289.9	268.4	246.4	224.3	203.4	180.0	154.6	131.2	107.5
-72.5°	277.4	260.4	241.8	222.9	205.8	188.2	170.1	150.7	130.2	109.5	88.5
-75°	226.2	211.3	196.1	181.0	166.6	152.0	138.8	123.4	105.6	87.5	72.0
-77.5°	176.4	164.2	151.4	140.9	131.2	120.6	108.9	95.9	81.6	68.7	56.4
-80°	131.1	123.2	115.1	106.8	98.3	89.1	80.0	70.5	60.1	50.1	40.5
-82.5°	91.0	85.1	79.0	72.7	66.2	59.6	52.7	45.7	38.3	31.2	26.9
-85°	50.8	46.9	42.8	38.6	34.3	29.9	27.6	25.2	22.9	20.4	18.0
-87.5°	20.2	19.2	18.2	17.1	16.1	14.9	13.8	12.6	11.4	10.2	9.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT NUMBER: P627735 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5E-727-U-MR-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°	7.7	6.5	5.2	3.9	2.6	1.3	0.0
85°	15.5	12.9	10.4	7.8	5.2	2.6	0.0
82.5°	23.2	19.4	15.5	11.7	7.8	3.9	0.0
80°	31.5	25.8	20.7	15.5	10.4	5.2	0.0
77.5°	44.8	33.8	25.8	19.4	12.9	6.5	0.0
75°	57.9	44.8	31.5	23.2	15.5	7.7	0.0
72.5°	70.9	55.6	40.2	26.9	18.0	9.0	0.0
70°	84.2	66.3	48.8	31.1	20.4	10.2	0.0
67.5°	100.5	76.9	57.3	37.5	22.9	11.4	0.0
65°	116.5	88.8	65.6	43.7	25.2	12.6	0.0
62.5°	132.2	101.9	73.7	49.8	27.6	13.8	0.0
60°	147.6	114.7	81.7	55.8	29.9	14.9	0.0
57.5°	163.7	127.2	91.6	61.7	33.7	16.1	0.0
55°	179.5	139.4	101.4	67.3	37.5	17.1	0.0
52.5°	194.7	151.3	110.8	72.9	41.2	18.2	0.0
50°	209.3	163.4	120.0	78.2	44.8	19.2	0.0
47.5°	223.3	174.9	128.8	83.7	48.2	20.2	0.0
45°	237.1	185.9	137.3	90.0	51.5	21.1	0.0
42.5°	250.4	196.3	145.4	96.1	54.6	22.0	0.0
40°	263.0	206.2	153.2	101.9	57.6	22.9	0.0
37.5°	275.0	215.5	160.7	107.2	60.5	23.7	0.0
35°	286.2	224.6	167.7	112.2	63.2	24.5	0.0
32.5°	296.9	233.4	174.2	116.8	65.7	25.2	0.0
30°	307.0	241.6	180.2	121.1	68.1	25.9	0.0
27.5°	316.3	249.1	185.7	124.9	70.3	26.5	0.0
25°	324.6	256.0	190.7	128.4	72.3	27.1	0.0
22.5°	332.1	262.3	195.4	131.5	74.1	27.6	0.0
20°	338.6	267.7	199.7	134.1	75.8	28.1	0.0
17.5°	344.5	272.3	203.5	136.4	77.3	28.5	0.0
15°	350.0	276.2	206.9	138.3	78.5	28.9	0.0
12.5°	354.7	279.3	209.8	139.9	79.6	29.2	0.0
10°	358.6	281.6	212.2	141.0	80.5	29.4	0.0
7.5°	361.7	283.2	214.1	141.8	81.2	29.6	0.0
5°	364.0	284.1	215.5	142.2	81.7	29.8	0.0
2.5°	365.4	284.3	216.3	142.2	82.0	29.9	0.0
0°	365.9	283.8	216.6	141.9	82.1	29.9	0.0
-2.5°	365.4	284.3	216.3	142.2	82.0	29.9	0.0
-5°	364.0	284.1	215.5	142.2	81.7	29.8	0.0
-7.5°	361.7	283.2	214.1	141.8	81.2	29.6	0.0
-10°	358.6	281.6	212.2	141.0	80.5	29.4	0.0
-12.5°	354.7	279.3	209.8	139.9	79.6	29.2	0.0
-15°	350.0	276.2	206.9	138.3	78.5	28.9	0.0
-17.5°	344.5	272.3	203.5	136.4	77.3	28.5	0.0
-20°	338.6	267.7	199.7	134.1	75.8	28.1	0.0

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REPORT NUMBER: P627735 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	332.1	262.3	195.4	131.5	74.1	27.6	0.0
-25°	324.6	256.0	190.7	128.4	72.3	27.1	0.0
-27.5°	316.3	249.1	185.7	124.9	70.3	26.5	0.0
-30°	307.0	241.6	180.2	121.1	68.1	25.9	0.0
-32.5°	296.9	233.4	174.2	116.8	65.7	25.2	0.0
-35°	286.2	224.6	167.7	112.2	63.2	24.5	0.0
-37.5°	275.0	215.5	160.7	107.2	60.5	23.7	0.0
-40°	263.0	206.2	153.2	101.9	57.6	22.9	0.0
-42.5°	250.4	196.3	145.4	96.1	54.6	22.0	0.0
-45°	237.1	185.9	137.3	90.0	51.5	21.1	0.0
-47.5°	223.3	174.9	128.8	83.7	48.2	20.2	0.0
-50°	209.3	163.4	120.0	78.2	44.8	19.2	0.0
-52.5°	194.7	151.3	110.8	72.9	41.2	18.2	0.0
-55°	179.5	139.4	101.4	67.3	37.5	17.1	0.0
-57.5°	163.7	127.2	91.6	61.7	33.7	16.1	0.0
-60°	147.6	114.7	81.7	55.8	29.9	14.9	0.0
-62.5°	132.2	101.9	73.7	49.8	27.6	13.8	0.0
-65°	116.5	88.8	65.6	43.7	25.2	12.6	0.0
-67.5°	100.5	76.9	57.3	37.5	22.9	11.4	0.0
-70°	84.2	66.3	48.8	31.1	20.4	10.2	0.0
-72.5°	70.9	55.6	40.2	26.9	18.0	9.0	0.0
-75°	57.9	44.8	31.5	23.2	15.5	7.7	0.0
-77.5°	44.8	33.8	25.8	19.4	12.9	6.5	0.0
-80°	31.5	25.8	20.7	15.5	10.4	5.2	0.0
-82.5°	23.2	19.4	15.5	11.7	7.8	3.9	0.0
-85°	15.5	12.9	10.4	7.8	5.2	2.6	0.0
-87.5°	7.7	6.5	5.2	3.9	2.6	1.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)