

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: P626991 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2D-740-U-VWR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626991 (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-SA2D-740-U-VWR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N55  
Light Source: (32) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

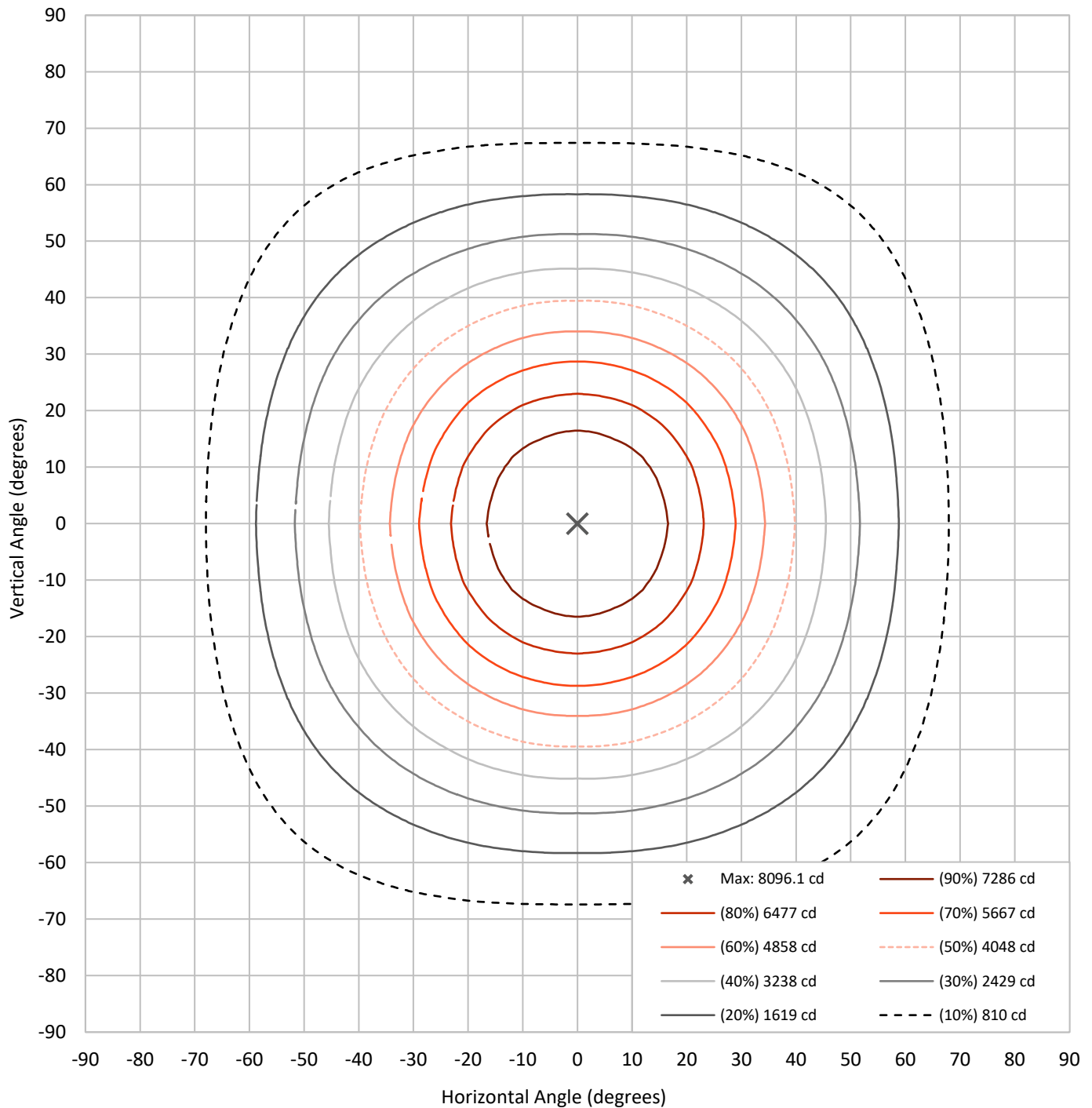
**Summary**

Lumens per Lamp: N/A	NEMA Type: 7H x 7V
Luminaire Lumens: 14633 lumens	Max Intensity: 8096.1 candela
Efficiency: N/A	Max Intensity Angle: 0°H x 0°V
Efficacy: 134.6 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: 8582.3 lumens	Field Lumens: 13950.1 lumens
Beam Efficiency: 58.7%	Field Efficiency: 95.3%
Input Watts (W): 108.7	
Input Voltage (V): 120	
Input Current (Ain): NR	
Voltage Rise (V): NR	
Power Factor: NR	
Total Harmonic Distortion (THDi): NR	
Frequency (hertz): 60	
Stabilization Time: NR	
Operation Time: NR	
Ambient Temperature (°C): NR	
Test Distance: 25 FT	



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### Iso-Candela Plot





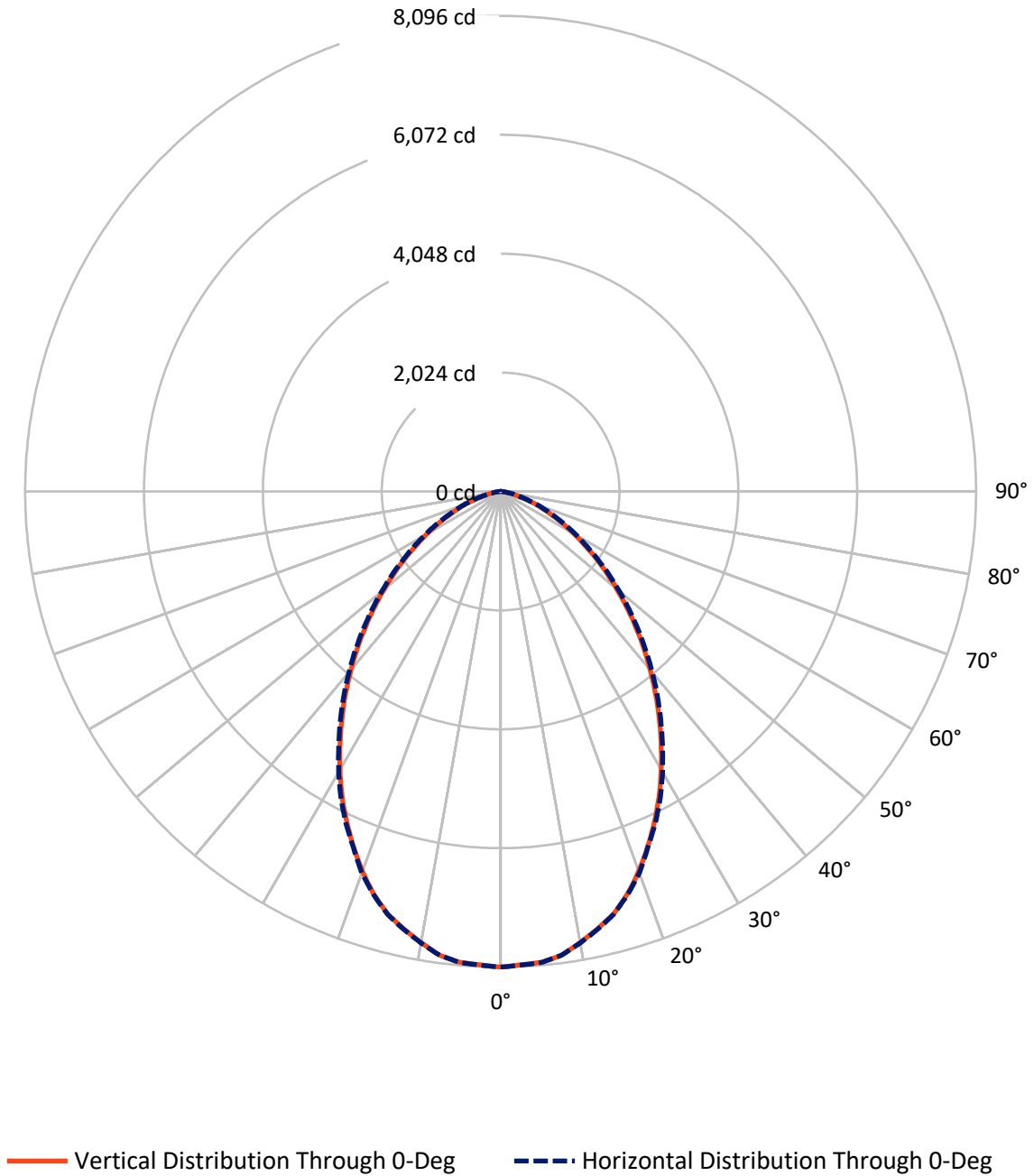
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### Lumen Table

90																		
80	0.5		6.0		16.3		27.7		26.1		27.7		16.3		6.0		0.5	
70																		
60	2.7		3.8	7.6	12.9	18.9	24.4	28.5	30.5	30.5	28.5	24.4	18.9	12.9	7.6	3.8		2.7
50																		
40	4.8		5.6	12.3	22.0	33.2	45.2	55.0	60.1	60.1	55.0	45.2	33.2	22.0	12.3	5.6		4.8
30																		
20	6.1		7.6	17.8	32.8	52.0	72.1	89.0	98.2	98.2	89.0	72.1	52.0	32.8	17.8	7.6		6.1
10																		
0	6.7		9.6	23.6	45.2	72.9	102.2	127.2	141.4	141.4	127.2	102.2	72.9	45.2	23.6	9.6		6.7
-10																		
-20	6.1		11.4	29.0	56.9	92.8	131.7	165.6	185.1	185.1	165.6	131.7	92.8	56.9	29.0	11.4		6.1
-30																		
-40	4.8		12.9	33.2	65.6	108.3	155.6	197.4	221.1	221.1	197.4	155.6	108.3	65.6	33.2	12.9		4.8
-50																		
-60	2.7		13.7	35.5	70.5	116.9	168.9	214.5	239.5	239.5	214.5	168.9	116.9	70.5	35.5	13.7		2.7
-70																		
-80	0.5		13.7	35.5	70.5	116.9	168.9	214.5	239.5	239.5	214.5	168.9	116.9	70.5	35.5	13.7		0.5
-90																		

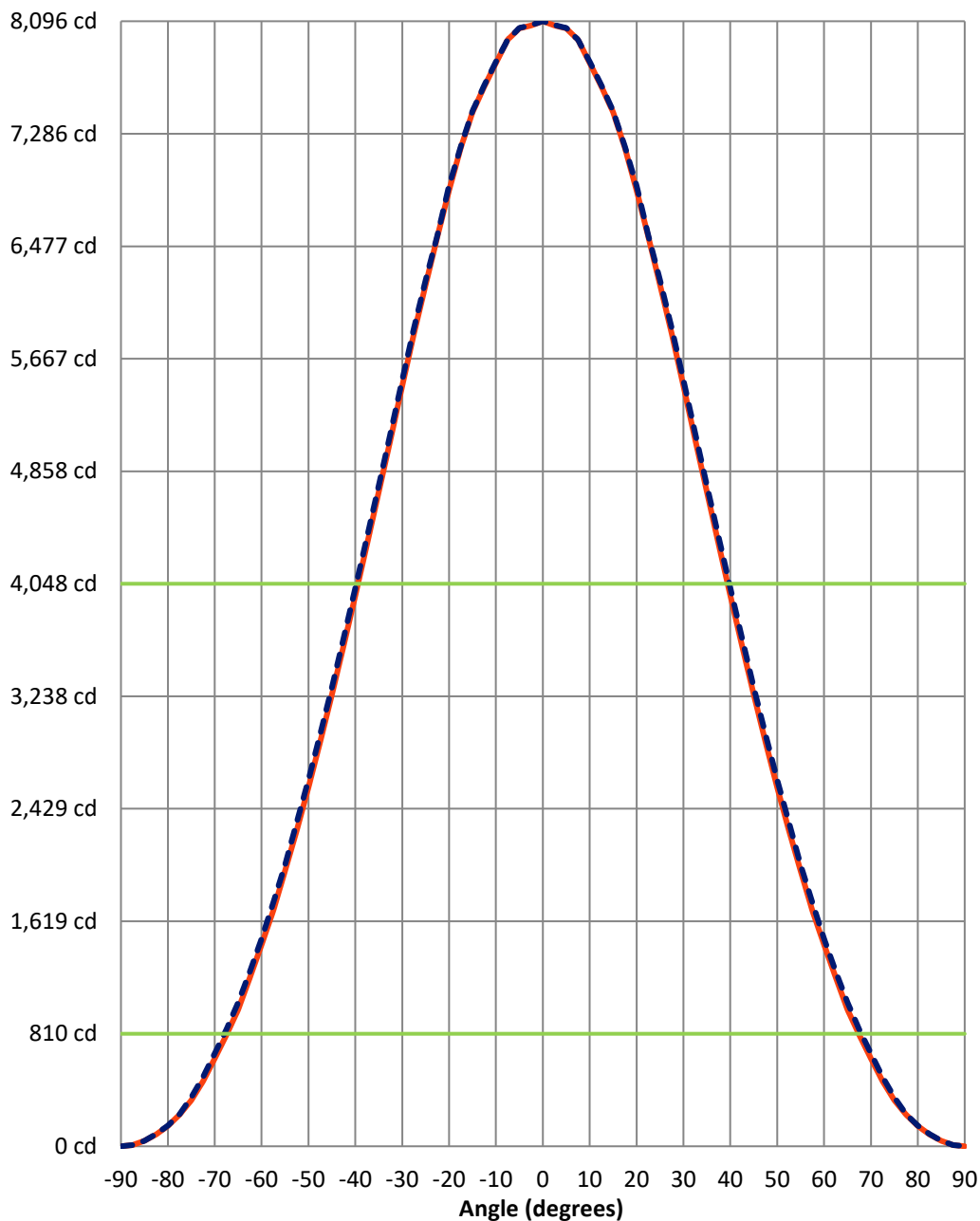
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 79.6°  
 V Angle: 78.9°  
 Lumens: 8582.3  
 Efficiency: 58.7%

**Field:**  
 H Angle: 135.9°  
 V Angle: 134.8°  
 Lumens: 13950.1  
 Efficiency: 95.3%

**Spill:**  
 Lumens: 682.9  
 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	0.5	1.1	1.6	2.1	2.6	3.1	3.6	4.1	4.6	5.1
85°	0.0	0.9	2.1	3.2	4.2	5.2	6.3	7.3	8.3	9.3	10.2
82.5°	0.0	1.4	3.1	4.7	6.3	7.8	9.4	10.9	13.6	21.5	29.0
80°	0.0	1.8	4.2	6.3	8.4	10.4	14.1	25.1	35.8	46.0	55.8
77.5°	0.0	2.3	5.2	7.8	10.4	16.4	30.8	44.7	57.8	70.4	85.9
75°	0.0	2.7	6.2	9.4	13.6	28.3	47.1	64.1	80.5	102.9	126.8
72.5°	0.0	3.2	7.2	10.9	21.7	40.0	62.8	85.0	110.6	138.0	166.9
70°	0.0	3.6	8.1	13.0	29.5	51.2	78.6	110.0	140.2	172.4	210.0
67.5°	0.0	4.0	9.1	17.9	37.0	62.0	97.5	134.4	169.1	209.7	252.9
65°	0.0	4.4	10.0	22.5	44.2	74.0	115.6	158.2	200.3	246.0	293.0
62.5°	0.0	4.8	10.9	27.0	51.0	87.2	132.8	183.0	230.4	280.6	328.9
60°	0.0	5.2	11.7	31.2	57.4	99.6	148.9	207.6	259.4	313.1	364.3
57.5°	0.0	5.6	14.1	35.1	66.0	111.3	166.0	230.5	288.1	344.9	397.8
55°	0.0	5.9	16.4	38.8	74.1	122.2	182.1	250.4	316.2	375.7	430.1
52.5°	0.0	6.3	18.6	42.2	81.7	132.6	197.0	271.0	343.7	404.1	461.5
50°	0.0	6.6	20.7	45.3	88.6	143.5	210.7	290.6	369.8	431.6	497.4
47.5°	0.0	6.9	22.7	48.6	95.0	153.6	223.5	308.8	393.5	458.2	532.7
45°	0.0	7.2	24.7	52.8	100.7	162.6	237.8	325.6	411.9	488.3	566.4
42.5°	0.0	7.5	26.5	56.6	105.8	170.6	250.9	341.0	429.5	517.1	606.1
40°	0.0	7.7	28.2	60.5	110.8	177.7	262.8	355.7	447.8	544.1	644.8
37.5°	0.0	7.9	29.8	64.4	115.9	183.6	273.4	369.5	468.4	569.7	681.0
35°	0.0	8.2	31.3	68.0	120.2	190.6	282.8	382.6	488.4	599.2	717.6
32.5°	0.0	8.4	32.7	71.3	123.8	197.5	291.5	394.8	507.8	627.6	756.3
30°	0.0	8.5	33.9	74.3	126.7	203.5	300.5	407.0	526.6	654.7	792.5
27.5°	0.0	8.7	35.0	77.1	131.0	208.4	308.6	421.2	545.8	680.4	826.0
25°	0.0	8.8	36.0	79.5	135.1	212.3	315.7	434.4	566.0	706.6	857.1
22.5°	0.0	8.9	36.9	81.7	138.7	216.2	321.8	446.5	584.5	731.3	890.2
20°	0.0	9.0	37.7	83.6	141.8	221.6	326.9	457.3	601.3	753.5	919.8
17.5°	0.0	9.1	38.3	85.2	144.4	226.0	333.2	466.9	616.3	772.9	946.0
15°	0.0	9.2	38.9	86.4	146.5	229.4	339.7	476.0	629.4	789.6	968.5
12.5°	0.0	9.2	39.3	87.4	148.1	231.8	345.0	484.6	641.2	803.4	987.4
10°	0.0	9.2	39.5	88.1	149.2	233.4	349.1	491.2	651.3	816.4	1003.3
7.5°	0.0	9.2	39.7	88.5	149.8	234.0	351.8	495.8	659.1	826.9	1017.1
5°	0.0	9.2	39.7	88.6	149.9	233.7	353.3	498.4	664.5	834.4	1026.9
2.5°	0.0	9.2	39.6	88.5	149.5	232.6	353.3	499.1	667.4	839.0	1032.8
0°	0.0	9.1	39.4	88.0	148.7	230.6	352.0	497.7	667.6	840.6	1034.8
-2.5°	0.0	9.2	39.6	88.5	149.5	232.6	353.3	499.1	667.4	839.0	1032.8
-5°	0.0	9.2	39.7	88.6	149.9	233.7	353.3	498.4	664.5	834.4	1026.9
-7.5°	0.0	9.2	39.7	88.5	149.8	234.0	351.8	495.8	659.1	826.9	1017.1
-10°	0.0	9.2	39.5	88.1	149.2	233.4	349.1	491.2	651.3	816.4	1003.3
-12.5°	0.0	9.2	39.3	87.4	148.1	231.8	345.0	484.6	641.2	803.4	987.4
-15°	0.0	9.2	38.9	86.4	146.5	229.4	339.7	476.0	629.4	789.6	968.5
-17.5°	0.0	9.1	38.3	85.2	144.4	226.0	333.2	466.9	616.3	772.9	946.0
-20°	0.0	9.0	37.7	83.6	141.8	221.6	326.9	457.3	601.3	753.5	919.8

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CATALOG NUMBER: GFLD-SA2D-740-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	8.9	36.9	81.7	138.7	216.2	321.8	446.5	584.5	731.3	890.2
-25°	0.0	8.8	36.0	79.5	135.1	212.3	315.7	434.4	566.0	706.6	857.1
-27.5°	0.0	8.7	35.0	77.1	131.0	208.4	308.6	421.2	545.8	680.4	826.0
-30°	0.0	8.5	33.9	74.3	126.7	203.5	300.5	407.0	526.6	654.7	792.5
-32.5°	0.0	8.4	32.7	71.3	123.8	197.5	291.5	394.8	507.8	627.6	756.3
-35°	0.0	8.2	31.3	68.0	120.2	190.6	282.8	382.6	488.4	599.2	717.6
-37.5°	0.0	7.9	29.8	64.4	115.9	183.6	273.4	369.5	468.4	569.7	681.0
-40°	0.0	7.7	28.2	60.5	110.8	177.7	262.8	355.7	447.8	544.1	644.8
-42.5°	0.0	7.5	26.5	56.6	105.8	170.6	250.9	341.0	429.5	517.1	606.1
-45°	0.0	7.2	24.7	52.8	100.7	162.6	237.8	325.6	411.9	488.3	566.4
-47.5°	0.0	6.9	22.7	48.6	95.0	153.6	223.5	308.8	393.5	458.2	532.7
-50°	0.0	6.6	20.7	45.3	88.6	143.5	210.7	290.6	369.8	431.6	497.4
-52.5°	0.0	6.3	18.6	42.2	81.7	132.6	197.0	271.0	343.7	404.1	461.5
-55°	0.0	5.9	16.4	38.8	74.1	122.2	182.1	250.4	316.2	375.7	430.1
-57.5°	0.0	5.6	14.1	35.1	66.0	111.3	166.0	230.5	288.1	344.9	397.8
-60°	0.0	5.2	11.7	31.2	57.4	99.6	148.9	207.6	259.4	313.1	364.3
-62.5°	0.0	4.8	10.9	27.0	51.0	87.2	132.8	183.0	230.4	280.6	328.9
-65°	0.0	4.4	10.0	22.5	44.2	74.0	115.6	158.2	200.3	246.0	293.0
-67.5°	0.0	4.0	9.1	17.9	37.0	62.0	97.5	134.4	169.1	209.7	252.9
-70°	0.0	3.6	8.1	13.0	29.5	51.2	78.6	110.0	140.2	172.4	210.0
-72.5°	0.0	3.2	7.2	10.9	21.7	40.0	62.8	85.0	110.6	138.0	166.9
-75°	0.0	2.7	6.2	9.4	13.6	28.3	47.1	64.1	80.5	102.9	126.8
-77.5°	0.0	2.3	5.2	7.8	10.4	16.4	30.8	44.7	57.8	70.4	85.9
-80°	0.0	1.8	4.2	6.3	8.4	10.4	14.1	25.1	35.8	46.0	55.8
-82.5°	0.0	1.4	3.1	4.7	6.3	7.8	9.4	10.9	13.6	21.5	29.0
-85°	0.0	0.9	2.1	3.2	4.2	5.2	6.3	7.3	8.3	9.3	10.2
-87.5°	0.0	0.5	1.1	1.6	2.1	2.6	3.1	3.6	4.1	4.6	5.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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CATALOG NUMBER: GFLD-SA2D-740-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°	5.9	6.8	7.7	8.7	8.8	8.8	8.7	8.6	8.9	9.3	9.6
85°	11.9	13.6	18.9	24.0	26.5	28.0	28.7	28.6	33.2	38.6	44.4
82.5°	36.9	44.5	51.8	58.7	60.5	60.5	59.9	60.1	71.0	83.5	96.4
80°	65.8	75.4	88.2	99.6	104.5	107.0	108.2	108.0	121.8	140.2	159.6
77.5°	104.3	120.6	134.7	146.7	153.2	158.9	163.6	167.1	184.9	208.1	231.2
75°	148.2	166.1	183.8	199.2	210.0	218.0	225.5	237.5	260.7	287.9	311.5
72.5°	194.6	217.3	237.1	253.9	269.0	285.1	303.1	322.8	347.4	374.5	399.2
70°	244.1	269.1	289.8	310.0	330.6	354.7	381.8	408.3	435.7	465.6	494.4
67.5°	292.5	316.6	341.0	366.5	397.4	429.7	461.6	498.2	535.7	569.0	598.7
65°	334.6	362.9	393.3	427.9	466.1	507.1	549.7	593.6	641.2	681.1	717.5
62.5°	374.7	408.8	445.8	488.9	537.6	586.1	640.5	695.5	749.1	796.1	839.5
60°	411.7	453.0	499.8	552.6	609.4	673.9	735.9	798.5	857.3	910.5	965.4
57.5°	447.8	499.7	555.9	619.2	691.1	763.5	836.4	903.7	970.2	1035.0	1097.1
55°	485.9	548.4	615.3	693.0	774.0	859.8	938.2	1013.3	1086.6	1165.2	1240.0
52.5°	527.9	597.7	681.3	768.4	862.0	954.0	1040.1	1125.7	1214.2	1303.3	1400.6
50°	568.3	655.4	747.0	848.3	949.4	1047.9	1146.7	1245.3	1351.4	1460.6	1570.9
47.5°	615.6	710.6	818.9	927.5	1037.9	1147.6	1257.7	1376.8	1497.4	1624.0	1746.1
45°	663.5	770.3	887.0	1009.7	1129.2	1250.6	1379.3	1511.0	1652.4	1791.7	1938.5
42.5°	708.8	829.6	958.2	1090.8	1223.6	1359.3	1500.8	1654.7	1809.2	1969.8	2131.2
40°	759.1	886.0	1027.8	1173.8	1318.0	1468.4	1630.1	1796.8	1971.5	2148.2	2323.4
37.5°	807.4	946.8	1095.9	1253.1	1414.9	1580.2	1755.8	1945.0	2134.5	2324.6	2517.8
35°	852.6	1004.6	1166.1	1332.9	1504.5	1692.5	1888.9	2090.8	2296.1	2501.7	2709.6
32.5°	899.1	1059.0	1233.1	1411.7	1600.7	1802.4	2017.4	2236.2	2454.9	2674.5	2902.0
30°	945.8	1116.1	1298.0	1486.1	1692.9	1912.6	2143.7	2375.5	2606.8	2848.5	3091.0
27.5°	989.9	1170.3	1361.8	1563.1	1781.3	2014.7	2260.2	2508.5	2757.9	3014.8	3273.4
25°	1030.5	1221.6	1421.0	1637.2	1868.4	2113.0	2368.7	2627.7	2901.3	3176.2	3446.3
22.5°	1070.0	1268.8	1475.8	1705.4	1947.4	2204.2	2470.4	2744.1	3029.9	3325.1	3604.6
20°	1108.1	1313.7	1529.2	1767.2	2018.1	2286.3	2562.9	2849.5	3149.4	3452.5	3753.0
17.5°	1141.9	1353.5	1578.8	1825.0	2085.6	2361.4	2646.3	2942.3	3255.5	3569.7	3888.1
15°	1171.4	1388.2	1621.8	1875.5	2145.2	2429.7	2723.7	3028.1	3349.3	3676.5	4007.6
12.5°	1196.3	1417.6	1658.0	1918.3	2195.8	2488.2	2790.2	3105.2	3435.2	3771.5	4112.2
10°	1216.5	1441.6	1687.3	1953.4	2237.2	2536.6	2844.9	3168.8	3508.7	3852.3	4200.2
7.5°	1233.7	1461.6	1710.6	1980.4	2269.0	2574.5	2887.6	3218.4	3567.2	3915.4	4270.8
5°	1246.2	1477.8	1732.0	2003.1	2296.7	2604.1	2919.9	3253.8	3610.1	3960.2	4322.1
2.5°	1253.8	1488.3	1746.5	2017.7	2318.5	2626.3	2948.5	3285.1	3641.5	3995.8	4360.6
0°	1256.3	1493.0	1754.0	2024.0	2330.5	2637.0	2964.7	3301.6	3656.6	4017.7	4384.9
-2.5°	1253.8	1488.3	1746.5	2017.7	2318.5	2626.3	2948.5	3285.1	3641.5	3995.8	4360.6
-5°	1246.2	1477.8	1732.0	2003.1	2296.7	2604.1	2919.9	3253.8	3610.1	3960.2	4322.1
-7.5°	1233.7	1461.6	1710.6	1980.4	2269.0	2574.5	2887.6	3218.4	3567.2	3915.4	4270.8
-10°	1216.5	1441.6	1687.3	1953.4	2237.2	2536.6	2844.9	3168.8	3508.7	3852.3	4200.2
-12.5°	1196.3	1417.6	1658.0	1918.3	2195.8	2488.2	2790.2	3105.2	3435.2	3771.5	4112.2
-15°	1171.4	1388.2	1621.8	1875.5	2145.2	2429.7	2723.7	3028.1	3349.3	3676.5	4007.6
-17.5°	1141.9	1353.5	1578.8	1825.0	2085.6	2361.4	2646.3	2942.3	3255.5	3569.7	3888.1
-20°	1108.1	1313.7	1529.2	1767.2	2018.1	2286.3	2562.9	2849.5	3149.4	3452.5	3753.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626991 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-740-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°	1070.0	1268.8	1475.8	1705.4	1947.4	2204.2	2470.4	2744.1	3029.9	3325.1	3604.6
-25°	1030.5	1221.6	1421.0	1637.2	1868.4	2113.0	2368.7	2627.7	2901.3	3176.2	3446.3
-27.5°	989.9	1170.3	1361.8	1563.1	1781.3	2014.7	2260.2	2508.5	2757.9	3014.8	3273.4
-30°	945.8	1116.1	1298.0	1486.1	1692.9	1912.6	2143.7	2375.5	2606.8	2848.5	3091.0
-32.5°	899.1	1059.0	1233.1	1411.7	1600.7	1802.4	2017.4	2236.2	2454.9	2674.5	2902.0
-35°	852.6	1004.6	1166.1	1332.9	1504.5	1692.5	1888.9	2090.8	2296.1	2501.7	2709.6
-37.5°	807.4	946.8	1095.9	1253.1	1414.9	1580.2	1755.8	1945.0	2134.5	2324.6	2517.8
-40°	759.1	886.0	1027.8	1173.8	1318.0	1468.4	1630.1	1796.8	1971.5	2148.2	2323.4
-42.5°	708.8	829.6	958.2	1090.8	1223.6	1359.3	1500.8	1654.7	1809.2	1969.8	2131.2
-45°	663.5	770.3	887.0	1009.7	1129.2	1250.6	1379.3	1511.0	1652.4	1791.7	1938.5
-47.5°	615.6	710.6	818.9	927.5	1037.9	1147.6	1257.7	1376.8	1497.4	1624.0	1746.1
-50°	568.3	655.4	747.0	848.3	949.4	1047.9	1146.7	1245.3	1351.4	1460.6	1570.9
-52.5°	527.9	597.7	681.3	768.4	862.0	954.0	1040.1	1125.7	1214.2	1303.3	1400.6
-55°	485.9	548.4	615.3	693.0	774.0	859.8	938.2	1013.3	1086.6	1165.2	1240.0
-57.5°	447.8	499.7	555.9	619.2	691.1	763.5	836.4	903.7	970.2	1035.0	1097.1
-60°	411.7	453.0	499.8	552.6	609.4	673.9	735.9	798.5	857.3	910.5	965.4
-62.5°	374.7	408.8	445.8	488.9	537.6	586.1	640.5	695.5	749.1	796.1	839.5
-65°	334.6	362.9	393.3	427.9	466.1	507.1	549.7	593.6	641.2	681.1	717.5
-67.5°	292.5	316.6	341.0	366.5	397.4	429.7	461.6	498.2	535.7	569.0	598.7
-70°	244.1	269.1	289.8	310.0	330.6	354.7	381.8	408.3	435.7	465.6	494.4
-72.5°	194.6	217.3	237.1	253.9	269.0	285.1	303.1	322.8	347.4	374.5	399.2
-75°	148.2	166.1	183.8	199.2	210.0	218.0	225.5	237.5	260.7	287.9	311.5
-77.5°	104.3	120.6	134.7	146.7	153.2	158.9	163.6	167.1	184.9	208.1	231.2
-80°	65.8	75.4	88.2	99.6	104.5	107.0	108.2	108.0	121.8	140.2	159.6
-82.5°	36.9	44.5	51.8	58.7	60.5	60.5	59.9	60.1	71.0	83.5	96.4
-85°	11.9	13.6	18.9	24.0	26.5	28.0	28.7	28.6	33.2	38.6	44.4
-87.5°	5.9	6.8	7.7	8.7	8.8	8.8	8.7	8.6	8.9	9.3	9.6
-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: P626991 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-740-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°	9.9	10.2	10.5	10.7	11.0	11.2	11.4	11.5	11.7	11.1	10.4
85°	50.7	54.3	57.6	60.8	63.9	66.8	69.5	72.0	74.3	67.9	60.7
82.5°	109.5	118.3	126.6	134.9	143.1	145.2	145.9	145.6	144.4	133.1	120.6
80°	178.7	193.6	207.6	221.5	235.2	236.7	235.2	232.3	228.3	213.5	196.7
77.5°	254.2	272.9	289.3	304.4	318.0	320.6	320.3	319.6	318.4	303.3	285.0
75°	331.7	350.0	367.7	382.7	395.3	401.0	403.8	405.8	406.9	396.0	381.8
72.5°	421.5	440.6	456.2	470.7	483.1	492.0	498.4	503.2	506.5	503.2	497.4
70°	519.0	539.4	556.6	573.1	589.8	603.2	613.3	620.7	625.4	628.4	630.6
67.5°	628.7	656.1	680.1	700.5	720.7	739.7	755.3	768.0	777.9	786.2	792.7
65°	752.3	787.4	818.5	847.0	873.2	900.7	923.3	942.2	957.5	970.1	980.2
62.5°	882.3	925.2	965.1	1003.9	1041.8	1079.2	1107.9	1134.1	1157.3	1177.3	1193.2
60°	1017.3	1066.1	1119.7	1170.8	1217.9	1260.9	1303.7	1340.6	1372.3	1398.6	1419.8
57.5°	1162.4	1225.7	1288.3	1351.9	1411.9	1468.1	1520.6	1567.0	1606.2	1638.4	1665.4
55°	1319.3	1398.4	1471.0	1551.2	1628.6	1699.1	1761.2	1815.7	1862.9	1902.4	1935.9
52.5°	1491.7	1587.8	1682.2	1773.4	1861.3	1943.1	2017.4	2080.9	2137.4	2185.9	2224.5
50°	1680.4	1790.4	1899.8	2001.2	2102.2	2196.4	2281.6	2355.3	2421.1	2478.0	2522.8
47.5°	1877.7	2002.9	2125.1	2241.2	2352.9	2457.7	2549.9	2634.0	2715.9	2782.8	2835.6
45°	2082.6	2223.0	2357.8	2490.5	2613.7	2731.1	2844.8	2949.4	3033.6	3107.2	3169.1
42.5°	2289.9	2446.6	2597.5	2742.4	2877.7	3013.5	3141.5	3255.8	3351.8	3435.6	3505.9
40°	2500.0	2671.5	2837.8	2995.7	3150.5	3298.5	3436.9	3557.5	3665.7	3765.2	3848.1
37.5°	2709.0	2897.8	3082.0	3258.9	3429.2	3589.6	3739.2	3875.5	3997.6	4110.9	4202.9
35°	2919.0	3126.1	3327.7	3522.3	3708.4	3885.4	4049.2	4204.3	4348.2	4462.9	4557.0
32.5°	3128.1	3350.7	3570.2	3784.4	3988.2	4178.9	4356.4	4527.8	4675.8	4801.9	4910.2
30°	3330.5	3571.6	3810.6	4043.0	4263.0	4469.7	4666.2	4847.4	5006.6	5144.6	5266.0
27.5°	3529.1	3788.2	4044.5	4292.7	4530.7	4755.3	4969.8	5166.3	5339.9	5489.9	5617.9
25°	3716.8	3995.2	4268.5	4531.7	4785.9	5033.7	5265.2	5479.6	5665.1	5829.8	5961.3
22.5°	3896.1	4193.0	4480.2	4757.1	5028.9	5296.0	5549.4	5773.4	5970.0	6142.1	6287.7
20°	4063.1	4381.3	4675.2	4968.0	5254.3	5539.5	5811.7	6047.9	6256.0	6439.1	6599.6
17.5°	4219.3	4545.7	4855.1	5166.8	5468.6	5767.8	6044.3	6297.5	6522.0	6716.5	6884.6
15°	4351.5	4681.1	5019.0	5351.8	5670.1	5973.0	6249.3	6513.7	6763.0	6973.4	7143.8
12.5°	4458.5	4801.3	5153.8	5507.1	5843.7	6146.2	6435.5	6703.8	6965.6	7201.9	7358.5
10°	4549.7	4902.8	5266.6	5626.9	5968.0	6288.2	6602.6	6886.3	7143.5	7355.1	7530.1
7.5°	4628.6	4992.3	5361.8	5722.7	6062.7	6393.5	6717.1	7018.4	7278.1	7477.5	7633.5
5°	4686.8	5059.1	5435.7	5800.0	6144.7	6476.5	6801.7	7099.2	7352.7	7555.5	7725.7
2.5°	4728.4	5104.2	5483.5	5848.4	6200.6	6533.3	6866.6	7167.5	7413.0	7598.8	7761.8
0°	4755.1	5131.4	5513.7	5887.0	6232.9	6554.6	6912.6	7194.8	7449.7	7634.8	7804.8
-2.5°	4728.4	5104.2	5483.5	5848.4	6200.6	6533.3	6866.6	7167.5	7413.0	7598.8	7761.8
-5°	4686.8	5059.1	5435.7	5800.0	6144.7	6476.5	6801.7	7099.2	7352.7	7555.5	7725.7
-7.5°	4628.6	4992.3	5361.8	5722.7	6062.7	6393.5	6717.1	7018.4	7278.1	7477.5	7633.5
-10°	4549.7	4902.8	5266.6	5626.9	5968.0	6288.2	6602.6	6886.3	7143.5	7355.1	7530.1
-12.5°	4458.5	4801.3	5153.8	5507.1	5843.7	6146.2	6435.5	6703.8	6965.6	7201.9	7358.5
-15°	4351.5	4681.1	5019.0	5351.8	5670.1	5973.0	6249.3	6513.7	6763.0	6973.4	7143.8
-17.5°	4219.3	4545.7	4855.1	5166.8	5468.6	5767.8	6044.3	6297.5	6522.0	6716.5	6884.6
-20°	4063.1	4381.3	4675.2	4968.0	5254.3	5539.5	5811.7	6047.9	6256.0	6439.1	6599.6



REPORT NUMBER: P626991 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-740-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3896.1	4193.0	4480.2	4757.1	5028.9	5296.0	5549.4	5773.4	5970.0	6142.1	6287.7
-25°	3716.8	3995.2	4268.5	4531.7	4785.9	5033.7	5265.2	5479.6	5665.1	5829.8	5961.3
-27.5°	3529.1	3788.2	4044.5	4292.7	4530.7	4755.3	4969.8	5166.3	5339.9	5489.9	5617.9
-30°	3330.5	3571.6	3810.6	4043.0	4263.0	4469.7	4666.2	4847.4	5006.6	5144.6	5266.0
-32.5°	3128.1	3350.7	3570.2	3784.4	3988.2	4178.9	4356.4	4527.8	4675.8	4801.9	4910.2
-35°	2919.0	3126.1	3327.7	3522.3	3708.4	3885.4	4049.2	4204.3	4348.2	4462.9	4557.0
-37.5°	2709.0	2897.8	3082.0	3258.9	3429.2	3589.6	3739.2	3875.5	3997.6	4110.9	4202.9
-40°	2500.0	2671.5	2837.8	2995.7	3150.5	3298.5	3436.9	3557.5	3665.7	3765.2	3848.1
-42.5°	2289.9	2446.6	2597.5	2742.4	2877.7	3013.5	3141.5	3255.8	3351.8	3435.6	3505.9
-45°	2082.6	2223.0	2357.8	2490.5	2613.7	2731.1	2844.8	2949.4	3033.6	3107.2	3169.1
-47.5°	1877.7	2002.9	2125.1	2241.2	2352.9	2457.7	2549.9	2634.0	2715.9	2782.8	2835.6
-50°	1680.4	1790.4	1899.8	2001.2	2102.2	2196.4	2281.6	2355.3	2421.1	2478.0	2522.8
-52.5°	1491.7	1587.8	1682.2	1773.4	1861.3	1943.1	2017.4	2080.9	2137.4	2185.9	2224.5
-55°	1319.3	1398.4	1471.0	1551.2	1628.6	1699.1	1761.2	1815.7	1862.9	1902.4	1935.9
-57.5°	1162.4	1225.7	1288.3	1351.9	1411.9	1468.1	1520.6	1567.0	1606.2	1638.4	1665.4
-60°	1017.3	1066.1	1119.7	1170.8	1217.9	1260.9	1303.7	1340.6	1372.3	1398.6	1419.8
-62.5°	882.3	925.2	965.1	1003.9	1041.8	1079.2	1107.9	1134.1	1157.3	1177.3	1193.2
-65°	752.3	787.4	818.5	847.0	873.2	900.7	923.3	942.2	957.5	970.1	980.2
-67.5°	628.7	656.1	680.1	700.5	720.7	739.7	755.3	768.0	777.9	786.2	792.7
-70°	519.0	539.4	556.6	573.1	589.8	603.2	613.3	620.7	625.4	628.4	630.6
-72.5°	421.5	440.6	456.2	470.7	483.1	492.0	498.4	503.2	506.5	503.2	497.4
-75°	331.7	350.0	367.7	382.7	395.3	401.0	403.8	405.8	406.9	396.0	381.8
-77.5°	254.2	272.9	289.3	304.4	318.0	320.6	320.3	319.6	318.4	303.3	285.0
-80°	178.7	193.6	207.6	221.5	235.2	236.7	235.2	232.3	228.3	213.5	196.7
-82.5°	109.5	118.3	126.6	134.9	143.1	145.2	145.9	145.6	144.4	133.1	120.6
-85°	50.7	54.3	57.6	60.8	63.9	66.8	69.5	72.0	74.3	67.9	60.7
-87.5°	9.9	10.2	10.5	10.7	11.0	11.2	11.4	11.5	11.7	11.1	10.4
-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: P626991 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-740-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°	9.8	9.1	9.1	9.1	9.1	9.1	9.8	10.4	11.1	11.7	11.5
85°	53.2	45.3	42.4	39.4	42.4	45.3	53.2	60.7	67.9	74.3	72.0
82.5°	107.5	93.8	89.5	85.0	89.5	93.8	107.5	120.6	133.1	144.4	145.6
80°	178.9	160.4	153.1	145.7	153.1	160.4	178.9	196.7	213.5	228.3	232.3
77.5°	265.6	245.2	236.5	227.6	236.5	245.2	265.6	285.0	303.3	318.4	319.6
75°	366.7	350.8	341.2	330.8	341.2	350.8	366.7	381.8	396.0	406.9	405.8
72.5°	490.7	482.9	475.9	467.3	475.9	482.9	490.7	497.4	503.2	506.5	503.2
70°	631.3	630.3	631.6	631.2	631.6	630.3	631.3	630.6	628.4	625.4	620.7
67.5°	796.0	796.2	799.6	801.1	799.6	796.2	796.0	792.7	786.2	777.9	768.0
65°	986.5	988.8	988.0	983.2	988.0	988.8	986.5	980.2	970.1	957.5	942.2
62.5°	1204.5	1211.1	1214.7	1213.8	1214.7	1211.1	1204.5	1193.2	1177.3	1157.3	1134.1
60°	1435.6	1445.9	1451.0	1450.5	1451.0	1445.9	1435.6	1419.8	1398.6	1372.3	1340.6
57.5°	1685.6	1698.7	1701.8	1696.3	1701.8	1698.7	1685.6	1665.4	1638.4	1606.2	1567.0
55°	1961.3	1978.1	1984.6	1981.5	1984.6	1978.1	1961.3	1935.9	1902.4	1862.9	1815.7
52.5°	2252.8	2271.0	2277.5	2272.9	2277.5	2271.0	2252.8	2224.5	2185.9	2137.4	2080.9
50°	2555.7	2577.7	2586.6	2582.4	2586.6	2577.7	2555.7	2522.8	2478.0	2421.1	2355.3
47.5°	2877.0	2906.4	2917.8	2910.1	2917.8	2906.4	2877.0	2835.6	2782.8	2715.9	2634.0
45°	3215.3	3245.8	3257.6	3250.0	3257.6	3245.8	3215.3	3169.1	3107.2	3033.6	2949.4
42.5°	3559.6	3599.2	3615.9	3602.0	3615.9	3599.2	3559.6	3505.9	3435.6	3351.8	3255.8
40°	3910.0	3952.9	3972.7	3963.1	3972.7	3952.9	3910.0	3848.1	3765.2	3665.7	3557.5
37.5°	4269.3	4312.0	4333.0	4333.3	4333.0	4312.0	4269.3	4202.9	4110.9	3997.6	3875.5
35°	4630.0	4681.7	4711.0	4709.6	4711.0	4681.7	4630.0	4557.0	4462.9	4348.2	4204.3
32.5°	4995.7	5051.7	5081.7	5085.8	5081.7	5051.7	4995.7	4910.2	4801.9	4675.8	4527.8
30°	5360.8	5422.4	5457.0	5471.2	5457.0	5422.4	5360.8	5266.0	5144.6	5006.6	4847.4
27.5°	5714.9	5790.7	5843.0	5847.5	5843.0	5790.7	5714.9	5617.9	5489.9	5339.9	5166.3
25°	6057.8	6135.0	6188.6	6199.5	6188.6	6135.0	6057.8	5961.3	5829.8	5665.1	5479.6
22.5°	6395.8	6476.4	6525.9	6545.5	6525.9	6476.4	6395.8	6287.7	6142.1	5970.0	5773.4
20°	6718.4	6805.8	6858.3	6879.2	6858.3	6805.8	6718.4	6599.6	6439.1	6256.0	6047.9
17.5°	7010.4	7102.7	7167.5	7185.7	7167.5	7102.7	7010.4	6884.6	6716.5	6522.0	6297.5
15°	7267.2	7354.8	7416.3	7440.6	7416.3	7354.8	7267.2	7143.8	6973.4	6763.0	6513.7
12.5°	7476.3	7554.6	7602.8	7625.7	7602.8	7554.6	7476.3	7358.5	7201.9	6965.6	6703.8
10°	7639.6	7718.2	7764.2	7795.7	7764.2	7718.2	7639.6	7530.1	7355.1	7143.5	6886.3
7.5°	7781.4	7861.9	7918.3	7962.6	7918.3	7861.9	7781.4	7633.5	7477.5	7278.1	7018.4
5°	7859.7	7994.2	8014.4	8044.5	8014.4	7994.2	7859.7	7725.7	7555.5	7352.7	7099.2
2.5°	7919.4	8014.8	8072.1	8065.7	8072.1	8014.8	7919.4	7761.8	7598.8	7413.0	7167.5
0°	7962.6	8047.5	8068.8	8096.1	8068.8	8047.5	7962.6	7804.8	7634.8	7449.7	7194.8
-2.5°	7919.4	8014.8	8072.1	8065.7	8072.1	8014.8	7919.4	7761.8	7598.8	7413.0	7167.5
-5°	7859.7	7994.2	8014.4	8044.5	8014.4	7994.2	7859.7	7725.7	7555.5	7352.7	7099.2
-7.5°	7781.4	7861.9	7918.3	7962.6	7918.3	7861.9	7781.4	7633.5	7477.5	7278.1	7018.4
-10°	7639.6	7718.2	7764.2	7795.7	7764.2	7718.2	7639.6	7530.1	7355.1	7143.5	6886.3
-12.5°	7476.3	7554.6	7602.8	7625.7	7602.8	7554.6	7476.3	7358.5	7201.9	6965.6	6703.8
-15°	7267.2	7354.8	7416.3	7440.6	7416.3	7354.8	7267.2	7143.8	6973.4	6763.0	6513.7
-17.5°	7010.4	7102.7	7167.5	7185.7	7167.5	7102.7	7010.4	6884.6	6716.5	6522.0	6297.5
-20°	6718.4	6805.8	6858.3	6879.2	6858.3	6805.8	6718.4	6599.6	6439.1	6256.0	6047.9



REPORT NUMBER: P626991 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-740-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°	6395.8	6476.4	6525.9	6545.5	6525.9	6476.4	6395.8	6287.7	6142.1	5970.0	5773.4
-25°	6057.8	6135.0	6188.6	6199.5	6188.6	6135.0	6057.8	5961.3	5829.8	5665.1	5479.6
-27.5°	5714.9	5790.7	5843.0	5847.5	5843.0	5790.7	5714.9	5617.9	5489.9	5339.9	5166.3
-30°	5360.8	5422.4	5457.0	5471.2	5457.0	5422.4	5360.8	5266.0	5144.6	5006.6	4847.4
-32.5°	4995.7	5051.7	5081.7	5085.8	5081.7	5051.7	4995.7	4910.2	4801.9	4675.8	4527.8
-35°	4630.0	4681.7	4711.0	4709.6	4711.0	4681.7	4630.0	4557.0	4462.9	4348.2	4204.3
-37.5°	4269.3	4312.0	4333.0	4333.3	4333.0	4312.0	4269.3	4202.9	4110.9	3997.6	3875.5
-40°	3910.0	3952.9	3972.7	3963.1	3972.7	3952.9	3910.0	3848.1	3765.2	3665.7	3557.5
-42.5°	3559.6	3599.2	3615.9	3602.0	3615.9	3599.2	3559.6	3505.9	3435.6	3351.8	3255.8
-45°	3215.3	3245.8	3257.6	3250.0	3257.6	3245.8	3215.3	3169.1	3107.2	3033.6	2949.4
-47.5°	2877.0	2906.4	2917.8	2910.1	2917.8	2906.4	2877.0	2835.6	2782.8	2715.9	2634.0
-50°	2555.7	2577.7	2586.6	2582.4	2586.6	2577.7	2555.7	2522.8	2478.0	2421.1	2355.3
-52.5°	2252.8	2271.0	2277.5	2272.9	2277.5	2271.0	2252.8	2224.5	2185.9	2137.4	2080.9
-55°	1961.3	1978.1	1984.6	1981.5	1984.6	1978.1	1961.3	1935.9	1902.4	1862.9	1815.7
-57.5°	1685.6	1698.7	1701.8	1696.3	1701.8	1698.7	1685.6	1665.4	1638.4	1606.2	1567.0
-60°	1435.6	1445.9	1451.0	1450.5	1451.0	1445.9	1435.6	1419.8	1398.6	1372.3	1340.6
-62.5°	1204.5	1211.1	1214.7	1213.8	1214.7	1211.1	1204.5	1193.2	1177.3	1157.3	1134.1
-65°	986.5	988.8	988.0	983.2	988.0	988.8	986.5	980.2	970.1	957.5	942.2
-67.5°	796.0	796.2	799.6	801.1	799.6	796.2	796.0	792.7	786.2	777.9	768.0
-70°	631.3	630.3	631.6	631.2	631.6	630.3	631.3	630.6	628.4	625.4	620.7
-72.5°	490.7	482.9	475.9	467.3	475.9	482.9	490.7	497.4	503.2	506.5	503.2
-75°	366.7	350.8	341.2	330.8	341.2	350.8	366.7	381.8	396.0	406.9	405.8
-77.5°	265.6	245.2	236.5	227.6	236.5	245.2	265.6	285.0	303.3	318.4	319.6
-80°	178.9	160.4	153.1	145.7	153.1	160.4	178.9	196.7	213.5	228.3	232.3
-82.5°	107.5	93.8	89.5	85.0	89.5	93.8	107.5	120.6	133.1	144.4	145.6
-85°	53.2	45.3	42.4	39.4	42.4	45.3	53.2	60.7	67.9	74.3	72.0
-87.5°	9.8	9.1	9.1	9.1	9.1	9.1	9.8	10.4	11.1	11.7	11.5
-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: P626991 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-740-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°	11.4	11.2	11.0	10.7	10.5	10.2	9.9	9.6	9.3	8.9	8.6
85°	69.5	66.8	63.9	60.8	57.6	54.3	50.7	44.4	38.6	33.2	28.6
82.5°	145.9	145.2	143.1	134.9	126.6	118.3	109.5	96.4	83.5	71.0	60.1
80°	235.2	236.7	235.2	221.5	207.6	193.6	178.7	159.6	140.2	121.8	108.0
77.5°	320.3	320.6	318.0	304.4	289.3	272.9	254.2	231.2	208.1	184.9	167.1
75°	403.8	401.0	395.3	382.7	367.7	350.0	331.7	311.5	287.9	260.7	237.5
72.5°	498.4	492.0	483.1	470.7	456.2	440.6	421.5	399.2	374.5	347.4	322.8
70°	613.3	603.2	589.8	573.1	556.6	539.4	519.0	494.4	465.6	435.7	408.3
67.5°	755.3	739.7	720.7	700.5	680.1	656.1	628.7	598.7	569.0	535.7	498.2
65°	923.3	900.7	873.2	847.0	818.5	787.4	752.3	717.5	681.1	641.2	593.6
62.5°	1107.9	1079.2	1041.8	1003.9	965.1	925.2	882.3	839.5	796.1	749.1	695.5
60°	1303.7	1260.9	1217.9	1170.8	1119.7	1066.1	1017.3	965.4	910.5	857.3	798.5
57.5°	1520.6	1468.1	1411.9	1351.9	1288.3	1225.7	1162.4	1097.1	1035.0	970.2	903.7
55°	1761.2	1699.1	1628.6	1551.2	1471.0	1398.4	1319.3	1240.0	1165.2	1086.6	1013.3
52.5°	2017.4	1943.1	1861.3	1773.4	1682.2	1587.8	1491.7	1400.6	1303.3	1214.2	1125.7
50°	2281.6	2196.4	2102.2	2001.2	1899.8	1790.4	1680.4	1570.9	1460.6	1351.4	1245.3
47.5°	2549.9	2457.7	2352.9	2241.2	2125.1	2002.9	1877.7	1746.1	1624.0	1497.4	1376.8
45°	2844.8	2731.1	2613.7	2490.5	2357.8	2223.0	2082.6	1938.5	1791.7	1652.4	1511.0
42.5°	3141.5	3013.5	2877.7	2742.4	2597.5	2446.6	2289.9	2131.2	1969.8	1809.2	1654.7
40°	3436.9	3298.5	3150.5	2995.7	2837.8	2671.5	2500.0	2323.4	2148.2	1971.5	1796.8
37.5°	3739.2	3589.6	3429.2	3258.9	3082.0	2897.8	2709.0	2517.8	2324.6	2134.5	1945.0
35°	4049.2	3885.4	3708.4	3522.3	3327.7	3126.1	2919.0	2709.6	2501.7	2296.1	2090.8
32.5°	4356.4	4178.9	3988.2	3784.4	3570.2	3350.7	3128.1	2902.0	2674.5	2454.9	2236.2
30°	4666.2	4469.7	4263.0	4043.0	3810.6	3571.6	3330.5	3091.0	2848.5	2606.8	2375.5
27.5°	4969.8	4755.3	4530.7	4292.7	4044.5	3788.2	3529.1	3273.4	3014.8	2757.9	2508.5
25°	5265.2	5033.7	4785.9	4531.7	4268.5	3995.2	3716.8	3446.3	3176.2	2901.3	2627.7
22.5°	5549.4	5296.0	5028.9	4757.1	4480.2	4193.0	3896.1	3604.6	3325.1	3029.9	2744.1
20°	5811.7	5539.5	5254.3	4968.0	4675.2	4381.3	4063.1	3753.0	3452.5	3149.4	2849.5
17.5°	6044.3	5767.8	5468.6	5166.8	4855.1	4545.7	4219.3	3888.1	3569.7	3255.5	2942.3
15°	6249.3	5973.0	5670.1	5351.8	5019.0	4681.1	4351.5	4007.6	3676.5	3349.3	3028.1
12.5°	6435.5	6146.2	5843.7	5507.1	5153.8	4801.3	4458.5	4112.2	3771.5	3435.2	3105.2
10°	6602.6	6288.2	5968.0	5626.9	5266.6	4902.8	4549.7	4200.2	3852.3	3508.7	3168.8
7.5°	6717.1	6393.5	6062.7	5722.7	5361.8	4992.3	4628.6	4270.8	3915.4	3567.2	3218.4
5°	6801.7	6476.5	6144.7	5800.0	5435.7	5059.1	4686.8	4322.1	3960.2	3610.1	3253.8
2.5°	6866.6	6533.3	6200.6	5848.4	5483.5	5104.2	4728.4	4360.6	3995.8	3641.5	3285.1
0°	6912.6	6554.6	6232.9	5887.0	5513.7	5131.4	4755.1	4384.9	4017.7	3656.6	3301.6
-2.5°	6866.6	6533.3	6200.6	5848.4	5483.5	5104.2	4728.4	4360.6	3995.8	3641.5	3285.1
-5°	6801.7	6476.5	6144.7	5800.0	5435.7	5059.1	4686.8	4322.1	3960.2	3610.1	3253.8
-7.5°	6717.1	6393.5	6062.7	5722.7	5361.8	4992.3	4628.6	4270.8	3915.4	3567.2	3218.4
-10°	6602.6	6288.2	5968.0	5626.9	5266.6	4902.8	4549.7	4200.2	3852.3	3508.7	3168.8
-12.5°	6435.5	6146.2	5843.7	5507.1	5153.8	4801.3	4458.5	4112.2	3771.5	3435.2	3105.2
-15°	6249.3	5973.0	5670.1	5351.8	5019.0	4681.1	4351.5	4007.6	3676.5	3349.3	3028.1
-17.5°	6044.3	5767.8	5468.6	5166.8	4855.1	4545.7	4219.3	3888.1	3569.7	3255.5	2942.3
-20°	5811.7	5539.5	5254.3	4968.0	4675.2	4381.3	4063.1	3753.0	3452.5	3149.4	2849.5



REPORT NUMBER: P626991 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-740-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5549.4	5296.0	5028.9	4757.1	4480.2	4193.0	3896.1	3604.6	3325.1	3029.9	2744.1
-25°	5265.2	5033.7	4785.9	4531.7	4268.5	3995.2	3716.8	3446.3	3176.2	2901.3	2627.7
-27.5°	4969.8	4755.3	4530.7	4292.7	4044.5	3788.2	3529.1	3273.4	3014.8	2757.9	2508.5
-30°	4666.2	4469.7	4263.0	4043.0	3810.6	3571.6	3330.5	3091.0	2848.5	2606.8	2375.5
-32.5°	4356.4	4178.9	3988.2	3784.4	3570.2	3350.7	3128.1	2902.0	2674.5	2454.9	2236.2
-35°	4049.2	3885.4	3708.4	3522.3	3327.7	3126.1	2919.0	2709.6	2501.7	2296.1	2090.8
-37.5°	3739.2	3589.6	3429.2	3258.9	3082.0	2897.8	2709.0	2517.8	2324.6	2134.5	1945.0
-40°	3436.9	3298.5	3150.5	2995.7	2837.8	2671.5	2500.0	2323.4	2148.2	1971.5	1796.8
-42.5°	3141.5	3013.5	2877.7	2742.4	2597.5	2446.6	2289.9	2131.2	1969.8	1809.2	1654.7
-45°	2844.8	2731.1	2613.7	2490.5	2357.8	2223.0	2082.6	1938.5	1791.7	1652.4	1511.0
-47.5°	2549.9	2457.7	2352.9	2241.2	2125.1	2002.9	1877.7	1746.1	1624.0	1497.4	1376.8
-50°	2281.6	2196.4	2102.2	2001.2	1899.8	1790.4	1680.4	1570.9	1460.6	1351.4	1245.3
-52.5°	2017.4	1943.1	1861.3	1773.4	1682.2	1587.8	1491.7	1400.6	1303.3	1214.2	1125.7
-55°	1761.2	1699.1	1628.6	1551.2	1471.0	1398.4	1319.3	1240.0	1165.2	1086.6	1013.3
-57.5°	1520.6	1468.1	1411.9	1351.9	1288.3	1225.7	1162.4	1097.1	1035.0	970.2	903.7
-60°	1303.7	1260.9	1217.9	1170.8	1119.7	1066.1	1017.3	965.4	910.5	857.3	798.5
-62.5°	1107.9	1079.2	1041.8	1003.9	965.1	925.2	882.3	839.5	796.1	749.1	695.5
-65°	923.3	900.7	873.2	847.0	818.5	787.4	752.3	717.5	681.1	641.2	593.6
-67.5°	755.3	739.7	720.7	700.5	680.1	656.1	628.7	598.7	569.0	535.7	498.2
-70°	613.3	603.2	589.8	573.1	556.6	539.4	519.0	494.4	465.6	435.7	408.3
-72.5°	498.4	492.0	483.1	470.7	456.2	440.6	421.5	399.2	374.5	347.4	322.8
-75°	403.8	401.0	395.3	382.7	367.7	350.0	331.7	311.5	287.9	260.7	237.5
-77.5°	320.3	320.6	318.0	304.4	289.3	272.9	254.2	231.2	208.1	184.9	167.1
-80°	235.2	236.7	235.2	221.5	207.6	193.6	178.7	159.6	140.2	121.8	108.0
-82.5°	145.9	145.2	143.1	134.9	126.6	118.3	109.5	96.4	83.5	71.0	60.1
-85°	69.5	66.8	63.9	60.8	57.6	54.3	50.7	44.4	38.6	33.2	28.6
-87.5°	11.4	11.2	11.0	10.7	10.5	10.2	9.9	9.6	9.3	8.9	8.6
-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: P626991 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-740-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°	8.7	8.8	8.8	8.7	7.7	6.8	5.9	5.1	4.6	4.1	3.6
85°	28.7	28.0	26.5	24.0	18.9	13.6	11.9	10.2	9.3	8.3	7.3
82.5°	59.9	60.5	60.5	58.7	51.8	44.5	36.9	29.0	21.5	13.6	10.9
80°	108.2	107.0	104.5	99.6	88.2	75.4	65.8	55.8	46.0	35.8	25.1
77.5°	163.6	158.9	153.2	146.7	134.7	120.6	104.3	85.9	70.4	57.8	44.7
75°	225.5	218.0	210.0	199.2	183.8	166.1	148.2	126.8	102.9	80.5	64.1
72.5°	303.1	285.1	269.0	253.9	237.1	217.3	194.6	166.9	138.0	110.6	85.0
70°	381.8	354.7	330.6	310.0	289.8	269.1	244.1	210.0	172.4	140.2	110.0
67.5°	461.6	429.7	397.4	366.5	341.0	316.6	292.5	252.9	209.7	169.1	134.4
65°	549.7	507.1	466.1	427.9	393.3	362.9	334.6	293.0	246.0	200.3	158.2
62.5°	640.5	586.1	537.6	488.9	445.8	408.8	374.7	328.9	280.6	230.4	183.0
60°	735.9	673.9	609.4	552.6	499.8	453.0	411.7	364.3	313.1	259.4	207.6
57.5°	836.4	763.5	691.1	619.2	555.9	499.7	447.8	397.8	344.9	288.1	230.5
55°	938.2	859.8	774.0	693.0	615.3	548.4	485.9	430.1	375.7	316.2	250.4
52.5°	1040.1	954.0	862.0	768.4	681.3	597.7	527.9	461.5	404.1	343.7	271.0
50°	1146.7	1047.9	949.4	848.3	747.0	655.4	568.3	497.4	431.6	369.8	290.6
47.5°	1257.7	1147.6	1037.9	927.5	818.9	710.6	615.6	532.7	458.2	393.5	308.8
45°	1379.3	1250.6	1129.2	1009.7	887.0	770.3	663.5	566.4	488.3	411.9	325.6
42.5°	1500.8	1359.3	1223.6	1090.8	958.2	829.6	708.8	606.1	517.1	429.5	341.0
40°	1630.1	1468.4	1318.0	1173.8	1027.8	886.0	759.1	644.8	544.1	447.8	355.7
37.5°	1755.8	1580.2	1414.9	1253.1	1095.9	946.8	807.4	681.0	569.7	468.4	369.5
35°	1888.9	1692.5	1504.5	1332.9	1166.1	1004.6	852.6	717.6	599.2	488.4	382.6
32.5°	2017.4	1802.4	1600.7	1411.7	1233.1	1059.0	899.1	756.3	627.6	507.8	394.8
30°	2143.7	1912.6	1692.9	1486.1	1298.0	1116.1	945.8	792.5	654.7	526.6	407.0
27.5°	2260.2	2014.7	1781.3	1563.1	1361.8	1170.3	989.9	826.0	680.4	545.8	421.2
25°	2368.7	2113.0	1868.4	1637.2	1421.0	1221.6	1030.5	857.1	706.6	566.0	434.4
22.5°	2470.4	2204.2	1947.4	1705.4	1475.8	1268.8	1070.0	890.2	731.3	584.5	446.5
20°	2562.9	2286.3	2018.1	1767.2	1529.2	1313.7	1108.1	919.8	753.5	601.3	457.3
17.5°	2646.3	2361.4	2085.6	1825.0	1578.8	1353.5	1141.9	946.0	772.9	616.3	466.9
15°	2723.7	2429.7	2145.2	1875.5	1621.8	1388.2	1171.4	968.5	789.6	629.4	476.0
12.5°	2790.2	2488.2	2195.8	1918.3	1658.0	1417.6	1196.3	987.4	803.4	641.2	484.6
10°	2844.9	2536.6	2237.2	1953.4	1687.3	1441.6	1216.5	1003.3	816.4	651.3	491.2
7.5°	2887.6	2574.5	2269.0	1980.4	1710.6	1461.6	1233.7	1017.1	826.9	659.1	495.8
5°	2919.9	2604.1	2296.7	2003.1	1732.0	1477.8	1246.2	1026.9	834.4	664.5	498.4
2.5°	2948.5	2626.3	2318.5	2017.7	1746.5	1488.3	1253.8	1032.8	839.0	667.4	499.1
0°	2964.7	2637.0	2330.5	2024.0	1754.0	1493.0	1256.3	1034.8	840.6	667.6	497.7
-2.5°	2948.5	2626.3	2318.5	2017.7	1746.5	1488.3	1253.8	1032.8	839.0	667.4	499.1
-5°	2919.9	2604.1	2296.7	2003.1	1732.0	1477.8	1246.2	1026.9	834.4	664.5	498.4
-7.5°	2887.6	2574.5	2269.0	1980.4	1710.6	1461.6	1233.7	1017.1	826.9	659.1	495.8
-10°	2844.9	2536.6	2237.2	1953.4	1687.3	1441.6	1216.5	1003.3	816.4	651.3	491.2
-12.5°	2790.2	2488.2	2195.8	1918.3	1658.0	1417.6	1196.3	987.4	803.4	641.2	484.6
-15°	2723.7	2429.7	2145.2	1875.5	1621.8	1388.2	1171.4	968.5	789.6	629.4	476.0
-17.5°	2646.3	2361.4	2085.6	1825.0	1578.8	1353.5	1141.9	946.0	772.9	616.3	466.9
-20°	2562.9	2286.3	2018.1	1767.2	1529.2	1313.7	1108.1	919.8	753.5	601.3	457.3



REPORT NUMBER: P626991 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-740-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°	2470.4	2204.2	1947.4	1705.4	1475.8	1268.8	1070.0	890.2	731.3	584.5	446.5
-25°	2368.7	2113.0	1868.4	1637.2	1421.0	1221.6	1030.5	857.1	706.6	566.0	434.4
-27.5°	2260.2	2014.7	1781.3	1563.1	1361.8	1170.3	989.9	826.0	680.4	545.8	421.2
-30°	2143.7	1912.6	1692.9	1486.1	1298.0	1116.1	945.8	792.5	654.7	526.6	407.0
-32.5°	2017.4	1802.4	1600.7	1411.7	1233.1	1059.0	899.1	756.3	627.6	507.8	394.8
-35°	1888.9	1692.5	1504.5	1332.9	1166.1	1004.6	852.6	717.6	599.2	488.4	382.6
-37.5°	1755.8	1580.2	1414.9	1253.1	1095.9	946.8	807.4	681.0	569.7	468.4	369.5
-40°	1630.1	1468.4	1318.0	1173.8	1027.8	886.0	759.1	644.8	544.1	447.8	355.7
-42.5°	1500.8	1359.3	1223.6	1090.8	958.2	829.6	708.8	606.1	517.1	429.5	341.0
-45°	1379.3	1250.6	1129.2	1009.7	887.0	770.3	663.5	566.4	488.3	411.9	325.6
-47.5°	1257.7	1147.6	1037.9	927.5	818.9	710.6	615.6	532.7	458.2	393.5	308.8
-50°	1146.7	1047.9	949.4	848.3	747.0	655.4	568.3	497.4	431.6	369.8	290.6
-52.5°	1040.1	954.0	862.0	768.4	681.3	597.7	527.9	461.5	404.1	343.7	271.0
-55°	938.2	859.8	774.0	693.0	615.3	548.4	485.9	430.1	375.7	316.2	250.4
-57.5°	836.4	763.5	691.1	619.2	555.9	499.7	447.8	397.8	344.9	288.1	230.5
-60°	735.9	673.9	609.4	552.6	499.8	453.0	411.7	364.3	313.1	259.4	207.6
-62.5°	640.5	586.1	537.6	488.9	445.8	408.8	374.7	328.9	280.6	230.4	183.0
-65°	549.7	507.1	466.1	427.9	393.3	362.9	334.6	293.0	246.0	200.3	158.2
-67.5°	461.6	429.7	397.4	366.5	341.0	316.6	292.5	252.9	209.7	169.1	134.4
-70°	381.8	354.7	330.6	310.0	289.8	269.1	244.1	210.0	172.4	140.2	110.0
-72.5°	303.1	285.1	269.0	253.9	237.1	217.3	194.6	166.9	138.0	110.6	85.0
-75°	225.5	218.0	210.0	199.2	183.8	166.1	148.2	126.8	102.9	80.5	64.1
-77.5°	163.6	158.9	153.2	146.7	134.7	120.6	104.3	85.9	70.4	57.8	44.7
-80°	108.2	107.0	104.5	99.6	88.2	75.4	65.8	55.8	46.0	35.8	25.1
-82.5°	59.9	60.5	60.5	58.7	51.8	44.5	36.9	29.0	21.5	13.6	10.9
-85°	28.7	28.0	26.5	24.0	18.9	13.6	11.9	10.2	9.3	8.3	7.3
-87.5°	8.7	8.8	8.8	8.7	7.7	6.8	5.9	5.1	4.6	4.1	3.6
-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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REPORT NUMBER: P626991 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-740-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°	3.1	2.6	2.1	1.6	1.1	0.5	0.0
85°	6.3	5.2	4.2	3.2	2.1	0.9	0.0
82.5°	9.4	7.8	6.3	4.7	3.1	1.4	0.0
80°	14.1	10.4	8.4	6.3	4.2	1.8	0.0
77.5°	30.8	16.4	10.4	7.8	5.2	2.3	0.0
75°	47.1	28.3	13.6	9.4	6.2	2.7	0.0
72.5°	62.8	40.0	21.7	10.9	7.2	3.2	0.0
70°	78.6	51.2	29.5	13.0	8.1	3.6	0.0
67.5°	97.5	62.0	37.0	17.9	9.1	4.0	0.0
65°	115.6	74.0	44.2	22.5	10.0	4.4	0.0
62.5°	132.8	87.2	51.0	27.0	10.9	4.8	0.0
60°	148.9	99.6	57.4	31.2	11.7	5.2	0.0
57.5°	166.0	111.3	66.0	35.1	14.1	5.6	0.0
55°	182.1	122.2	74.1	38.8	16.4	5.9	0.0
52.5°	197.0	132.6	81.7	42.2	18.6	6.3	0.0
50°	210.7	143.5	88.6	45.3	20.7	6.6	0.0
47.5°	223.5	153.6	95.0	48.6	22.7	6.9	0.0
45°	237.8	162.6	100.7	52.8	24.7	7.2	0.0
42.5°	250.9	170.6	105.8	56.6	26.5	7.5	0.0
40°	262.8	177.7	110.8	60.5	28.2	7.7	0.0
37.5°	273.4	183.6	115.9	64.4	29.8	7.9	0.0
35°	282.8	190.6	120.2	68.0	31.3	8.2	0.0
32.5°	291.5	197.5	123.8	71.3	32.7	8.4	0.0
30°	300.5	203.5	126.7	74.3	33.9	8.5	0.0
27.5°	308.6	208.4	131.0	77.1	35.0	8.7	0.0
25°	315.7	212.3	135.1	79.5	36.0	8.8	0.0
22.5°	321.8	216.2	138.7	81.7	36.9	8.9	0.0
20°	326.9	221.6	141.8	83.6	37.7	9.0	0.0
17.5°	333.2	226.0	144.4	85.2	38.3	9.1	0.0
15°	339.7	229.4	146.5	86.4	38.9	9.2	0.0
12.5°	345.0	231.8	148.1	87.4	39.3	9.2	0.0
10°	349.1	233.4	149.2	88.1	39.5	9.2	0.0
7.5°	351.8	234.0	149.8	88.5	39.7	9.2	0.0
5°	353.3	233.7	149.9	88.6	39.7	9.2	0.0
2.5°	353.3	232.6	149.5	88.5	39.6	9.2	0.0
0°	352.0	230.6	148.7	88.0	39.4	9.1	0.0
-2.5°	353.3	232.6	149.5	88.5	39.6	9.2	0.0
-5°	353.3	233.7	149.9	88.6	39.7	9.2	0.0
-7.5°	351.8	234.0	149.8	88.5	39.7	9.2	0.0
-10°	349.1	233.4	149.2	88.1	39.5	9.2	0.0
-12.5°	345.0	231.8	148.1	87.4	39.3	9.2	0.0
-15°	339.7	229.4	146.5	86.4	38.9	9.2	0.0
-17.5°	333.2	226.0	144.4	85.2	38.3	9.1	0.0
-20°	326.9	221.6	141.8	83.6	37.7	9.0	0.0

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REPORT NUMBER: P626991 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-740-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	321.8	216.2	138.7	81.7	36.9	8.9	0.0
-25°	315.7	212.3	135.1	79.5	36.0	8.8	0.0
-27.5°	308.6	208.4	131.0	77.1	35.0	8.7	0.0
-30°	300.5	203.5	126.7	74.3	33.9	8.5	0.0
-32.5°	291.5	197.5	123.8	71.3	32.7	8.4	0.0
-35°	282.8	190.6	120.2	68.0	31.3	8.2	0.0
-37.5°	273.4	183.6	115.9	64.4	29.8	7.9	0.0
-40°	262.8	177.7	110.8	60.5	28.2	7.7	0.0
-42.5°	250.9	170.6	105.8	56.6	26.5	7.5	0.0
-45°	237.8	162.6	100.7	52.8	24.7	7.2	0.0
-47.5°	223.5	153.6	95.0	48.6	22.7	6.9	0.0
-50°	210.7	143.5	88.6	45.3	20.7	6.6	0.0
-52.5°	197.0	132.6	81.7	42.2	18.6	6.3	0.0
-55°	182.1	122.2	74.1	38.8	16.4	5.9	0.0
-57.5°	166.0	111.3	66.0	35.1	14.1	5.6	0.0
-60°	148.9	99.6	57.4	31.2	11.7	5.2	0.0
-62.5°	132.8	87.2	51.0	27.0	10.9	4.8	0.0
-65°	115.6	74.0	44.2	22.5	10.0	4.4	0.0
-67.5°	97.5	62.0	37.0	17.9	9.1	4.0	0.0
-70°	78.6	51.2	29.5	13.0	8.1	3.6	0.0
-72.5°	62.8	40.0	21.7	10.9	7.2	3.2	0.0
-75°	47.1	28.3	13.6	9.4	6.2	2.7	0.0
-77.5°	30.8	16.4	10.4	7.8	5.2	2.3	0.0
-80°	14.1	10.4	8.4	6.3	4.2	1.8	0.0
-82.5°	9.4	7.8	6.3	4.7	3.1	1.4	0.0
-85°	6.3	5.2	4.2	3.2	2.1	0.9	0.0
-87.5°	3.1	2.6	2.1	1.6	1.1	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)