

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: P626861 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2B-735-U-VWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626861 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-17)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2B-735-U-VWR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N49
Light Source: (32) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

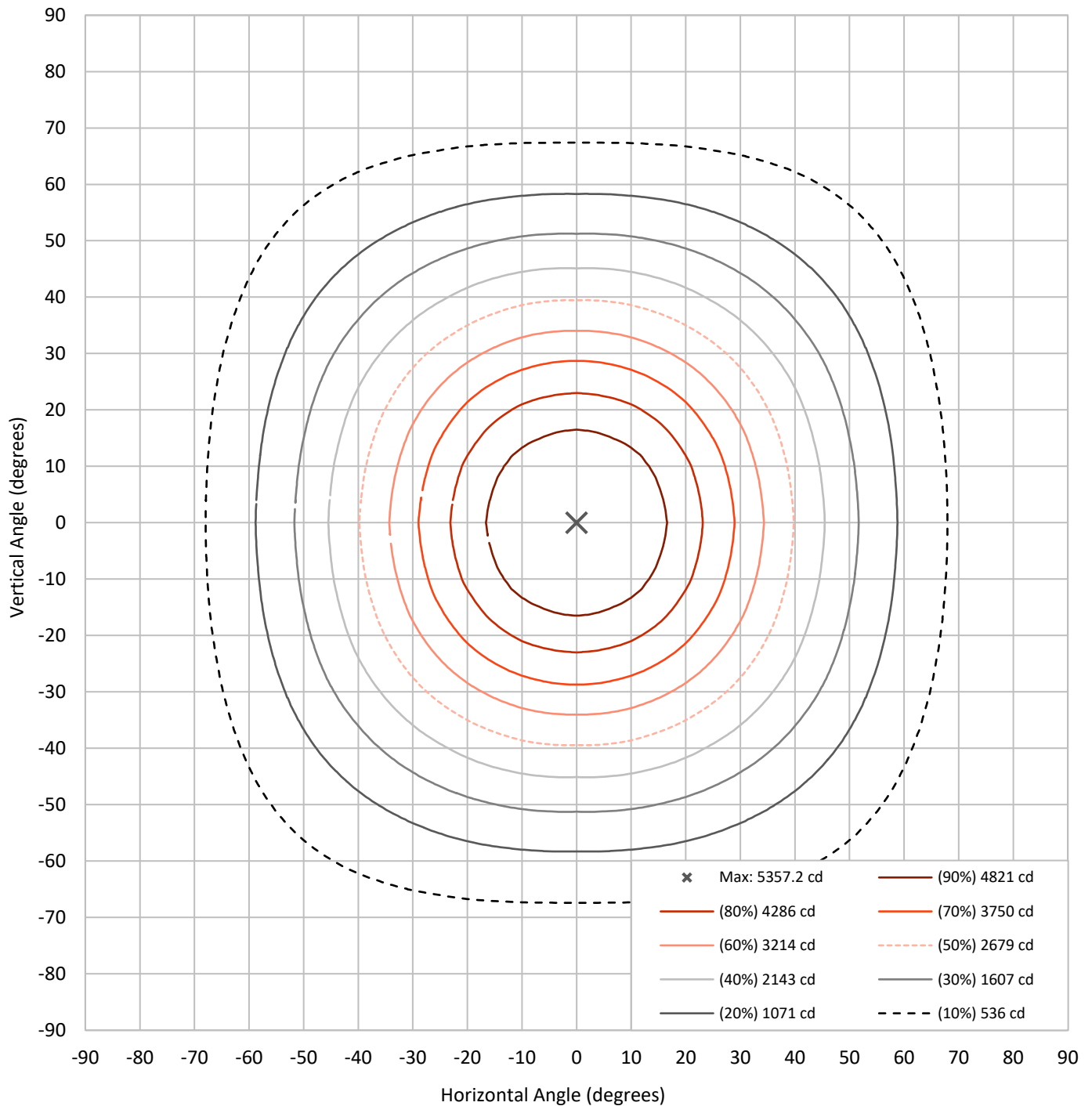
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	9682.7 lumens	Max Intensity:	5357.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	152.2 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	79.6°H x 78.9°V	Field Angle (10%):	135.9°H x 134.8°V
Beam Lumens:	5679 lumens	Field Lumens:	9230.8 lumens
Beam Efficiency:	58.7%	Field Efficiency:	95.3%
Input Watts (W):	63.6		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





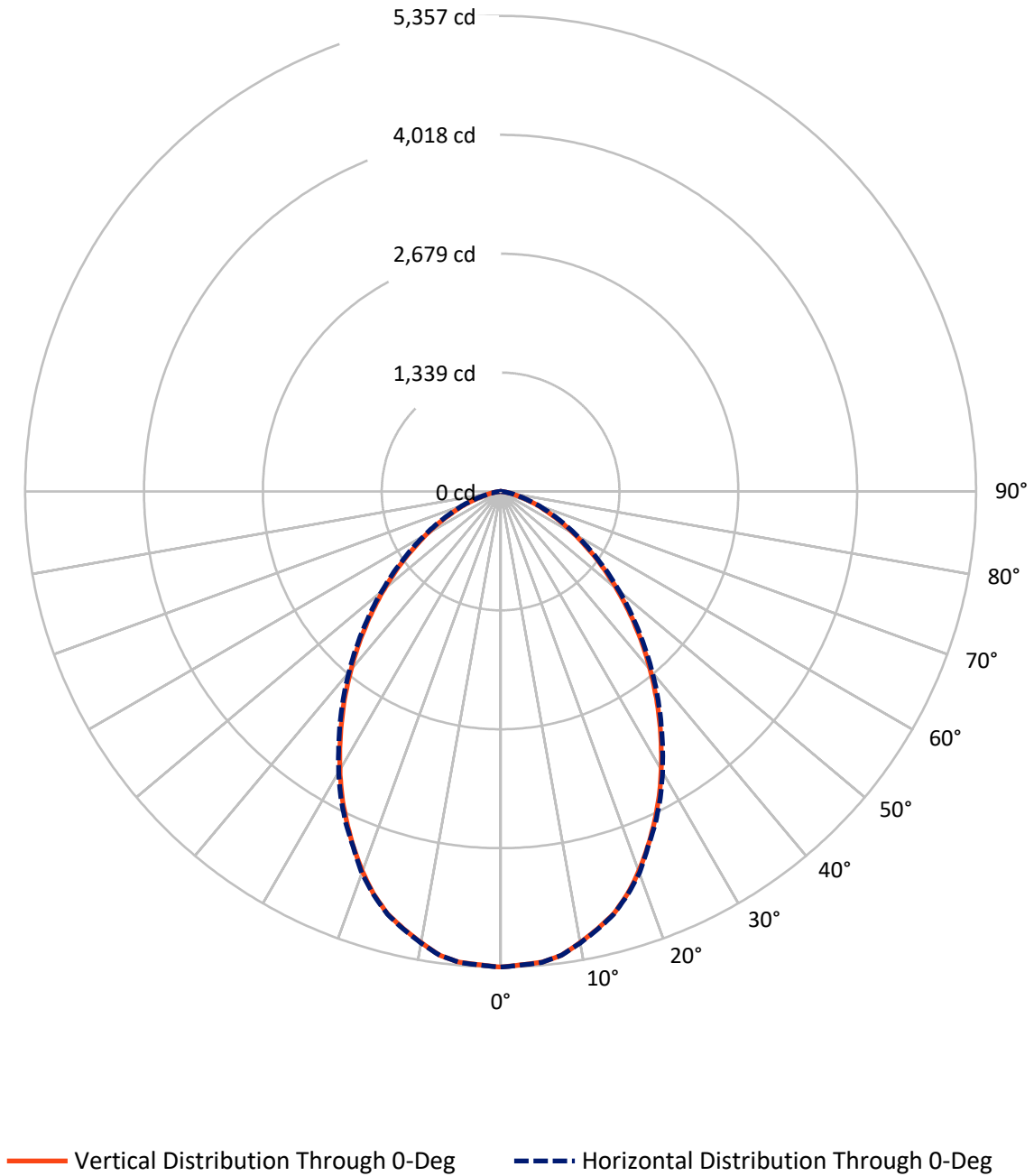
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Lumen Table

90																			
80	0.3		4.0		10.8		18.3		17.3		18.3		10.8		4.0		0.3		
70																			
60	1.8		2.5	5.0	8.5	12.5	16.1	18.9	20.2	20.2	18.9	16.1	12.5	8.5	5.0	2.5		1.8	
50																			
40	3.2		3.7	8.1	14.5	22.0	29.9	36.4	39.8	39.8	36.4	29.9	22.0	14.5	8.1	3.7		3.2	
30																			
20	4.1		5.0	11.8	21.7	34.4	47.7	58.9	65.0	65.0	58.9	47.7	34.4	21.7	11.8	5.0		4.1	
10																			
0	4.4		6.3	15.6	29.9	48.2	67.6	84.1	93.6	93.6	84.1	67.6	48.2	29.9	15.6	6.3		4.4	
-10																			
-20	4.1		7.6	19.2	37.6	61.4	87.1	109.6	122.5	122.5	109.6	87.1	61.4	37.6	19.2	7.6		4.1	
-30																			
-40	3.2		8.5	22.0	43.4	71.7	103.0	130.6	146.3	146.3	130.6	103.0	71.7	43.4	22.0	8.5		3.2	
-50																			
-60	1.8		9.1	23.5	46.7	77.4	111.8	142.0	158.5	158.5	142.0	111.8	77.4	46.7	23.5	9.1		1.8	
-70																			
-80	0.3		2.5	5.0	8.5	12.5	16.1	18.9	20.2	20.2	18.9	16.1	12.5	8.5	5.0	2.5		0.3	
-90																			
		-90																	
		-80																	
		-70																	
		-60																	
		-50																	
		-40																	
		-30																	
		-20																	
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		0																	
		10																	
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		30																	
		40																	
		50																	
		60																	
		70																	
		80																	
		90																	

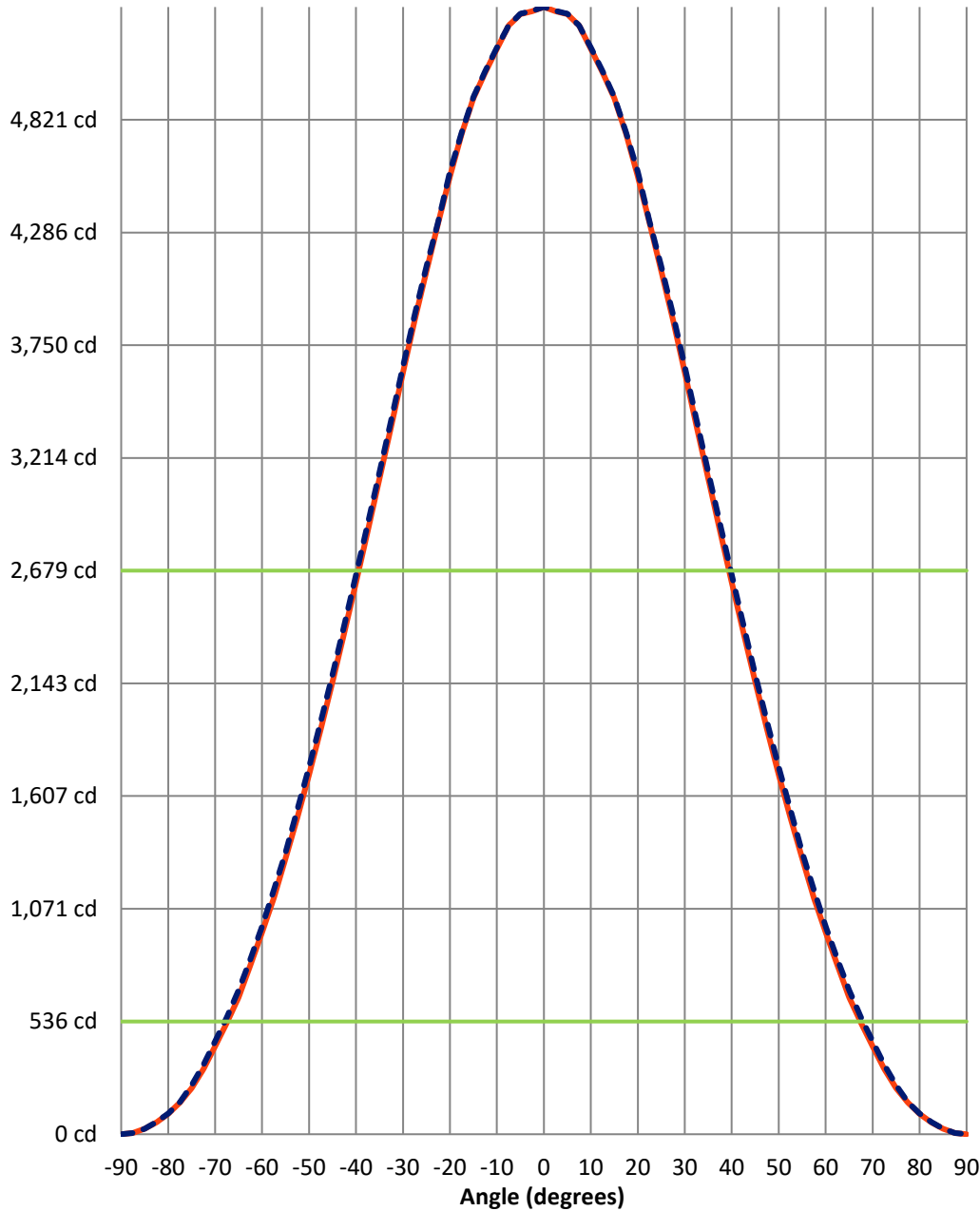
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 79.6°
 V Angle: 78.9°
 Lumens: 5679
 Efficiency: 58.7%

Field:
 H Angle: 135.9°
 V Angle: 134.8°
 Lumens: 9230.8
 Efficiency: 95.3%

Spill:
 Lumens: 451.9
 Efficiency: 4.7%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.3	0.7	1.0	1.4	1.7	2.1	2.4	2.7	3.1	3.4
85°	0.0	0.6	1.4	2.1	2.8	3.5	4.1	4.8	5.5	6.1	6.8
82.5°	0.0	0.9	2.1	3.1	4.2	5.2	6.2	7.2	9.0	14.2	19.2
80°	0.0	1.2	2.8	4.2	5.5	6.9	9.3	16.6	23.7	30.4	36.9
77.5°	0.0	1.5	3.4	5.2	6.9	10.8	20.4	29.6	38.2	46.5	56.8
75°	0.0	1.8	4.1	6.2	9.0	18.7	31.1	42.4	53.2	68.1	83.9
72.5°	0.0	2.1	4.8	7.2	14.3	26.4	41.6	56.2	73.2	91.3	110.5
70°	0.0	2.4	5.4	8.6	19.5	33.9	52.0	72.8	92.7	114.1	139.0
67.5°	0.0	2.6	6.0	11.8	24.5	41.0	64.5	88.9	111.9	138.8	167.4
65°	0.0	2.9	6.6	14.9	29.3	48.9	76.5	104.6	132.5	162.8	193.9
62.5°	0.0	3.2	7.2	17.8	33.8	57.7	87.8	121.0	152.5	185.7	217.7
60°	0.0	3.4	7.7	20.6	38.0	65.9	98.5	137.4	171.7	207.2	241.1
57.5°	0.0	3.7	9.3	23.2	43.7	73.7	109.8	152.6	190.6	228.2	263.3
55°	0.0	3.9	10.8	25.7	49.0	80.9	120.5	165.7	209.2	248.6	284.6
52.5°	0.0	4.1	12.3	27.9	54.0	87.7	130.4	179.3	227.4	267.4	305.3
50°	0.0	4.3	13.7	30.0	58.7	95.0	139.4	192.3	244.7	285.6	329.1
47.5°	0.0	4.6	15.0	32.1	62.9	101.6	147.9	204.3	260.4	303.2	352.4
45°	0.0	4.7	16.3	34.9	66.6	107.6	157.4	215.4	272.5	323.1	374.8
42.5°	0.0	4.9	17.5	37.5	70.0	112.9	166.0	225.6	284.2	342.2	401.0
40°	0.0	5.1	18.7	40.1	73.4	117.6	173.9	235.3	296.3	360.0	426.6
37.5°	0.0	5.2	19.7	42.6	76.7	121.5	180.9	244.5	309.9	377.0	450.6
35°	0.0	5.4	20.7	45.0	79.6	126.1	187.1	253.2	323.2	396.5	474.8
32.5°	0.0	5.5	21.6	47.2	81.9	130.7	192.9	261.2	336.0	415.2	500.4
30°	0.0	5.6	22.4	49.2	83.9	134.6	198.8	269.3	348.4	433.2	524.4
27.5°	0.0	5.7	23.2	51.0	86.7	137.9	204.2	278.7	361.2	450.2	546.6
25°	0.0	5.8	23.9	52.6	89.4	140.5	208.9	287.4	374.5	467.5	567.2
22.5°	0.0	5.9	24.5	54.1	91.8	143.1	213.0	295.4	386.8	483.9	589.0
20°	0.0	6.0	25.0	55.3	93.8	146.6	216.3	302.6	397.9	498.6	608.7
17.5°	0.0	6.0	25.4	56.4	95.5	149.5	220.5	308.9	407.8	511.4	626.0
15°	0.0	6.0	25.7	57.2	96.9	151.8	224.8	315.0	416.5	522.5	640.9
12.5°	0.0	6.1	26.0	57.8	98.0	153.4	228.3	320.6	424.3	531.6	653.3
10°	0.0	6.1	26.2	58.3	98.7	154.4	231.0	325.0	431.0	540.2	663.9
7.5°	0.0	6.1	26.3	58.6	99.1	154.8	232.8	328.1	436.1	547.1	673.0
5°	0.0	6.1	26.3	58.6	99.2	154.6	233.8	329.8	439.7	552.1	679.5
2.5°	0.0	6.0	26.2	58.5	98.9	153.9	233.8	330.2	441.6	555.2	683.4
0°	0.0	6.0	26.1	58.2	98.4	152.6	232.9	329.3	441.7	556.2	684.7
-2.5°	0.0	6.0	26.2	58.5	98.9	153.9	233.8	330.2	441.6	555.2	683.4
-5°	0.0	6.1	26.3	58.6	99.2	154.6	233.8	329.8	439.7	552.1	679.5
-7.5°	0.0	6.1	26.3	58.6	99.1	154.8	232.8	328.1	436.1	547.1	673.0
-10°	0.0	6.1	26.2	58.3	98.7	154.4	231.0	325.0	431.0	540.2	663.9
-12.5°	0.0	6.1	26.0	57.8	98.0	153.4	228.3	320.6	424.3	531.6	653.3
-15°	0.0	6.0	25.7	57.2	96.9	151.8	224.8	315.0	416.5	522.5	640.9
-17.5°	0.0	6.0	25.4	56.4	95.5	149.5	220.5	308.9	407.8	511.4	626.0
-20°	0.0	6.0	25.0	55.3	93.8	146.6	216.3	302.6	397.9	498.6	608.7

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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	5.9	24.5	54.1	91.8	143.1	213.0	295.4	386.8	483.9	589.0
-25°	0.0	5.8	23.9	52.6	89.4	140.5	208.9	287.4	374.5	467.5	567.2
-27.5°	0.0	5.7	23.2	51.0	86.7	137.9	204.2	278.7	361.2	450.2	546.6
-30°	0.0	5.6	22.4	49.2	83.9	134.6	198.8	269.3	348.4	433.2	524.4
-32.5°	0.0	5.5	21.6	47.2	81.9	130.7	192.9	261.2	336.0	415.2	500.4
-35°	0.0	5.4	20.7	45.0	79.6	126.1	187.1	253.2	323.2	396.5	474.8
-37.5°	0.0	5.2	19.7	42.6	76.7	121.5	180.9	244.5	309.9	377.0	450.6
-40°	0.0	5.1	18.7	40.1	73.4	117.6	173.9	235.3	296.3	360.0	426.6
-42.5°	0.0	4.9	17.5	37.5	70.0	112.9	166.0	225.6	284.2	342.2	401.0
-45°	0.0	4.7	16.3	34.9	66.6	107.6	157.4	215.4	272.5	323.1	374.8
-47.5°	0.0	4.6	15.0	32.1	62.9	101.6	147.9	204.3	260.4	303.2	352.4
-50°	0.0	4.3	13.7	30.0	58.7	95.0	139.4	192.3	244.7	285.6	329.1
-52.5°	0.0	4.1	12.3	27.9	54.0	87.7	130.4	179.3	227.4	267.4	305.3
-55°	0.0	3.9	10.8	25.7	49.0	80.9	120.5	165.7	209.2	248.6	284.6
-57.5°	0.0	3.7	9.3	23.2	43.7	73.7	109.8	152.6	190.6	228.2	263.3
-60°	0.0	3.4	7.7	20.6	38.0	65.9	98.5	137.4	171.7	207.2	241.1
-62.5°	0.0	3.2	7.2	17.8	33.8	57.7	87.8	121.0	152.5	185.7	217.7
-65°	0.0	2.9	6.6	14.9	29.3	48.9	76.5	104.6	132.5	162.8	193.9
-67.5°	0.0	2.6	6.0	11.8	24.5	41.0	64.5	88.9	111.9	138.8	167.4
-70°	0.0	2.4	5.4	8.6	19.5	33.9	52.0	72.8	92.7	114.1	139.0
-72.5°	0.0	2.1	4.8	7.2	14.3	26.4	41.6	56.2	73.2	91.3	110.5
-75°	0.0	1.8	4.1	6.2	9.0	18.7	31.1	42.4	53.2	68.1	83.9
-77.5°	0.0	1.5	3.4	5.2	6.9	10.8	20.4	29.6	38.2	46.5	56.8
-80°	0.0	1.2	2.8	4.2	5.5	6.9	9.3	16.6	23.7	30.4	36.9
-82.5°	0.0	0.9	2.1	3.1	4.2	5.2	6.2	7.2	9.0	14.2	19.2
-85°	0.0	0.6	1.4	2.1	2.8	3.5	4.1	4.8	5.5	6.1	6.8
-87.5°	0.0	0.3	0.7	1.0	1.4	1.7	2.1	2.4	2.7	3.1	3.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	3.9	4.5	5.1	5.7	5.8	5.8	5.7	5.7	5.9	6.1	6.3
85°	7.8	9.0	12.5	15.9	17.5	18.5	19.0	18.9	22.0	25.5	29.4
82.5°	24.4	29.4	34.3	38.8	40.0	40.0	39.6	39.8	47.0	55.3	63.8
80°	43.5	49.9	58.4	65.9	69.1	70.8	71.6	71.5	80.6	92.8	105.6
77.5°	69.0	79.8	89.1	97.1	101.4	105.2	108.2	110.6	122.3	137.7	153.0
75°	98.1	109.9	121.6	131.8	139.0	144.3	149.2	157.1	172.5	190.5	206.1
72.5°	128.8	143.8	156.9	168.0	178.0	188.7	200.6	213.6	229.9	247.8	264.1
70°	161.6	178.1	191.8	205.1	218.8	234.7	252.6	270.2	288.3	308.1	327.1
67.5°	193.6	209.5	225.6	242.5	262.9	284.3	305.4	329.7	354.5	376.5	396.1
65°	221.4	240.1	260.3	283.1	308.4	335.5	363.8	392.9	424.3	450.7	474.8
62.5°	248.0	270.5	295.0	323.5	355.7	387.8	423.8	460.3	495.7	526.8	555.5
60°	272.5	299.7	330.7	365.7	403.3	446.0	487.0	528.4	567.2	602.4	638.8
57.5°	296.3	330.6	367.8	409.7	457.3	505.3	553.4	598.0	642.0	684.9	725.9
55°	321.5	362.9	407.1	458.6	512.2	568.9	620.8	670.5	719.0	771.0	820.5
52.5°	349.3	395.5	450.8	508.4	570.4	631.2	688.2	744.9	803.5	862.4	926.8
50°	376.0	433.6	494.3	561.3	628.2	693.5	758.8	824.0	894.2	966.5	1039.5
47.5°	407.3	470.2	541.9	613.7	686.8	759.4	832.2	911.1	990.8	1074.6	1155.4
45°	439.0	509.7	586.9	668.2	747.2	827.6	912.7	999.9	1093.4	1185.5	1282.7
42.5°	469.0	548.9	634.1	721.8	809.7	899.5	993.1	1094.9	1197.1	1303.4	1410.2
40°	502.3	586.3	680.1	776.7	872.1	971.7	1078.7	1188.9	1304.5	1421.4	1537.4
37.5°	534.3	626.6	725.2	829.2	936.3	1045.6	1161.8	1287.0	1412.4	1538.2	1666.0
35°	564.2	664.8	771.6	882.0	995.6	1119.9	1249.9	1383.5	1519.3	1655.4	1792.9
32.5°	595.0	700.8	815.9	934.1	1059.2	1192.6	1334.9	1479.7	1624.4	1769.7	1920.3
30°	625.9	738.6	858.9	983.4	1120.2	1265.6	1418.5	1571.9	1724.9	1884.8	2045.3
27.5°	655.0	774.4	901.1	1034.3	1178.7	1333.2	1495.5	1659.8	1824.9	1994.9	2166.0
25°	681.9	808.3	940.2	1083.3	1236.3	1398.2	1567.3	1738.8	1919.8	2101.7	2280.4
22.5°	708.1	839.5	976.5	1128.4	1288.6	1458.5	1634.7	1815.7	2004.9	2200.2	2385.2
20°	733.2	869.2	1011.8	1169.4	1335.3	1512.9	1695.9	1885.5	2083.9	2284.5	2483.4
17.5°	755.6	895.6	1044.7	1207.6	1380.0	1562.6	1751.1	1946.9	2154.2	2362.0	2572.8
15°	775.1	918.6	1073.2	1241.0	1419.5	1607.7	1802.3	2003.6	2216.2	2432.7	2651.8
12.5°	791.6	938.1	1097.1	1269.4	1453.0	1646.5	1846.3	2054.7	2273.1	2495.6	2721.0
10°	805.0	953.9	1116.5	1292.6	1480.4	1678.5	1882.5	2096.8	2321.7	2549.1	2779.3
7.5°	816.4	967.1	1131.9	1310.5	1501.4	1703.6	1910.7	2129.7	2360.5	2590.8	2826.0
5°	824.6	977.8	1146.1	1325.4	1519.8	1723.1	1932.1	2153.1	2388.8	2620.5	2859.9
2.5°	829.6	984.8	1155.7	1335.2	1534.2	1737.8	1951.1	2173.8	2409.6	2644.1	2885.4
0°	831.3	987.9	1160.6	1339.3	1542.1	1744.9	1961.8	2184.7	2419.6	2658.5	2901.5
-2.5°	829.6	984.8	1155.7	1335.2	1534.2	1737.8	1951.1	2173.8	2409.6	2644.1	2885.4
-5°	824.6	977.8	1146.1	1325.4	1519.8	1723.1	1932.1	2153.1	2388.8	2620.5	2859.9
-7.5°	816.4	967.1	1131.9	1310.5	1501.4	1703.6	1910.7	2129.7	2360.5	2590.8	2826.0
-10°	805.0	953.9	1116.5	1292.6	1480.4	1678.5	1882.5	2096.8	2321.7	2549.1	2779.3
-12.5°	791.6	938.1	1097.1	1269.4	1453.0	1646.5	1846.3	2054.7	2273.1	2495.6	2721.0
-15°	775.1	918.6	1073.2	1241.0	1419.5	1607.7	1802.3	2003.6	2216.2	2432.7	2651.8
-17.5°	755.6	895.6	1044.7	1207.6	1380.0	1562.6	1751.1	1946.9	2154.2	2362.0	2572.8
-20°	733.2	869.2	1011.8	1169.4	1335.3	1512.9	1695.9	1885.5	2083.9	2284.5	2483.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626861 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-735-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	708.1	839.5	976.5	1128.4	1288.6	1458.5	1634.7	1815.7	2004.9	2200.2	2385.2
-25°	681.9	808.3	940.2	1083.3	1236.3	1398.2	1567.3	1738.8	1919.8	2101.7	2280.4
-27.5°	655.0	774.4	901.1	1034.3	1178.7	1333.2	1495.5	1659.8	1824.9	1994.9	2166.0
-30°	625.9	738.6	858.9	983.4	1120.2	1265.6	1418.5	1571.9	1724.9	1884.8	2045.3
-32.5°	595.0	700.8	815.9	934.1	1059.2	1192.6	1334.9	1479.7	1624.4	1769.7	1920.3
-35°	564.2	664.8	771.6	882.0	995.6	1119.9	1249.9	1383.5	1519.3	1655.4	1792.9
-37.5°	534.3	626.6	725.2	829.2	936.3	1045.6	1161.8	1287.0	1412.4	1538.2	1666.0
-40°	502.3	586.3	680.1	776.7	872.1	971.7	1078.7	1188.9	1304.5	1421.4	1537.4
-42.5°	469.0	548.9	634.1	721.8	809.7	899.5	993.1	1094.9	1197.1	1303.4	1410.2
-45°	439.0	509.7	586.9	668.2	747.2	827.6	912.7	999.9	1093.4	1185.5	1282.7
-47.5°	407.3	470.2	541.9	613.7	686.8	759.4	832.2	911.1	990.8	1074.6	1155.4
-50°	376.0	433.6	494.3	561.3	628.2	693.5	758.8	824.0	894.2	966.5	1039.5
-52.5°	349.3	395.5	450.8	508.4	570.4	631.2	688.2	744.9	803.5	862.4	926.8
-55°	321.5	362.9	407.1	458.6	512.2	568.9	620.8	670.5	719.0	771.0	820.5
-57.5°	296.3	330.6	367.8	409.7	457.3	505.3	553.4	598.0	642.0	684.9	725.9
-60°	272.5	299.7	330.7	365.7	403.3	446.0	487.0	528.4	567.2	602.4	638.8
-62.5°	248.0	270.5	295.0	323.5	355.7	387.8	423.8	460.3	495.7	526.8	555.5
-65°	221.4	240.1	260.3	283.1	308.4	335.5	363.8	392.9	424.3	450.7	474.8
-67.5°	193.6	209.5	225.6	242.5	262.9	284.3	305.4	329.7	354.5	376.5	396.1
-70°	161.6	178.1	191.8	205.1	218.8	234.7	252.6	270.2	288.3	308.1	327.1
-72.5°	128.8	143.8	156.9	168.0	178.0	188.7	200.6	213.6	229.9	247.8	264.1
-75°	98.1	109.9	121.6	131.8	139.0	144.3	149.2	157.1	172.5	190.5	206.1
-77.5°	69.0	79.8	89.1	97.1	101.4	105.2	108.2	110.6	122.3	137.7	153.0
-80°	43.5	49.9	58.4	65.9	69.1	70.8	71.6	71.5	80.6	92.8	105.6
-82.5°	24.4	29.4	34.3	38.8	40.0	40.0	39.6	39.8	47.0	55.3	63.8
-85°	7.8	9.0	12.5	15.9	17.5	18.5	19.0	18.9	22.0	25.5	29.4
-87.5°	3.9	4.5	5.1	5.7	5.8	5.8	5.7	5.7	5.9	6.1	6.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626861 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-735-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.6	6.7	6.9	7.1	7.3	7.4	7.5	7.6	7.7	7.3	6.9
85°	33.5	35.9	38.1	40.2	42.3	44.2	46.0	47.6	49.2	44.9	40.2
82.5°	72.4	78.2	83.8	89.2	94.7	96.1	96.5	96.3	95.6	88.1	79.8
80°	118.2	128.1	137.4	146.5	155.6	156.6	155.6	153.7	151.1	141.3	130.1
77.5°	168.3	180.6	191.5	201.4	210.4	212.1	211.9	211.5	210.7	200.7	188.6
75°	219.5	231.6	243.3	253.2	261.5	265.3	267.2	268.5	269.2	262.0	252.6
72.5°	278.9	291.5	301.8	311.5	319.7	325.6	329.8	333.0	335.2	333.0	329.2
70°	343.4	356.9	368.3	379.2	390.3	399.2	405.9	410.7	413.8	415.8	417.3
67.5°	416.0	434.1	450.0	463.5	476.9	489.5	499.8	508.2	514.7	520.3	524.5
65°	497.8	521.0	541.6	560.5	577.8	596.0	611.0	623.5	633.6	642.0	648.6
62.5°	583.8	612.2	638.6	664.3	689.4	714.2	733.2	750.5	765.8	779.1	789.6
60°	673.1	705.5	740.9	774.8	805.9	834.4	862.7	887.2	908.1	925.5	939.5
57.5°	769.2	811.1	852.5	894.5	934.3	971.4	1006.2	1036.9	1062.9	1084.2	1102.0
55°	873.0	925.3	973.4	1026.4	1077.7	1124.3	1165.4	1201.5	1232.7	1258.9	1281.1
52.5°	987.0	1050.7	1113.1	1173.5	1231.6	1285.7	1334.9	1377.0	1414.4	1446.4	1472.0
50°	1111.9	1184.7	1257.1	1324.2	1391.0	1453.4	1509.8	1558.6	1602.1	1639.7	1669.4
47.5°	1242.5	1325.3	1406.1	1483.0	1557.0	1626.3	1687.3	1742.9	1797.2	1841.4	1876.4
45°	1378.0	1471.0	1560.2	1648.0	1729.5	1807.1	1882.4	1951.7	2007.3	2056.1	2097.0
42.5°	1515.2	1618.9	1718.8	1814.6	1904.2	1994.0	2078.7	2154.4	2217.9	2273.3	2319.8
40°	1654.3	1767.8	1877.8	1982.3	2084.6	2182.6	2274.2	2354.0	2425.6	2491.5	2546.3
37.5°	1792.6	1917.5	2039.4	2156.4	2269.1	2375.2	2474.2	2564.4	2645.2	2720.2	2781.1
35°	1931.5	2068.5	2202.0	2330.8	2453.9	2571.0	2679.4	2782.0	2877.2	2953.2	3015.4
32.5°	2069.9	2217.2	2362.4	2504.2	2639.0	2765.2	2882.6	2996.0	3094.0	3177.4	3249.1
30°	2203.8	2363.4	2521.5	2675.2	2820.8	2957.6	3087.6	3207.5	3312.9	3404.2	3484.5
27.5°	2335.2	2506.6	2676.3	2840.5	2998.0	3146.6	3288.5	3418.5	3533.5	3632.7	3717.4
25°	2459.4	2643.6	2824.5	2998.7	3166.8	3330.7	3484.0	3625.9	3748.6	3857.6	3944.6
22.5°	2578.0	2774.5	2964.6	3147.8	3327.6	3504.4	3672.1	3820.3	3950.4	4064.3	4160.6
20°	2688.6	2899.1	3093.6	3287.3	3476.8	3665.5	3845.6	4001.9	4139.6	4260.8	4367.0
17.5°	2791.9	3007.9	3212.6	3418.9	3618.6	3816.5	3999.5	4167.1	4315.6	4444.3	4555.6
15°	2879.4	3097.5	3321.1	3541.3	3751.9	3952.4	4135.1	4310.2	4475.1	4614.3	4727.1
12.5°	2950.2	3177.1	3410.3	3644.1	3866.8	4067.0	4258.4	4435.9	4609.1	4765.5	4869.2
10°	3010.6	3244.2	3485.0	3723.4	3949.1	4160.9	4368.9	4556.7	4726.9	4867.0	4982.7
7.5°	3062.8	3303.4	3547.9	3786.8	4011.7	4230.6	4444.7	4644.1	4816.0	4947.9	5051.1
5°	3101.3	3347.6	3596.9	3837.9	4066.0	4285.6	4500.7	4697.6	4865.4	4999.6	5112.2
2.5°	3128.8	3377.4	3628.5	3869.9	4103.0	4323.2	4543.7	4742.7	4905.2	5028.2	5136.0
0°	3146.5	3395.4	3648.5	3895.4	4124.3	4337.2	4574.1	4760.9	4929.5	5052.0	5164.5
-2.5°	3128.8	3377.4	3628.5	3869.9	4103.0	4323.2	4543.7	4742.7	4905.2	5028.2	5136.0
-5°	3101.3	3347.6	3596.9	3837.9	4066.0	4285.6	4500.7	4697.6	4865.4	4999.6	5112.2
-7.5°	3062.8	3303.4	3547.9	3786.8	4011.7	4230.6	4444.7	4644.1	4816.0	4947.9	5051.1
-10°	3010.6	3244.2	3485.0	3723.4	3949.1	4160.9	4368.9	4556.7	4726.9	4867.0	4982.7
-12.5°	2950.2	3177.1	3410.3	3644.1	3866.8	4067.0	4258.4	4435.9	4609.1	4765.5	4869.2
-15°	2879.4	3097.5	3321.1	3541.3	3751.9	3952.4	4135.1	4310.2	4475.1	4614.3	4727.1
-17.5°	2791.9	3007.9	3212.6	3418.9	3618.6	3816.5	3999.5	4167.1	4315.6	4444.3	4555.6
-20°	2688.6	2899.1	3093.6	3287.3	3476.8	3665.5	3845.6	4001.9	4139.6	4260.8	4367.0



REPORT NUMBER: P626861 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-735-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2578.0	2774.5	2964.6	3147.8	3327.6	3504.4	3672.1	3820.3	3950.4	4064.3	4160.6
-25°	2459.4	2643.6	2824.5	2998.7	3166.8	3330.7	3484.0	3625.9	3748.6	3857.6	3944.6
-27.5°	2335.2	2506.6	2676.3	2840.5	2998.0	3146.6	3288.5	3418.5	3533.5	3632.7	3717.4
-30°	2203.8	2363.4	2521.5	2675.2	2820.8	2957.6	3087.6	3207.5	3312.9	3404.2	3484.5
-32.5°	2069.9	2217.2	2362.4	2504.2	2639.0	2765.2	2882.6	2996.0	3094.0	3177.4	3249.1
-35°	1931.5	2068.5	2202.0	2330.8	2453.9	2571.0	2679.4	2782.0	2877.2	2953.2	3015.4
-37.5°	1792.6	1917.5	2039.4	2156.4	2269.1	2375.2	2474.2	2564.4	2645.2	2720.2	2781.1
-40°	1654.3	1767.8	1877.8	1982.3	2084.6	2182.6	2274.2	2354.0	2425.6	2491.5	2546.3
-42.5°	1515.2	1618.9	1718.8	1814.6	1904.2	1994.0	2078.7	2154.4	2217.9	2273.3	2319.8
-45°	1378.0	1471.0	1560.2	1648.0	1729.5	1807.1	1882.4	1951.7	2007.3	2056.1	2097.0
-47.5°	1242.5	1325.3	1406.1	1483.0	1557.0	1626.3	1687.3	1742.9	1797.2	1841.4	1876.4
-50°	1111.9	1184.7	1257.1	1324.2	1391.0	1453.4	1509.8	1558.6	1602.1	1639.7	1669.4
-52.5°	987.0	1050.7	1113.1	1173.5	1231.6	1285.7	1334.9	1377.0	1414.4	1446.4	1472.0
-55°	873.0	925.3	973.4	1026.4	1077.7	1124.3	1165.4	1201.5	1232.7	1258.9	1281.1
-57.5°	769.2	811.1	852.5	894.5	934.3	971.4	1006.2	1036.9	1062.9	1084.2	1102.0
-60°	673.1	705.5	740.9	774.8	805.9	834.4	862.7	887.2	908.1	925.5	939.5
-62.5°	583.8	612.2	638.6	664.3	689.4	714.2	733.2	750.5	765.8	779.1	789.6
-65°	497.8	521.0	541.6	560.5	577.8	596.0	611.0	623.5	633.6	642.0	648.6
-67.5°	416.0	434.1	450.0	463.5	476.9	489.5	499.8	508.2	514.7	520.3	524.5
-70°	343.4	356.9	368.3	379.2	390.3	399.2	405.9	410.7	413.8	415.8	417.3
-72.5°	278.9	291.5	301.8	311.5	319.7	325.6	329.8	333.0	335.2	333.0	329.2
-75°	219.5	231.6	243.3	253.2	261.5	265.3	267.2	268.5	269.2	262.0	252.6
-77.5°	168.3	180.6	191.5	201.4	210.4	212.1	211.9	211.5	210.7	200.7	188.6
-80°	118.2	128.1	137.4	146.5	155.6	156.6	155.6	153.7	151.1	141.3	130.1
-82.5°	72.4	78.2	83.8	89.2	94.7	96.1	96.5	96.3	95.6	88.1	79.8
-85°	33.5	35.9	38.1	40.2	42.3	44.2	46.0	47.6	49.2	44.9	40.2
-87.5°	6.6	6.7	6.9	7.1	7.3	7.4	7.5	7.6	7.7	7.3	6.9
-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: P626861 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-735-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.4	6.0	6.0	6.0	6.0	6.0	6.4	6.9	7.3	7.7	7.6
85°	35.2	30.0	28.1	26.1	28.1	30.0	35.2	40.2	44.9	49.2	47.6
82.5°	71.1	62.0	59.1	56.2	59.1	62.0	71.1	79.8	88.1	95.6	96.3
80°	118.4	106.1	101.3	96.4	101.3	106.1	118.4	130.1	141.3	151.1	153.7
77.5°	175.7	162.2	156.5	150.6	156.5	162.2	175.7	188.6	200.7	210.7	211.5
75°	242.7	232.1	225.7	218.9	225.7	232.1	242.7	252.6	262.0	269.2	268.5
72.5°	324.8	319.6	314.9	309.2	314.9	319.6	324.8	329.2	333.0	335.2	333.0
70°	417.7	417.1	417.9	417.7	417.9	417.1	417.7	417.3	415.8	413.8	410.7
67.5°	526.7	526.9	529.1	530.1	529.1	526.9	526.7	524.5	520.3	514.7	508.2
65°	652.8	654.3	653.7	650.6	653.7	654.3	652.8	648.6	642.0	633.6	623.5
62.5°	797.0	801.4	803.7	803.2	803.7	801.4	797.0	789.6	779.1	765.8	750.5
60°	949.9	956.7	960.1	959.8	960.1	956.7	949.9	939.5	925.5	908.1	887.2
57.5°	1115.3	1124.1	1126.1	1122.4	1126.1	1124.1	1115.3	1102.0	1084.2	1062.9	1036.9
55°	1297.8	1308.9	1313.2	1311.2	1313.2	1308.9	1297.8	1281.1	1258.9	1232.7	1201.5
52.5°	1490.7	1502.8	1507.1	1504.0	1507.1	1502.8	1490.7	1472.0	1446.4	1414.4	1377.0
50°	1691.1	1705.7	1711.6	1708.8	1711.6	1705.7	1691.1	1669.4	1639.7	1602.1	1558.6
47.5°	1903.8	1923.2	1930.8	1925.6	1930.8	1923.2	1903.8	1876.4	1841.4	1797.2	1742.9
45°	2127.6	2147.8	2155.6	2150.5	2155.6	2147.8	2127.6	2097.0	2056.1	2007.3	1951.7
42.5°	2355.4	2381.6	2392.6	2383.4	2392.6	2381.6	2355.4	2319.8	2273.3	2217.9	2154.4
40°	2587.3	2615.7	2628.8	2622.4	2628.8	2615.7	2587.3	2546.3	2491.5	2425.6	2354.0
37.5°	2825.1	2853.3	2867.2	2867.4	2867.2	2853.3	2825.1	2781.1	2720.2	2645.2	2564.4
35°	3063.7	3097.9	3117.3	3116.3	3117.3	3097.9	3063.7	3015.4	2953.2	2877.2	2782.0
32.5°	3305.7	3342.8	3362.6	3365.3	3362.6	3342.8	3305.7	3249.1	3177.4	3094.0	2996.0
30°	3547.3	3588.0	3610.9	3620.3	3610.9	3588.0	3547.3	3484.5	3404.2	3312.9	3207.5
27.5°	3781.6	3831.7	3866.4	3869.3	3866.4	3831.7	3781.6	3717.4	3632.7	3533.5	3418.5
25°	4008.5	4059.5	4095.1	4102.2	4095.1	4059.5	4008.5	3944.6	3857.6	3748.6	3625.9
22.5°	4232.1	4285.5	4318.2	4331.2	4318.2	4285.5	4232.1	4160.6	4064.3	3950.4	3820.3
20°	4445.6	4503.4	4538.2	4552.0	4538.2	4503.4	4445.6	4367.0	4260.8	4139.6	4001.9
17.5°	4638.8	4699.9	4742.7	4754.8	4742.7	4699.9	4638.8	4555.6	4444.3	4315.6	4167.1
15°	4808.7	4866.7	4907.4	4923.5	4907.4	4866.7	4808.7	4727.1	4614.3	4475.1	4310.2
12.5°	4947.1	4999.0	5030.9	5046.0	5030.9	4999.0	4947.1	4869.2	4765.5	4609.1	4435.9
10°	5055.2	5107.2	5137.7	5158.4	5137.7	5107.2	5055.2	4982.7	4867.0	4726.9	4556.7
7.5°	5149.0	5202.3	5239.5	5268.9	5239.5	5202.3	5149.0	5051.1	4947.9	4816.0	4644.1
5°	5200.8	5289.8	5303.2	5323.1	5303.2	5289.8	5200.8	5112.2	4999.6	4865.4	4697.6
2.5°	5240.3	5303.4	5341.3	5337.1	5341.3	5303.4	5240.3	5136.0	5028.2	4905.2	4742.7
0°	5268.9	5325.1	5339.1	5357.2	5339.1	5325.1	5268.9	5164.5	5052.0	4929.5	4760.9
-2.5°	5240.3	5303.4	5341.3	5337.1	5341.3	5303.4	5240.3	5136.0	5028.2	4905.2	4742.7
-5°	5200.8	5289.8	5303.2	5323.1	5303.2	5289.8	5200.8	5112.2	4999.6	4865.4	4697.6
-7.5°	5149.0	5202.3	5239.5	5268.9	5239.5	5202.3	5149.0	5051.1	4947.9	4816.0	4644.1
-10°	5055.2	5107.2	5137.7	5158.4	5137.7	5107.2	5055.2	4982.7	4867.0	4726.9	4556.7
-12.5°	4947.1	4999.0	5030.9	5046.0	5030.9	4999.0	4947.1	4869.2	4765.5	4609.1	4435.9
-15°	4808.7	4866.7	4907.4	4923.5	4907.4	4866.7	4808.7	4727.1	4614.3	4475.1	4310.2
-17.5°	4638.8	4699.9	4742.7	4754.8	4742.7	4699.9	4638.8	4555.6	4444.3	4315.6	4167.1
-20°	4445.6	4503.4	4538.2	4552.0	4538.2	4503.4	4445.6	4367.0	4260.8	4139.6	4001.9



REPORT NUMBER: P626861 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-735-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4232.1	4285.5	4318.2	4331.2	4318.2	4285.5	4232.1	4160.6	4064.3	3950.4	3820.3
-25°	4008.5	4059.5	4095.1	4102.2	4095.1	4059.5	4008.5	3944.6	3857.6	3748.6	3625.9
-27.5°	3781.6	3831.7	3866.4	3869.3	3866.4	3831.7	3781.6	3717.4	3632.7	3533.5	3418.5
-30°	3547.3	3588.0	3610.9	3620.3	3610.9	3588.0	3547.3	3484.5	3404.2	3312.9	3207.5
-32.5°	3305.7	3342.8	3362.6	3365.3	3362.6	3342.8	3305.7	3249.1	3177.4	3094.0	2996.0
-35°	3063.7	3097.9	3117.3	3116.3	3117.3	3097.9	3063.7	3015.4	2953.2	2877.2	2782.0
-37.5°	2825.1	2853.3	2867.2	2867.4	2867.2	2853.3	2825.1	2781.1	2720.2	2645.2	2564.4
-40°	2587.3	2615.7	2628.8	2622.4	2628.8	2615.7	2587.3	2546.3	2491.5	2425.6	2354.0
-42.5°	2355.4	2381.6	2392.6	2383.4	2392.6	2381.6	2355.4	2319.8	2273.3	2217.9	2154.4
-45°	2127.6	2147.8	2155.6	2150.5	2155.6	2147.8	2127.6	2097.0	2056.1	2007.3	1951.7
-47.5°	1903.8	1923.2	1930.8	1925.6	1930.8	1923.2	1903.8	1876.4	1841.4	1797.2	1742.9
-50°	1691.1	1705.7	1711.6	1708.8	1711.6	1705.7	1691.1	1669.4	1639.7	1602.1	1558.6
-52.5°	1490.7	1502.8	1507.1	1504.0	1507.1	1502.8	1490.7	1472.0	1446.4	1414.4	1377.0
-55°	1297.8	1308.9	1313.2	1311.2	1313.2	1308.9	1297.8	1281.1	1258.9	1232.7	1201.5
-57.5°	1115.3	1124.1	1126.1	1122.4	1126.1	1124.1	1115.3	1102.0	1084.2	1062.9	1036.9
-60°	949.9	956.7	960.1	959.8	960.1	956.7	949.9	939.5	925.5	908.1	887.2
-62.5°	797.0	801.4	803.7	803.2	803.7	801.4	797.0	789.6	779.1	765.8	750.5
-65°	652.8	654.3	653.7	650.6	653.7	654.3	652.8	648.6	642.0	633.6	623.5
-67.5°	526.7	526.9	529.1	530.1	529.1	526.9	526.7	524.5	520.3	514.7	508.2
-70°	417.7	417.1	417.9	417.7	417.9	417.1	417.7	417.3	415.8	413.8	410.7
-72.5°	324.8	319.6	314.9	309.2	314.9	319.6	324.8	329.2	333.0	335.2	333.0
-75°	242.7	232.1	225.7	218.9	225.7	232.1	242.7	252.6	262.0	269.2	268.5
-77.5°	175.7	162.2	156.5	150.6	156.5	162.2	175.7	188.6	200.7	210.7	211.5
-80°	118.4	106.1	101.3	96.4	101.3	106.1	118.4	130.1	141.3	151.1	153.7
-82.5°	71.1	62.0	59.1	56.2	59.1	62.0	71.1	79.8	88.1	95.6	96.3
-85°	35.2	30.0	28.1	26.1	28.1	30.0	35.2	40.2	44.9	49.2	47.6
-87.5°	6.4	6.0	6.0	6.0	6.0	6.0	6.4	6.9	7.3	7.7	7.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626861 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-735-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.5	7.4	7.3	7.1	6.9	6.7	6.6	6.3	6.1	5.9	5.7
85°	46.0	44.2	42.3	40.2	38.1	35.9	33.5	29.4	25.5	22.0	18.9
82.5°	96.5	96.1	94.7	89.2	83.8	78.2	72.4	63.8	55.3	47.0	39.8
80°	155.6	156.6	155.6	146.5	137.4	128.1	118.2	105.6	92.8	80.6	71.5
77.5°	211.9	212.1	210.4	201.4	191.5	180.6	168.3	153.0	137.7	122.3	110.6
75°	267.2	265.3	261.5	253.2	243.3	231.6	219.5	206.1	190.5	172.5	157.1
72.5°	329.8	325.6	319.7	311.5	301.8	291.5	278.9	264.1	247.8	229.9	213.6
70°	405.9	399.2	390.3	379.2	368.3	356.9	343.4	327.1	308.1	288.3	270.2
67.5°	499.8	489.5	476.9	463.5	450.0	434.1	416.0	396.1	376.5	354.5	329.7
65°	611.0	596.0	577.8	560.5	541.6	521.0	497.8	474.8	450.7	424.3	392.9
62.5°	733.2	714.2	689.4	664.3	638.6	612.2	583.8	555.5	526.8	495.7	460.3
60°	862.7	834.4	805.9	774.8	740.9	705.5	673.1	638.8	602.4	567.2	528.4
57.5°	1006.2	971.4	934.3	894.5	852.5	811.1	769.2	725.9	684.9	642.0	598.0
55°	1165.4	1124.3	1077.7	1026.4	973.4	925.3	873.0	820.5	771.0	719.0	670.5
52.5°	1334.9	1285.7	1231.6	1173.5	1113.1	1050.7	987.0	926.8	862.4	803.5	744.9
50°	1509.8	1453.4	1391.0	1324.2	1257.1	1184.7	1111.9	1039.5	966.5	894.2	824.0
47.5°	1687.3	1626.3	1557.0	1483.0	1406.1	1325.3	1242.5	1155.4	1074.6	990.8	911.1
45°	1882.4	1807.1	1729.5	1648.0	1560.2	1471.0	1378.0	1282.7	1185.5	1093.4	999.9
42.5°	2078.7	1994.0	1904.2	1814.6	1718.8	1618.9	1515.2	1410.2	1303.4	1197.1	1094.9
40°	2274.2	2182.6	2084.6	1982.3	1877.8	1767.8	1654.3	1537.4	1421.4	1304.5	1188.9
37.5°	2474.2	2375.2	2269.1	2156.4	2039.4	1917.5	1792.6	1666.0	1538.2	1412.4	1287.0
35°	2679.4	2571.0	2453.9	2330.8	2202.0	2068.5	1931.5	1792.9	1655.4	1519.3	1383.5
32.5°	2882.6	2765.2	2639.0	2504.2	2362.4	2217.2	2069.9	1920.3	1769.7	1624.4	1479.7
30°	3087.6	2957.6	2820.8	2675.2	2521.5	2363.4	2203.8	2045.3	1884.8	1724.9	1571.9
27.5°	3288.5	3146.6	2998.0	2840.5	2676.3	2506.6	2335.2	2166.0	1994.9	1824.9	1659.8
25°	3484.0	3330.7	3166.8	2998.7	2824.5	2643.6	2459.4	2280.4	2101.7	1919.8	1738.8
22.5°	3672.1	3504.4	3327.6	3147.8	2964.6	2774.5	2578.0	2385.2	2200.2	2004.9	1815.7
20°	3845.6	3665.5	3476.8	3287.3	3093.6	2899.1	2688.6	2483.4	2284.5	2083.9	1885.5
17.5°	3999.5	3816.5	3618.6	3418.9	3212.6	3007.9	2791.9	2572.8	2362.0	2154.2	1946.9
15°	4135.1	3952.4	3751.9	3541.3	3321.1	3097.5	2879.4	2651.8	2432.7	2216.2	2003.6
12.5°	4258.4	4067.0	3866.8	3644.1	3410.3	3177.1	2950.2	2721.0	2495.6	2273.1	2054.7
10°	4368.9	4160.9	3949.1	3723.4	3485.0	3244.2	3010.6	2779.3	2549.1	2321.7	2096.8
7.5°	4444.7	4230.6	4011.7	3786.8	3547.9	3303.4	3062.8	2826.0	2590.8	2360.5	2129.7
5°	4500.7	4285.6	4066.0	3837.9	3596.9	3347.6	3101.3	2859.9	2620.5	2388.8	2153.1
2.5°	4543.7	4323.2	4103.0	3869.9	3628.5	3377.4	3128.8	2885.4	2644.1	2409.6	2173.8
0°	4574.1	4337.2	4124.3	3895.4	3648.5	3395.4	3146.5	2901.5	2658.5	2419.6	2184.7
-2.5°	4543.7	4323.2	4103.0	3869.9	3628.5	3377.4	3128.8	2885.4	2644.1	2409.6	2173.8
-5°	4500.7	4285.6	4066.0	3837.9	3596.9	3347.6	3101.3	2859.9	2620.5	2388.8	2153.1
-7.5°	4444.7	4230.6	4011.7	3786.8	3547.9	3303.4	3062.8	2826.0	2590.8	2360.5	2129.7
-10°	4368.9	4160.9	3949.1	3723.4	3485.0	3244.2	3010.6	2779.3	2549.1	2321.7	2096.8
-12.5°	4258.4	4067.0	3866.8	3644.1	3410.3	3177.1	2950.2	2721.0	2495.6	2273.1	2054.7
-15°	4135.1	3952.4	3751.9	3541.3	3321.1	3097.5	2879.4	2651.8	2432.7	2216.2	2003.6
-17.5°	3999.5	3816.5	3618.6	3418.9	3212.6	3007.9	2791.9	2572.8	2362.0	2154.2	1946.9
-20°	3845.6	3665.5	3476.8	3287.3	3093.6	2899.1	2688.6	2483.4	2284.5	2083.9	1885.5

Classified

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

Scaled Data Report



REPORT NUMBER: P626861 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-735-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3672.1	3504.4	3327.6	3147.8	2964.6	2774.5	2578.0	2385.2	2200.2	2004.9	1815.7
-25°	3484.0	3330.7	3166.8	2998.7	2824.5	2643.6	2459.4	2280.4	2101.7	1919.8	1738.8
-27.5°	3288.5	3146.6	2998.0	2840.5	2676.3	2506.6	2335.2	2166.0	1994.9	1824.9	1659.8
-30°	3087.6	2957.6	2820.8	2675.2	2521.5	2363.4	2203.8	2045.3	1884.8	1724.9	1571.9
-32.5°	2882.6	2765.2	2639.0	2504.2	2362.4	2217.2	2069.9	1920.3	1769.7	1624.4	1479.7
-35°	2679.4	2571.0	2453.9	2330.8	2202.0	2068.5	1931.5	1792.9	1655.4	1519.3	1383.5
-37.5°	2474.2	2375.2	2269.1	2156.4	2039.4	1917.5	1792.6	1666.0	1538.2	1412.4	1287.0
-40°	2274.2	2182.6	2084.6	1982.3	1877.8	1767.8	1654.3	1537.4	1421.4	1304.5	1188.9
-42.5°	2078.7	1994.0	1904.2	1814.6	1718.8	1618.9	1515.2	1410.2	1303.4	1197.1	1094.9
-45°	1882.4	1807.1	1729.5	1648.0	1560.2	1471.0	1378.0	1282.7	1185.5	1093.4	999.9
-47.5°	1687.3	1626.3	1557.0	1483.0	1406.1	1325.3	1242.5	1155.4	1074.6	990.8	911.1
-50°	1509.8	1453.4	1391.0	1324.2	1257.1	1184.7	1111.9	1039.5	966.5	894.2	824.0
-52.5°	1334.9	1285.7	1231.6	1173.5	1113.1	1050.7	987.0	926.8	862.4	803.5	744.9
-55°	1165.4	1124.3	1077.7	1026.4	973.4	925.3	873.0	820.5	771.0	719.0	670.5
-57.5°	1006.2	971.4	934.3	894.5	852.5	811.1	769.2	725.9	684.9	642.0	598.0
-60°	862.7	834.4	805.9	774.8	740.9	705.5	673.1	638.8	602.4	567.2	528.4
-62.5°	733.2	714.2	689.4	664.3	638.6	612.2	583.8	555.5	526.8	495.7	460.3
-65°	611.0	596.0	577.8	560.5	541.6	521.0	497.8	474.8	450.7	424.3	392.9
-67.5°	499.8	489.5	476.9	463.5	450.0	434.1	416.0	396.1	376.5	354.5	329.7
-70°	405.9	399.2	390.3	379.2	368.3	356.9	343.4	327.1	308.1	288.3	270.2
-72.5°	329.8	325.6	319.7	311.5	301.8	291.5	278.9	264.1	247.8	229.9	213.6
-75°	267.2	265.3	261.5	253.2	243.3	231.6	219.5	206.1	190.5	172.5	157.1
-77.5°	211.9	212.1	210.4	201.4	191.5	180.6	168.3	153.0	137.7	122.3	110.6
-80°	155.6	156.6	155.6	146.5	137.4	128.1	118.2	105.6	92.8	80.6	71.5
-82.5°	96.5	96.1	94.7	89.2	83.8	78.2	72.4	63.8	55.3	47.0	39.8
-85°	46.0	44.2	42.3	40.2	38.1	35.9	33.5	29.4	25.5	22.0	18.9
-87.5°	7.5	7.4	7.3	7.1	6.9	6.7	6.6	6.3	6.1	5.9	5.7
-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: P626861 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-735-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.7	5.8	5.8	5.7	5.1	4.5	3.9	3.4	3.1	2.7	2.4
85°	19.0	18.5	17.5	15.9	12.5	9.0	7.8	6.8	6.1	5.5	4.8
82.5°	39.6	40.0	40.0	38.8	34.3	29.4	24.4	19.2	14.2	9.0	7.2
80°	71.6	70.8	69.1	65.9	58.4	49.9	43.5	36.9	30.4	23.7	16.6
77.5°	108.2	105.2	101.4	97.1	89.1	79.8	69.0	56.8	46.5	38.2	29.6
75°	149.2	144.3	139.0	131.8	121.6	109.9	98.1	83.9	68.1	53.2	42.4
72.5°	200.6	188.7	178.0	168.0	156.9	143.8	128.8	110.5	91.3	73.2	56.2
70°	252.6	234.7	218.8	205.1	191.8	178.1	161.6	139.0	114.1	92.7	72.8
67.5°	305.4	284.3	262.9	242.5	225.6	209.5	193.6	167.4	138.8	111.9	88.9
65°	363.8	335.5	308.4	283.1	260.3	240.1	221.4	193.9	162.8	132.5	104.6
62.5°	423.8	387.8	355.7	323.5	295.0	270.5	248.0	217.7	185.7	152.5	121.0
60°	487.0	446.0	403.3	365.7	330.7	299.7	272.5	241.1	207.2	171.7	137.4
57.5°	553.4	505.3	457.3	409.7	367.8	330.6	296.3	263.3	228.2	190.6	152.6
55°	620.8	568.9	512.2	458.6	407.1	362.9	321.5	284.6	248.6	209.2	165.7
52.5°	688.2	631.2	570.4	508.4	450.8	395.5	349.3	305.3	267.4	227.4	179.3
50°	758.8	693.5	628.2	561.3	494.3	433.6	376.0	329.1	285.6	244.7	192.3
47.5°	832.2	759.4	686.8	613.7	541.9	470.2	407.3	352.4	303.2	260.4	204.3
45°	912.7	827.6	747.2	668.2	586.9	509.7	439.0	374.8	323.1	272.5	215.4
42.5°	993.1	899.5	809.7	721.8	634.1	548.9	469.0	401.0	342.2	284.2	225.6
40°	1078.7	971.7	872.1	776.7	680.1	586.3	502.3	426.6	360.0	296.3	235.3
37.5°	1161.8	1045.6	936.3	829.2	725.2	626.6	534.3	450.6	377.0	309.9	244.5
35°	1249.9	1119.9	995.6	882.0	771.6	664.8	564.2	474.8	396.5	323.2	253.2
32.5°	1334.9	1192.6	1059.2	934.1	815.9	700.8	595.0	500.4	415.2	336.0	261.2
30°	1418.5	1265.6	1120.2	983.4	858.9	738.6	625.9	524.4	433.2	348.4	269.3
27.5°	1495.5	1333.2	1178.7	1034.3	901.1	774.4	655.0	546.6	450.2	361.2	278.7
25°	1567.3	1398.2	1236.3	1083.3	940.2	808.3	681.9	567.2	467.5	374.5	287.4
22.5°	1634.7	1458.5	1288.6	1128.4	976.5	839.5	708.1	589.0	483.9	386.8	295.4
20°	1695.9	1512.9	1335.3	1169.4	1011.8	869.2	733.2	608.7	498.6	397.9	302.6
17.5°	1751.1	1562.6	1380.0	1207.6	1044.7	895.6	755.6	626.0	511.4	407.8	308.9
15°	1802.3	1607.7	1419.5	1241.0	1073.2	918.6	775.1	640.9	522.5	416.5	315.0
12.5°	1846.3	1646.5	1453.0	1269.4	1097.1	938.1	791.6	653.3	531.6	424.3	320.6
10°	1882.5	1678.5	1480.4	1292.6	1116.5	953.9	805.0	663.9	540.2	431.0	325.0
7.5°	1910.7	1703.6	1501.4	1310.5	1131.9	967.1	816.4	673.0	547.1	436.1	328.1
5°	1932.1	1723.1	1519.8	1325.4	1146.1	977.8	824.6	679.5	552.1	439.7	329.8
2.5°	1951.1	1737.8	1534.2	1335.2	1155.7	984.8	829.6	683.4	555.2	441.6	330.2
0°	1961.8	1744.9	1542.1	1339.3	1160.6	987.9	831.3	684.7	556.2	441.7	329.3
-2.5°	1951.1	1737.8	1534.2	1335.2	1155.7	984.8	829.6	683.4	555.2	441.6	330.2
-5°	1932.1	1723.1	1519.8	1325.4	1146.1	977.8	824.6	679.5	552.1	439.7	329.8
-7.5°	1910.7	1703.6	1501.4	1310.5	1131.9	967.1	816.4	673.0	547.1	436.1	328.1
-10°	1882.5	1678.5	1480.4	1292.6	1116.5	953.9	805.0	663.9	540.2	431.0	325.0
-12.5°	1846.3	1646.5	1453.0	1269.4	1097.1	938.1	791.6	653.3	531.6	424.3	320.6
-15°	1802.3	1607.7	1419.5	1241.0	1073.2	918.6	775.1	640.9	522.5	416.5	315.0
-17.5°	1751.1	1562.6	1380.0	1207.6	1044.7	895.6	755.6	626.0	511.4	407.8	308.9
-20°	1695.9	1512.9	1335.3	1169.4	1011.8	869.2	733.2	608.7	498.6	397.9	302.6



REPORT NUMBER: P626861 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1634.7	1458.5	1288.6	1128.4	976.5	839.5	708.1	589.0	483.9	386.8	295.4
-25°	1567.3	1398.2	1236.3	1083.3	940.2	808.3	681.9	567.2	467.5	374.5	287.4
-27.5°	1495.5	1333.2	1178.7	1034.3	901.1	774.4	655.0	546.6	450.2	361.2	278.7
-30°	1418.5	1265.6	1120.2	983.4	858.9	738.6	625.9	524.4	433.2	348.4	269.3
-32.5°	1334.9	1192.6	1059.2	934.1	815.9	700.8	595.0	500.4	415.2	336.0	261.2
-35°	1249.9	1119.9	995.6	882.0	771.6	664.8	564.2	474.8	396.5	323.2	253.2
-37.5°	1161.8	1045.6	936.3	829.2	725.2	626.6	534.3	450.6	377.0	309.9	244.5
-40°	1078.7	971.7	872.1	776.7	680.1	586.3	502.3	426.6	360.0	296.3	235.3
-42.5°	993.1	899.5	809.7	721.8	634.1	548.9	469.0	401.0	342.2	284.2	225.6
-45°	912.7	827.6	747.2	668.2	586.9	509.7	439.0	374.8	323.1	272.5	215.4
-47.5°	832.2	759.4	686.8	613.7	541.9	470.2	407.3	352.4	303.2	260.4	204.3
-50°	758.8	693.5	628.2	561.3	494.3	433.6	376.0	329.1	285.6	244.7	192.3
-52.5°	688.2	631.2	570.4	508.4	450.8	395.5	349.3	305.3	267.4	227.4	179.3
-55°	620.8	568.9	512.2	458.6	407.1	362.9	321.5	284.6	248.6	209.2	165.7
-57.5°	553.4	505.3	457.3	409.7	367.8	330.6	296.3	263.3	228.2	190.6	152.6
-60°	487.0	446.0	403.3	365.7	330.7	299.7	272.5	241.1	207.2	171.7	137.4
-62.5°	423.8	387.8	355.7	323.5	295.0	270.5	248.0	217.7	185.7	152.5	121.0
-65°	363.8	335.5	308.4	283.1	260.3	240.1	221.4	193.9	162.8	132.5	104.6
-67.5°	305.4	284.3	262.9	242.5	225.6	209.5	193.6	167.4	138.8	111.9	88.9
-70°	252.6	234.7	218.8	205.1	191.8	178.1	161.6	139.0	114.1	92.7	72.8
-72.5°	200.6	188.7	178.0	168.0	156.9	143.8	128.8	110.5	91.3	73.2	56.2
-75°	149.2	144.3	139.0	131.8	121.6	109.9	98.1	83.9	68.1	53.2	42.4
-77.5°	108.2	105.2	101.4	97.1	89.1	79.8	69.0	56.8	46.5	38.2	29.6
-80°	71.6	70.8	69.1	65.9	58.4	49.9	43.5	36.9	30.4	23.7	16.6
-82.5°	39.6	40.0	40.0	38.8	34.3	29.4	24.4	19.2	14.2	9.0	7.2
-85°	19.0	18.5	17.5	15.9	12.5	9.0	7.8	6.8	6.1	5.5	4.8
-87.5°	5.7	5.8	5.8	5.7	5.1	4.5	3.9	3.4	3.1	2.7	2.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Peachtree City, GA 30269

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.1	1.7	1.4	1.0	0.7	0.3	0.0
85°	4.1	3.5	2.8	2.1	1.4	0.6	0.0
82.5°	6.2	5.2	4.2	3.1	2.1	0.9	0.0
80°	9.3	6.9	5.5	4.2	2.8	1.2	0.0
77.5°	20.4	10.8	6.9	5.2	3.4	1.5	0.0
75°	31.1	18.7	9.0	6.2	4.1	1.8	0.0
72.5°	41.6	26.4	14.3	7.2	4.8	2.1	0.0
70°	52.0	33.9	19.5	8.6	5.4	2.4	0.0
67.5°	64.5	41.0	24.5	11.8	6.0	2.6	0.0
65°	76.5	48.9	29.3	14.9	6.6	2.9	0.0
62.5°	87.8	57.7	33.8	17.8	7.2	3.2	0.0
60°	98.5	65.9	38.0	20.6	7.7	3.4	0.0
57.5°	109.8	73.7	43.7	23.2	9.3	3.7	0.0
55°	120.5	80.9	49.0	25.7	10.8	3.9	0.0
52.5°	130.4	87.7	54.0	27.9	12.3	4.1	0.0
50°	139.4	95.0	58.7	30.0	13.7	4.3	0.0
47.5°	147.9	101.6	62.9	32.1	15.0	4.6	0.0
45°	157.4	107.6	66.6	34.9	16.3	4.7	0.0
42.5°	166.0	112.9	70.0	37.5	17.5	4.9	0.0
40°	173.9	117.6	73.4	40.1	18.7	5.1	0.0
37.5°	180.9	121.5	76.7	42.6	19.7	5.2	0.0
35°	187.1	126.1	79.6	45.0	20.7	5.4	0.0
32.5°	192.9	130.7	81.9	47.2	21.6	5.5	0.0
30°	198.8	134.6	83.9	49.2	22.4	5.6	0.0
27.5°	204.2	137.9	86.7	51.0	23.2	5.7	0.0
25°	208.9	140.5	89.4	52.6	23.9	5.8	0.0
22.5°	213.0	143.1	91.8	54.1	24.5	5.9	0.0
20°	216.3	146.6	93.8	55.3	25.0	6.0	0.0
17.5°	220.5	149.5	95.5	56.4	25.4	6.0	0.0
15°	224.8	151.8	96.9	57.2	25.7	6.0	0.0
12.5°	228.3	153.4	98.0	57.8	26.0	6.1	0.0
10°	231.0	154.4	98.7	58.3	26.2	6.1	0.0
7.5°	232.8	154.8	99.1	58.6	26.3	6.1	0.0
5°	233.8	154.6	99.2	58.6	26.3	6.1	0.0
2.5°	233.8	153.9	98.9	58.5	26.2	6.0	0.0
0°	232.9	152.6	98.4	58.2	26.1	6.0	0.0
-2.5°	233.8	153.9	98.9	58.5	26.2	6.0	0.0
-5°	233.8	154.6	99.2	58.6	26.3	6.1	0.0
-7.5°	232.8	154.8	99.1	58.6	26.3	6.1	0.0
-10°	231.0	154.4	98.7	58.3	26.2	6.1	0.0
-12.5°	228.3	153.4	98.0	57.8	26.0	6.1	0.0
-15°	224.8	151.8	96.9	57.2	25.7	6.0	0.0
-17.5°	220.5	149.5	95.5	56.4	25.4	6.0	0.0
-20°	216.3	146.6	93.8	55.3	25.0	6.0	0.0

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CATALOG NUMBER: GFLD-SA2B-735-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	213.0	143.1	91.8	54.1	24.5	5.9	0.0
-25°	208.9	140.5	89.4	52.6	23.9	5.8	0.0
-27.5°	204.2	137.9	86.7	51.0	23.2	5.7	0.0
-30°	198.8	134.6	83.9	49.2	22.4	5.6	0.0
-32.5°	192.9	130.7	81.9	47.2	21.6	5.5	0.0
-35°	187.1	126.1	79.6	45.0	20.7	5.4	0.0
-37.5°	180.9	121.5	76.7	42.6	19.7	5.2	0.0
-40°	173.9	117.6	73.4	40.1	18.7	5.1	0.0
-42.5°	166.0	112.9	70.0	37.5	17.5	4.9	0.0
-45°	157.4	107.6	66.6	34.9	16.3	4.7	0.0
-47.5°	147.9	101.6	62.9	32.1	15.0	4.6	0.0
-50°	139.4	95.0	58.7	30.0	13.7	4.3	0.0
-52.5°	130.4	87.7	54.0	27.9	12.3	4.1	0.0
-55°	120.5	80.9	49.0	25.7	10.8	3.9	0.0
-57.5°	109.8	73.7	43.7	23.2	9.3	3.7	0.0
-60°	98.5	65.9	38.0	20.6	7.7	3.4	0.0
-62.5°	87.8	57.7	33.8	17.8	7.2	3.2	0.0
-65°	76.5	48.9	29.3	14.9	6.6	2.9	0.0
-67.5°	64.5	41.0	24.5	11.8	6.0	2.6	0.0
-70°	52.0	33.9	19.5	8.6	5.4	2.4	0.0
-72.5°	41.6	26.4	14.3	7.2	4.8	2.1	0.0
-75°	31.1	18.7	9.0	6.2	4.1	1.8	0.0
-77.5°	20.4	10.8	6.9	5.2	3.4	1.5	0.0
-80°	9.3	6.9	5.5	4.2	2.8	1.2	0.0
-82.5°	6.2	5.2	4.2	3.1	2.1	0.9	0.0
-85°	4.1	3.5	2.8	2.1	1.4	0.6	0.0
-87.5°	2.1	1.7	1.4	1.0	0.7	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)