

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: P627001 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2D-750-U-VWR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627001 (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-750-U-VWR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N59  
Light Source: (32) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

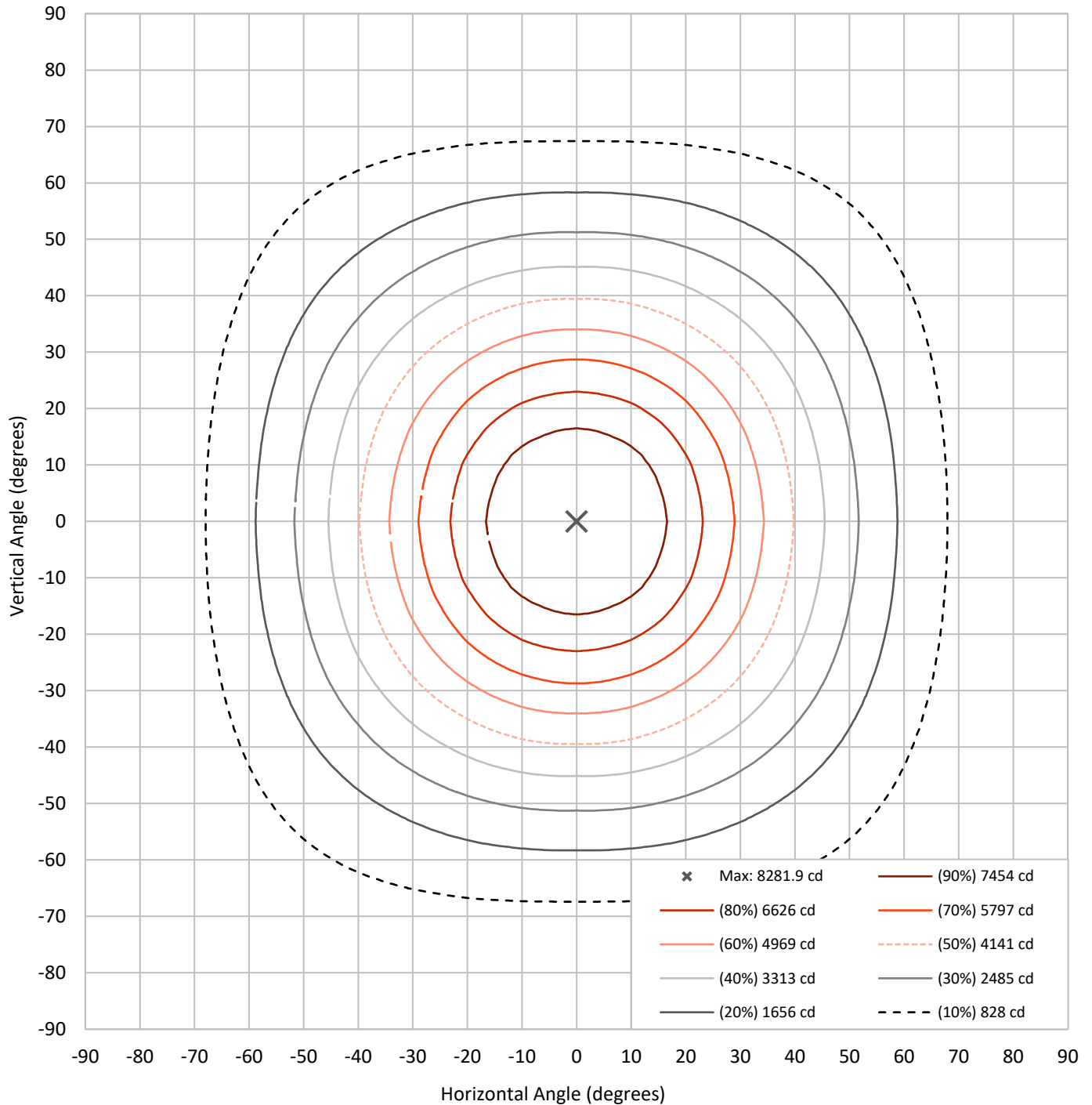
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	14968.7 lumens	Max Intensity:	8281.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	137.7 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:	8779.2 lumens	Field Lumens:	14270.1 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





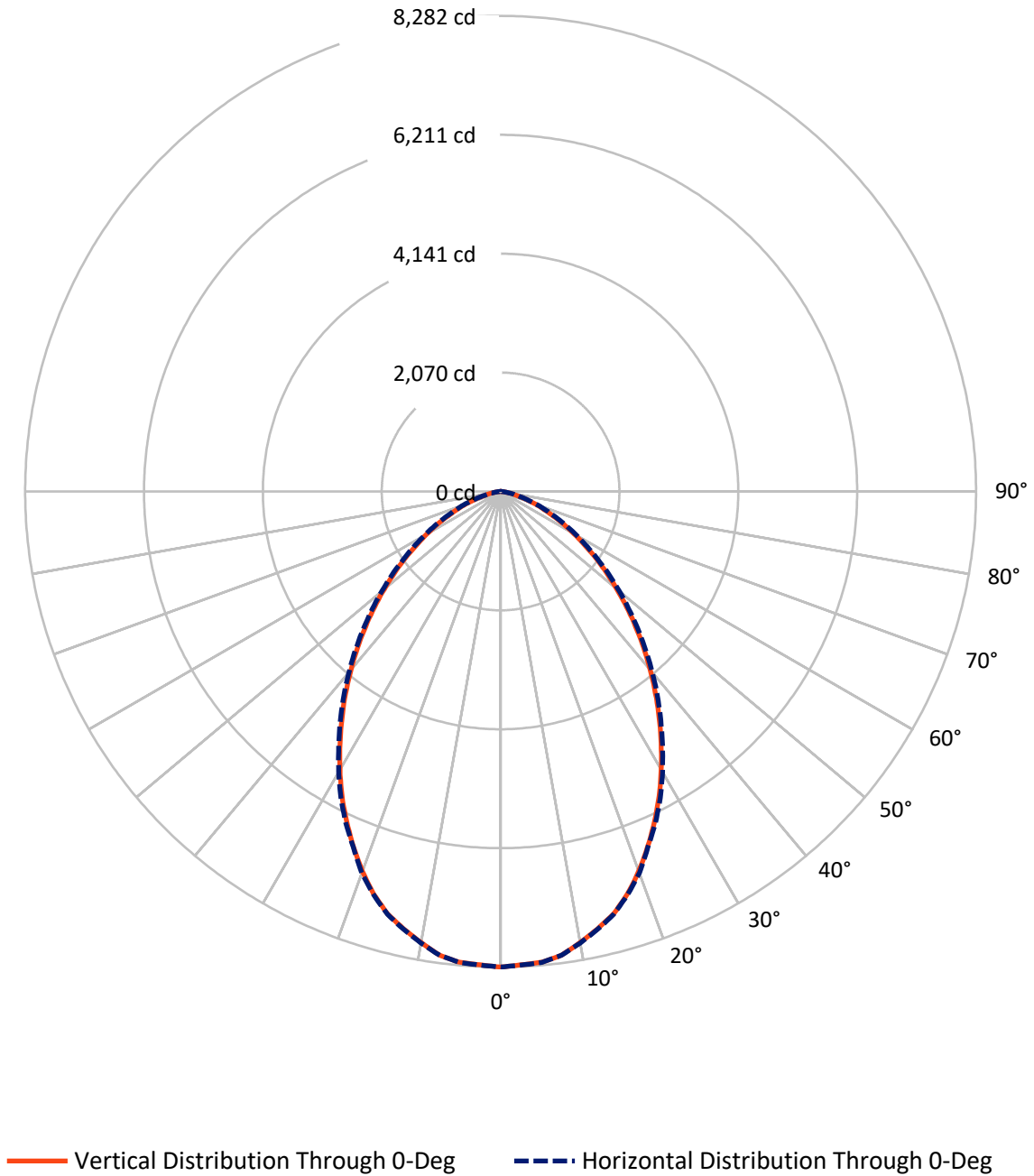
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### Lumen Table

90																			
80	0.5	6.1	16.7	28.3	26.7	28.3	16.7	6.1	0.5										
70																			
60	2.8	3.8	7.8	13.2	19.3	24.9	29.2	31.2	31.2	29.2	24.9	19.3	13.2	7.8	3.8				2.8
50																			
40	4.9	5.8	12.6	22.5	34.0	46.2	56.2	61.5	61.5	56.2	46.2	34.0	22.5	12.6	5.8				4.9
30																			
20	6.3	7.7	18.2	33.6	53.2	73.8	91.0	100.4	100.4	91.0	73.8	53.2	33.6	18.2	7.7				6.3
10																			
0	6.8	9.8	24.1	46.3	74.5	104.5	130.1	144.6	144.6	130.1	104.5	74.5	46.3	24.1	9.8				6.8
-10																			
-20	6.3	11.7	29.7	58.2	94.9	134.7	169.4	189.4	189.4	169.4	134.7	94.9	58.2	29.7	11.7				6.3
-30																			
-40	4.9	13.2	34.0	67.1	110.8	159.2	201.9	226.2	226.2	201.9	159.2	110.8	67.1	34.0	13.2				4.9
-50																			
-60	2.8	14.0	36.3	72.1	119.6	172.8	219.5	245.0	245.0	219.5	172.8	119.6	72.1	36.3	14.0				2.8
-70																			
-80	0.5	14.0	36.3	72.1	119.6	172.8	219.5	245.0	245.0	219.5	172.8	119.6	72.1	36.3	14.0				0.5
-90																			

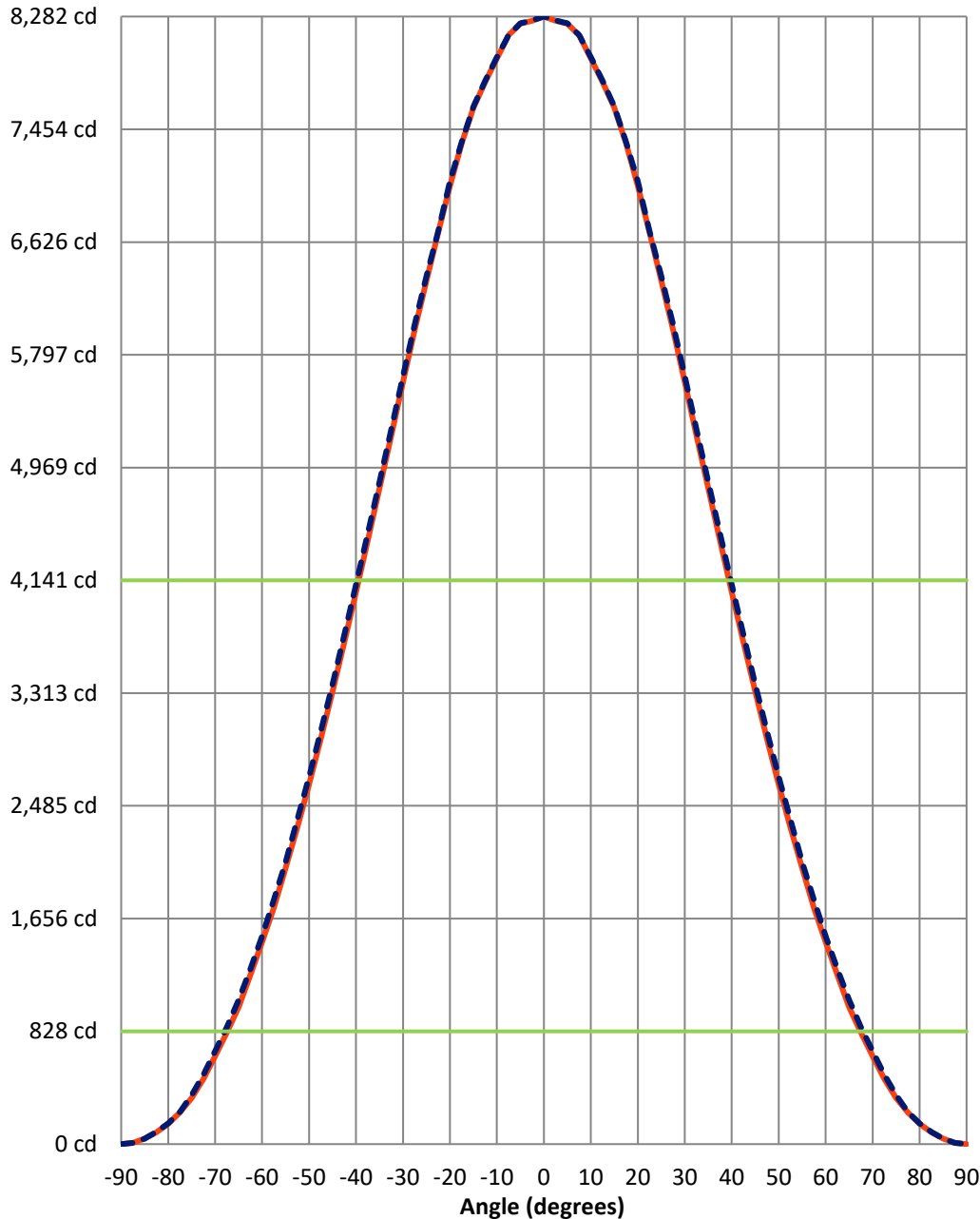
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 79.6°  
 V Angle: 78.9°  
 Lumens: 8779.2  
 Efficiency: 58.7%

**Field:**  
 H Angle: 135.9°  
 V Angle: 134.8°  
 Lumens: 14270.1  
 Efficiency: 95.3%

**Spill:**  
 Lumens: 698.6  
 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	2.2	2.7	3.2	3.7	4.2	4.7	5.2
85°	0.0	0.9	2.2	3.2	4.3	5.4	6.4	7.4	8.5	9.5	10.5
82.5°	0.0	1.4	3.2	4.8	6.4	8.0	9.6	11.2	14.0	22.0	29.7
80°	0.0	1.9	4.3	6.4	8.6	10.7	14.5	25.7	36.6	47.0	57.0
77.5°	0.0	2.3	5.3	8.0	10.7	16.8	31.5	45.7	59.1	71.9	87.9
75°	0.0	2.8	6.4	9.6	13.9	29.0	48.1	65.6	82.3	105.3	129.7
72.5°	0.0	3.2	7.4	11.2	22.2	40.9	64.3	86.9	113.1	141.1	170.7
70°	0.0	3.7	8.3	13.4	30.2	52.4	80.4	112.5	143.3	176.3	214.8
67.5°	0.0	4.1	9.3	18.3	37.9	63.4	99.7	137.4	172.9	214.5	258.7
65°	0.0	4.5	10.2	23.1	45.3	75.7	118.2	161.7	204.8	251.6	299.7
62.5°	0.0	4.9	11.1	27.6	52.2	89.2	135.8	187.1	235.7	287.1	336.5
60°	0.0	5.3	12.0	31.9	58.8	101.9	152.3	212.4	265.4	320.3	372.7
57.5°	0.0	5.7	14.4	36.0	67.5	113.9	169.7	235.9	294.7	352.9	407.0
55°	0.0	6.1	16.8	39.8	75.8	125.0	186.3	256.2	323.5	384.3	439.9
52.5°	0.0	6.4	19.0	43.2	83.6	135.6	201.6	277.3	351.6	413.3	472.0
50°	0.0	6.7	21.2	46.4	90.7	146.8	215.6	297.3	378.3	441.4	508.8
47.5°	0.0	7.1	23.3	49.7	97.1	157.1	228.7	315.9	402.5	468.6	544.9
45°	0.0	7.4	25.3	54.0	103.0	166.3	243.3	333.1	421.3	499.5	579.4
42.5°	0.0	7.6	27.1	58.0	108.1	174.6	256.7	348.8	439.3	529.0	620.0
40°	0.0	7.9	28.9	61.9	113.3	181.8	268.8	363.8	458.1	556.6	659.6
37.5°	0.0	8.1	30.5	65.9	118.5	187.9	279.7	378.0	479.1	582.8	696.7
35°	0.0	8.3	32.0	69.5	122.9	195.0	289.2	391.3	499.6	613.0	734.1
32.5°	0.0	8.5	33.5	72.9	126.6	202.1	298.1	403.8	519.5	642.0	773.7
30°	0.0	8.7	34.7	76.0	129.6	208.1	307.3	416.3	538.7	669.7	810.7
27.5°	0.0	8.9	35.9	78.8	134.0	213.1	315.6	430.9	558.4	696.0	845.0
25°	0.0	9.0	36.9	81.4	138.2	217.1	322.9	444.3	579.0	722.8	876.8
22.5°	0.0	9.1	37.9	83.6	141.9	221.1	329.1	456.7	597.9	748.1	910.6
20°	0.0	9.2	38.6	85.5	145.0	226.6	334.3	467.8	615.1	770.7	940.9
17.5°	0.0	9.3	39.3	87.1	147.7	231.1	340.8	477.6	630.5	790.6	967.6
15°	0.0	9.4	39.8	88.4	149.8	234.6	347.5	486.9	643.8	807.6	990.7
12.5°	0.0	9.4	40.2	89.4	151.4	237.1	352.9	495.7	655.8	821.8	1010.0
10°	0.0	9.4	40.5	90.1	152.6	238.7	357.1	502.5	666.2	835.1	1026.3
7.5°	0.0	9.4	40.7	90.5	153.2	239.3	359.9	507.2	674.2	845.8	1040.3
5°	0.0	9.4	40.7	90.6	153.3	239.0	361.4	509.9	679.7	853.5	1050.4
2.5°	0.0	9.4	40.6	90.5	153.0	237.9	361.5	510.5	682.7	858.2	1056.5
0°	0.0	9.3	40.4	90.0	152.1	235.9	360.1	509.1	682.9	859.8	1058.5
-2.5°	0.0	9.4	40.6	90.5	153.0	237.9	361.5	510.5	682.7	858.2	1056.5
-5°	0.0	9.4	40.7	90.6	153.3	239.0	361.4	509.9	679.7	853.5	1050.4
-7.5°	0.0	9.4	40.7	90.5	153.2	239.3	359.9	507.2	674.2	845.8	1040.3
-10°	0.0	9.4	40.5	90.1	152.6	238.7	357.1	502.5	666.2	835.1	1026.3
-12.5°	0.0	9.4	40.2	89.4	151.4	237.1	352.9	495.7	655.8	821.8	1010.0
-15°	0.0	9.4	39.8	88.4	149.8	234.6	347.5	486.9	643.8	807.6	990.7
-17.5°	0.0	9.3	39.3	87.1	147.7	231.1	340.8	477.6	630.5	790.6	967.6
-20°	0.0	9.2	38.6	85.5	145.0	226.6	334.3	467.8	615.1	770.7	940.9

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CATALOG NUMBER: GFLD-SA2D-750-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	9.1	37.9	83.6	141.9	221.1	329.1	456.7	597.9	748.1	910.6
-25°	0.0	9.0	36.9	81.4	138.2	217.1	322.9	444.3	579.0	722.8	876.8
-27.5°	0.0	8.9	35.9	78.8	134.0	213.1	315.6	430.9	558.4	696.0	845.0
-30°	0.0	8.7	34.7	76.0	129.6	208.1	307.3	416.3	538.7	669.7	810.7
-32.5°	0.0	8.5	33.5	72.9	126.6	202.1	298.1	403.8	519.5	642.0	773.7
-35°	0.0	8.3	32.0	69.5	122.9	195.0	289.2	391.3	499.6	613.0	734.1
-37.5°	0.0	8.1	30.5	65.9	118.5	187.9	279.7	378.0	479.1	582.8	696.7
-40°	0.0	7.9	28.9	61.9	113.3	181.8	268.8	363.8	458.1	556.6	659.6
-42.5°	0.0	7.6	27.1	58.0	108.1	174.6	256.7	348.8	439.3	529.0	620.0
-45°	0.0	7.4	25.3	54.0	103.0	166.3	243.3	333.1	421.3	499.5	579.4
-47.5°	0.0	7.1	23.3	49.7	97.1	157.1	228.7	315.9	402.5	468.6	544.9
-50°	0.0	6.7	21.2	46.4	90.7	146.8	215.6	297.3	378.3	441.4	508.8
-52.5°	0.0	6.4	19.0	43.2	83.6	135.6	201.6	277.3	351.6	413.3	472.0
-55°	0.0	6.1	16.8	39.8	75.8	125.0	186.3	256.2	323.5	384.3	439.9
-57.5°	0.0	5.7	14.4	36.0	67.5	113.9	169.7	235.9	294.7	352.9	407.0
-60°	0.0	5.3	12.0	31.9	58.8	101.9	152.3	212.4	265.4	320.3	372.7
-62.5°	0.0	4.9	11.1	27.6	52.2	89.2	135.8	187.1	235.7	287.1	336.5
-65°	0.0	4.5	10.2	23.1	45.3	75.7	118.2	161.7	204.8	251.6	299.7
-67.5°	0.0	4.1	9.3	18.3	37.9	63.4	99.7	137.4	172.9	214.5	258.7
-70°	0.0	3.7	8.3	13.4	30.2	52.4	80.4	112.5	143.3	176.3	214.8
-72.5°	0.0	3.2	7.4	11.2	22.2	40.9	64.3	86.9	113.1	141.1	170.7
-75°	0.0	2.8	6.4	9.6	13.9	29.0	48.1	65.6	82.3	105.3	129.7
-77.5°	0.0	2.3	5.3	8.0	10.7	16.8	31.5	45.7	59.1	71.9	87.9
-80°	0.0	1.9	4.3	6.4	8.6	10.7	14.5	25.7	36.6	47.0	57.0
-82.5°	0.0	1.4	3.2	4.8	6.4	8.0	9.6	11.2	14.0	22.0	29.7
-85°	0.0	0.9	2.2	3.2	4.3	5.4	6.4	7.4	8.5	9.5	10.5
-87.5°	0.0	0.5	1.1	1.6	2.2	2.7	3.2	3.7	4.2	4.7	5.2
-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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CATALOG NUMBER: GFLD-SA2D-750-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°	6.1	7.0	7.9	8.9	9.0	9.0	8.9	8.8	9.1	9.5	9.8
85°	12.1	13.9	19.3	24.6	27.1	28.6	29.3	29.2	34.0	39.5	45.5
82.5°	37.8	45.5	53.0	60.0	61.9	61.9	61.3	61.5	72.7	85.5	98.6
80°	67.2	77.1	90.2	101.8	106.9	109.5	110.7	110.5	124.6	143.4	163.2
77.5°	106.7	123.3	137.7	150.1	156.7	162.6	167.3	171.0	189.2	212.9	236.5
75°	151.6	169.8	188.0	203.8	214.8	223.0	230.7	242.9	266.7	294.5	318.6
72.5°	199.0	222.3	242.5	259.6	275.1	291.6	310.1	330.3	355.4	383.1	408.3
70°	249.7	275.3	296.4	317.1	338.2	362.9	390.5	417.7	445.7	476.3	505.7
67.5°	299.2	323.9	348.8	374.9	406.5	439.5	472.1	509.6	548.0	582.0	612.4
65°	342.2	371.2	402.4	437.7	476.7	518.7	562.3	607.3	655.9	696.7	733.9
62.5°	383.3	418.1	456.0	500.0	549.9	599.5	655.1	711.5	766.2	814.3	858.7
60°	421.2	463.3	511.2	565.3	623.4	689.4	752.7	816.8	876.9	931.3	987.5
57.5°	458.0	511.1	568.6	633.4	706.9	781.1	855.5	924.4	992.4	1058.8	1122.3
55°	497.0	561.0	629.4	708.9	791.8	879.5	959.7	1036.6	1111.5	1192.0	1268.5
52.5°	539.9	611.4	697.0	786.0	881.7	975.9	1064.0	1151.5	1242.1	1333.2	1432.8
50°	581.4	670.4	764.2	867.7	971.2	1072.0	1173.0	1273.9	1382.4	1494.2	1607.0
47.5°	629.8	726.9	837.7	948.7	1061.7	1174.0	1286.6	1408.5	1531.8	1661.3	1786.1
45°	678.7	788.0	907.3	1032.9	1155.1	1279.3	1411.0	1545.7	1690.3	1832.8	1983.0
42.5°	725.1	848.6	980.2	1115.8	1251.7	1390.5	1535.3	1692.7	1850.7	2015.0	2180.1
40°	776.5	906.3	1051.3	1200.8	1348.2	1502.1	1667.5	1838.0	2016.8	2197.5	2376.7
37.5°	825.9	968.6	1121.0	1281.9	1447.4	1616.5	1796.1	1989.6	2183.5	2378.0	2575.6
35°	872.2	1027.6	1192.8	1363.5	1539.0	1731.4	1932.2	2138.8	2348.8	2559.1	2771.8
32.5°	919.8	1083.3	1261.3	1444.1	1637.5	1843.7	2063.7	2287.6	2511.2	2735.8	2968.6
30°	967.5	1141.7	1327.7	1520.2	1731.8	1956.5	2192.9	2430.0	2666.7	2913.8	3161.9
27.5°	1012.6	1197.1	1393.0	1598.9	1822.2	2061.0	2312.0	2566.0	2821.2	3084.0	3348.5
25°	1054.1	1249.6	1453.5	1674.7	1911.3	2161.5	2423.0	2688.1	2967.9	3249.1	3525.3
22.5°	1094.5	1297.8	1509.6	1744.5	1992.1	2254.8	2527.1	2807.0	3099.4	3401.3	3687.3
20°	1133.5	1343.7	1564.2	1807.8	2064.4	2338.8	2621.8	2914.9	3221.6	3531.6	3839.2
17.5°	1168.1	1384.5	1615.0	1866.9	2133.4	2415.6	2707.0	3009.7	3330.2	3651.6	3977.4
15°	1198.2	1420.1	1659.0	1918.5	2194.5	2485.4	2786.2	3097.5	3426.2	3760.8	4099.6
12.5°	1223.7	1450.1	1696.1	1962.4	2246.2	2545.3	2854.2	3176.5	3514.0	3858.0	4206.6
10°	1244.4	1474.6	1726.1	1998.2	2288.5	2594.8	2910.2	3241.5	3589.2	3940.7	4296.6
7.5°	1262.0	1495.1	1749.9	2025.9	2321.1	2633.6	2953.8	3292.3	3649.1	4005.2	4368.9
5°	1274.8	1511.6	1771.7	2049.0	2349.4	2663.8	2986.8	3328.5	3692.9	4051.1	4421.3
2.5°	1282.5	1522.4	1786.6	2064.1	2371.7	2686.5	3016.2	3360.5	3725.0	4087.5	4460.7
0°	1285.1	1527.2	1794.2	2070.5	2384.0	2697.5	3032.7	3377.3	3740.5	4109.9	4485.5
-2.5°	1282.5	1522.4	1786.6	2064.1	2371.7	2686.5	3016.2	3360.5	3725.0	4087.5	4460.7
-5°	1274.8	1511.6	1771.7	2049.0	2349.4	2663.8	2986.8	3328.5	3692.9	4051.1	4421.3
-7.5°	1262.0	1495.1	1749.9	2025.9	2321.1	2633.6	2953.8	3292.3	3649.1	4005.2	4368.9
-10°	1244.4	1474.6	1726.1	1998.2	2288.5	2594.8	2910.2	3241.5	3589.2	3940.7	4296.6
-12.5°	1223.7	1450.1	1696.1	1962.4	2246.2	2545.3	2854.2	3176.5	3514.0	3858.0	4206.6
-15°	1198.2	1420.1	1659.0	1918.5	2194.5	2485.4	2786.2	3097.5	3426.2	3760.8	4099.6
-17.5°	1168.1	1384.5	1615.0	1866.9	2133.4	2415.6	2707.0	3009.7	3330.2	3651.6	3977.4
-20°	1133.5	1343.7	1564.2	1807.8	2064.4	2338.8	2621.8	2914.9	3221.6	3531.6	3839.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627001 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-750-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°	1094.5	1297.8	1509.6	1744.5	1992.1	2254.8	2527.1	2807.0	3099.4	3401.3	3687.3
-25°	1054.1	1249.6	1453.5	1674.7	1911.3	2161.5	2423.0	2688.1	2967.9	3249.1	3525.3
-27.5°	1012.6	1197.1	1393.0	1598.9	1822.2	2061.0	2312.0	2566.0	2821.2	3084.0	3348.5
-30°	967.5	1141.7	1327.7	1520.2	1731.8	1956.5	2192.9	2430.0	2666.7	2913.8	3161.9
-32.5°	919.8	1083.3	1261.3	1444.1	1637.5	1843.7	2063.7	2287.6	2511.2	2735.8	2968.6
-35°	872.2	1027.6	1192.8	1363.5	1539.0	1731.4	1932.2	2138.8	2348.8	2559.1	2771.8
-37.5°	825.9	968.6	1121.0	1281.9	1447.4	1616.5	1796.1	1989.6	2183.5	2378.0	2575.6
-40°	776.5	906.3	1051.3	1200.8	1348.2	1502.1	1667.5	1838.0	2016.8	2197.5	2376.7
-42.5°	725.1	848.6	980.2	1115.8	1251.7	1390.5	1535.3	1692.7	1850.7	2015.0	2180.1
-45°	678.7	788.0	907.3	1032.9	1155.1	1279.3	1411.0	1545.7	1690.3	1832.8	1983.0
-47.5°	629.8	726.9	837.7	948.7	1061.7	1174.0	1286.6	1408.5	1531.8	1661.3	1786.1
-50°	581.4	670.4	764.2	867.7	971.2	1072.0	1173.0	1273.9	1382.4	1494.2	1607.0
-52.5°	539.9	611.4	697.0	786.0	881.7	975.9	1064.0	1151.5	1242.1	1333.2	1432.8
-55°	497.0	561.0	629.4	708.9	791.8	879.5	959.7	1036.6	1111.5	1192.0	1268.5
-57.5°	458.0	511.1	568.6	633.4	706.9	781.1	855.5	924.4	992.4	1058.8	1122.3
-60°	421.2	463.3	511.2	565.3	623.4	689.4	752.7	816.8	876.9	931.3	987.5
-62.5°	383.3	418.1	456.0	500.0	549.9	599.5	655.1	711.5	766.2	814.3	858.7
-65°	342.2	371.2	402.4	437.7	476.7	518.7	562.3	607.3	655.9	696.7	733.9
-67.5°	299.2	323.9	348.8	374.9	406.5	439.5	472.1	509.6	548.0	582.0	612.4
-70°	249.7	275.3	296.4	317.1	338.2	362.9	390.5	417.7	445.7	476.3	505.7
-72.5°	199.0	222.3	242.5	259.6	275.1	291.6	310.1	330.3	355.4	383.1	408.3
-75°	151.6	169.8	188.0	203.8	214.8	223.0	230.7	242.9	266.7	294.5	318.6
-77.5°	106.7	123.3	137.7	150.1	156.7	162.6	167.3	171.0	189.2	212.9	236.5
-80°	67.2	77.1	90.2	101.8	106.9	109.5	110.7	110.5	124.6	143.4	163.2
-82.5°	37.8	45.5	53.0	60.0	61.9	61.9	61.3	61.5	72.7	85.5	98.6
-85°	12.1	13.9	19.3	24.6	27.1	28.6	29.3	29.2	34.0	39.5	45.5
-87.5°	6.1	7.0	7.9	8.9	9.0	9.0	8.9	8.8	9.1	9.5	9.8
-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: P627001 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-750-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°	10.2	10.5	10.7	11.0	11.2	11.5	11.7	11.8	12.0	11.4	10.7
85°	51.9	55.5	58.9	62.2	65.3	68.3	71.1	73.6	76.0	69.4	62.2
82.5°	112.0	120.9	129.5	138.0	146.4	148.6	149.2	148.9	147.7	136.2	123.3
80°	182.8	198.0	212.3	226.6	240.6	242.2	240.6	237.7	233.6	218.4	201.2
77.5°	260.0	279.2	296.0	311.4	325.4	328.0	327.6	326.9	325.8	310.3	291.5
75°	339.3	358.1	376.1	391.5	404.3	410.2	413.1	415.1	416.3	405.1	390.6
72.5°	431.2	450.6	466.6	481.5	494.2	503.3	509.9	514.8	518.2	514.8	508.9
70°	530.8	551.8	569.4	586.2	603.3	617.1	627.4	634.9	639.7	642.8	645.0
67.5°	643.1	671.2	695.6	716.5	737.2	756.7	772.6	785.7	795.7	804.3	810.9
65°	769.5	805.4	837.2	866.4	893.2	921.4	944.5	963.9	979.5	992.4	1002.8
62.5°	902.5	946.5	987.3	1026.9	1065.8	1104.0	1133.4	1160.1	1183.9	1204.3	1220.6
60°	1040.6	1090.6	1145.4	1197.7	1245.9	1289.9	1333.6	1371.4	1403.8	1430.7	1452.4
57.5°	1189.2	1253.8	1317.9	1382.9	1444.3	1501.8	1555.5	1603.0	1643.1	1676.0	1703.7
55°	1349.5	1430.5	1504.8	1586.8	1666.0	1738.1	1801.6	1857.4	1905.7	1946.1	1980.4
52.5°	1525.9	1624.3	1720.8	1814.1	1904.0	1987.7	2063.7	2128.7	2186.5	2236.0	2275.6
50°	1718.9	1831.5	1943.4	2047.1	2150.5	2246.9	2334.0	2409.4	2476.7	2534.9	2580.7
47.5°	1920.8	2048.9	2173.8	2292.6	2406.9	2514.1	2608.5	2694.4	2778.2	2846.6	2900.7
45°	2130.4	2274.1	2411.9	2547.7	2673.6	2793.7	2910.1	3017.1	3103.2	3178.5	3241.8
42.5°	2342.5	2502.8	2657.1	2805.3	2943.7	3082.6	3213.5	3330.6	3428.7	3514.4	3586.3
40°	2557.4	2732.8	2902.9	3064.4	3222.7	3374.2	3515.8	3639.2	3749.9	3851.7	3936.4
37.5°	2771.2	2964.2	3152.6	3333.6	3507.9	3672.0	3825.0	3964.4	4089.4	4205.2	4299.4
35°	2986.0	3197.7	3404.0	3603.2	3793.6	3974.6	4142.1	4300.8	4448.0	4565.4	4661.7
32.5°	3199.9	3427.6	3652.1	3871.3	4079.7	4274.9	4456.4	4631.7	4783.1	4912.1	5022.9
30°	3406.9	3653.6	3898.0	4135.7	4360.8	4572.3	4773.3	4958.7	5121.5	5262.6	5386.8
27.5°	3610.0	3875.1	4137.3	4391.3	4634.6	4864.4	5083.8	5284.8	5462.5	5615.9	5746.8
25°	3802.0	4086.9	4366.5	4635.7	4895.6	5149.1	5385.9	5605.3	5795.1	5963.5	6098.1
22.5°	3985.5	4289.2	4583.0	4866.2	5144.3	5417.5	5676.8	5905.8	6107.0	6283.0	6432.0
20°	4156.4	4481.9	4782.4	5081.9	5374.9	5666.6	5944.9	6186.6	6399.5	6586.9	6751.1
17.5°	4316.1	4650.0	4966.4	5285.3	5594.0	5900.1	6182.9	6442.0	6671.6	6870.6	7042.5
15°	4451.3	4788.5	5134.1	5474.6	5800.1	6110.0	6392.6	6663.2	6918.2	7133.4	7307.7
12.5°	4560.8	4911.5	5272.0	5633.5	5977.7	6287.3	6583.1	6857.6	7125.4	7367.2	7527.4
10°	4654.2	5015.3	5387.5	5756.1	6104.9	6432.4	6754.1	7044.3	7307.4	7523.9	7702.9
7.5°	4734.9	5106.8	5484.8	5854.0	6201.8	6540.1	6871.2	7179.4	7445.1	7649.1	7808.7
5°	4794.4	5175.2	5560.5	5933.1	6285.7	6625.1	6957.7	7262.1	7521.4	7728.9	7903.0
2.5°	4836.9	5221.3	5609.4	5982.5	6342.9	6683.2	7024.1	7331.9	7583.1	7773.2	7939.8
0°	4864.2	5249.1	5640.2	6022.0	6375.9	6704.9	7071.2	7359.9	7620.7	7810.0	7983.9
-2.5°	4836.9	5221.3	5609.4	5982.5	6342.9	6683.2	7024.1	7331.9	7583.1	7773.2	7939.8
-5°	4794.4	5175.2	5560.5	5933.1	6285.7	6625.1	6957.7	7262.1	7521.4	7728.9	7903.0
-7.5°	4734.9	5106.8	5484.8	5854.0	6201.8	6540.1	6871.2	7179.4	7445.1	7649.1	7808.7
-10°	4654.2	5015.3	5387.5	5756.1	6104.9	6432.4	6754.1	7044.3	7307.4	7523.9	7702.9
-12.5°	4560.8	4911.5	5272.0	5633.5	5977.7	6287.3	6583.1	6857.6	7125.4	7367.2	7527.4
-15°	4451.3	4788.5	5134.1	5474.6	5800.1	6110.0	6392.6	6663.2	6918.2	7133.4	7307.7
-17.5°	4316.1	4650.0	4966.4	5285.3	5594.0	5900.1	6182.9	6442.0	6671.6	6870.6	7042.5
-20°	4156.4	4481.9	4782.4	5081.9	5374.9	5666.6	5944.9	6186.6	6399.5	6586.9	6751.1

Classified

Cooper Lighting Solutions Photometric Lab  
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627001 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-750-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3985.5	4289.2	4583.0	4866.2	5144.3	5417.5	5676.8	5905.8	6107.0	6283.0	6432.0
-25°	3802.0	4086.9	4366.5	4635.7	4895.6	5149.1	5385.9	5605.3	5795.1	5963.5	6098.1
-27.5°	3610.0	3875.1	4137.3	4391.3	4634.6	4864.4	5083.8	5284.8	5462.5	5615.9	5746.8
-30°	3406.9	3653.6	3898.0	4135.7	4360.8	4572.3	4773.3	4958.7	5121.5	5262.6	5386.8
-32.5°	3199.9	3427.6	3652.1	3871.3	4079.7	4274.9	4456.4	4631.7	4783.1	4912.1	5022.9
-35°	2986.0	3197.7	3404.0	3603.2	3793.6	3974.6	4142.1	4300.8	4448.0	4565.4	4661.7
-37.5°	2771.2	2964.2	3152.6	3333.6	3507.9	3672.0	3825.0	3964.4	4089.4	4205.2	4299.4
-40°	2557.4	2732.8	2902.9	3064.4	3222.7	3374.2	3515.8	3639.2	3749.9	3851.7	3936.4
-42.5°	2342.5	2502.8	2657.1	2805.3	2943.7	3082.6	3213.5	3330.6	3428.7	3514.4	3586.3
-45°	2130.4	2274.1	2411.9	2547.7	2673.6	2793.7	2910.1	3017.1	3103.2	3178.5	3241.8
-47.5°	1920.8	2048.9	2173.8	2292.6	2406.9	2514.1	2608.5	2694.4	2778.2	2846.6	2900.7
-50°	1718.9	1831.5	1943.4	2047.1	2150.5	2246.9	2334.0	2409.4	2476.7	2534.9	2580.7
-52.5°	1525.9	1624.3	1720.8	1814.1	1904.0	1987.7	2063.7	2128.7	2186.5	2236.0	2275.6
-55°	1349.5	1430.5	1504.8	1586.8	1666.0	1738.1	1801.6	1857.4	1905.7	1946.1	1980.4
-57.5°	1189.2	1253.8	1317.9	1382.9	1444.3	1501.8	1555.5	1603.0	1643.1	1676.0	1703.7
-60°	1040.6	1090.6	1145.4	1197.7	1245.9	1289.9	1333.6	1371.4	1403.8	1430.7	1452.4
-62.5°	902.5	946.5	987.3	1026.9	1065.8	1104.0	1133.4	1160.1	1183.9	1204.3	1220.6
-65°	769.5	805.4	837.2	866.4	893.2	921.4	944.5	963.9	979.5	992.4	1002.8
-67.5°	643.1	671.2	695.6	716.5	737.2	756.7	772.6	785.7	795.7	804.3	810.9
-70°	530.8	551.8	569.4	586.2	603.3	617.1	627.4	634.9	639.7	642.8	645.0
-72.5°	431.2	450.6	466.6	481.5	494.2	503.3	509.9	514.8	518.2	514.8	508.9
-75°	339.3	358.1	376.1	391.5	404.3	410.2	413.1	415.1	416.3	405.1	390.6
-77.5°	260.0	279.2	296.0	311.4	325.4	328.0	327.6	326.9	325.8	310.3	291.5
-80°	182.8	198.0	212.3	226.6	240.6	242.2	240.6	237.7	233.6	218.4	201.2
-82.5°	112.0	120.9	129.5	138.0	146.4	148.6	149.2	148.9	147.7	136.2	123.3
-85°	51.9	55.5	58.9	62.2	65.3	68.3	71.1	73.6	76.0	69.4	62.2
-87.5°	10.2	10.5	10.7	11.0	11.2	11.5	11.7	11.8	12.0	11.4	10.7
-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: P627001 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-750-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°	10.0	9.3	9.3	9.3	9.3	9.3	10.0	10.7	11.4	12.0	11.8
85°	54.4	46.4	43.4	40.4	43.4	46.4	54.4	62.2	69.4	76.0	73.6
82.5°	109.9	95.9	91.5	86.9	91.5	95.9	109.9	123.3	136.2	147.7	148.9
80°	183.0	164.1	156.6	149.0	156.6	164.1	183.0	201.2	218.4	233.6	237.7
77.5°	271.7	250.8	241.9	232.8	241.9	250.8	271.7	291.5	310.3	325.8	326.9
75°	375.2	358.9	349.0	338.4	349.0	358.9	375.2	390.6	405.1	416.3	415.1
72.5°	502.1	494.1	486.9	478.0	486.9	494.1	502.1	508.9	514.8	518.2	514.8
70°	645.8	644.8	646.1	645.7	646.1	644.8	645.8	645.0	642.8	639.7	634.9
67.5°	814.2	814.5	817.9	819.5	817.9	814.5	814.2	810.9	804.3	795.7	785.7
65°	1009.2	1011.6	1010.6	1005.7	1010.6	1011.6	1009.2	1002.8	992.4	979.5	963.9
62.5°	1232.2	1238.9	1242.6	1241.7	1242.6	1238.9	1232.2	1220.6	1204.3	1183.9	1160.1
60°	1468.5	1479.0	1484.3	1483.8	1484.3	1479.0	1468.5	1452.4	1430.7	1403.8	1371.4
57.5°	1724.2	1737.7	1740.8	1735.2	1740.8	1737.7	1724.2	1703.7	1676.0	1643.1	1603.0
55°	2006.3	2023.5	2030.1	2027.0	2030.1	2023.5	2006.3	1980.4	1946.1	1905.7	1857.4
52.5°	2304.5	2323.1	2329.7	2325.0	2329.7	2323.1	2304.5	2275.6	2236.0	2186.5	2128.7
50°	2614.3	2636.8	2645.9	2641.6	2645.9	2636.8	2614.3	2580.7	2534.9	2476.7	2409.4
47.5°	2943.1	2973.1	2984.8	2976.9	2984.8	2973.1	2943.1	2900.7	2846.6	2778.2	2694.4
45°	3289.1	3320.3	3332.3	3324.5	3332.3	3320.3	3289.1	3241.8	3178.5	3103.2	3017.1
42.5°	3641.3	3681.8	3698.9	3684.6	3698.9	3681.8	3641.3	3586.3	3514.4	3428.7	3330.6
40°	3999.7	4043.6	4063.8	4054.0	4063.8	4043.6	3999.7	3936.4	3851.7	3749.9	3639.2
37.5°	4367.3	4411.0	4432.4	4432.7	4432.4	4411.0	4367.3	4299.4	4205.2	4089.4	3964.4
35°	4736.2	4789.1	4819.0	4817.6	4819.0	4789.1	4736.2	4661.7	4565.4	4448.0	4300.8
32.5°	5110.4	5167.7	5198.3	5202.5	5198.3	5167.7	5110.4	5022.9	4912.1	4783.1	4631.7
30°	5483.8	5546.9	5582.3	5596.8	5582.3	5546.9	5483.8	5386.8	5262.6	5121.5	4958.7
27.5°	5846.0	5923.6	5977.0	5981.7	5977.0	5923.6	5846.0	5746.8	5615.9	5462.5	5284.8
25°	6196.8	6275.8	6330.6	6341.8	6330.6	6275.8	6196.8	6098.1	5963.5	5795.1	5605.3
22.5°	6542.6	6625.0	6675.7	6695.6	6675.7	6625.0	6542.6	6432.0	6283.0	6107.0	5905.8
20°	6872.6	6962.0	7015.7	7037.1	7015.7	6962.0	6872.6	6751.1	6586.9	6399.5	6186.6
17.5°	7171.2	7265.7	7332.0	7350.6	7332.0	7265.7	7171.2	7042.5	6870.6	6671.6	6442.0
15°	7434.0	7523.6	7586.5	7611.4	7586.5	7523.6	7434.0	7307.7	7133.4	6918.2	6663.2
12.5°	7647.9	7728.0	7777.3	7800.7	7777.3	7728.0	7647.9	7527.4	7367.2	7125.4	6857.6
10°	7814.9	7895.3	7942.4	7974.5	7942.4	7895.3	7814.9	7702.9	7523.9	7307.4	7044.3
7.5°	7960.0	8042.3	8100.0	8145.3	8100.0	8042.3	7960.0	7808.7	7649.1	7445.1	7179.4
5°	8040.0	8177.6	8198.3	8229.1	8198.3	8177.6	8040.0	7903.0	7728.9	7521.4	7262.1
2.5°	8101.1	8198.7	8257.3	8250.8	8257.3	8198.7	8101.1	7939.8	7773.2	7583.1	7331.9
0°	8145.3	8232.2	8253.9	8281.9	8253.9	8232.2	8145.3	7983.9	7810.0	7620.7	7359.9
-2.5°	8101.1	8198.7	8257.3	8250.8	8257.3	8198.7	8101.1	7939.8	7773.2	7583.1	7331.9
-5°	8040.0	8177.6	8198.3	8229.1	8198.3	8177.6	8040.0	7903.0	7728.9	7521.4	7262.1
-7.5°	7960.0	8042.3	8100.0	8145.3	8100.0	8042.3	7960.0	7808.7	7649.1	7445.1	7179.4
-10°	7814.9	7895.3	7942.4	7974.5	7942.4	7895.3	7814.9	7702.9	7523.9	7307.4	7044.3
-12.5°	7647.9	7728.0	7777.3	7800.7	7777.3	7728.0	7647.9	7527.4	7367.2	7125.4	6857.6
-15°	7434.0	7523.6	7586.5	7611.4	7586.5	7523.6	7434.0	7307.7	7133.4	6918.2	6663.2
-17.5°	7171.2	7265.7	7332.0	7350.6	7332.0	7265.7	7171.2	7042.5	6870.6	6671.6	6442.0
-20°	6872.6	6962.0	7015.7	7037.1	7015.7	6962.0	6872.6	6751.1	6586.9	6399.5	6186.6



REPORT NUMBER: P627001 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-750-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°	6542.6	6625.0	6675.7	6695.6	6675.7	6625.0	6542.6	6432.0	6283.0	6107.0	5905.8
-25°	6196.8	6275.8	6330.6	6341.8	6330.6	6275.8	6196.8	6098.1	5963.5	5795.1	5605.3
-27.5°	5846.0	5923.6	5977.0	5981.7	5977.0	5923.6	5846.0	5746.8	5615.9	5462.5	5284.8
-30°	5483.8	5546.9	5582.3	5596.8	5582.3	5546.9	5483.8	5386.8	5262.6	5121.5	4958.7
-32.5°	5110.4	5167.7	5198.3	5202.5	5198.3	5167.7	5110.4	5022.9	4912.1	4783.1	4631.7
-35°	4736.2	4789.1	4819.0	4817.6	4819.0	4789.1	4736.2	4661.7	4565.4	4448.0	4300.8
-37.5°	4367.3	4411.0	4432.4	4432.7	4432.4	4411.0	4367.3	4299.4	4205.2	4089.4	3964.4
-40°	3999.7	4043.6	4063.8	4054.0	4063.8	4043.6	3999.7	3936.4	3851.7	3749.9	3639.2
-42.5°	3641.3	3681.8	3698.9	3684.6	3698.9	3681.8	3641.3	3586.3	3514.4	3428.7	3330.6
-45°	3289.1	3320.3	3332.3	3324.5	3332.3	3320.3	3289.1	3241.8	3178.5	3103.2	3017.1
-47.5°	2943.1	2973.1	2984.8	2976.9	2984.8	2973.1	2943.1	2900.7	2846.6	2778.2	2694.4
-50°	2614.3	2636.8	2645.9	2641.6	2645.9	2636.8	2614.3	2580.7	2534.9	2476.7	2409.4
-52.5°	2304.5	2323.1	2329.7	2325.0	2329.7	2323.1	2304.5	2275.6	2236.0	2186.5	2128.7
-55°	2006.3	2023.5	2030.1	2027.0	2030.1	2023.5	2006.3	1980.4	1946.1	1905.7	1857.4
-57.5°	1724.2	1737.7	1740.8	1735.2	1740.8	1737.7	1724.2	1703.7	1676.0	1643.1	1603.0
-60°	1468.5	1479.0	1484.3	1483.8	1484.3	1479.0	1468.5	1452.4	1430.7	1403.8	1371.4
-62.5°	1232.2	1238.9	1242.6	1241.7	1242.6	1238.9	1232.2	1220.6	1204.3	1183.9	1160.1
-65°	1009.2	1011.6	1010.6	1005.7	1010.6	1011.6	1009.2	1002.8	992.4	979.5	963.9
-67.5°	814.2	814.5	817.9	819.5	817.9	814.5	814.2	810.9	804.3	795.7	785.7
-70°	645.8	644.8	646.1	645.7	646.1	644.8	645.8	645.0	642.8	639.7	634.9
-72.5°	502.1	494.1	486.9	478.0	486.9	494.1	502.1	508.9	514.8	518.2	514.8
-75°	375.2	358.9	349.0	338.4	349.0	358.9	375.2	390.6	405.1	416.3	415.1
-77.5°	271.7	250.8	241.9	232.8	241.9	250.8	271.7	291.5	310.3	325.8	326.9
-80°	183.0	164.1	156.6	149.0	156.6	164.1	183.0	201.2	218.4	233.6	237.7
-82.5°	109.9	95.9	91.5	86.9	91.5	95.9	109.9	123.3	136.2	147.7	148.9
-85°	54.4	46.4	43.4	40.4	43.4	46.4	54.4	62.2	69.4	76.0	73.6
-87.5°	10.0	9.3	9.3	9.3	9.3	9.3	10.0	10.7	11.4	12.0	11.8
-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: P627001 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-750-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°	11.7	11.5	11.2	11.0	10.7	10.5	10.2	9.8	9.5	9.1	8.8
85°	71.1	68.3	65.3	62.2	58.9	55.5	51.9	45.5	39.5	34.0	29.2
82.5°	149.2	148.6	146.4	138.0	129.5	120.9	112.0	98.6	85.5	72.7	61.5
80°	240.6	242.2	240.6	226.6	212.3	198.0	182.8	163.2	143.4	124.6	110.5
77.5°	327.6	328.0	325.4	311.4	296.0	279.2	260.0	236.5	212.9	189.2	171.0
75°	413.1	410.2	404.3	391.5	376.1	358.1	339.3	318.6	294.5	266.7	242.9
72.5°	509.9	503.3	494.2	481.5	466.6	450.6	431.2	408.3	383.1	355.4	330.3
70°	627.4	617.1	603.3	586.2	569.4	551.8	530.8	505.7	476.3	445.7	417.7
67.5°	772.6	756.7	737.2	716.5	695.6	671.2	643.1	612.4	582.0	548.0	509.6
65°	944.5	921.4	893.2	866.4	837.2	805.4	769.5	733.9	696.7	655.9	607.3
62.5°	1133.4	1104.0	1065.8	1026.9	987.3	946.5	902.5	858.7	814.3	766.2	711.5
60°	1333.6	1289.9	1245.9	1197.7	1145.4	1090.6	1040.6	987.5	931.3	876.9	816.8
57.5°	1555.5	1501.8	1444.3	1382.9	1317.9	1253.8	1189.2	1122.3	1058.8	992.4	924.4
55°	1801.6	1738.1	1666.0	1586.8	1504.8	1430.5	1349.5	1268.5	1192.0	1111.5	1036.6
52.5°	2063.7	1987.7	1904.0	1814.1	1720.8	1624.3	1525.9	1432.8	1333.2	1242.1	1151.5
50°	2334.0	2246.9	2150.5	2047.1	1943.4	1831.5	1718.9	1607.0	1494.2	1382.4	1273.9
47.5°	2608.5	2514.1	2406.9	2292.6	2173.8	2048.9	1920.8	1786.1	1661.3	1531.8	1408.5
45°	2910.1	2793.7	2673.6	2547.7	2411.9	2274.1	2130.4	1983.0	1832.8	1690.3	1545.7
42.5°	3213.5	3082.6	2943.7	2805.3	2657.1	2502.8	2342.5	2180.1	2015.0	1850.7	1692.7
40°	3515.8	3374.2	3222.7	3064.4	2902.9	2732.8	2557.4	2376.7	2197.5	2016.8	1838.0
37.5°	3825.0	3672.0	3507.9	3333.6	3152.6	2964.2	2771.2	2575.6	2378.0	2183.5	1989.6
35°	4142.1	3974.6	3793.6	3603.2	3404.0	3197.7	2986.0	2771.8	2559.1	2348.8	2138.8
32.5°	4456.4	4274.9	4079.7	3871.3	3652.1	3427.6	3199.9	2968.6	2735.8	2511.2	2287.6
30°	4773.3	4572.3	4360.8	4135.7	3898.0	3653.6	3406.9	3161.9	2913.8	2666.7	2430.0
27.5°	5083.8	4864.4	4634.6	4391.3	4137.3	3875.1	3610.0	3348.5	3084.0	2821.2	2566.0
25°	5385.9	5149.1	4895.6	4635.7	4366.5	4086.9	3802.0	3525.3	3249.1	2967.9	2688.1
22.5°	5676.8	5417.5	5144.3	4866.2	4583.0	4289.2	3985.5	3687.3	3401.3	3099.4	2807.0
20°	5944.9	5666.6	5374.9	5081.9	4782.4	4481.9	4156.4	3839.2	3531.6	3221.6	2914.9
17.5°	6182.9	5900.1	5594.0	5285.3	4966.4	4650.0	4316.1	3977.4	3651.6	3330.2	3009.7
15°	6392.6	6110.0	5800.1	5474.6	5134.1	4788.5	4451.3	4099.6	3760.8	3426.2	3097.5
12.5°	6583.1	6287.3	5977.7	5633.5	5272.0	4911.5	4560.8	4206.6	3858.0	3514.0	3176.5
10°	6754.1	6432.4	6104.9	5756.1	5387.5	5015.3	4654.2	4296.6	3940.7	3589.2	3241.5
7.5°	6871.2	6540.1	6201.8	5854.0	5484.8	5106.8	4734.9	4368.9	4005.2	3649.1	3292.3
5°	6957.7	6625.1	6285.7	5933.1	5560.5	5175.2	4794.4	4421.3	4051.1	3692.9	3328.5
2.5°	7024.1	6683.2	6342.9	5982.5	5609.4	5221.3	4836.9	4460.7	4087.5	3725.0	3360.5
0°	7071.2	6704.9	6375.9	6022.0	5640.2	5249.1	4864.2	4485.5	4109.9	3740.5	3377.3
-2.5°	7024.1	6683.2	6342.9	5982.5	5609.4	5221.3	4836.9	4460.7	4087.5	3725.0	3360.5
-5°	6957.7	6625.1	6285.7	5933.1	5560.5	5175.2	4794.4	4421.3	4051.1	3692.9	3328.5
-7.5°	6871.2	6540.1	6201.8	5854.0	5484.8	5106.8	4734.9	4368.9	4005.2	3649.1	3292.3
-10°	6754.1	6432.4	6104.9	5756.1	5387.5	5015.3	4654.2	4296.6	3940.7	3589.2	3241.5
-12.5°	6583.1	6287.3	5977.7	5633.5	5272.0	4911.5	4560.8	4206.6	3858.0	3514.0	3176.5
-15°	6392.6	6110.0	5800.1	5474.6	5134.1	4788.5	4451.3	4099.6	3760.8	3426.2	3097.5
-17.5°	6182.9	5900.1	5594.0	5285.3	4966.4	4650.0	4316.1	3977.4	3651.6	3330.2	3009.7
-20°	5944.9	5666.6	5374.9	5081.9	4782.4	4481.9	4156.4	3839.2	3531.6	3221.6	2914.9



REPORT NUMBER: P627001 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-750-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5676.8	5417.5	5144.3	4866.2	4583.0	4289.2	3985.5	3687.3	3401.3	3099.4	2807.0
-25°	5385.9	5149.1	4895.6	4635.7	4366.5	4086.9	3802.0	3525.3	3249.1	2967.9	2688.1
-27.5°	5083.8	4864.4	4634.6	4391.3	4137.3	3875.1	3610.0	3348.5	3084.0	2821.2	2566.0
-30°	4773.3	4572.3	4360.8	4135.7	3898.0	3653.6	3406.9	3161.9	2913.8	2666.7	2430.0
-32.5°	4456.4	4274.9	4079.7	3871.3	3652.1	3427.6	3199.9	2968.6	2735.8	2511.2	2287.6
-35°	4142.1	3974.6	3793.6	3603.2	3404.0	3197.7	2986.0	2771.8	2559.1	2348.8	2138.8
-37.5°	3825.0	3672.0	3507.9	3333.6	3152.6	2964.2	2771.2	2575.6	2378.0	2183.5	1989.6
-40°	3515.8	3374.2	3222.7	3064.4	2902.9	2732.8	2557.4	2376.7	2197.5	2016.8	1838.0
-42.5°	3213.5	3082.6	2943.7	2805.3	2657.1	2502.8	2342.5	2180.1	2015.0	1850.7	1692.7
-45°	2910.1	2793.7	2673.6	2547.7	2411.9	2274.1	2130.4	1983.0	1832.8	1690.3	1545.7
-47.5°	2608.5	2514.1	2406.9	2292.6	2173.8	2048.9	1920.8	1786.1	1661.3	1531.8	1408.5
-50°	2334.0	2246.9	2150.5	2047.1	1943.4	1831.5	1718.9	1607.0	1494.2	1382.4	1273.9
-52.5°	2063.7	1987.7	1904.0	1814.1	1720.8	1624.3	1525.9	1432.8	1333.2	1242.1	1151.5
-55°	1801.6	1738.1	1666.0	1586.8	1504.8	1430.5	1349.5	1268.5	1192.0	1111.5	1036.6
-57.5°	1555.5	1501.8	1444.3	1382.9	1317.9	1253.8	1189.2	1122.3	1058.8	992.4	924.4
-60°	1333.6	1289.9	1245.9	1197.7	1145.4	1090.6	1040.6	987.5	931.3	876.9	816.8
-62.5°	1133.4	1104.0	1065.8	1026.9	987.3	946.5	902.5	858.7	814.3	766.2	711.5
-65°	944.5	921.4	893.2	866.4	837.2	805.4	769.5	733.9	696.7	655.9	607.3
-67.5°	772.6	756.7	737.2	716.5	695.6	671.2	643.1	612.4	582.0	548.0	509.6
-70°	627.4	617.1	603.3	586.2	569.4	551.8	530.8	505.7	476.3	445.7	417.7
-72.5°	509.9	503.3	494.2	481.5	466.6	450.6	431.2	408.3	383.1	355.4	330.3
-75°	413.1	410.2	404.3	391.5	376.1	358.1	339.3	318.6	294.5	266.7	242.9
-77.5°	327.6	328.0	325.4	311.4	296.0	279.2	260.0	236.5	212.9	189.2	171.0
-80°	240.6	242.2	240.6	226.6	212.3	198.0	182.8	163.2	143.4	124.6	110.5
-82.5°	149.2	148.6	146.4	138.0	129.5	120.9	112.0	98.6	85.5	72.7	61.5
-85°	71.1	68.3	65.3	62.2	58.9	55.5	51.9	45.5	39.5	34.0	29.2
-87.5°	11.7	11.5	11.2	11.0	10.7	10.5	10.2	9.8	9.5	9.1	8.8
-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: P627001 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-750-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°	8.9	9.0	9.0	8.9	7.9	7.0	6.1	5.2	4.7	4.2	3.7
85°	29.3	28.6	27.1	24.6	19.3	13.9	12.1	10.5	9.5	8.5	7.4
82.5°	61.3	61.9	61.9	60.0	53.0	45.5	37.8	29.7	22.0	14.0	11.2
80°	110.7	109.5	106.9	101.8	90.2	77.1	67.2	57.0	47.0	36.6	25.7
77.5°	167.3	162.6	156.7	150.1	137.7	123.3	106.7	87.9	71.9	59.1	45.7
75°	230.7	223.0	214.8	203.8	188.0	169.8	151.6	129.7	105.3	82.3	65.6
72.5°	310.1	291.6	275.1	259.6	242.5	222.3	199.0	170.7	141.1	113.1	86.9
70°	390.5	362.9	338.2	317.1	296.4	275.3	249.7	214.8	176.3	143.3	112.5
67.5°	472.1	439.5	406.5	374.9	348.8	323.9	299.2	258.7	214.5	172.9	137.4
65°	562.3	518.7	476.7	437.7	402.4	371.2	342.2	299.7	251.6	204.8	161.7
62.5°	655.1	599.5	549.9	500.0	456.0	418.1	383.3	336.5	287.1	235.7	187.1
60°	752.7	689.4	623.4	565.3	511.2	463.3	421.2	372.7	320.3	265.4	212.4
57.5°	855.5	781.1	706.9	633.4	568.6	511.1	458.0	407.0	352.9	294.7	235.9
55°	959.7	879.5	791.8	708.9	629.4	561.0	497.0	439.9	384.3	323.5	256.2
52.5°	1064.0	975.9	881.7	786.0	697.0	611.4	539.9	472.0	413.3	351.6	277.3
50°	1173.0	1072.0	971.2	867.7	764.2	670.4	581.4	508.8	441.4	378.3	297.3
47.5°	1286.6	1174.0	1061.7	948.7	837.7	726.9	629.8	544.9	468.6	402.5	315.9
45°	1411.0	1279.3	1155.1	1032.9	907.3	788.0	678.7	579.4	499.5	421.3	333.1
42.5°	1535.3	1390.5	1251.7	1115.8	980.2	848.6	725.1	620.0	529.0	439.3	348.8
40°	1667.5	1502.1	1348.2	1200.8	1051.3	906.3	776.5	659.6	556.6	458.1	363.8
37.5°	1796.1	1616.5	1447.4	1281.9	1121.0	968.6	825.9	696.7	582.8	479.1	378.0
35°	1932.2	1731.4	1539.0	1363.5	1192.8	1027.6	872.2	734.1	613.0	499.6	391.3
32.5°	2063.7	1843.7	1637.5	1444.1	1261.3	1083.3	919.8	773.7	642.0	519.5	403.8
30°	2192.9	1956.5	1731.8	1520.2	1327.7	1141.7	967.5	810.7	669.7	538.7	416.3
27.5°	2312.0	2061.0	1822.2	1598.9	1393.0	1197.1	1012.6	845.0	696.0	558.4	430.9
25°	2423.0	2161.5	1911.3	1674.7	1453.5	1249.6	1054.1	876.8	722.8	579.0	444.3
22.5°	2527.1	2254.8	1992.1	1744.5	1509.6	1297.8	1094.5	910.6	748.1	597.9	456.7
20°	2621.8	2338.8	2064.4	1807.8	1564.2	1343.7	1133.5	940.9	770.7	615.1	467.8
17.5°	2707.0	2415.6	2133.4	1866.9	1615.0	1384.5	1168.1	967.6	790.6	630.5	477.6
15°	2786.2	2485.4	2194.5	1918.5	1659.0	1420.1	1198.2	990.7	807.6	643.8	486.9
12.5°	2854.2	2545.3	2246.2	1962.4	1696.1	1450.1	1223.7	1010.0	821.8	655.8	495.7
10°	2910.2	2594.8	2288.5	1998.2	1726.1	1474.6	1244.4	1026.3	835.1	666.2	502.5
7.5°	2953.8	2633.6	2321.1	2025.9	1749.9	1495.1	1262.0	1040.3	845.8	674.2	507.2
5°	2986.8	2663.8	2349.4	2049.0	1771.7	1511.6	1274.8	1050.4	853.5	679.7	509.9
2.5°	3016.2	2686.5	2371.7	2064.1	1786.6	1522.4	1282.5	1056.5	858.2	682.7	510.5
0°	3032.7	2697.5	2384.0	2070.5	1794.2	1527.2	1285.1	1058.5	859.8	682.9	509.1
-2.5°	3016.2	2686.5	2371.7	2064.1	1786.6	1522.4	1282.5	1056.5	858.2	682.7	510.5
-5°	2986.8	2663.8	2349.4	2049.0	1771.7	1511.6	1274.8	1050.4	853.5	679.7	509.9
-7.5°	2953.8	2633.6	2321.1	2025.9	1749.9	1495.1	1262.0	1040.3	845.8	674.2	507.2
-10°	2910.2	2594.8	2288.5	1998.2	1726.1	1474.6	1244.4	1026.3	835.1	666.2	502.5
-12.5°	2854.2	2545.3	2246.2	1962.4	1696.1	1450.1	1223.7	1010.0	821.8	655.8	495.7
-15°	2786.2	2485.4	2194.5	1918.5	1659.0	1420.1	1198.2	990.7	807.6	643.8	486.9
-17.5°	2707.0	2415.6	2133.4	1866.9	1615.0	1384.5	1168.1	967.6	790.6	630.5	477.6
-20°	2621.8	2338.8	2064.4	1807.8	1564.2	1343.7	1133.5	940.9	770.7	615.1	467.8



REPORT NUMBER: P627001 (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°	2527.1	2254.8	1992.1	1744.5	1509.6	1297.8	1094.5	910.6	748.1	597.9	456.7
-25°	2423.0	2161.5	1911.3	1674.7	1453.5	1249.6	1054.1	876.8	722.8	579.0	444.3
-27.5°	2312.0	2061.0	1822.2	1598.9	1393.0	1197.1	1012.6	845.0	696.0	558.4	430.9
-30°	2192.9	1956.5	1731.8	1520.2	1327.7	1141.7	967.5	810.7	669.7	538.7	416.3
-32.5°	2063.7	1843.7	1637.5	1444.1	1261.3	1083.3	919.8	773.7	642.0	519.5	403.8
-35°	1932.2	1731.4	1539.0	1363.5	1192.8	1027.6	872.2	734.1	613.0	499.6	391.3
-37.5°	1796.1	1616.5	1447.4	1281.9	1121.0	968.6	825.9	696.7	582.8	479.1	378.0
-40°	1667.5	1502.1	1348.2	1200.8	1051.3	906.3	776.5	659.6	556.6	458.1	363.8
-42.5°	1535.3	1390.5	1251.7	1115.8	980.2	848.6	725.1	620.0	529.0	439.3	348.8
-45°	1411.0	1279.3	1155.1	1032.9	907.3	788.0	678.7	579.4	499.5	421.3	333.1
-47.5°	1286.6	1174.0	1061.7	948.7	837.7	726.9	629.8	544.9	468.6	402.5	315.9
-50°	1173.0	1072.0	971.2	867.7	764.2	670.4	581.4	508.8	441.4	378.3	297.3
-52.5°	1064.0	975.9	881.7	786.0	697.0	611.4	539.9	472.0	413.3	351.6	277.3
-55°	959.7	879.5	791.8	708.9	629.4	561.0	497.0	439.9	384.3	323.5	256.2
-57.5°	855.5	781.1	706.9	633.4	568.6	511.1	458.0	407.0	352.9	294.7	235.9
-60°	752.7	689.4	623.4	565.3	511.2	463.3	421.2	372.7	320.3	265.4	212.4
-62.5°	655.1	599.5	549.9	500.0	456.0	418.1	383.3	336.5	287.1	235.7	187.1
-65°	562.3	518.7	476.7	437.7	402.4	371.2	342.2	299.7	251.6	204.8	161.7
-67.5°	472.1	439.5	406.5	374.9	348.8	323.9	299.2	258.7	214.5	172.9	137.4
-70°	390.5	362.9	338.2	317.1	296.4	275.3	249.7	214.8	176.3	143.3	112.5
-72.5°	310.1	291.6	275.1	259.6	242.5	222.3	199.0	170.7	141.1	113.1	86.9
-75°	230.7	223.0	214.8	203.8	188.0	169.8	151.6	129.7	105.3	82.3	65.6
-77.5°	167.3	162.6	156.7	150.1	137.7	123.3	106.7	87.9	71.9	59.1	45.7
-80°	110.7	109.5	106.9	101.8	90.2	77.1	67.2	57.0	47.0	36.6	25.7
-82.5°	61.3	61.9	61.9	60.0	53.0	45.5	37.8	29.7	22.0	14.0	11.2
-85°	29.3	28.6	27.1	24.6	19.3	13.9	12.1	10.5	9.5	8.5	7.4
-87.5°	8.9	9.0	9.0	8.9	7.9	7.0	6.1	5.2	4.7	4.2	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

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REPORT NUMBER: P627001 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-750-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°	3.2	2.7	2.2	1.6	1.1	0.5	0.0
85°	6.4	5.4	4.3	3.2	2.2	0.9	0.0
82.5°	9.6	8.0	6.4	4.8	3.2	1.4	0.0
80°	14.5	10.7	8.6	6.4	4.3	1.9	0.0
77.5°	31.5	16.8	10.7	8.0	5.3	2.3	0.0
75°	48.1	29.0	13.9	9.6	6.4	2.8	0.0
72.5°	64.3	40.9	22.2	11.2	7.4	3.2	0.0
70°	80.4	52.4	30.2	13.4	8.3	3.7	0.0
67.5°	99.7	63.4	37.9	18.3	9.3	4.1	0.0
65°	118.2	75.7	45.3	23.1	10.2	4.5	0.0
62.5°	135.8	89.2	52.2	27.6	11.1	4.9	0.0
60°	152.3	101.9	58.8	31.9	12.0	5.3	0.0
57.5°	169.7	113.9	67.5	36.0	14.4	5.7	0.0
55°	186.3	125.0	75.8	39.8	16.8	6.1	0.0
52.5°	201.6	135.6	83.6	43.2	19.0	6.4	0.0
50°	215.6	146.8	90.7	46.4	21.2	6.7	0.0
47.5°	228.7	157.1	97.1	49.7	23.3	7.1	0.0
45°	243.3	166.3	103.0	54.0	25.3	7.4	0.0
42.5°	256.7	174.6	108.1	58.0	27.1	7.6	0.0
40°	268.8	181.8	113.3	61.9	28.9	7.9	0.0
37.5°	279.7	187.9	118.5	65.9	30.5	8.1	0.0
35°	289.2	195.0	122.9	69.5	32.0	8.3	0.0
32.5°	298.1	202.1	126.6	72.9	33.5	8.5	0.0
30°	307.3	208.1	129.6	76.0	34.7	8.7	0.0
27.5°	315.6	213.1	134.0	78.8	35.9	8.9	0.0
25°	322.9	217.1	138.2	81.4	36.9	9.0	0.0
22.5°	329.1	221.1	141.9	83.6	37.9	9.1	0.0
20°	334.3	226.6	145.0	85.5	38.6	9.2	0.0
17.5°	340.8	231.1	147.7	87.1	39.3	9.3	0.0
15°	347.5	234.6	149.8	88.4	39.8	9.4	0.0
12.5°	352.9	237.1	151.4	89.4	40.2	9.4	0.0
10°	357.1	238.7	152.6	90.1	40.5	9.4	0.0
7.5°	359.9	239.3	153.2	90.5	40.7	9.4	0.0
5°	361.4	239.0	153.3	90.6	40.7	9.4	0.0
2.5°	361.5	237.9	153.0	90.5	40.6	9.4	0.0
0°	360.1	235.9	152.1	90.0	40.4	9.3	0.0
-2.5°	361.5	237.9	153.0	90.5	40.6	9.4	0.0
-5°	361.4	239.0	153.3	90.6	40.7	9.4	0.0
-7.5°	359.9	239.3	153.2	90.5	40.7	9.4	0.0
-10°	357.1	238.7	152.6	90.1	40.5	9.4	0.0
-12.5°	352.9	237.1	151.4	89.4	40.2	9.4	0.0
-15°	347.5	234.6	149.8	88.4	39.8	9.4	0.0
-17.5°	340.8	231.1	147.7	87.1	39.3	9.3	0.0
-20°	334.3	226.6	145.0	85.5	38.6	9.2	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	329.1	221.1	141.9	83.6	37.9	9.1	0.0
-25°	322.9	217.1	138.2	81.4	36.9	9.0	0.0
-27.5°	315.6	213.1	134.0	78.8	35.9	8.9	0.0
-30°	307.3	208.1	129.6	76.0	34.7	8.7	0.0
-32.5°	298.1	202.1	126.6	72.9	33.5	8.5	0.0
-35°	289.2	195.0	122.9	69.5	32.0	8.3	0.0
-37.5°	279.7	187.9	118.5	65.9	30.5	8.1	0.0
-40°	268.8	181.8	113.3	61.9	28.9	7.9	0.0
-42.5°	256.7	174.6	108.1	58.0	27.1	7.6	0.0
-45°	243.3	166.3	103.0	54.0	25.3	7.4	0.0
-47.5°	228.7	157.1	97.1	49.7	23.3	7.1	0.0
-50°	215.6	146.8	90.7	46.4	21.2	6.7	0.0
-52.5°	201.6	135.6	83.6	43.2	19.0	6.4	0.0
-55°	186.3	125.0	75.8	39.8	16.8	6.1	0.0
-57.5°	169.7	113.9	67.5	36.0	14.4	5.7	0.0
-60°	152.3	101.9	58.8	31.9	12.0	5.3	0.0
-62.5°	135.8	89.2	52.2	27.6	11.1	4.9	0.0
-65°	118.2	75.7	45.3	23.1	10.2	4.5	0.0
-67.5°	99.7	63.4	37.9	18.3	9.3	4.1	0.0
-70°	80.4	52.4	30.2	13.4	8.3	3.7	0.0
-72.5°	64.3	40.9	22.2	11.2	7.4	3.2	0.0
-75°	48.1	29.0	13.9	9.6	6.4	2.8	0.0
-77.5°	31.5	16.8	10.7	8.0	5.3	2.3	0.0
-80°	14.5	10.7	8.6	6.4	4.3	1.9	0.0
-82.5°	9.6	8.0	6.4	4.8	3.2	1.4	0.0
-85°	6.4	5.4	4.3	3.2	2.2	0.9	0.0
-87.5°	3.2	2.7	2.2	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)