

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: P626621 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-735-U-VWR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626621 (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-SA1B-735-U-VWR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N23  
Light Source: (16) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

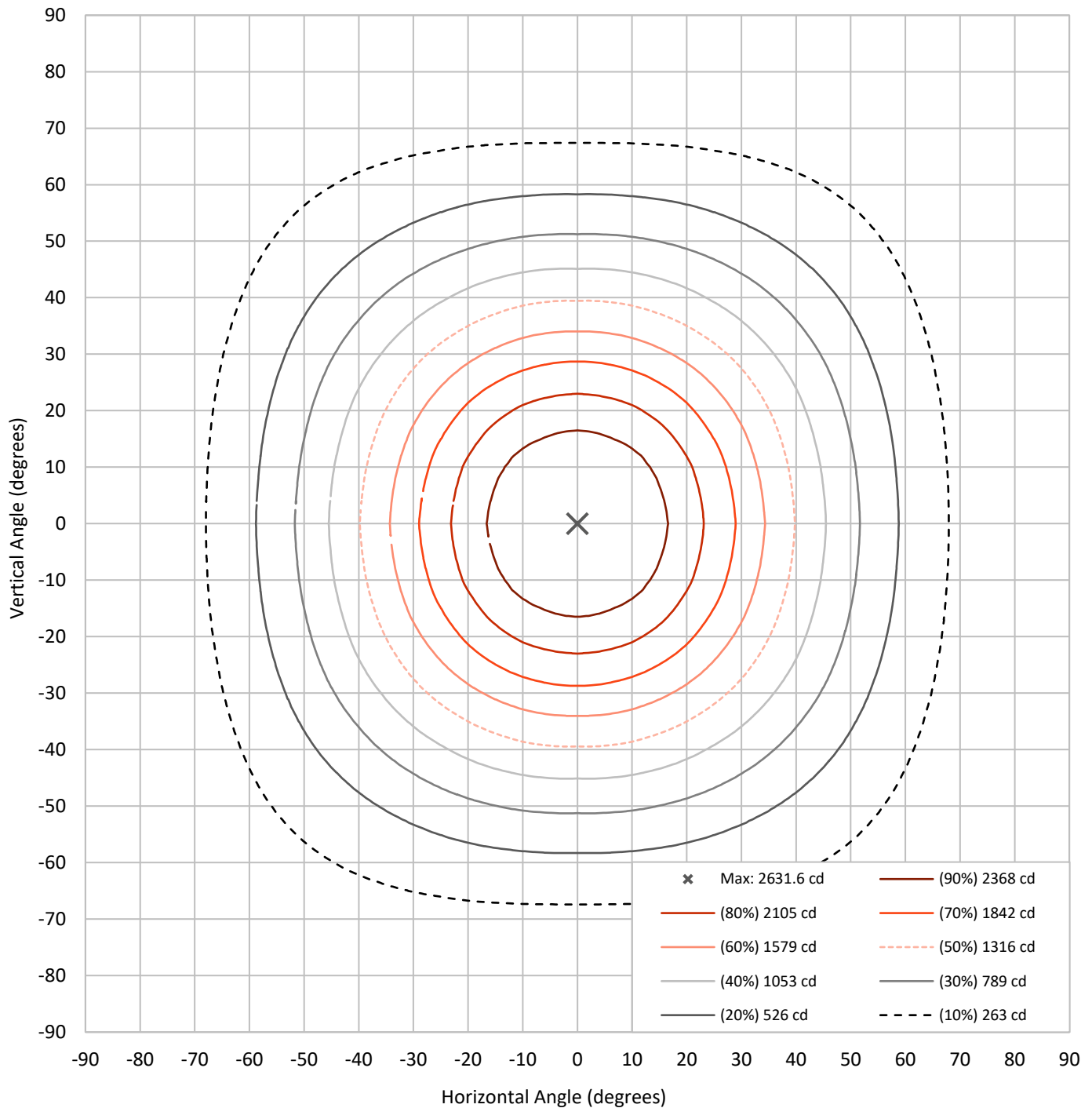
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	4756.4 lumens	Max Intensity:	2631.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	142.0 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' 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:	2789.7 lumens	Field Lumens:	4534.4 lumens
Beam Efficiency:	58.7%	Field Efficiency:	95.3%
Input Watts (W):	33.5		
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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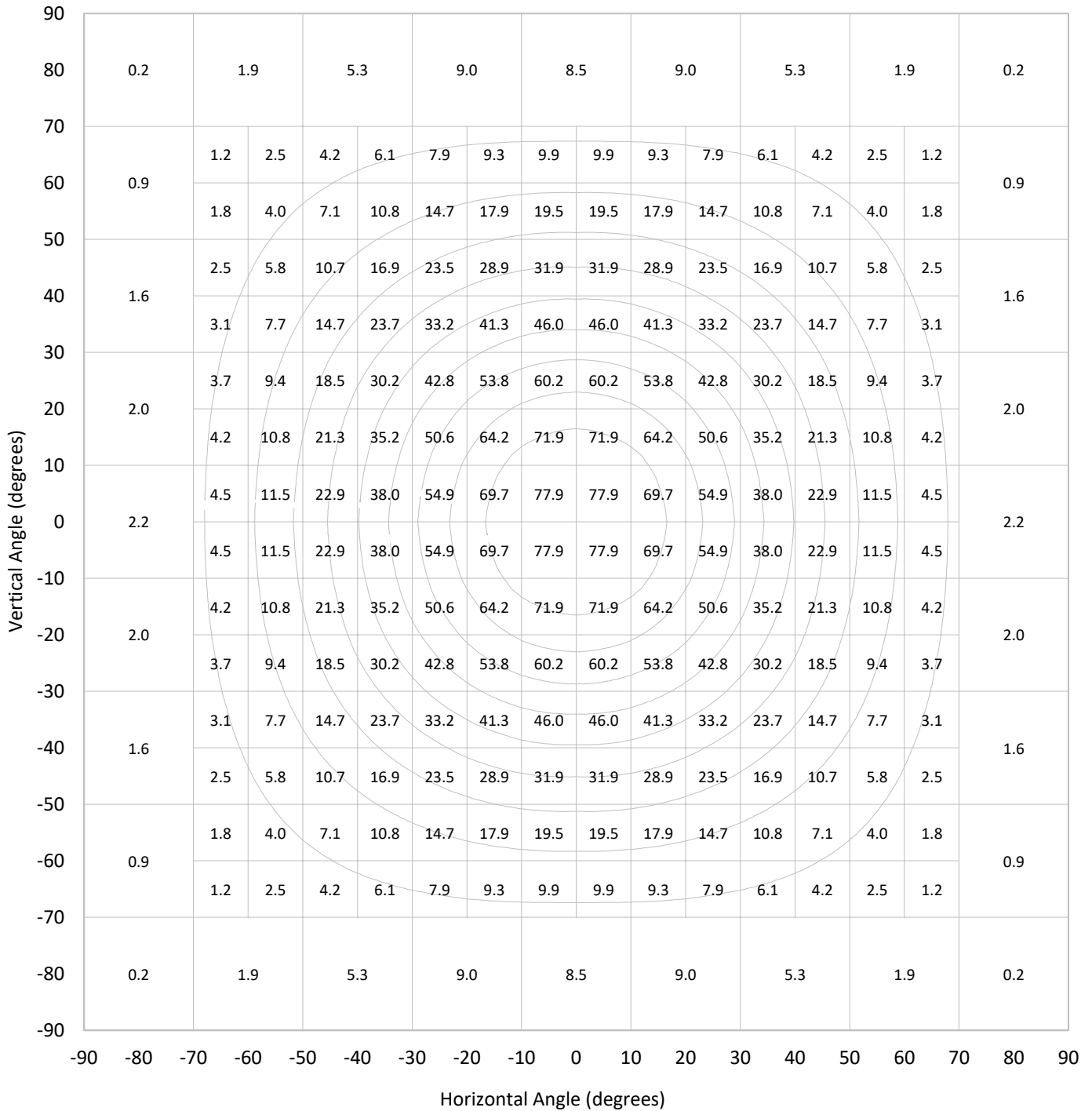
### Iso-Candela Plot





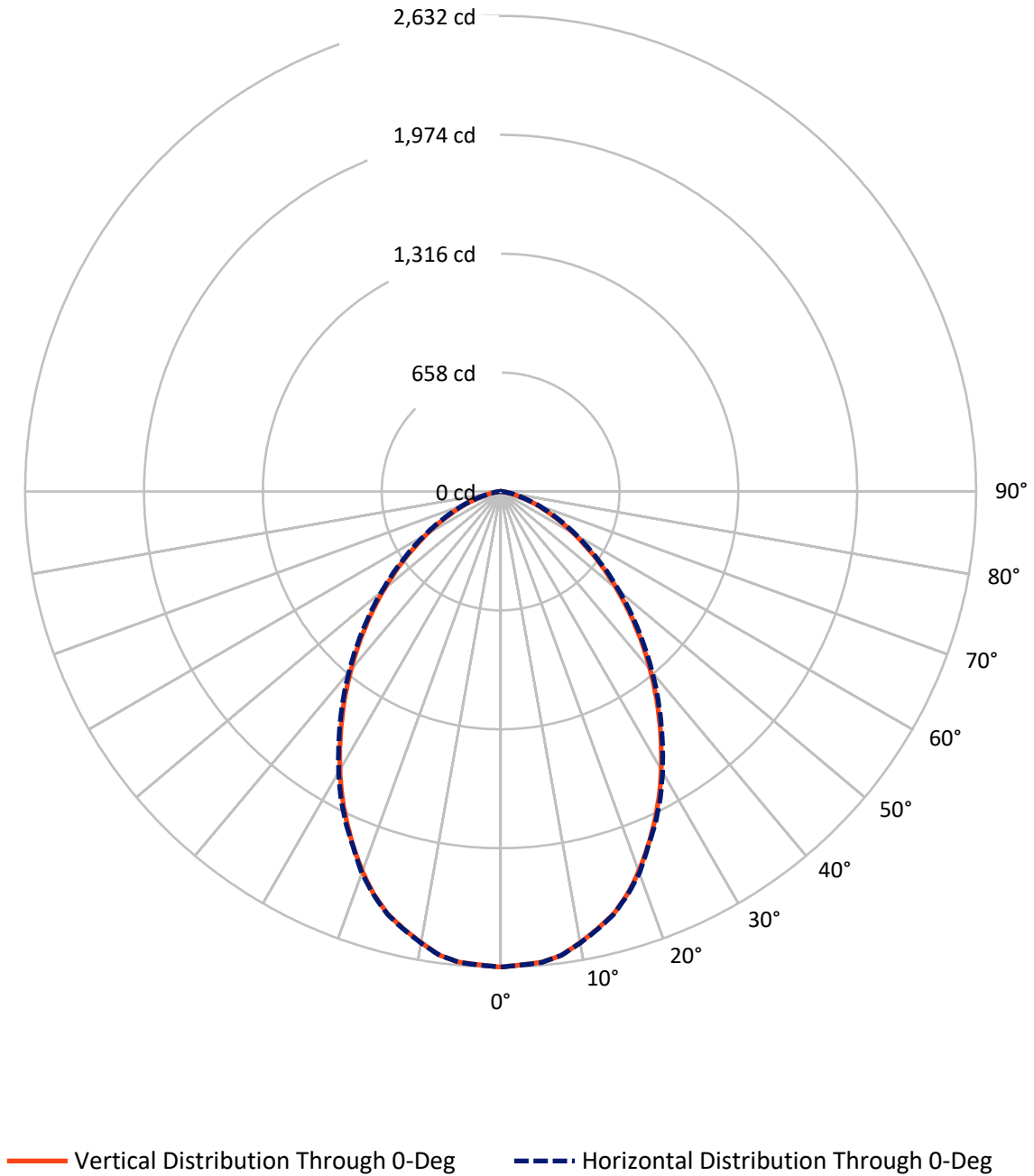
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### Lumen Table



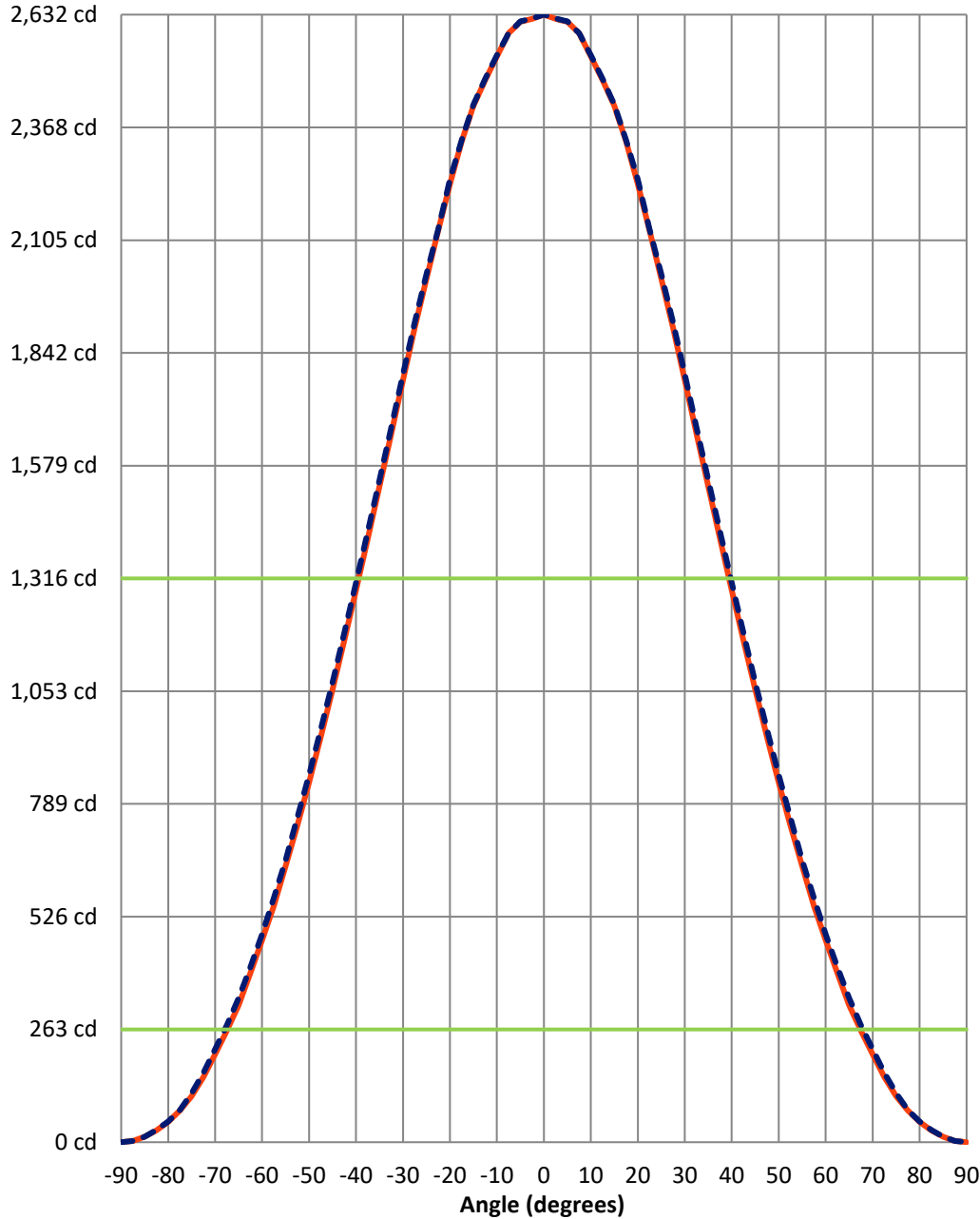
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
H Angle: 79.6°  
V Angle: 78.9°  
Lumens: 2789.7  
Efficiency: 58.7%

**Field:**  
H Angle: 135.9°  
V Angle: 134.8°  
Lumens: 4534.4  
Efficiency: 95.3%

**Spill:**  
Lumens: 222  
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	0.2	0.3	0.5	0.7	0.8	1.0	1.2	1.3	1.5	1.6
85°	0.0	0.3	0.7	1.0	1.4	1.7	2.0	2.3	2.7	3.0	3.3
82.5°	0.0	0.4	1.0	1.5	2.0	2.5	3.0	3.5	4.4	7.0	9.4
80°	0.0	0.6	1.3	2.0	2.7	3.4	4.6	8.1	11.6	14.9	18.1
77.5°	0.0	0.7	1.7	2.5	3.4	5.3	10.0	14.5	18.8	22.9	27.9
75°	0.0	0.9	2.0	3.0	4.4	9.2	15.3	20.8	26.1	33.5	41.2
72.5°	0.0	1.0	2.3	3.5	7.0	13.0	20.4	27.6	36.0	44.9	54.3
70°	0.0	1.2	2.6	4.2	9.6	16.6	25.5	35.7	45.6	56.0	68.3
67.5°	0.0	1.3	2.9	5.8	12.0	20.1	31.7	43.7	55.0	68.2	82.2
65°	0.0	1.4	3.2	7.3	14.4	24.0	37.6	51.4	65.1	79.9	95.2
62.5°	0.0	1.6	3.5	8.8	16.6	28.3	43.2	59.5	74.9	91.2	106.9
60°	0.0	1.7	3.8	10.1	18.7	32.4	48.4	67.5	84.3	101.8	118.4
57.5°	0.0	1.8	4.5	11.4	21.4	36.2	54.0	74.9	93.6	112.1	129.3
55°	0.0	1.9	5.3	12.6	24.1	39.8	59.2	81.4	102.8	122.2	139.8
52.5°	0.0	2.0	6.0	13.7	26.6	43.1	64.0	88.1	111.7	131.4	150.0
50°	0.0	2.1	6.7	14.7	28.8	46.7	68.5	94.4	120.2	140.3	161.7
47.5°	0.0	2.3	7.4	15.8	30.9	49.9	72.7	100.4	127.9	149.0	173.2
45°	0.0	2.3	8.0	17.2	32.8	52.9	77.3	105.9	133.9	158.8	184.1
42.5°	0.0	2.4	8.6	18.4	34.4	55.5	81.6	110.9	139.6	168.1	197.0
40°	0.0	2.5	9.2	19.7	36.1	57.8	85.4	115.6	145.6	176.9	209.6
37.5°	0.0	2.6	9.7	20.9	37.7	59.7	88.9	120.1	152.3	185.2	221.3
35°	0.0	2.7	10.2	22.1	39.1	62.0	91.9	124.4	158.8	194.8	233.2
32.5°	0.0	2.7	10.6	23.2	40.3	64.2	94.8	128.3	165.1	204.0	245.8
30°	0.0	2.8	11.0	24.2	41.2	66.2	97.7	132.3	171.2	212.8	257.6
27.5°	0.0	2.8	11.4	25.1	42.6	67.8	100.3	136.9	177.5	221.1	268.5
25°	0.0	2.9	11.7	25.9	43.9	69.0	102.6	141.2	184.0	229.6	278.6
22.5°	0.0	2.9	12.0	26.6	45.1	70.3	104.6	145.1	190.0	237.7	289.3
20°	0.0	3.0	12.3	27.2	46.1	72.0	106.2	148.6	195.5	244.9	299.0
17.5°	0.0	3.0	12.5	27.7	46.9	73.5	108.3	151.7	200.3	251.2	307.5
15°	0.0	3.0	12.6	28.1	47.6	74.6	110.4	154.7	204.6	256.6	314.8
12.5°	0.0	3.0	12.8	28.4	48.1	75.4	112.1	157.5	208.4	261.1	320.9
10°	0.0	3.0	12.8	28.6	48.5	75.9	113.4	159.7	211.7	265.3	326.1
7.5°	0.0	3.0	12.9	28.8	48.7	76.1	114.3	161.2	214.3	268.7	330.5
5°	0.0	3.0	12.9	28.8	48.7	76.0	114.8	162.0	216.0	271.2	333.7
2.5°	0.0	3.0	12.9	28.8	48.6	75.6	114.8	162.2	216.9	272.7	335.7
0°	0.0	3.0	12.8	28.6	48.3	75.0	114.4	161.8	217.0	273.2	336.3
-2.5°	0.0	3.0	12.9	28.8	48.6	75.6	114.8	162.2	216.9	272.7	335.7
-5°	0.0	3.0	12.9	28.8	48.7	76.0	114.8	162.0	216.0	271.2	333.7
-7.5°	0.0	3.0	12.9	28.8	48.7	76.1	114.3	161.2	214.3	268.7	330.5
-10°	0.0	3.0	12.8	28.6	48.5	75.9	113.4	159.7	211.7	265.3	326.1
-12.5°	0.0	3.0	12.8	28.4	48.1	75.4	112.1	157.5	208.4	261.1	320.9
-15°	0.0	3.0	12.6	28.1	47.6	74.6	110.4	154.7	204.6	256.6	314.8
-17.5°	0.0	3.0	12.5	27.7	46.9	73.5	108.3	151.7	200.3	251.2	307.5
-20°	0.0	3.0	12.3	27.2	46.1	72.0	106.2	148.6	195.5	244.9	299.0

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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	2.9	12.0	26.6	45.1	70.3	104.6	145.1	190.0	237.7	289.3
-25°	0.0	2.9	11.7	25.9	43.9	69.0	102.6	141.2	184.0	229.6	278.6
-27.5°	0.0	2.8	11.4	25.1	42.6	67.8	100.3	136.9	177.5	221.1	268.5
-30°	0.0	2.8	11.0	24.2	41.2	66.2	97.7	132.3	171.2	212.8	257.6
-32.5°	0.0	2.7	10.6	23.2	40.3	64.2	94.8	128.3	165.1	204.0	245.8
-35°	0.0	2.7	10.2	22.1	39.1	62.0	91.9	124.4	158.8	194.8	233.2
-37.5°	0.0	2.6	9.7	20.9	37.7	59.7	88.9	120.1	152.3	185.2	221.3
-40°	0.0	2.5	9.2	19.7	36.1	57.8	85.4	115.6	145.6	176.9	209.6
-42.5°	0.0	2.4	8.6	18.4	34.4	55.5	81.6	110.9	139.6	168.1	197.0
-45°	0.0	2.3	8.0	17.2	32.8	52.9	77.3	105.9	133.9	158.8	184.1
-47.5°	0.0	2.3	7.4	15.8	30.9	49.9	72.7	100.4	127.9	149.0	173.2
-50°	0.0	2.1	6.7	14.7	28.8	46.7	68.5	94.4	120.2	140.3	161.7
-52.5°	0.0	2.0	6.0	13.7	26.6	43.1	64.0	88.1	111.7	131.4	150.0
-55°	0.0	1.9	5.3	12.6	24.1	39.8	59.2	81.4	102.8	122.2	139.8
-57.5°	0.0	1.8	4.5	11.4	21.4	36.2	54.0	74.9	93.6	112.1	129.3
-60°	0.0	1.7	3.8	10.1	18.7	32.4	48.4	67.5	84.3	101.8	118.4
-62.5°	0.0	1.6	3.5	8.8	16.6	28.3	43.2	59.5	74.9	91.2	106.9
-65°	0.0	1.4	3.2	7.3	14.4	24.0	37.6	51.4	65.1	79.9	95.2
-67.5°	0.0	1.3	2.9	5.8	12.0	20.1	31.7	43.7	55.0	68.2	82.2
-70°	0.0	1.2	2.6	4.2	9.6	16.6	25.5	35.7	45.6	56.0	68.3
-72.5°	0.0	1.0	2.3	3.5	7.0	13.0	20.4	27.6	36.0	44.9	54.3
-75°	0.0	0.9	2.0	3.0	4.4	9.2	15.3	20.8	26.1	33.5	41.2
-77.5°	0.0	0.7	1.7	2.5	3.4	5.3	10.0	14.5	18.8	22.9	27.9
-80°	0.0	0.6	1.3	2.0	2.7	3.4	4.6	8.1	11.6	14.9	18.1
-82.5°	0.0	0.4	1.0	1.5	2.0	2.5	3.0	3.5	4.4	7.0	9.4
-85°	0.0	0.3	0.7	1.0	1.4	1.7	2.0	2.3	2.7	3.0	3.3
-87.5°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.2	1.3	1.5	1.6
-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: P626621 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-735-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.9	2.2	2.5	2.8	2.8	2.8	2.8	2.8	2.9	3.0	3.1
85°	3.8	4.4	6.1	7.8	8.6	9.1	9.3	9.3	10.8	12.5	14.4
82.5°	12.0	14.5	16.8	19.1	19.7	19.7	19.5	19.6	23.1	27.2	31.3
80°	21.4	24.5	28.7	32.4	34.0	34.8	35.2	35.1	39.6	45.6	51.9
77.5°	33.9	39.2	43.8	47.7	49.8	51.7	53.2	54.4	60.1	67.7	75.2
75°	48.2	54.0	59.7	64.8	68.3	70.9	73.3	77.2	84.8	93.6	101.3
72.5°	63.2	70.6	77.1	82.5	87.5	92.7	98.5	104.9	112.9	121.7	129.8
70°	79.3	87.5	94.2	100.8	107.5	115.3	124.1	132.7	141.7	151.4	160.7
67.5°	95.1	102.9	110.8	119.1	129.2	139.7	150.1	162.0	174.2	184.9	194.6
65°	108.8	118.0	127.9	139.1	151.5	164.8	178.7	193.0	208.4	221.4	233.2
62.5°	121.8	132.9	144.9	158.9	174.7	190.5	208.2	226.1	243.5	258.8	272.9
60°	133.9	147.3	162.5	179.6	198.1	219.0	239.2	259.5	278.6	295.9	313.8
57.5°	145.6	162.4	180.7	201.3	224.6	248.2	271.9	293.8	315.3	336.4	356.6
55°	158.0	178.3	200.0	225.3	251.6	279.5	305.0	329.4	353.2	378.8	403.1
52.5°	171.6	194.3	221.5	249.7	280.2	310.1	338.1	365.9	394.7	423.6	455.3
50°	184.8	213.0	242.8	275.7	308.6	340.6	372.7	404.8	439.3	474.7	510.6
47.5°	200.1	231.0	266.2	301.4	337.4	373.0	408.8	447.5	486.7	527.9	567.5
45°	215.7	250.3	288.3	328.2	367.0	406.5	448.3	491.1	537.1	582.4	630.1
42.5°	230.4	269.6	311.4	354.5	397.7	441.8	487.8	537.9	588.1	640.3	692.7
40°	246.7	287.9	334.1	381.5	428.4	477.3	529.9	584.1	640.8	698.2	755.2
37.5°	262.4	307.8	356.2	407.3	459.9	513.6	570.8	632.2	693.8	755.6	818.4
35°	277.1	326.6	379.0	433.3	489.0	550.2	614.0	679.6	746.3	813.2	880.7
32.5°	292.3	344.3	400.8	458.9	520.3	585.9	655.8	726.9	798.0	869.3	943.3
30°	307.4	362.8	421.9	483.1	550.3	621.7	696.8	772.2	847.4	925.9	1004.7
27.5°	321.8	380.4	442.7	508.1	579.0	654.9	734.7	815.4	896.4	979.9	1064.0
25°	335.0	397.1	461.9	532.2	607.3	686.8	770.0	854.2	943.0	1032.4	1120.2
22.5°	347.8	412.4	479.7	554.3	633.0	716.5	803.0	892.0	984.8	1080.8	1171.7
20°	360.2	427.0	497.1	574.4	656.0	743.2	833.1	926.2	1023.7	1122.2	1219.9
17.5°	371.2	440.0	513.2	593.2	677.9	767.6	860.2	956.3	1058.2	1160.3	1263.8
15°	380.8	451.3	527.2	609.6	697.3	789.8	885.3	984.2	1088.7	1195.0	1302.6
12.5°	388.9	460.8	539.0	623.5	713.8	808.8	906.9	1009.3	1116.6	1225.9	1336.6
10°	395.4	468.6	548.5	634.9	727.2	824.5	924.7	1030.0	1140.5	1252.1	1365.2
7.5°	401.0	475.1	556.0	643.7	737.5	836.8	938.6	1046.1	1159.5	1272.6	1388.2
5°	405.1	480.3	563.0	651.1	746.5	846.4	949.1	1057.6	1173.4	1287.2	1404.9
2.5°	407.6	483.8	567.7	655.8	753.6	853.6	958.4	1067.8	1183.6	1298.8	1417.4
0°	408.4	485.3	570.1	657.9	757.5	857.1	963.7	1073.2	1188.6	1305.9	1425.3
-2.5°	407.6	483.8	567.7	655.8	753.6	853.6	958.4	1067.8	1183.6	1298.8	1417.4
-5°	405.1	480.3	563.0	651.1	746.5	846.4	949.1	1057.6	1173.4	1287.2	1404.9
-7.5°	401.0	475.1	556.0	643.7	737.5	836.8	938.6	1046.1	1159.5	1272.6	1388.2
-10°	395.4	468.6	548.5	634.9	727.2	824.5	924.7	1030.0	1140.5	1252.1	1365.2
-12.5°	388.9	460.8	539.0	623.5	713.8	808.8	906.9	1009.3	1116.6	1225.9	1336.6
-15°	380.8	451.3	527.2	609.6	697.3	789.8	885.3	984.2	1088.7	1195.0	1302.6
-17.5°	371.2	440.0	513.2	593.2	677.9	767.6	860.2	956.3	1058.2	1160.3	1263.8
-20°	360.2	427.0	497.1	574.4	656.0	743.2	833.1	926.2	1023.7	1122.2	1219.9

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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	347.8	412.4	479.7	554.3	633.0	716.5	803.0	892.0	984.8	1080.8	1171.7
-25°	335.0	397.1	461.9	532.2	607.3	686.8	770.0	854.2	943.0	1032.4	1120.2
-27.5°	321.8	380.4	442.7	508.1	579.0	654.9	734.7	815.4	896.4	979.9	1064.0
-30°	307.4	362.8	421.9	483.1	550.3	621.7	696.8	772.2	847.4	925.9	1004.7
-32.5°	292.3	344.3	400.8	458.9	520.3	585.9	655.8	726.9	798.0	869.3	943.3
-35°	277.1	326.6	379.0	433.3	489.0	550.2	614.0	679.6	746.3	813.2	880.7
-37.5°	262.4	307.8	356.2	407.3	459.9	513.6	570.8	632.2	693.8	755.6	818.4
-40°	246.7	287.9	334.1	381.5	428.4	477.3	529.9	584.1	640.8	698.2	755.2
-42.5°	230.4	269.6	311.4	354.5	397.7	441.8	487.8	537.9	588.1	640.3	692.7
-45°	215.7	250.3	288.3	328.2	367.0	406.5	448.3	491.1	537.1	582.4	630.1
-47.5°	200.1	231.0	266.2	301.4	337.4	373.0	408.8	447.5	486.7	527.9	567.5
-50°	184.8	213.0	242.8	275.7	308.6	340.6	372.7	404.8	439.3	474.7	510.6
-52.5°	171.6	194.3	221.5	249.7	280.2	310.1	338.1	365.9	394.7	423.6	455.3
-55°	158.0	178.3	200.0	225.3	251.6	279.5	305.0	329.4	353.2	378.8	403.1
-57.5°	145.6	162.4	180.7	201.3	224.6	248.2	271.9	293.8	315.3	336.4	356.6
-60°	133.9	147.3	162.5	179.6	198.1	219.0	239.2	259.5	278.6	295.9	313.8
-62.5°	121.8	132.9	144.9	158.9	174.7	190.5	208.2	226.1	243.5	258.8	272.9
-65°	108.8	118.0	127.9	139.1	151.5	164.8	178.7	193.0	208.4	221.4	233.2
-67.5°	95.1	102.9	110.8	119.1	129.2	139.7	150.1	162.0	174.2	184.9	194.6
-70°	79.3	87.5	94.2	100.8	107.5	115.3	124.1	132.7	141.7	151.4	160.7
-72.5°	63.2	70.6	77.1	82.5	87.5	92.7	98.5	104.9	112.9	121.7	129.8
-75°	48.2	54.0	59.7	64.8	68.3	70.9	73.3	77.2	84.8	93.6	101.3
-77.5°	33.9	39.2	43.8	47.7	49.8	51.7	53.2	54.4	60.1	67.7	75.2
-80°	21.4	24.5	28.7	32.4	34.0	34.8	35.2	35.1	39.6	45.6	51.9
-82.5°	12.0	14.5	16.8	19.1	19.7	19.7	19.5	19.6	23.1	27.2	31.3
-85°	3.8	4.4	6.1	7.8	8.6	9.1	9.3	9.3	10.8	12.5	14.4
-87.5°	1.9	2.2	2.5	2.8	2.8	2.8	2.8	2.8	2.9	3.0	3.1
-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: P626621 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	3.2	3.3	3.4	3.5	3.5	3.6	3.7	3.7	3.8	3.6	3.4
85°	16.5	17.7	18.7	19.8	20.8	21.7	22.6	23.4	24.1	22.0	19.7
82.5°	35.6	38.4	41.2	43.8	46.5	47.2	47.4	47.3	46.9	43.3	39.2
80°	58.1	62.9	67.5	72.0	76.5	77.0	76.5	75.5	74.2	69.4	63.9
77.5°	82.7	88.8	94.1	99.0	103.4	104.2	104.1	103.9	103.5	98.6	92.6
75°	107.9	113.8	119.5	124.4	128.5	130.3	131.3	131.9	132.3	128.7	124.1
72.5°	137.0	143.2	148.3	153.0	157.0	159.9	162.0	163.6	164.6	163.6	161.7
70°	168.7	175.3	180.9	186.3	191.7	196.1	199.4	201.7	203.2	204.2	204.9
67.5°	204.3	213.2	221.0	227.7	234.3	240.5	245.5	249.6	252.9	255.6	257.7
65°	244.5	255.9	266.0	275.3	283.8	292.8	300.1	306.3	311.2	315.3	318.6
62.5°	286.8	300.8	313.7	326.3	338.6	350.8	360.1	368.6	376.2	382.7	387.8
60°	330.7	346.5	364.0	380.6	395.9	409.8	423.7	435.8	446.1	454.6	461.5
57.5°	377.9	398.4	418.8	439.4	458.9	477.2	494.3	509.4	522.1	532.5	541.3
55°	428.8	454.6	478.2	504.2	529.4	552.3	572.4	590.2	605.5	618.4	629.3
52.5°	484.8	516.1	546.8	576.4	605.0	631.6	655.8	676.4	694.8	710.5	723.1
50°	546.2	581.9	617.5	650.5	683.3	714.0	741.7	765.6	787.0	805.4	820.0
47.5°	610.3	651.0	690.7	728.5	764.8	798.9	828.8	856.1	882.8	904.5	921.7
45°	676.9	722.6	766.4	809.6	849.6	887.7	924.7	958.7	986.1	1010.0	1030.1
42.5°	744.3	795.3	844.3	891.4	935.4	979.5	1021.1	1058.3	1089.5	1116.7	1139.6
40°	812.6	868.4	922.4	973.7	1024.0	1072.2	1117.2	1156.4	1191.6	1223.9	1250.8
37.5°	880.5	941.9	1001.8	1059.3	1114.6	1166.8	1215.4	1259.7	1299.4	1336.2	1366.1
35°	948.8	1016.1	1081.7	1144.9	1205.4	1262.9	1316.2	1366.6	1413.3	1450.7	1481.3
32.5°	1016.8	1089.1	1160.5	1230.1	1296.4	1358.4	1416.1	1471.8	1519.9	1560.8	1596.0
30°	1082.5	1161.0	1238.6	1314.2	1385.7	1452.9	1516.8	1575.7	1627.4	1672.2	1711.7
27.5°	1147.1	1231.3	1314.7	1395.4	1472.7	1545.7	1615.4	1679.3	1735.7	1784.5	1826.1
25°	1208.1	1298.6	1387.5	1473.0	1555.6	1636.1	1711.4	1781.1	1841.4	1894.9	1937.7
22.5°	1266.4	1362.9	1456.3	1546.2	1634.6	1721.4	1803.8	1876.6	1940.5	1996.5	2043.8
20°	1320.7	1424.1	1519.6	1614.8	1707.9	1800.6	1889.0	1965.9	2033.5	2093.0	2145.2
17.5°	1371.5	1477.5	1578.1	1679.4	1777.5	1874.8	1964.7	2047.0	2119.9	2183.2	2237.8
15°	1414.4	1521.6	1631.4	1739.6	1843.0	1941.5	2031.3	2117.3	2198.3	2266.7	2322.0
12.5°	1449.2	1560.7	1675.2	1790.1	1899.5	1997.8	2091.8	2179.1	2264.2	2341.0	2391.9
10°	1478.9	1593.7	1711.9	1829.0	1939.9	2043.9	2146.2	2238.4	2322.0	2390.8	2447.7
7.5°	1504.5	1622.7	1742.8	1860.2	1970.6	2078.2	2183.4	2281.3	2365.7	2430.5	2481.2
5°	1523.4	1644.4	1766.9	1885.3	1997.3	2105.2	2210.9	2307.6	2390.0	2455.9	2511.2
2.5°	1536.9	1659.1	1782.4	1901.0	2015.5	2123.7	2231.9	2329.8	2409.6	2470.0	2522.9
0°	1545.6	1667.9	1792.2	1913.5	2026.0	2130.5	2246.9	2338.7	2421.5	2481.7	2536.9
-2.5°	1536.9	1659.1	1782.4	1901.0	2015.5	2123.7	2231.9	2329.8	2409.6	2470.0	2522.9
-5°	1523.4	1644.4	1766.9	1885.3	1997.3	2105.2	2210.9	2307.6	2390.0	2455.9	2511.2
-7.5°	1504.5	1622.7	1742.8	1860.2	1970.6	2078.2	2183.4	2281.3	2365.7	2430.5	2481.2
-10°	1478.9	1593.7	1711.9	1829.0	1939.9	2043.9	2146.2	2238.4	2322.0	2390.8	2447.7
-12.5°	1449.2	1560.7	1675.2	1790.1	1899.5	1997.8	2091.8	2179.1	2264.2	2341.0	2391.9
-15°	1414.4	1521.6	1631.4	1739.6	1843.0	1941.5	2031.3	2117.3	2198.3	2266.7	2322.0
-17.5°	1371.5	1477.5	1578.1	1679.4	1777.5	1874.8	1964.7	2047.0	2119.9	2183.2	2237.8
-20°	1320.7	1424.1	1519.6	1614.8	1707.9	1800.6	1889.0	1965.9	2033.5	2093.0	2145.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626621 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	1266.4	1362.9	1456.3	1546.2	1634.6	1721.4	1803.8	1876.6	1940.5	1996.5	2043.8
-25°	1208.1	1298.6	1387.5	1473.0	1555.6	1636.1	1711.4	1781.1	1841.4	1894.9	1937.7
-27.5°	1147.1	1231.3	1314.7	1395.4	1472.7	1545.7	1615.4	1679.3	1735.7	1784.5	1826.1
-30°	1082.5	1161.0	1238.6	1314.2	1385.7	1452.9	1516.8	1575.7	1627.4	1672.2	1711.7
-32.5°	1016.8	1089.1	1160.5	1230.1	1296.4	1358.4	1416.1	1471.8	1519.9	1560.8	1596.0
-35°	948.8	1016.1	1081.7	1144.9	1205.4	1262.9	1316.2	1366.6	1413.3	1450.7	1481.3
-37.5°	880.5	941.9	1001.8	1059.3	1114.6	1166.8	1215.4	1259.7	1299.4	1336.2	1366.1
-40°	812.6	868.4	922.4	973.7	1024.0	1072.2	1117.2	1156.4	1191.6	1223.9	1250.8
-42.5°	744.3	795.3	844.3	891.4	935.4	979.5	1021.1	1058.3	1089.5	1116.7	1139.6
-45°	676.9	722.6	766.4	809.6	849.6	887.7	924.7	958.7	986.1	1010.0	1030.1
-47.5°	610.3	651.0	690.7	728.5	764.8	798.9	828.8	856.1	882.8	904.5	921.7
-50°	546.2	581.9	617.5	650.5	683.3	714.0	741.7	765.6	787.0	805.4	820.0
-52.5°	484.8	516.1	546.8	576.4	605.0	631.6	655.8	676.4	694.8	710.5	723.1
-55°	428.8	454.6	478.2	504.2	529.4	552.3	572.4	590.2	605.5	618.4	629.3
-57.5°	377.9	398.4	418.8	439.4	458.9	477.2	494.3	509.4	522.1	532.5	541.3
-60°	330.7	346.5	364.0	380.6	395.9	409.8	423.7	435.8	446.1	454.6	461.5
-62.5°	286.8	300.8	313.7	326.3	338.6	350.8	360.1	368.6	376.2	382.7	387.8
-65°	244.5	255.9	266.0	275.3	283.8	292.8	300.1	306.3	311.2	315.3	318.6
-67.5°	204.3	213.2	221.0	227.7	234.3	240.5	245.5	249.6	252.9	255.6	257.7
-70°	168.7	175.3	180.9	186.3	191.7	196.1	199.4	201.7	203.2	204.2	204.9
-72.5°	137.0	143.2	148.3	153.0	157.0	159.9	162.0	163.6	164.6	163.6	161.7
-75°	107.9	113.8	119.5	124.4	128.5	130.3	131.3	131.9	132.3	128.7	124.1
-77.5°	82.7	88.8	94.1	99.0	103.4	104.2	104.1	103.9	103.5	98.6	92.6
-80°	58.1	62.9	67.5	72.0	76.5	77.0	76.5	75.5	74.2	69.4	63.9
-82.5°	35.6	38.4	41.2	43.8	46.5	47.2	47.4	47.3	46.9	43.3	39.2
-85°	16.5	17.7	18.7	19.8	20.8	21.7	22.6	23.4	24.1	22.0	19.7
-87.5°	3.2	3.3	3.4	3.5	3.5	3.6	3.7	3.7	3.8	3.6	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



REPORT NUMBER: P626621 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	3.2	3.0	3.0	3.0	3.0	3.0	3.2	3.4	3.6	3.8	3.7
85°	17.3	14.7	13.8	12.8	13.8	14.7	17.3	19.7	22.0	24.1	23.4
82.5°	34.9	30.5	29.1	27.6	29.1	30.5	34.9	39.2	43.3	46.9	47.3
80°	58.2	52.2	49.8	47.3	49.8	52.2	58.2	63.9	69.4	74.2	75.5
77.5°	86.3	79.7	76.9	74.0	76.9	79.7	86.3	92.6	98.6	103.5	103.9
75°	119.2	114.0	110.9	107.5	110.9	114.0	119.2	124.1	128.7	132.3	131.9
72.5°	159.5	157.0	154.7	151.9	154.7	157.0	159.5	161.7	163.6	164.6	163.6
70°	205.2	204.8	205.3	205.2	205.3	204.8	205.2	204.9	204.2	203.2	201.7
67.5°	258.7	258.8	259.9	260.4	259.9	258.8	258.7	257.7	255.6	252.9	249.6
65°	320.6	321.4	321.1	319.6	321.1	321.4	320.6	318.6	315.3	311.2	306.3
62.5°	391.5	393.6	394.8	394.5	394.8	393.6	391.5	387.8	382.7	376.2	368.6
60°	466.7	470.0	471.7	471.5	471.7	470.0	466.7	461.5	454.6	446.1	435.8
57.5°	547.9	552.2	553.2	551.4	553.2	552.2	547.9	541.3	532.5	522.1	509.4
55°	637.5	643.0	645.1	644.1	645.1	643.0	637.5	629.3	618.4	605.5	590.2
52.5°	732.3	738.2	740.3	738.8	740.3	738.2	732.3	723.1	710.5	694.8	676.4
50°	830.7	837.9	840.8	839.4	840.8	837.9	830.7	820.0	805.4	787.0	765.6
47.5°	935.2	944.7	948.4	945.9	948.4	944.7	935.2	921.7	904.5	882.8	856.1
45°	1045.1	1055.0	1058.9	1056.4	1058.9	1055.0	1045.1	1030.1	1010.0	986.1	958.7
42.5°	1157.1	1169.9	1175.3	1170.8	1175.3	1169.9	1157.1	1139.6	1116.7	1089.5	1058.3
40°	1270.9	1284.9	1291.3	1288.2	1291.3	1284.9	1270.9	1250.8	1223.9	1191.6	1156.4
37.5°	1387.7	1401.6	1408.5	1408.5	1408.5	1401.6	1387.7	1366.1	1336.2	1299.4	1259.7
35°	1505.0	1521.8	1531.3	1530.8	1531.3	1521.8	1505.0	1481.3	1450.7	1413.3	1366.6
32.5°	1623.8	1642.0	1651.8	1653.1	1651.8	1642.0	1623.8	1596.0	1560.8	1519.9	1471.8
30°	1742.5	1762.5	1773.8	1778.4	1773.8	1762.5	1742.5	1711.7	1672.2	1627.4	1575.7
27.5°	1857.6	1882.2	1899.3	1900.7	1899.3	1882.2	1857.6	1826.1	1784.5	1735.7	1679.3
25°	1969.1	1994.2	2011.6	2015.1	2011.6	1994.2	1969.1	1937.7	1894.9	1841.4	1781.1
22.5°	2079.0	2105.2	2121.3	2127.6	2121.3	2105.2	2079.0	2043.8	1996.5	1940.5	1876.6
20°	2183.8	2212.3	2229.3	2236.1	2229.3	2212.3	2183.8	2145.2	2093.0	2033.5	1965.9
17.5°	2278.7	2308.7	2329.8	2335.7	2329.8	2308.7	2278.7	2237.8	2183.2	2119.9	2047.0
15°	2362.2	2390.7	2410.7	2418.6	2410.7	2390.7	2362.2	2322.0	2266.7	2198.3	2117.3
12.5°	2430.1	2455.6	2471.3	2478.7	2471.3	2455.6	2430.1	2391.9	2341.0	2264.2	2179.1
10°	2483.3	2508.8	2523.7	2534.0	2523.7	2508.8	2483.3	2447.7	2390.8	2322.0	2238.4
7.5°	2529.3	2555.5	2573.8	2588.2	2573.8	2555.5	2529.3	2481.2	2430.5	2365.7	2281.3
5°	2554.8	2598.5	2605.1	2614.8	2605.1	2598.5	2554.8	2511.2	2455.9	2390.0	2307.6
2.5°	2574.1	2605.2	2623.8	2621.8	2623.8	2605.2	2574.1	2522.9	2470.0	2409.6	2329.8
0°	2588.2	2615.8	2622.7	2631.6	2622.7	2615.8	2588.2	2536.9	2481.7	2421.5	2338.7
-2.5°	2574.1	2605.2	2623.8	2621.8	2623.8	2605.2	2574.1	2522.9	2470.0	2409.6	2329.8
-5°	2554.8	2598.5	2605.1	2614.8	2605.1	2598.5	2554.8	2511.2	2455.9	2390.0	2307.6
-7.5°	2529.3	2555.5	2573.8	2588.2	2573.8	2555.5	2529.3	2481.2	2430.5	2365.7	2281.3
-10°	2483.3	2508.8	2523.7	2534.0	2523.7	2508.8	2483.3	2447.7	2390.8	2322.0	2238.4
-12.5°	2430.1	2455.6	2471.3	2478.7	2471.3	2455.6	2430.1	2391.9	2341.0	2264.2	2179.1
-15°	2362.2	2390.7	2410.7	2418.6	2410.7	2390.7	2362.2	2322.0	2266.7	2198.3	2117.3
-17.5°	2278.7	2308.7	2329.8	2335.7	2329.8	2308.7	2278.7	2237.8	2183.2	2119.9	2047.0
-20°	2183.8	2212.3	2229.3	2236.1	2229.3	2212.3	2183.8	2145.2	2093.0	2033.5	1965.9



REPORT NUMBER: P626621 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-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°	2079.0	2105.2	2121.3	2127.6	2121.3	2105.2	2079.0	2043.8	1996.5	1940.5	1876.6
-25°	1969.1	1994.2	2011.6	2015.1	2011.6	1994.2	1969.1	1937.7	1894.9	1841.4	1781.1
-27.5°	1857.6	1882.2	1899.3	1900.7	1899.3	1882.2	1857.6	1826.1	1784.5	1735.7	1679.3
-30°	1742.5	1762.5	1773.8	1778.4	1773.8	1762.5	1742.5	1711.7	1672.2	1627.4	1575.7
-32.5°	1623.8	1642.0	1651.8	1653.1	1651.8	1642.0	1623.8	1596.0	1560.8	1519.9	1471.8
-35°	1505.0	1521.8	1531.3	1530.8	1531.3	1521.8	1505.0	1481.3	1450.7	1413.3	1366.6
-37.5°	1387.7	1401.6	1408.5	1408.5	1408.5	1401.6	1387.7	1366.1	1336.2	1299.4	1259.7
-40°	1270.9	1284.9	1291.3	1288.2	1291.3	1284.9	1270.9	1250.8	1223.9	1191.6	1156.4
-42.5°	1157.1	1169.9	1175.3	1170.8	1175.3	1169.9	1157.1	1139.6	1116.7	1089.5	1058.3
-45°	1045.1	1055.0	1058.9	1056.4	1058.9	1055.0	1045.1	1030.1	1010.0	986.1	958.7
-47.5°	935.2	944.7	948.4	945.9	948.4	944.7	935.2	921.7	904.5	882.8	856.1
-50°	830.7	837.9	840.8	839.4	840.8	837.9	830.7	820.0	805.4	787.0	765.6
-52.5°	732.3	738.2	740.3	738.8	740.3	738.2	732.3	723.1	710.5	694.8	676.4
-55°	637.5	643.0	645.1	644.1	645.1	643.0	637.5	629.3	618.4	605.5	590.2
-57.5°	547.9	552.2	553.2	551.4	553.2	552.2	547.9	541.3	532.5	522.1	509.4
-60°	466.7	470.0	471.7	471.5	471.7	470.0	466.7	461.5	454.6	446.1	435.8
-62.5°	391.5	393.6	394.8	394.5	394.8	393.6	391.5	387.8	382.7	376.2	368.6
-65°	320.6	321.4	321.1	319.6	321.1	321.4	320.6	318.6	315.3	311.2	306.3
-67.5°	258.7	258.8	259.9	260.4	259.9	258.8	258.7	257.7	255.6	252.9	249.6
-70°	205.2	204.8	205.3	205.2	205.3	204.8	205.2	204.9	204.2	203.2	201.7
-72.5°	159.5	157.0	154.7	151.9	154.7	157.0	159.5	161.7	163.6	164.6	163.6
-75°	119.2	114.0	110.9	107.5	110.9	114.0	119.2	124.1	128.7	132.3	131.9
-77.5°	86.3	79.7	76.9	74.0	76.9	79.7	86.3	92.6	98.6	103.5	103.9
-80°	58.2	52.2	49.8	47.3	49.8	52.2	58.2	63.9	69.4	74.2	75.5
-82.5°	34.9	30.5	29.1	27.6	29.1	30.5	34.9	39.2	43.3	46.9	47.3
-85°	17.3	14.7	13.8	12.8	13.8	14.7	17.3	19.7	22.0	24.1	23.4
-87.5°	3.2	3.0	3.0	3.0	3.0	3.0	3.2	3.4	3.6	3.8	3.7
-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: P626621 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-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°	3.7	3.6	3.5	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8
85°	22.6	21.7	20.8	19.8	18.7	17.7	16.5	14.4	12.5	10.8	9.3
82.5°	47.4	47.2	46.5	43.8	41.2	38.4	35.6	31.3	27.2	23.1	19.6
80°	76.5	77.0	76.5	72.0	67.5	62.9	58.1	51.9	45.6	39.6	35.1
77.5°	104.1	104.2	103.4	99.0	94.1	88.8	82.7	75.2	67.7	60.1	54.4
75°	131.3	130.3	128.5	124.4	119.5	113.8	107.9	101.3	93.6	84.8	77.2
72.5°	162.0	159.9	157.0	153.0	148.3	143.2	137.0	129.8	121.7	112.9	104.9
70°	199.4	196.1	191.7	186.3	180.9	175.3	168.7	160.7	151.4	141.7	132.7
67.5°	245.5	240.5	234.3	227.7	221.0	213.2	204.3	194.6	184.9	174.2	162.0
65°	300.1	292.8	283.8	275.3	266.0	255.9	244.5	233.2	221.4	208.4	193.0
62.5°	360.1	350.8	338.6	326.3	313.7	300.8	286.8	272.9	258.8	243.5	226.1
60°	423.7	409.8	395.9	380.6	364.0	346.5	330.7	313.8	295.9	278.6	259.5
57.5°	494.3	477.2	458.9	439.4	418.8	398.4	377.9	356.6	336.4	315.3	293.8
55°	572.4	552.3	529.4	504.2	478.2	454.6	428.8	403.1	378.8	353.2	329.4
52.5°	655.8	631.6	605.0	576.4	546.8	516.1	484.8	455.3	423.6	394.7	365.9
50°	741.7	714.0	683.3	650.5	617.5	581.9	546.2	510.6	474.7	439.3	404.8
47.5°	828.8	798.9	764.8	728.5	690.7	651.0	610.3	567.5	527.9	486.7	447.5
45°	924.7	887.7	849.6	809.6	766.4	722.6	676.9	630.1	582.4	537.1	491.1
42.5°	1021.1	979.5	935.4	891.4	844.3	795.3	744.3	692.7	640.3	588.1	537.9
40°	1117.2	1072.2	1024.0	973.7	922.4	868.4	812.6	755.2	698.2	640.8	584.1
37.5°	1215.4	1166.8	1114.6	1059.3	1001.8	941.9	880.5	818.4	755.6	693.8	632.2
35°	1316.2	1262.9	1205.4	1144.9	1081.7	1016.1	948.8	880.7	813.2	746.3	679.6
32.5°	1416.1	1358.4	1296.4	1230.1	1160.5	1089.1	1016.8	943.3	869.3	798.0	726.9
30°	1516.8	1452.9	1385.7	1314.2	1238.6	1161.0	1082.5	1004.7	925.9	847.4	772.2
27.5°	1615.4	1545.7	1472.7	1395.4	1314.7	1231.3	1147.1	1064.0	979.9	896.4	815.4
25°	1711.4	1636.1	1555.6	1473.0	1387.5	1298.6	1208.1	1120.2	1032.4	943.0	854.2
22.5°	1803.8	1721.4	1634.6	1546.2	1456.3	1362.9	1266.4	1171.7	1080.8	984.8	892.0
20°	1889.0	1800.6	1707.9	1614.8	1519.6	1424.1	1320.7	1219.9	1122.2	1023.7	926.2
17.5°	1964.7	1874.8	1777.5	1679.4	1578.1	1477.5	1371.5	1263.8	1160.3	1058.2	956.3
15°	2031.3	1941.5	1843.0	1739.6	1631.4	1521.6	1414.4	1302.6	1195.0	1088.7	984.2
12.5°	2091.8	1997.8	1899.5	1790.1	1675.2	1560.7	1449.2	1336.6	1225.9	1116.6	1009.3
10°	2146.2	2043.9	1939.9	1829.0	1711.9	1593.7	1478.9	1365.2	1252.1	1140.5	1030.0
7.5°	2183.4	2078.2	1970.6	1860.2	1742.8	1622.7	1504.5	1388.2	1272.6	1159.5	1046.1
5°	2210.9	2105.2	1997.3	1885.3	1766.9	1644.4	1523.4	1404.9	1287.2	1173.4	1057.6
2.5°	2231.9	2123.7	2015.5	1901.0	1782.4	1659.1	1536.9	1417.4	1298.8	1183.6	1067.8
0°	2246.9	2130.5	2026.0	1913.5	1792.2	1667.9	1545.6	1425.3	1305.9	1188.6	1073.2
-2.5°	2231.9	2123.7	2015.5	1901.0	1782.4	1659.1	1536.9	1417.4	1298.8	1183.6	1067.8
-5°	2210.9	2105.2	1997.3	1885.3	1766.9	1644.4	1523.4	1404.9	1287.2	1173.4	1057.6
-7.5°	2183.4	2078.2	1970.6	1860.2	1742.8	1622.7	1504.5	1388.2	1272.6	1159.5	1046.1
-10°	2146.2	2043.9	1939.9	1829.0	1711.9	1593.7	1478.9	1365.2	1252.1	1140.5	1030.0
-12.5°	2091.8	1997.8	1899.5	1790.1	1675.2	1560.7	1449.2	1336.6	1225.9	1116.6	1009.3
-15°	2031.3	1941.5	1843.0	1739.6	1631.4	1521.6	1414.4	1302.6	1195.0	1088.7	984.2
-17.5°	1964.7	1874.8	1777.5	1679.4	1578.1	1477.5	1371.5	1263.8	1160.3	1058.2	956.3
-20°	1889.0	1800.6	1707.9	1614.8	1519.6	1424.1	1320.7	1219.9	1122.2	1023.7	926.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626621 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	1803.8	1721.4	1634.6	1546.2	1456.3	1362.9	1266.4	1171.7	1080.8	984.8	892.0
-25°	1711.4	1636.1	1555.6	1473.0	1387.5	1298.6	1208.1	1120.2	1032.4	943.0	854.2
-27.5°	1615.4	1545.7	1472.7	1395.4	1314.7	1231.3	1147.1	1064.0	979.9	896.4	815.4
-30°	1516.8	1452.9	1385.7	1314.2	1238.6	1161.0	1082.5	1004.7	925.9	847.4	772.2
-32.5°	1416.1	1358.4	1296.4	1230.1	1160.5	1089.1	1016.8	943.3	869.3	798.0	726.9
-35°	1316.2	1262.9	1205.4	1144.9	1081.7	1016.1	948.8	880.7	813.2	746.3	679.6
-37.5°	1215.4	1166.8	1114.6	1059.3	1001.8	941.9	880.5	818.4	755.6	693.8	632.2
-40°	1117.2	1072.2	1024.0	973.7	922.4	868.4	812.6	755.2	698.2	640.8	584.1
-42.5°	1021.1	979.5	935.4	891.4	844.3	795.3	744.3	692.7	640.3	588.1	537.9
-45°	924.7	887.7	849.6	809.6	766.4	722.6	676.9	630.1	582.4	537.1	491.1
-47.5°	828.8	798.9	764.8	728.5	690.7	651.0	610.3	567.5	527.9	486.7	447.5
-50°	741.7	714.0	683.3	650.5	617.5	581.9	546.2	510.6	474.7	439.3	404.8
-52.5°	655.8	631.6	605.0	576.4	546.8	516.1	484.8	455.3	423.6	394.7	365.9
-55°	572.4	552.3	529.4	504.2	478.2	454.6	428.8	403.1	378.8	353.2	329.4
-57.5°	494.3	477.2	458.9	439.4	418.8	398.4	377.9	356.6	336.4	315.3	293.8
-60°	423.7	409.8	395.9	380.6	364.0	346.5	330.7	313.8	295.9	278.6	259.5
-62.5°	360.1	350.8	338.6	326.3	313.7	300.8	286.8	272.9	258.8	243.5	226.1
-65°	300.1	292.8	283.8	275.3	266.0	255.9	244.5	233.2	221.4	208.4	193.0
-67.5°	245.5	240.5	234.3	227.7	221.0	213.2	204.3	194.6	184.9	174.2	162.0
-70°	199.4	196.1	191.7	186.3	180.9	175.3	168.7	160.7	151.4	141.7	132.7
-72.5°	162.0	159.9	157.0	153.0	148.3	143.2	137.0	129.8	121.7	112.9	104.9
-75°	131.3	130.3	128.5	124.4	119.5	113.8	107.9	101.3	93.6	84.8	77.2
-77.5°	104.1	104.2	103.4	99.0	94.1	88.8	82.7	75.2	67.7	60.1	54.4
-80°	76.5	77.0	76.5	72.0	67.5	62.9	58.1	51.9	45.6	39.6	35.1
-82.5°	47.4	47.2	46.5	43.8	41.2	38.4	35.6	31.3	27.2	23.1	19.6
-85°	22.6	21.7	20.8	19.8	18.7	17.7	16.5	14.4	12.5	10.8	9.3
-87.5°	3.7	3.6	3.5	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8
-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: P626621 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-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°	2.8	2.8	2.8	2.8	2.5	2.2	1.9	1.6	1.5	1.3	1.2
85°	9.3	9.1	8.6	7.8	6.1	4.4	3.8	3.3	3.0	2.7	2.3
82.5°	19.5	19.7	19.7	19.1	16.8	14.5	12.0	9.4	7.0	4.4	3.5
80°	35.2	34.8	34.0	32.4	28.7	24.5	21.4	18.1	14.9	11.6	8.1
77.5°	53.2	51.7	49.8	47.7	43.8	39.2	33.9	27.9	22.9	18.8	14.5
75°	73.3	70.9	68.3	64.8	59.7	54.0	48.2	41.2	33.5	26.1	20.8
72.5°	98.5	92.7	87.5	82.5	77.1	70.6	63.2	54.3	44.9	36.0	27.6
70°	124.1	115.3	107.5	100.8	94.2	87.5	79.3	68.3	56.0	45.6	35.7
67.5°	150.1	139.7	129.2	119.1	110.8	102.9	95.1	82.2	68.2	55.0	43.7
65°	178.7	164.8	151.5	139.1	127.9	118.0	108.8	95.2	79.9	65.1	51.4
62.5°	208.2	190.5	174.7	158.9	144.9	132.9	121.8	106.9	91.2	74.9	59.5
60°	239.2	219.0	198.1	179.6	162.5	147.3	133.9	118.4	101.8	84.3	67.5
57.5°	271.9	248.2	224.6	201.3	180.7	162.4	145.6	129.3	112.1	93.6	74.9
55°	305.0	279.5	251.6	225.3	200.0	178.3	158.0	139.8	122.2	102.8	81.4
52.5°	338.1	310.1	280.2	249.7	221.5	194.3	171.6	150.0	131.4	111.7	88.1
50°	372.7	340.6	308.6	275.7	242.8	213.0	184.8	161.7	140.3	120.2	94.4
47.5°	408.8	373.0	337.4	301.4	266.2	231.0	200.1	173.2	149.0	127.9	100.4
45°	448.3	406.5	367.0	328.2	288.3	250.3	215.7	184.1	158.8	133.9	105.9
42.5°	487.8	441.8	397.7	354.5	311.4	269.6	230.4	197.0	168.1	139.6	110.9
40°	529.9	477.3	428.4	381.5	334.1	287.9	246.7	209.6	176.9	145.6	115.6
37.5°	570.8	513.6	459.9	407.3	356.2	307.8	262.4	221.3	185.2	152.3	120.1
35°	614.0	550.2	489.0	433.3	379.0	326.6	277.1	233.2	194.8	158.8	124.4
32.5°	655.8	585.9	520.3	458.9	400.8	344.3	292.3	245.8	204.0	165.1	128.3
30°	696.8	621.7	550.3	483.1	421.9	362.8	307.4	257.6	212.8	171.2	132.3
27.5°	734.7	654.9	579.0	508.1	442.7	380.4	321.8	268.5	221.1	177.5	136.9
25°	770.0	686.8	607.3	532.2	461.9	397.1	335.0	278.6	229.6	184.0	141.2
22.5°	803.0	716.5	633.0	554.3	479.7	412.4	347.8	289.3	237.7	190.0	145.1
20°	833.1	743.2	656.0	574.4	497.1	427.0	360.2	299.0	244.9	195.5	148.6
17.5°	860.2	767.6	677.9	593.2	513.2	440.0	371.2	307.5	251.2	200.3	151.7
15°	885.3	789.8	697.3	609.6	527.2	451.3	380.8	314.8	256.6	204.6	154.7
12.5°	906.9	808.8	713.8	623.5	539.0	460.8	388.9	320.9	261.1	208.4	157.5
10°	924.7	824.5	727.2	634.9	548.5	468.6	395.4	326.1	265.3	211.7	159.7
7.5°	938.6	836.8	737.5	643.7	556.0	475.1	401.0	330.5	268.7	214.3	161.2
5°	949.1	846.4	746.5	651.1	563.0	480.3	405.1	333.7	271.2	216.0	162.0
2.5°	958.4	853.6	753.6	655.8	567.7	483.8	407.6	335.7	272.7	216.9	162.2
0°	963.7	857.1	757.5	657.9	570.1	485.3	408.4	336.3	273.2	217.0	161.8
-2.5°	958.4	853.6	753.6	655.8	567.7	483.8	407.6	335.7	272.7	216.9	162.2
-5°	949.1	846.4	746.5	651.1	563.0	480.3	405.1	333.7	271.2	216.0	162.0
-7.5°	938.6	836.8	737.5	643.7	556.0	475.1	401.0	330.5	268.7	214.3	161.2
-10°	924.7	824.5	727.2	634.9	548.5	468.6	395.4	326.1	265.3	211.7	159.7
-12.5°	906.9	808.8	713.8	623.5	539.0	460.8	388.9	320.9	261.1	208.4	157.5
-15°	885.3	789.8	697.3	609.6	527.2	451.3	380.8	314.8	256.6	204.6	154.7
-17.5°	860.2	767.6	677.9	593.2	513.2	440.0	371.2	307.5	251.2	200.3	151.7
-20°	833.1	743.2	656.0	574.4	497.1	427.0	360.2	299.0	244.9	195.5	148.6

Classified

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Scaled Data Report



REPORT NUMBER: P626621 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-735-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	803.0	716.5	633.0	554.3	479.7	412.4	347.8	289.3	237.7	190.0	145.1
-25°	770.0	686.8	607.3	532.2	461.9	397.1	335.0	278.6	229.6	184.0	141.2
-27.5°	734.7	654.9	579.0	508.1	442.7	380.4	321.8	268.5	221.1	177.5	136.9
-30°	696.8	621.7	550.3	483.1	421.9	362.8	307.4	257.6	212.8	171.2	132.3
-32.5°	655.8	585.9	520.3	458.9	400.8	344.3	292.3	245.8	204.0	165.1	128.3
-35°	614.0	550.2	489.0	433.3	379.0	326.6	277.1	233.2	194.8	158.8	124.4
-37.5°	570.8	513.6	459.9	407.3	356.2	307.8	262.4	221.3	185.2	152.3	120.1
-40°	529.9	477.3	428.4	381.5	334.1	287.9	246.7	209.6	176.9	145.6	115.6
-42.5°	487.8	441.8	397.7	354.5	311.4	269.6	230.4	197.0	168.1	139.6	110.9
-45°	448.3	406.5	367.0	328.2	288.3	250.3	215.7	184.1	158.8	133.9	105.9
-47.5°	408.8	373.0	337.4	301.4	266.2	231.0	200.1	173.2	149.0	127.9	100.4
-50°	372.7	340.6	308.6	275.7	242.8	213.0	184.8	161.7	140.3	120.2	94.4
-52.5°	338.1	310.1	280.2	249.7	221.5	194.3	171.6	150.0	131.4	111.7	88.1
-55°	305.0	279.5	251.6	225.3	200.0	178.3	158.0	139.8	122.2	102.8	81.4
-57.5°	271.9	248.2	224.6	201.3	180.7	162.4	145.6	129.3	112.1	93.6	74.9
-60°	239.2	219.0	198.1	179.6	162.5	147.3	133.9	118.4	101.8	84.3	67.5
-62.5°	208.2	190.5	174.7	158.9	144.9	132.9	121.8	106.9	91.2	74.9	59.5
-65°	178.7	164.8	151.5	139.1	127.9	118.0	108.8	95.2	79.9	65.1	51.4
-67.5°	150.1	139.7	129.2	119.1	110.8	102.9	95.1	82.2	68.2	55.0	43.7
-70°	124.1	115.3	107.5	100.8	94.2	87.5	79.3	68.3	56.0	45.6	35.7
-72.5°	98.5	92.7	87.5	82.5	77.1	70.6	63.2	54.3	44.9	36.0	27.6
-75°	73.3	70.9	68.3	64.8	59.7	54.0	48.2	41.2	33.5	26.1	20.8
-77.5°	53.2	51.7	49.8	47.7	43.8	39.2	33.9	27.9	22.9	18.8	14.5
-80°	35.2	34.8	34.0	32.4	28.7	24.5	21.4	18.1	14.9	11.6	8.1
-82.5°	19.5	19.7	19.7	19.1	16.8	14.5	12.0	9.4	7.0	4.4	3.5
-85°	9.3	9.1	8.6	7.8	6.1	4.4	3.8	3.3	3.0	2.7	2.3
-87.5°	2.8	2.8	2.8	2.8	2.5	2.2	1.9	1.6	1.5	1.3	1.2
-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: P626621 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-735-U-VWR-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°	1.0	0.8	0.7	0.5	0.3	0.2	0.0
85°	2.0	1.7	1.4	1.0	0.7	0.3	0.0
82.5°	3.0	2.5	2.0	1.5	1.0	0.4	0.0
80°	4.6	3.4	2.7	2.0	1.3	0.6	0.0
77.5°	10.0	5.3	3.4	2.5	1.7	0.7	0.0
75°	15.3	9.2	4.4	3.0	2.0	0.9	0.0
72.5°	20.4	13.0	7.0	3.5	2.3	1.0	0.0
70°	25.5	16.6	9.6	4.2	2.6	1.2	0.0
67.5°	31.7	20.1	12.0	5.8	2.9	1.3	0.0
65°	37.6	24.0	14.4	7.3	3.2	1.4	0.0
62.5°	43.2	28.3	16.6	8.8	3.5	1.6	0.0
60°	48.4	32.4	18.7	10.1	3.8	1.7	0.0
57.5°	54.0	36.2	21.4	11.4	4.5	1.8	0.0
55°	59.2	39.8	24.1	12.6	5.3	1.9	0.0
52.5°	64.0	43.1	26.6	13.7	6.0	2.0	0.0
50°	68.5	46.7	28.8	14.7	6.7	2.1	0.0
47.5°	72.7	49.9	30.9	15.8	7.4	2.3	0.0
45°	77.3	52.9	32.8	17.2	8.0	2.3	0.0
42.5°	81.6	55.5	34.4	18.4	8.6	2.4	0.0
40°	85.4	57.8	36.1	19.7	9.2	2.5	0.0
37.5°	88.9	59.7	37.7	20.9	9.7	2.6	0.0
35°	91.9	62.0	39.1	22.1	10.2	2.7	0.0
32.5°	94.8	64.2	40.3	23.2	10.6	2.7	0.0
30°	97.7	66.2	41.2	24.2	11.0	2.8	0.0
27.5°	100.3	67.8	42.6	25.1	11.4	2.8	0.0
25°	102.6	69.0	43.9	25.9	11.7	2.9	0.0
22.5°	104.6	70.3	45.1	26.6	12.0	2.9	0.0
20°	106.2	72.0	46.1	27.2	12.3	3.0	0.0
17.5°	108.3	73.5	46.9	27.7	12.5	3.0	0.0
15°	110.4	74.6	47.6	28.1	12.6	3.0	0.0
12.5°	112.1	75.4	48.1	28.4	12.8	3.0	0.0
10°	113.4	75.9	48.5	28.6	12.8	3.0	0.0
7.5°	114.3	76.1	48.7	28.8	12.9	3.0	0.0
5°	114.8	76.0	48.7	28.8	12.9	3.0	0.0
2.5°	114.8	75.6	48.6	28.8	12.9	3.0	0.0
0°	114.4	75.0	48.3	28.6	12.8	3.0	0.0
-2.5°	114.8	75.6	48.6	28.8	12.9	3.0	0.0
-5°	114.8	76.0	48.7	28.8	12.9	3.0	0.0
-7.5°	114.3	76.1	48.7	28.8	12.9	3.0	0.0
-10°	113.4	75.9	48.5	28.6	12.8	3.0	0.0
-12.5°	112.1	75.4	48.1	28.4	12.8	3.0	0.0
-15°	110.4	74.6	47.6	28.1	12.6	3.0	0.0
-17.5°	108.3	73.5	46.9	27.7	12.5	3.0	0.0
-20°	106.2	72.0	46.1	27.2	12.3	3.0	0.0

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CATALOG NUMBER: GFLD-SA1B-735-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	104.6	70.3	45.1	26.6	12.0	2.9	0.0
-25°	102.6	69.0	43.9	25.9	11.7	2.9	0.0
-27.5°	100.3	67.8	42.6	25.1	11.4	2.8	0.0
-30°	97.7	66.2	41.2	24.2	11.0	2.8	0.0
-32.5°	94.8	64.2	40.3	23.2	10.6	2.7	0.0
-35°	91.9	62.0	39.1	22.1	10.2	2.7	0.0
-37.5°	88.9	59.7	37.7	20.9	9.7	2.6	0.0
-40°	85.4	57.8	36.1	19.7	9.2	2.5	0.0
-42.5°	81.6	55.5	34.4	18.4	8.6	2.4	0.0
-45°	77.3	52.9	32.8	17.2	8.0	2.3	0.0
-47.5°	72.7	49.9	30.9	15.8	7.4	2.3	0.0
-50°	68.5	46.7	28.8	14.7	6.7	2.1	0.0
-52.5°	64.0	43.1	26.6	13.7	6.0	2.0	0.0
-55°	59.2	39.8	24.1	12.6	5.3	1.9	0.0
-57.5°	54.0	36.2	21.4	11.4	4.5	1.8	0.0
-60°	48.4	32.4	18.7	10.1	3.8	1.7	0.0
-62.5°	43.2	28.3	16.6	8.8	3.5	1.6	0.0
-65°	37.6	24.0	14.4	7.3	3.2	1.4	0.0
-67.5°	31.7	20.1	12.0	5.8	2.9	1.3	0.0
-70°	25.5	16.6	9.6	4.2	2.6	1.2	0.0
-72.5°	20.4	13.0	7.0	3.5	2.3	1.0	0.0
-75°	15.3	9.2	4.4	3.0	2.0	0.9	0.0
-77.5°	10.0	5.3	3.4	2.5	1.7	0.7	0.0
-80°	4.6	3.4	2.7	2.0	1.3	0.6	0.0
-82.5°	3.0	2.5	2.0	1.5	1.0	0.4	0.0
-85°	2.0	1.7	1.4	1.0	0.7	0.3	0.0
-87.5°	1.0	0.8	0.7	0.5	0.3	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)