

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: P627831 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-740-U-VWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627831 (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-SA6B-740-U-VWR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N149
Light Source: (96) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

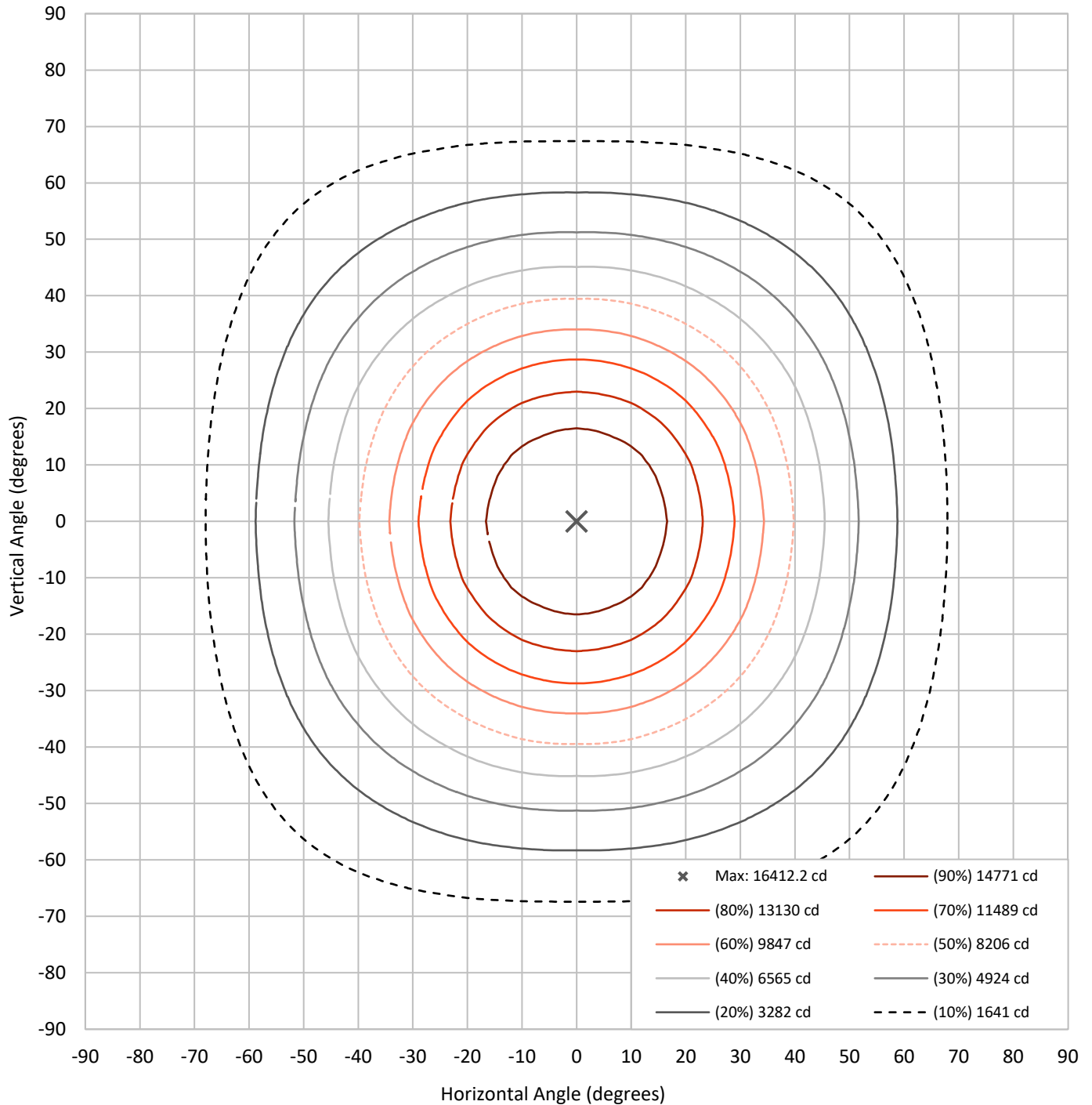
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	29663.7 lumens	Max Intensity:	16412.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	155.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' 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:	17397.9 lumens	Field Lumens:	28279.2 lumens
Beam Efficiency:	58.7%	Field Efficiency:	95.3%
Input Watts (W):	190.6		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



REPORT NUMBER: P627831 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





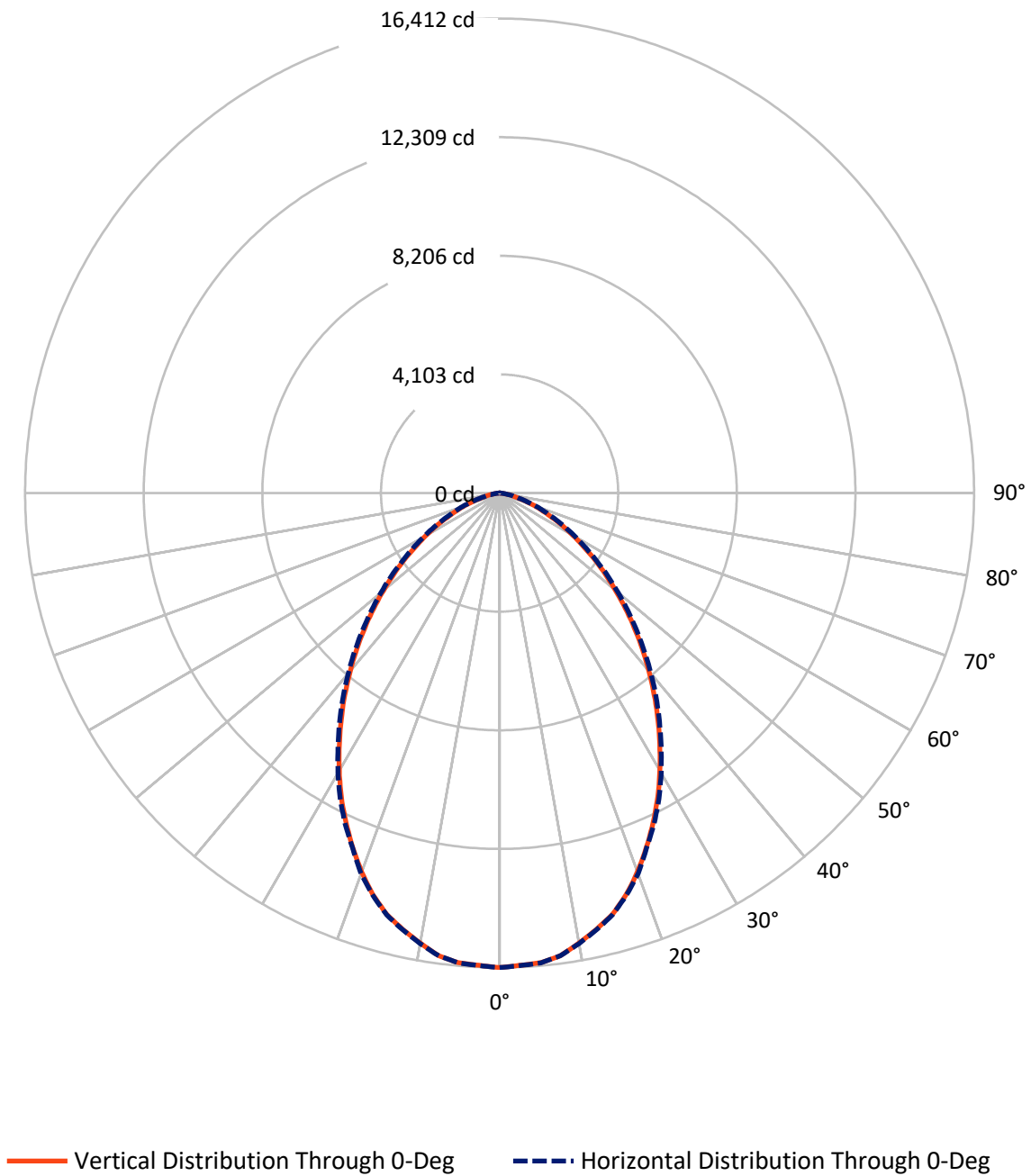
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Lumen Table

90																			
80	1.0	12.2	33.1	56.2	53.0	56.2	33.1	12.2	1.0										
70																			
60	5.5	7.6	15.4	26.2	38.3	49.4	57.8	61.9	61.9	57.8	49.4	38.3	26.2	15.4	7.6				5.5
50		11.4	24.9	44.5	67.4	91.6	111.5	121.8	121.8	111.5	91.6	67.4	44.5	24.9	11.4				
40	9.7	15.3	36.1	66.6	105.5	146.3	180.4	199.1	199.1	180.4	146.3	105.5	66.6	36.1	15.3				9.7
30		19.4	47.8	91.7	147.7	207.1	257.8	286.6	286.6	257.8	207.1	147.7	91.7	47.8	19.4				
20	12.5	23.2	58.8	115.3	188.0	266.9	335.8	375.3	375.3	335.8	266.9	188.0	115.3	58.8	23.2				12.5
10		26.2	67.3	132.9	219.5	315.5	400.1	448.2	448.2	400.1	315.5	219.5	132.9	67.3	26.2				
0	13.5	27.8	72.0	143.0	237.1	342.4	434.9	485.5	485.5	434.9	342.4	237.1	143.0	72.0	27.8				13.5
-10		27.8	72.0	143.0	237.1	342.4	434.9	485.5	485.5	434.9	342.4	237.1	143.0	72.0	27.8				
-20	12.5	26.2	67.3	132.9	219.5	315.5	400.1	448.2	448.2	400.1	315.5	219.5	132.9	67.3	26.2				12.5
-30		23.2	58.8	115.3	188.0	266.9	335.8	375.3	375.3	335.8	266.9	188.0	115.3	58.8	23.2				
-40	9.7	19.4	47.8	91.7	147.7	207.1	257.8	286.6	286.6	257.8	207.1	147.7	91.7	47.8	19.4				9.7
-50		15.3	36.1	66.6	105.5	146.3	180.4	199.1	199.1	180.4	146.3	105.5	66.6	36.1	15.3				
-60	5.5	11.4	24.9	44.5	67.4	91.6	111.5	121.8	121.8	111.5	91.6	67.4	44.5	24.9	11.4				5.5
-70		7.6	15.4	26.2	38.3	49.4	57.8	61.9	61.9	57.8	49.4	38.3	26.2	15.4	7.6				
-80	1.0	12.2	33.1	56.2	53.0	56.2	33.1	12.2	1.0										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

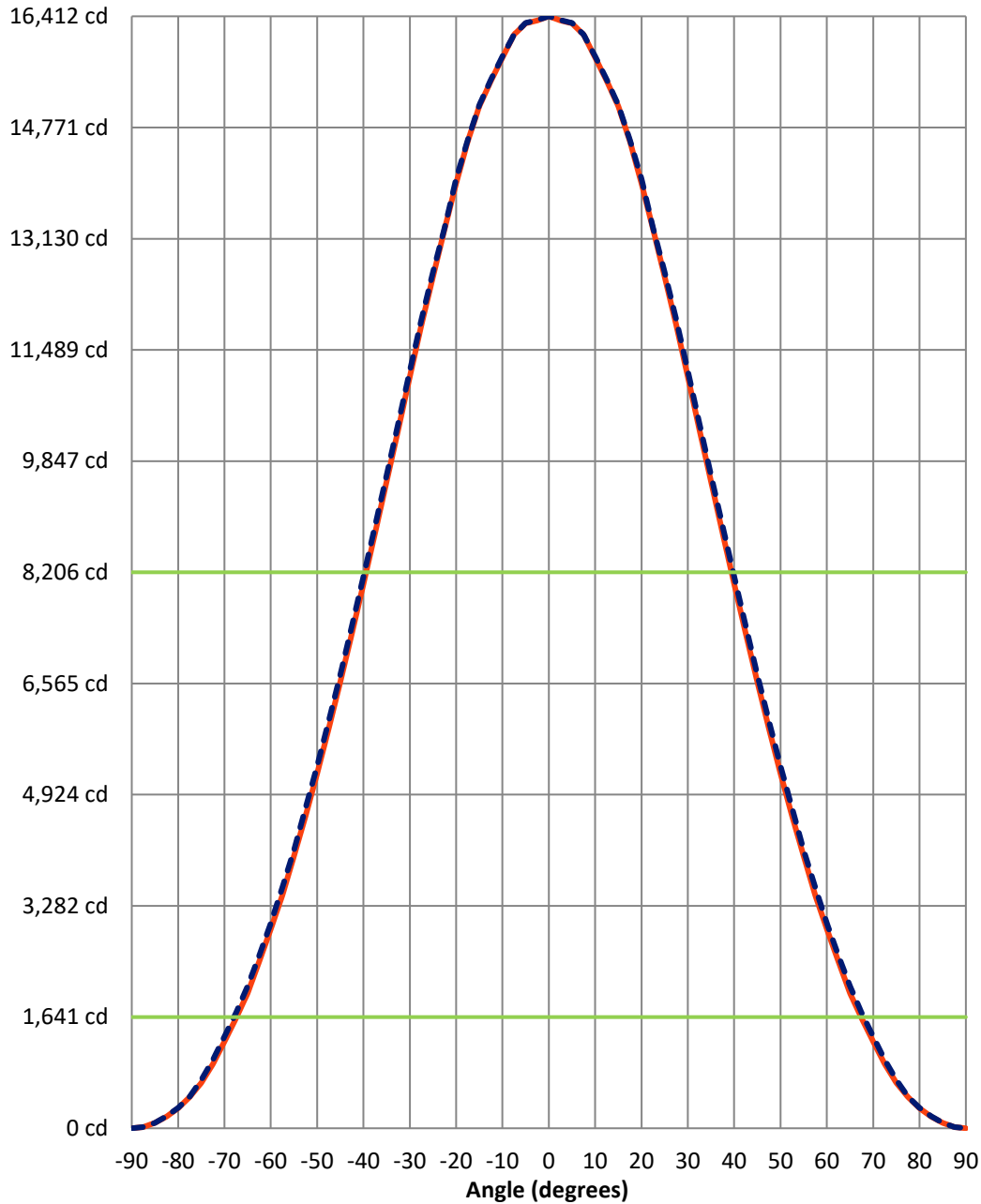
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 79.6°
 V Angle: 78.9°
 Lumens: 17397.9
 Efficiency: 58.7%

Field:
 H Angle: 135.9°
 V Angle: 134.8°
 Lumens: 28279.2
 Efficiency: 95.3%

Spill:
 Lumens: 1384.4
 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	0.9	2.1	3.2	4.3	5.3	6.4	7.4	8.4	9.4	10.4
85°	0.0	1.9	4.3	6.4	8.5	10.6	12.7	14.8	16.8	18.8	20.8
82.5°	0.0	2.8	6.4	9.6	12.8	15.9	19.0	22.1	27.7	43.6	58.9
80°	0.0	3.7	8.5	12.8	17.0	21.2	28.7	51.0	72.5	93.2	113.0
77.5°	0.0	4.6	10.6	15.9	21.2	33.2	62.4	90.6	117.1	142.6	174.1
75°	0.0	5.5	12.6	19.0	27.6	57.5	95.4	129.9	163.1	208.6	257.0
72.5°	0.0	6.4	14.6	22.1	44.0	81.1	127.3	172.2	224.2	279.7	338.4
70°	0.0	7.3	16.6	26.5	59.9	103.8	159.3	222.9	284.1	349.4	425.7
67.5°	0.0	8.2	18.5	36.3	75.1	125.6	197.6	272.4	342.7	425.1	512.7
65°	0.0	9.0	20.3	45.8	89.7	150.0	234.3	320.6	406.0	498.7	594.0
62.5°	0.0	9.8	22.1	54.8	103.5	176.7	269.1	370.9	467.1	568.9	666.8
60°	0.0	10.6	23.8	63.3	116.5	202.0	301.9	420.9	526.0	634.7	738.5
57.5°	0.0	11.3	28.6	71.3	133.8	225.7	336.4	467.4	584.0	699.3	806.5
55°	0.0	12.0	33.2	78.8	150.2	247.8	369.2	507.6	641.1	761.7	871.8
52.5°	0.0	12.7	37.7	85.7	165.6	268.7	399.4	549.4	696.8	819.1	935.4
50°	0.0	13.4	42.0	92.0	179.7	291.0	427.2	589.1	749.7	874.8	1008.3
47.5°	0.0	14.0	46.1	98.5	192.5	311.3	453.2	626.0	797.7	928.7	1079.8
45°	0.0	14.6	50.1	107.1	204.1	329.6	482.1	660.0	835.0	989.8	1148.1
42.5°	0.0	15.2	53.7	114.8	214.3	345.9	508.6	691.3	870.7	1048.2	1228.6
40°	0.0	15.7	57.2	122.7	224.6	360.2	532.7	720.9	907.8	1103.0	1307.0
37.5°	0.0	16.1	60.5	130.5	234.8	372.3	554.2	749.0	949.4	1154.9	1380.6
35°	0.0	16.6	63.5	137.8	243.6	386.4	573.2	775.5	990.0	1214.7	1454.7
32.5°	0.0	17.0	66.3	144.5	250.9	400.5	590.8	800.2	1029.4	1272.2	1533.1
30°	0.0	17.3	68.8	150.7	256.8	412.5	609.1	825.0	1067.5	1327.1	1606.5
27.5°	0.0	17.7	71.1	156.2	265.6	422.4	625.5	853.8	1106.6	1379.2	1674.5
25°	0.0	17.9	73.2	161.2	273.9	430.3	639.9	880.5	1147.4	1432.3	1737.5
22.5°	0.0	18.2	75.0	165.6	281.1	438.3	652.3	905.0	1184.9	1482.5	1804.5
20°	0.0	18.4	76.5	169.4	287.4	449.1	662.5	927.1	1219.0	1527.4	1864.6
17.5°	0.0	18.5	77.8	172.6	292.6	458.0	675.3	946.4	1249.4	1566.8	1917.7
15°	0.0	18.6	78.9	175.2	296.9	465.0	688.6	965.0	1275.8	1600.6	1963.4
12.5°	0.0	18.7	79.7	177.2	300.1	470.0	699.4	982.3	1299.7	1628.6	2001.6
10°	0.0	18.7	80.2	178.6	302.3	473.1	707.6	995.7	1320.3	1654.9	2033.9
7.5°	0.0	18.7	80.5	179.5	303.6	474.3	713.2	1005.1	1336.1	1676.2	2061.7
5°	0.0	18.7	80.6	179.7	303.8	473.8	716.1	1010.4	1347.1	1691.5	2081.7
2.5°	0.0	18.6	80.4	179.3	303.1	471.5	716.3	1011.6	1352.8	1700.9	2093.7
0°	0.0	18.5	80.0	178.4	301.4	467.5	713.6	1008.8	1353.3	1704.0	2097.7
-2.5°	0.0	18.6	80.4	179.3	303.1	471.5	716.3	1011.6	1352.8	1700.9	2093.7
-5°	0.0	18.7	80.6	179.7	303.8	473.8	716.1	1010.4	1347.1	1691.5	2081.7
-7.5°	0.0	18.7	80.5	179.5	303.6	474.3	713.2	1005.1	1336.1	1676.2	2061.7
-10°	0.0	18.7	80.2	178.6	302.3	473.1	707.6	995.7	1320.3	1654.9	2033.9
-12.5°	0.0	18.7	79.7	177.2	300.1	470.0	699.4	982.3	1299.7	1628.6	2001.6
-15°	0.0	18.6	78.9	175.2	296.9	465.0	688.6	965.0	1275.8	1600.6	1963.4
-17.5°	0.0	18.5	77.8	172.6	292.6	458.0	675.3	946.4	1249.4	1566.8	1917.7
-20°	0.0	18.4	76.5	169.4	287.4	449.1	662.5	927.1	1219.0	1527.4	1864.6

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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	18.2	75.0	165.6	281.1	438.3	652.3	905.0	1184.9	1482.5	1804.5
-25°	0.0	17.9	73.2	161.2	273.9	430.3	639.9	880.5	1147.4	1432.3	1737.5
-27.5°	0.0	17.7	71.1	156.2	265.6	422.4	625.5	853.8	1106.6	1379.2	1674.5
-30°	0.0	17.3	68.8	150.7	256.8	412.5	609.1	825.0	1067.5	1327.1	1606.5
-32.5°	0.0	17.0	66.3	144.5	250.9	400.5	590.8	800.2	1029.4	1272.2	1533.1
-35°	0.0	16.6	63.5	137.8	243.6	386.4	573.2	775.5	990.0	1214.7	1454.7
-37.5°	0.0	16.1	60.5	130.5	234.8	372.3	554.2	749.0	949.4	1154.9	1380.6
-40°	0.0	15.7	57.2	122.7	224.6	360.2	532.7	720.9	907.8	1103.0	1307.0
-42.5°	0.0	15.2	53.7	114.8	214.3	345.9	508.6	691.3	870.7	1048.2	1228.6
-45°	0.0	14.6	50.1	107.1	204.1	329.6	482.1	660.0	835.0	989.8	1148.1
-47.5°	0.0	14.0	46.1	98.5	192.5	311.3	453.2	626.0	797.7	928.7	1079.8
-50°	0.0	13.4	42.0	92.0	179.7	291.0	427.2	589.1	749.7	874.8	1008.3
-52.5°	0.0	12.7	37.7	85.7	165.6	268.7	399.4	549.4	696.8	819.1	935.4
-55°	0.0	12.0	33.2	78.8	150.2	247.8	369.2	507.6	641.1	761.7	871.8
-57.5°	0.0	11.3	28.6	71.3	133.8	225.7	336.4	467.4	584.0	699.3	806.5
-60°	0.0	10.6	23.8	63.3	116.5	202.0	301.9	420.9	526.0	634.7	738.5
-62.5°	0.0	9.8	22.1	54.8	103.5	176.7	269.1	370.9	467.1	568.9	666.8
-65°	0.0	9.0	20.3	45.8	89.7	150.0	234.3	320.6	406.0	498.7	594.0
-67.5°	0.0	8.2	18.5	36.3	75.1	125.6	197.6	272.4	342.7	425.1	512.7
-70°	0.0	7.3	16.6	26.5	59.9	103.8	159.3	222.9	284.1	349.4	425.7
-72.5°	0.0	6.4	14.6	22.1	44.0	81.1	127.3	172.2	224.2	279.7	338.4
-75°	0.0	5.5	12.6	19.0	27.6	57.5	95.4	129.9	163.1	208.6	257.0
-77.5°	0.0	4.6	10.6	15.9	21.2	33.2	62.4	90.6	117.1	142.6	174.1
-80°	0.0	3.7	8.5	12.8	17.0	21.2	28.7	51.0	72.5	93.2	113.0
-82.5°	0.0	2.8	6.4	9.6	12.8	15.9	19.0	22.1	27.7	43.6	58.9
-85°	0.0	1.9	4.3	6.4	8.5	10.6	12.7	14.8	16.8	18.8	20.8
-87.5°	0.0	0.9	2.1	3.2	4.3	5.3	6.4	7.4	8.4	9.4	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



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	12.1	13.8	15.7	17.7	17.8	17.8	17.7	17.4	18.1	18.8	19.5
85°	24.1	27.6	38.4	48.7	53.7	56.8	58.2	57.9	67.4	78.3	90.1
82.5°	74.9	90.3	105.0	119.0	122.6	122.7	121.5	121.9	144.0	169.4	195.4
80°	133.3	152.8	178.8	201.8	211.8	217.0	219.3	219.0	246.9	284.2	323.4
77.5°	211.4	244.4	273.0	297.4	310.6	322.2	331.6	338.9	374.8	422.0	468.7
75°	300.5	336.7	372.5	403.9	425.7	442.0	457.1	481.4	528.5	583.5	631.4
72.5°	394.4	440.6	480.6	514.6	545.3	578.0	614.4	654.4	704.2	759.1	809.1
70°	494.8	545.5	587.5	628.4	670.2	719.1	773.8	827.7	883.2	943.8	1002.2
67.5°	593.0	641.9	691.3	742.9	805.6	871.0	935.7	1010.0	1086.0	1153.4	1213.6
65°	678.2	735.6	797.4	867.5	944.9	1027.9	1114.3	1203.5	1299.9	1380.8	1454.5
62.5°	759.7	828.7	903.7	991.0	1089.7	1188.1	1298.3	1409.9	1518.5	1613.8	1701.8
60°	834.7	918.3	1013.2	1120.2	1235.4	1366.2	1491.7	1618.7	1737.8	1845.7	1956.9
57.5°	907.7	1012.9	1126.7	1255.2	1400.9	1547.8	1695.4	1832.0	1966.8	2098.2	2224.0
55°	985.0	1111.7	1247.2	1404.9	1569.1	1742.8	1901.8	2054.2	2202.7	2362.2	2513.8
52.5°	1070.0	1211.6	1381.1	1557.6	1747.3	1933.8	2108.4	2282.0	2461.5	2642.0	2839.3
50°	1152.1	1328.6	1514.4	1719.6	1924.5	2124.3	2324.6	2524.5	2739.5	2960.9	3184.6
47.5°	1247.9	1440.5	1660.1	1880.1	2104.0	2326.4	2549.5	2791.1	3035.4	3292.2	3539.6
45°	1345.0	1561.5	1798.0	2046.9	2289.0	2535.2	2796.1	3063.2	3349.6	3632.0	3929.7
42.5°	1436.9	1681.7	1942.4	2211.2	2480.5	2755.6	3042.5	3354.4	3667.5	3993.2	4320.3
40°	1538.8	1796.0	2083.4	2379.5	2671.7	2976.7	3304.5	3642.4	3996.6	4354.7	4709.9
37.5°	1636.7	1919.4	2221.6	2540.3	2868.2	3203.3	3559.3	3942.8	4327.0	4712.4	5104.1
35°	1728.4	2036.5	2363.8	2702.1	3049.9	3431.1	3829.1	4238.4	4654.6	5071.5	5492.8
32.5°	1822.8	2146.8	2499.6	2861.7	3245.0	3653.8	4089.7	4533.3	4976.5	5421.6	5882.8
30°	1917.3	2262.6	2631.2	3012.6	3431.9	3877.3	4345.8	4815.6	5284.6	5774.4	6265.9
27.5°	2006.6	2372.4	2760.5	3168.6	3611.0	4084.3	4581.8	5085.1	5590.8	6111.5	6635.7
25°	2088.9	2476.4	2880.5	3318.8	3787.6	4283.4	4801.7	5327.0	5881.5	6438.7	6986.1
22.5°	2169.1	2572.0	2991.6	3457.1	3947.7	4468.3	5008.1	5562.7	6142.1	6740.5	7307.0
20°	2246.3	2662.9	3099.8	3582.4	4091.0	4634.9	5195.6	5776.4	6384.3	6998.7	7608.1
17.5°	2314.9	2743.8	3200.5	3699.6	4227.8	4787.1	5364.6	5964.5	6599.4	7236.3	7882.0
15°	2374.6	2814.2	3287.7	3801.9	4348.7	4925.4	5521.4	6138.4	6789.7	7452.8	8124.1
12.5°	2425.0	2873.8	3361.1	3888.8	4451.3	5044.1	5656.2	6294.8	6963.7	7645.4	8336.1
10°	2466.0	2922.3	3420.6	3959.9	4535.1	5142.2	5767.2	6423.8	7112.7	7809.3	8514.5
7.5°	2500.9	2962.9	3467.7	4014.7	4599.6	5218.9	5853.6	6524.4	7231.4	7937.1	8657.8
5°	2526.3	2995.6	3511.0	4060.6	4655.8	5279.0	5919.1	6596.1	7318.3	8028.0	8761.7
2.5°	2541.6	3017.0	3540.5	4090.4	4700.0	5323.9	5977.2	6659.4	7381.9	8100.2	8839.8
0°	2546.7	3026.5	3555.6	4103.1	4724.4	5345.7	6010.0	6692.8	7412.6	8144.6	8888.9
-2.5°	2541.6	3017.0	3540.5	4090.4	4700.0	5323.9	5977.2	6659.4	7381.9	8100.2	8839.8
-5°	2526.3	2995.6	3511.0	4060.6	4655.8	5279.0	5919.1	6596.1	7318.3	8028.0	8761.7
-7.5°	2500.9	2962.9	3467.7	4014.7	4599.6	5218.9	5853.6	6524.4	7231.4	7937.1	8657.8
-10°	2466.0	2922.3	3420.6	3959.9	4535.1	5142.2	5767.2	6423.8	7112.7	7809.3	8514.5
-12.5°	2425.0	2873.8	3361.1	3888.8	4451.3	5044.1	5656.2	6294.8	6963.7	7645.4	8336.1
-15°	2374.6	2814.2	3287.7	3801.9	4348.7	4925.4	5521.4	6138.4	6789.7	7452.8	8124.1
-17.5°	2314.9	2743.8	3200.5	3699.6	4227.8	4787.1	5364.6	5964.5	6599.4	7236.3	7882.0
-20°	2246.3	2662.9	3099.8	3582.4	4091.0	4634.9	5195.6	5776.4	6384.3	6998.7	7608.1



REPORT NUMBER: P627831 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-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°	2169.1	2572.0	2991.6	3457.1	3947.7	4468.3	5008.1	5562.7	6142.1	6740.5	7307.0
-25°	2088.9	2476.4	2880.5	3318.8	3787.6	4283.4	4801.7	5327.0	5881.5	6438.7	6986.1
-27.5°	2006.6	2372.4	2760.5	3168.6	3611.0	4084.3	4581.8	5085.1	5590.8	6111.5	6635.7
-30°	1917.3	2262.6	2631.2	3012.6	3431.9	3877.3	4345.8	4815.6	5284.6	5774.4	6265.9
-32.5°	1822.8	2146.8	2499.6	2861.7	3245.0	3653.8	4089.7	4533.3	4976.5	5421.6	5882.8
-35°	1728.4	2036.5	2363.8	2702.1	3049.9	3431.1	3829.1	4238.4	4654.6	5071.5	5492.8
-37.5°	1636.7	1919.4	2221.6	2540.3	2868.2	3203.3	3559.3	3942.8	4327.0	4712.4	5104.1
-40°	1538.8	1796.0	2083.4	2379.5	2671.7	2976.7	3304.5	3642.4	3996.6	4354.7	4709.9
-42.5°	1436.9	1681.7	1942.4	2211.2	2480.5	2755.6	3042.5	3354.4	3667.5	3993.2	4320.3
-45°	1345.0	1561.5	1798.0	2046.9	2289.0	2535.2	2796.1	3063.2	3349.6	3632.0	3929.7
-47.5°	1247.9	1440.5	1660.1	1880.1	2104.0	2326.4	2549.5	2791.1	3035.4	3292.2	3539.6
-50°	1152.1	1328.6	1514.4	1719.6	1924.5	2124.3	2324.6	2524.5	2739.5	2960.9	3184.6
-52.5°	1070.0	1211.6	1381.1	1557.6	1747.3	1933.8	2108.4	2282.0	2461.5	2642.0	2839.3
-55°	985.0	1111.7	1247.2	1404.9	1569.1	1742.8	1901.8	2054.2	2202.7	2362.2	2513.8
-57.5°	907.7	1012.9	1126.7	1255.2	1400.9	1547.8	1695.4	1832.0	1966.8	2098.2	2224.0
-60°	834.7	918.3	1013.2	1120.2	1235.4	1366.2	1491.7	1618.7	1737.8	1845.7	1956.9
-62.5°	759.7	828.7	903.7	991.0	1089.7	1188.1	1298.3	1409.9	1518.5	1613.8	1701.8
-65°	678.2	735.6	797.4	867.5	944.9	1027.9	1114.3	1203.5	1299.9	1380.8	1454.5
-67.5°	593.0	641.9	691.3	742.9	805.6	871.0	935.7	1010.0	1086.0	1153.4	1213.6
-70°	494.8	545.5	587.5	628.4	670.2	719.1	773.8	827.7	883.2	943.8	1002.2
-72.5°	394.4	440.6	480.6	514.6	545.3	578.0	614.4	654.4	704.2	759.1	809.1
-75°	300.5	336.7	372.5	403.9	425.7	442.0	457.1	481.4	528.5	583.5	631.4
-77.5°	211.4	244.4	273.0	297.4	310.6	322.2	331.6	338.9	374.8	422.0	468.7
-80°	133.3	152.8	178.8	201.8	211.8	217.0	219.3	219.0	246.9	284.2	323.4
-82.5°	74.9	90.3	105.0	119.0	122.6	122.7	121.5	121.9	144.0	169.4	195.4
-85°	24.1	27.6	38.4	48.7	53.7	56.8	58.2	57.9	67.4	78.3	90.1
-87.5°	12.1	13.8	15.7	17.7	17.8	17.8	17.7	17.4	18.1	18.8	19.5
-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: P627831 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-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°	20.1	20.7	21.3	21.8	22.3	22.7	23.1	23.5	23.8	22.5	21.2
85°	102.7	110.0	116.8	123.3	129.5	135.3	140.8	145.9	150.6	137.6	123.2
82.5°	221.9	239.7	256.6	273.5	290.2	294.4	295.7	295.1	292.8	269.9	244.5
80°	362.2	392.4	420.8	449.0	476.8	480.0	476.8	471.1	463.0	432.9	398.8
77.5°	515.4	553.3	586.6	617.0	644.8	650.0	649.2	647.8	645.6	614.9	577.7
75°	672.4	709.5	745.3	775.8	801.2	812.9	818.6	822.6	824.9	802.8	774.0
72.5°	854.4	893.1	924.7	954.3	979.3	997.4	1010.4	1020.2	1026.9	1020.2	1008.4
70°	1052.0	1093.4	1128.3	1161.7	1195.6	1222.8	1243.4	1258.3	1267.7	1273.9	1278.3
67.5°	1274.4	1330.1	1378.6	1420.0	1461.1	1499.5	1531.2	1557.0	1576.9	1593.9	1606.9
65°	1525.0	1596.1	1659.2	1717.1	1770.1	1825.9	1871.7	1910.2	1941.1	1966.7	1987.2
62.5°	1788.5	1875.6	1956.6	2035.1	2112.1	2187.9	2246.1	2299.0	2346.1	2386.6	2418.9
60°	2062.2	2161.2	2269.9	2373.6	2469.0	2556.2	2642.8	2717.8	2782.0	2835.2	2878.1
57.5°	2356.5	2484.8	2611.7	2740.5	2862.2	2976.1	3082.7	3176.7	3256.2	3321.4	3376.1
55°	2674.4	2834.8	2982.1	3144.6	3301.5	3444.5	3570.2	3680.8	3776.5	3856.6	3924.6
52.5°	3023.9	3218.8	3410.2	3595.0	3773.2	3939.0	4089.7	4218.4	4333.0	4431.1	4509.5
50°	3406.4	3629.4	3851.2	4056.8	4261.5	4452.6	4625.2	4774.7	4907.9	5023.3	5114.2
47.5°	3806.4	4060.2	4307.8	4543.2	4769.8	4982.2	5169.2	5339.5	5505.7	5641.2	5748.4
45°	4221.8	4506.5	4779.7	5048.8	5298.3	5536.3	5767.0	5979.0	6149.6	6298.9	6424.3
42.5°	4642.1	4959.8	5265.7	5559.2	5833.6	6108.9	6368.3	6600.2	6794.7	6964.5	7107.0
40°	5068.0	5415.7	5752.8	6072.9	6386.5	6686.6	6967.3	7211.8	7431.2	7632.8	7800.7
37.5°	5491.7	5874.3	6247.7	6606.2	6951.6	7276.7	7580.0	7856.3	8103.8	8333.5	8520.0
35°	5917.3	6337.0	6745.7	7140.4	7517.7	7876.4	8208.4	8522.8	8814.5	9047.2	9238.0
32.5°	6341.2	6792.5	7237.4	7671.8	8084.7	8471.4	8831.2	9178.6	9478.7	9734.4	9953.8
30°	6751.5	7240.3	7724.7	8195.7	8641.8	9060.9	9459.3	9826.6	10149.3	10428.9	10675.0
27.5°	7154.0	7679.2	8199.0	8702.2	9184.5	9639.9	10074.6	10472.9	10825.1	11129.1	11388.5
25°	7534.5	8099.0	8653.0	9186.6	9701.7	10204.1	10673.4	11108.2	11484.3	11818.0	12084.6
22.5°	7898.0	8500.0	9082.1	9643.4	10194.5	10735.9	11249.8	11703.7	12102.3	12451.2	12746.3
20°	8236.7	8881.7	9477.4	10070.9	10651.4	11229.5	11781.2	12260.2	12682.0	13053.3	13378.6
17.5°	8553.2	9214.9	9842.0	10474.0	11085.8	11692.3	12252.8	12766.2	13221.2	13615.6	13956.2
15°	8821.2	9489.4	10174.3	10849.1	11494.2	12108.4	12668.3	13204.5	13709.9	14136.4	14481.7
12.5°	9038.2	9733.1	10447.6	11163.9	11846.2	12459.5	13045.8	13589.8	14120.5	14599.5	14917.0
10°	9223.1	9938.7	10676.3	11406.9	12098.3	12747.2	13384.6	13959.7	14481.3	14910.2	15264.8
7.5°	9383.0	10120.1	10869.3	11601.0	12290.1	12960.7	13616.8	14227.6	14754.1	15158.2	15474.5
5°	9500.9	10255.6	11019.2	11757.7	12456.4	13129.1	13788.2	14391.4	14905.3	15316.5	15661.4
2.5°	9585.3	10347.0	11116.2	11855.6	12569.8	13244.2	13919.8	14529.8	15027.5	15404.2	15734.5
0°	9639.4	10402.2	11177.3	11933.9	12635.2	13287.3	14013.1	14585.2	15101.9	15477.2	15821.7
-2.5°	9585.3	10347.0	11116.2	11855.6	12569.8	13244.2	13919.8	14529.8	15027.5	15404.2	15734.5
-5°	9500.9	10255.6	11019.2	11757.7	12456.4	13129.1	13788.2	14391.4	14905.3	15316.5	15661.4
-7.5°	9383.0	10120.1	10869.3	11601.0	12290.1	12960.7	13616.8	14227.6	14754.1	15158.2	15474.5
-10°	9223.1	9938.7	10676.3	11406.9	12098.3	12747.2	13384.6	13959.7	14481.3	14910.2	15264.8
-12.5°	9038.2	9733.1	10447.6	11163.9	11846.2	12459.5	13045.8	13589.8	14120.5	14599.5	14917.0
-15°	8821.2	9489.4	10174.3	10849.1	11494.2	12108.4	12668.3	13204.5	13709.9	14136.4	14481.7
-17.5°	8553.2	9214.9	9842.0	10474.0	11085.8	11692.3	12252.8	12766.2	13221.2	13615.6	13956.2
-20°	8236.7	8881.7	9477.4	10070.9	10651.4	11229.5	11781.2	12260.2	12682.0	13053.3	13378.6



REPORT NUMBER: P627831 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-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°	7898.0	8500.0	9082.1	9643.4	10194.5	10735.9	11249.8	11703.7	12102.3	12451.2	12746.3
-25°	7534.5	8099.0	8653.0	9186.6	9701.7	10204.1	10673.4	11108.2	11484.3	11818.0	12084.6
-27.5°	7154.0	7679.2	8199.0	8702.2	9184.5	9639.9	10074.6	10472.9	10825.1	11129.1	11388.5
-30°	6751.5	7240.3	7724.7	8195.7	8641.8	9060.9	9459.3	9826.6	10149.3	10428.9	10675.0
-32.5°	6341.2	6792.5	7237.4	7671.8	8084.7	8471.4	8831.2	9178.6	9478.7	9734.4	9953.8
-35°	5917.3	6337.0	6745.7	7140.4	7517.7	7876.4	8208.4	8522.8	8814.5	9047.2	9238.0
-37.5°	5491.7	5874.3	6247.7	6606.2	6951.6	7276.7	7580.0	7856.3	8103.8	8333.5	8520.0
-40°	5068.0	5415.7	5752.8	6072.9	6386.5	6686.6	6967.3	7211.8	7431.2	7632.8	7800.7
-42.5°	4642.1	4959.8	5265.7	5559.2	5833.6	6108.9	6368.3	6600.2	6794.7	6964.5	7107.0
-45°	4221.8	4506.5	4779.7	5048.8	5298.3	5536.3	5767.0	5979.0	6149.6	6298.9	6424.3
-47.5°	3806.4	4060.2	4307.8	4543.2	4769.8	4982.2	5169.2	5339.5	5505.7	5641.2	5748.4
-50°	3406.4	3629.4	3851.2	4056.8	4261.5	4452.6	4625.2	4774.7	4907.9	5023.3	5114.2
-52.5°	3023.9	3218.8	3410.2	3595.0	3773.2	3939.0	4089.7	4218.4	4333.0	4431.1	4509.5
-55°	2674.4	2834.8	2982.1	3144.6	3301.5	3444.5	3570.2	3680.8	3776.5	3856.6	3924.6
-57.5°	2356.5	2484.8	2611.7	2740.5	2862.2	2976.1	3082.7	3176.7	3256.2	3321.4	3376.1
-60°	2062.2	2161.2	2269.9	2373.6	2469.0	2556.2	2642.8	2717.8	2782.0	2835.2	2878.1
-62.5°	1788.5	1875.6	1956.6	2035.1	2112.1	2187.9	2246.1	2299.0	2346.1	2386.6	2418.9
-65°	1525.0	1596.1	1659.2	1717.1	1770.1	1825.9	1871.7	1910.2	1941.1	1966.7	1987.2
-67.5°	1274.4	1330.1	1378.6	1420.0	1461.1	1499.5	1531.2	1557.0	1576.9	1593.9	1606.9
-70°	1052.0	1093.4	1128.3	1161.7	1195.6	1222.8	1243.4	1258.3	1267.7	1273.9	1278.3
-72.5°	854.4	893.1	924.7	954.3	979.3	997.4	1010.4	1020.2	1026.9	1020.2	1008.4
-75°	672.4	709.5	745.3	775.8	801.2	812.9	818.6	822.6	824.9	802.8	774.0
-77.5°	515.4	553.3	586.6	617.0	644.8	650.0	649.2	647.8	645.6	614.9	577.7
-80°	362.2	392.4	420.8	449.0	476.8	480.0	476.8	471.1	463.0	432.9	398.8
-82.5°	221.9	239.7	256.6	273.5	290.2	294.4	295.7	295.1	292.8	269.9	244.5
-85°	102.7	110.0	116.8	123.3	129.5	135.3	140.8	145.9	150.6	137.6	123.2
-87.5°	20.1	20.7	21.3	21.8	22.3	22.7	23.1	23.5	23.8	22.5	21.2
-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: P627831 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-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°	19.9	18.4	18.5	18.5	18.5	18.4	19.9	21.2	22.5	23.8	23.5
85°	107.9	91.9	86.0	80.0	86.0	91.9	107.9	123.2	137.6	150.6	145.9
82.5°	217.8	190.1	181.3	172.2	181.3	190.1	217.8	244.5	269.9	292.8	295.1
80°	362.8	325.1	310.4	295.3	310.4	325.1	362.8	398.8	432.9	463.0	471.1
77.5°	538.4	497.1	479.5	461.4	479.5	497.1	538.4	577.7	614.9	645.6	647.8
75°	743.5	711.2	691.6	670.5	691.6	711.2	743.5	774.0	802.8	824.9	822.6
72.5°	994.8	979.0	964.8	947.3	964.8	979.0	994.8	1008.4	1020.2	1026.9	1020.2
70°	1279.7	1277.7	1280.3	1279.5	1280.3	1277.7	1279.7	1278.3	1273.9	1267.7	1258.3
67.5°	1613.6	1614.0	1620.9	1624.0	1620.9	1614.0	1613.6	1606.9	1593.9	1576.9	1557.0
65°	1999.8	2004.5	2002.8	1993.1	2002.8	2004.5	1999.8	1987.2	1966.7	1941.1	1910.2
62.5°	2441.8	2455.0	2462.3	2460.6	2462.3	2455.0	2441.8	2418.9	2386.6	2346.1	2299.0
60°	2910.2	2931.0	2941.5	2940.4	2941.5	2931.0	2910.2	2878.1	2835.2	2782.0	2717.8
57.5°	3416.9	3443.6	3449.8	3438.7	3449.8	3443.6	3416.9	3376.1	3321.4	3256.2	3176.7
55°	3975.8	4010.0	4023.1	4016.9	4023.1	4010.0	3975.8	3924.6	3856.6	3776.5	3680.8
52.5°	4566.9	4603.8	4616.9	4607.5	4616.9	4603.8	4566.9	4509.5	4431.1	4333.0	4218.4
50°	5180.8	5225.5	5243.5	5234.9	5243.5	5225.5	5180.8	5114.2	5023.3	4907.9	4774.7
47.5°	5832.4	5891.9	5915.1	5899.3	5915.1	5891.9	5832.4	5748.4	5641.2	5505.7	5339.5
45°	6518.0	6579.7	6603.7	6588.3	6603.7	6579.7	6518.0	6424.3	6298.9	6149.6	5979.0
42.5°	7216.0	7296.2	7330.1	7301.8	7330.1	7296.2	7216.0	7107.0	6964.5	6794.7	6600.2
40°	7926.2	8013.2	8053.4	8033.9	8053.4	8013.2	7926.2	7800.7	7632.8	7431.2	7211.8
37.5°	8654.7	8741.3	8783.8	8784.4	8783.8	8741.3	8654.7	8520.0	8333.5	8103.8	7856.3
35°	9385.8	9490.7	9550.0	9547.1	9550.0	9490.7	9385.8	9238.0	9047.2	8814.5	8522.8
32.5°	10127.2	10240.7	10301.4	10309.9	10301.4	10240.7	10127.2	9953.8	9734.4	9478.7	9178.6
30°	10867.3	10992.2	11062.4	11091.2	11062.4	10992.2	10867.3	10675.0	10428.9	10149.3	9826.6
27.5°	11585.1	11738.8	11844.8	11854.0	11844.8	11738.8	11585.1	11388.5	11129.1	10825.1	10472.9
25°	12280.3	12436.7	12545.4	12567.5	12545.4	12436.7	12280.3	12084.6	11818.0	11484.3	11108.2
22.5°	12965.5	13128.9	13229.2	13268.8	13229.2	13128.9	12965.5	12746.3	12451.2	12102.3	11703.7
20°	13619.5	13796.7	13903.1	13945.5	13903.1	13796.7	13619.5	13378.6	13053.3	12682.0	12260.2
17.5°	14211.2	14398.4	14529.8	14566.8	14529.8	14398.4	14211.2	13956.2	13615.6	13221.2	12766.2
15°	14731.9	14909.5	15034.2	15083.5	15034.2	14909.5	14731.9	14481.7	14136.4	13709.9	13204.5
12.5°	15155.8	15314.6	15412.4	15458.7	15412.4	15314.6	15155.8	14917.0	14599.5	14120.5	13589.8
10°	15486.9	15646.3	15739.6	15803.2	15739.6	15646.3	15486.9	15264.8	14910.2	14481.3	13959.7
7.5°	15774.3	15937.6	16051.7	16141.6	16051.7	15937.6	15774.3	15474.5	15158.2	14754.1	14227.6
5°	15933.0	16205.6	16246.6	16307.6	16246.6	16205.6	15933.0	15661.4	15316.5	14905.3	14391.4
2.5°	16054.0	16247.3	16363.5	16350.7	16363.5	16247.3	16054.0	15734.5	15404.2	15027.5	14529.8
0°	16141.6	16313.8	16356.9	16412.2	16356.9	16313.8	16141.6	15821.7	15477.2	15101.9	14585.2
-2.5°	16054.0	16247.3	16363.5	16350.7	16363.5	16247.3	16054.0	15734.5	15404.2	15027.5	14529.8
-5°	15933.0	16205.6	16246.6	16307.6	16246.6	16205.6	15933.0	15661.4	15316.5	14905.3	14391.4
-7.5°	15774.3	15937.6	16051.7	16141.6	16051.7	15937.6	15774.3	15474.5	15158.2	14754.1	14227.6
-10°	15486.9	15646.3	15739.6	15803.2	15739.6	15646.3	15486.9	15264.8	14910.2	14481.3	13959.7
-12.5°	15155.8	15314.6	15412.4	15458.7	15412.4	15314.6	15155.8	14917.0	14599.5	14120.5	13589.8
-15°	14731.9	14909.5	15034.2	15083.5	15034.2	14909.5	14731.9	14481.7	14136.4	13709.9	13204.5
-17.5°	14211.2	14398.4	14529.8	14566.8	14529.8	14398.4	14211.2	13956.2	13615.6	13221.2	12766.2
-20°	13619.5	13796.7	13903.1	13945.5	13903.1	13796.7	13619.5	13378.6	13053.3	12682.0	12260.2



REPORT NUMBER: P627831 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-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°	12965.5	13128.9	13229.2	13268.8	13229.2	13128.9	12965.5	12746.3	12451.2	12102.3	11703.7
-25°	12280.3	12436.7	12545.4	12567.5	12545.4	12436.7	12280.3	12084.6	11818.0	11484.3	11108.2
-27.5°	11585.1	11738.8	11844.8	11854.0	11844.8	11738.8	11585.1	11388.5	11129.1	10825.1	10472.9
-30°	10867.3	10992.2	11062.4	11091.2	11062.4	10992.2	10867.3	10675.0	10428.9	10149.3	9826.6
-32.5°	10127.2	10240.7	10301.4	10309.9	10301.4	10240.7	10127.2	9953.8	9734.4	9478.7	9178.6
-35°	9385.8	9490.7	9550.0	9547.1	9550.0	9490.7	9385.8	9238.0	9047.2	8814.5	8522.8
-37.5°	8654.7	8741.3	8783.8	8784.4	8783.8	8741.3	8654.7	8520.0	8333.5	8103.8	7856.3
-40°	7926.2	8013.2	8053.4	8033.9	8053.4	8013.2	7926.2	7800.7	7632.8	7431.2	7211.8
-42.5°	7216.0	7296.2	7330.1	7301.8	7330.1	7296.2	7216.0	7107.0	6964.5	6794.7	6600.2
-45°	6518.0	6579.7	6603.7	6588.3	6603.7	6579.7	6518.0	6424.3	6298.9	6149.6	5979.0
-47.5°	5832.4	5891.9	5915.1	5899.3	5915.1	5891.9	5832.4	5748.4	5641.2	5505.7	5339.5
-50°	5180.8	5225.5	5243.5	5234.9	5243.5	5225.5	5180.8	5114.2	5023.3	4907.9	4774.7
-52.5°	4566.9	4603.8	4616.9	4607.5	4616.9	4603.8	4566.9	4509.5	4431.1	4333.0	4218.4
-55°	3975.8	4010.0	4023.1	4016.9	4023.1	4010.0	3975.8	3924.6	3856.6	3776.5	3680.8
-57.5°	3416.9	3443.6	3449.8	3438.7	3449.8	3443.6	3416.9	3376.1	3321.4	3256.2	3176.7
-60°	2910.2	2931.0	2941.5	2940.4	2941.5	2931.0	2910.2	2878.1	2835.2	2782.0	2717.8
-62.5°	2441.8	2455.0	2462.3	2460.6	2462.3	2455.0	2441.8	2418.9	2386.6	2346.1	2299.0
-65°	1999.8	2004.5	2002.8	1993.1	2002.8	2004.5	1999.8	1987.2	1966.7	1941.1	1910.2
-67.5°	1613.6	1614.0	1620.9	1624.0	1620.9	1614.0	1613.6	1606.9	1593.9	1576.9	1557.0
-70°	1279.7	1277.7	1280.3	1279.5	1280.3	1277.7	1279.7	1278.3	1273.9	1267.7	1258.3
-72.5°	994.8	979.0	964.8	947.3	964.8	979.0	994.8	1008.4	1020.2	1026.9	1020.2
-75°	743.5	711.2	691.6	670.5	691.6	711.2	743.5	774.0	802.8	824.9	822.6
-77.5°	538.4	497.1	479.5	461.4	479.5	497.1	538.4	577.7	614.9	645.6	647.8
-80°	362.8	325.1	310.4	295.3	310.4	325.1	362.8	398.8	432.9	463.0	471.1
-82.5°	217.8	190.1	181.3	172.2	181.3	190.1	217.8	244.5	269.9	292.8	295.1
-85°	107.9	91.9	86.0	80.0	86.0	91.9	107.9	123.2	137.6	150.6	145.9
-87.5°	19.9	18.4	18.5	18.5	18.5	18.4	19.9	21.2	22.5	23.8	23.5
-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: P627831 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-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°	23.1	22.7	22.3	21.8	21.3	20.7	20.1	19.5	18.8	18.1	17.4
85°	140.8	135.3	129.5	123.3	116.8	110.0	102.7	90.1	78.3	67.4	57.9
82.5°	295.7	294.4	290.2	273.5	256.6	239.7	221.9	195.4	169.4	144.0	121.9
80°	476.8	480.0	476.8	449.0	420.8	392.4	362.2	323.4	284.2	246.9	219.0
77.5°	649.2	650.0	644.8	617.0	586.6	553.3	515.4	468.7	422.0	374.8	338.9
75°	818.6	812.9	801.2	775.8	745.3	709.5	672.4	631.4	583.5	528.5	481.4
72.5°	1010.4	997.4	979.3	954.3	924.7	893.1	854.4	809.1	759.1	704.2	654.4
70°	1243.4	1222.8	1195.6	1161.7	1128.3	1093.4	1052.0	1002.2	943.8	883.2	827.7
67.5°	1531.2	1499.5	1461.1	1420.0	1378.6	1330.1	1274.4	1213.6	1153.4	1086.0	1010.0
65°	1871.7	1825.9	1770.1	1717.1	1659.2	1596.1	1525.0	1454.5	1380.8	1299.9	1203.5
62.5°	2246.1	2187.9	2112.1	2035.1	1956.6	1875.6	1788.5	1701.8	1613.8	1518.5	1409.9
60°	2642.8	2556.2	2469.0	2373.6	2269.9	2161.2	2062.2	1956.9	1845.7	1737.8	1618.7
57.5°	3082.7	2976.1	2862.2	2740.5	2611.7	2484.8	2356.5	2224.0	2098.2	1966.8	1832.0
55°	3570.2	3444.5	3301.5	3144.6	2982.1	2834.8	2674.4	2513.8	2362.2	2202.7	2054.2
52.5°	4089.7	3939.0	3773.2	3595.0	3410.2	3218.8	3023.9	2839.3	2642.0	2461.5	2282.0
50°	4625.2	4452.6	4261.5	4056.8	3851.2	3629.4	3406.4	3184.6	2960.9	2739.5	2524.5
47.5°	5169.2	4982.2	4769.8	4543.2	4307.8	4060.2	3806.4	3539.6	3292.2	3035.4	2791.1
45°	5767.0	5536.3	5298.3	5048.8	4779.7	4506.5	4221.8	3929.7	3632.0	3349.6	3063.2
42.5°	6368.3	6108.9	5833.6	5559.2	5265.7	4959.8	4642.1	4320.3	3993.2	3667.5	3354.4
40°	6967.3	6686.6	6386.5	6072.9	5752.8	5415.7	5068.0	4709.9	4354.7	3996.6	3642.4
37.5°	7580.0	7276.7	6951.6	6606.2	6247.7	5874.3	5491.7	5104.1	4712.4	4327.0	3942.8
35°	8208.4	7876.4	7517.7	7140.4	6745.7	6337.0	5917.3	5492.8	5071.5	4654.6	4238.4
32.5°	8831.2	8471.4	8084.7	7671.8	7237.4	6792.5	6341.2	5882.8	5421.6	4976.5	4533.3
30°	9459.3	9060.9	8641.8	8195.7	7724.7	7240.3	6751.5	6265.9	5774.4	5284.6	4815.6
27.5°	10074.6	9639.9	9184.5	8702.2	8199.0	7679.2	7154.0	6635.7	6111.5	5590.8	5085.1
25°	10673.4	10204.1	9701.7	9186.6	8653.0	8099.0	7534.5	6986.1	6438.7	5881.5	5327.0
22.5°	11249.8	10735.9	10194.5	9643.4	9082.1	8500.0	7898.0	7307.0	6740.5	6142.1	5562.7
20°	11781.2	11229.5	10651.4	10070.9	9477.4	8881.7	8236.7	7608.1	6998.7	6384.3	5776.4
17.5°	12252.8	11692.3	11085.8	10474.0	9842.0	9214.9	8553.2	7882.0	7236.3	6599.4	5964.5
15°	12668.3	12108.4	11494.2	10849.1	10174.3	9489.4	8821.2	8124.1	7452.8	6789.7	6138.4
12.5°	13045.8	12459.5	11846.2	11163.9	10447.6	9733.1	9038.2	8336.1	7645.4	6963.7	6294.8
10°	13384.6	12747.2	12098.3	11406.9	10676.3	9938.7	9223.1	8514.5	7809.3	7112.7	6423.8
7.5°	13616.8	12960.7	12290.1	11601.0	10869.3	10120.1	9383.0	8657.8	7937.1	7231.4	6524.4
5°	13788.2	13129.1	12456.4	11757.7	11019.2	10255.6	9500.9	8761.7	8028.0	7318.3	6596.1
2.5°	13919.8	13244.2	12569.8	11855.6	11116.2	10347.0	9585.3	8839.8	8100.2	7381.9	6659.4
0°	14013.1	13287.3	12635.2	11933.9	11177.3	10402.2	9639.4	8888.9	8144.6	7412.6	6692.8
-2.5°	13919.8	13244.2	12569.8	11855.6	11116.2	10347.0	9585.3	8839.8	8100.2	7381.9	6659.4
-5°	13788.2	13129.1	12456.4	11757.7	11019.2	10255.6	9500.9	8761.7	8028.0	7318.3	6596.1
-7.5°	13616.8	12960.7	12290.1	11601.0	10869.3	10120.1	9383.0	8657.8	7937.1	7231.4	6524.4
-10°	13384.6	12747.2	12098.3	11406.9	10676.3	9938.7	9223.1	8514.5	7809.3	7112.7	6423.8
-12.5°	13045.8	12459.5	11846.2	11163.9	10447.6	9733.1	9038.2	8336.1	7645.4	6963.7	6294.8
-15°	12668.3	12108.4	11494.2	10849.1	10174.3	9489.4	8821.2	8124.1	7452.8	6789.7	6138.4
-17.5°	12252.8	11692.3	11085.8	10474.0	9842.0	9214.9	8553.2	7882.0	7236.3	6599.4	5964.5
-20°	11781.2	11229.5	10651.4	10070.9	9477.4	8881.7	8236.7	7608.1	6998.7	6384.3	5776.4



REPORT NUMBER: P627831 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-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°	11249.8	10735.9	10194.5	9643.4	9082.1	8500.0	7898.0	7307.0	6740.5	6142.1	5562.7
-25°	10673.4	10204.1	9701.7	9186.6	8653.0	8099.0	7534.5	6986.1	6438.7	5881.5	5327.0
-27.5°	10074.6	9639.9	9184.5	8702.2	8199.0	7679.2	7154.0	6635.7	6111.5	5590.8	5085.1
-30°	9459.3	9060.9	8641.8	8195.7	7724.7	7240.3	6751.5	6265.9	5774.4	5284.6	4815.6
-32.5°	8831.2	8471.4	8084.7	7671.8	7237.4	6792.5	6341.2	5882.8	5421.6	4976.5	4533.3
-35°	8208.4	7876.4	7517.7	7140.4	6745.7	6337.0	5917.3	5492.8	5071.5	4654.6	4238.4
-37.5°	7580.0	7276.7	6951.6	6606.2	6247.7	5874.3	5491.7	5104.1	4712.4	4327.0	3942.8
-40°	6967.3	6686.6	6386.5	6072.9	5752.8	5415.7	5068.0	4709.9	4354.7	3996.6	3642.4
-42.5°	6368.3	6108.9	5833.6	5559.2	5265.7	4959.8	4642.1	4320.3	3993.2	3667.5	3354.4
-45°	5767.0	5536.3	5298.3	5048.8	4779.7	4506.5	4221.8	3929.7	3632.0	3349.6	3063.2
-47.5°	5169.2	4982.2	4769.8	4543.2	4307.8	4060.2	3806.4	3539.6	3292.2	3035.4	2791.1
-50°	4625.2	4452.6	4261.5	4056.8	3851.2	3629.4	3406.4	3184.6	2960.9	2739.5	2524.5
-52.5°	4089.7	3939.0	3773.2	3595.0	3410.2	3218.8	3023.9	2839.3	2642.0	2461.5	2282.0
-55°	3570.2	3444.5	3301.5	3144.6	2982.1	2834.8	2674.4	2513.8	2362.2	2202.7	2054.2
-57.5°	3082.7	2976.1	2862.2	2740.5	2611.7	2484.8	2356.5	2224.0	2098.2	1966.8	1832.0
-60°	2642.8	2556.2	2469.0	2373.6	2269.9	2161.2	2062.2	1956.9	1845.7	1737.8	1618.7
-62.5°	2246.1	2187.9	2112.1	2035.1	1956.6	1875.6	1788.5	1701.8	1613.8	1518.5	1409.9
-65°	1871.7	1825.9	1770.1	1717.1	1659.2	1596.1	1525.0	1454.5	1380.8	1299.9	1203.5
-67.5°	1531.2	1499.5	1461.1	1420.0	1378.6	1330.1	1274.4	1213.6	1153.4	1086.0	1010.0
-70°	1243.4	1222.8	1195.6	1161.7	1128.3	1093.4	1052.0	1002.2	943.8	883.2	827.7
-72.5°	1010.4	997.4	979.3	954.3	924.7	893.1	854.4	809.1	759.1	704.2	654.4
-75°	818.6	812.9	801.2	775.8	745.3	709.5	672.4	631.4	583.5	528.5	481.4
-77.5°	649.2	650.0	644.8	617.0	586.6	553.3	515.4	468.7	422.0	374.8	338.9
-80°	476.8	480.0	476.8	449.0	420.8	392.4	362.2	323.4	284.2	246.9	219.0
-82.5°	295.7	294.4	290.2	273.5	256.6	239.7	221.9	195.4	169.4	144.0	121.9
-85°	140.8	135.3	129.5	123.3	116.8	110.0	102.7	90.1	78.3	67.4	57.9
-87.5°	23.1	22.7	22.3	21.8	21.3	20.7	20.1	19.5	18.8	18.1	17.4
-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: P627831 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-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°	17.7	17.8	17.8	17.7	15.7	13.8	12.1	10.4	9.4	8.4	7.4
85°	58.2	56.8	53.7	48.7	38.4	27.6	24.1	20.8	18.8	16.8	14.8
82.5°	121.5	122.7	122.6	119.0	105.0	90.3	74.9	58.9	43.6	27.7	22.1
80°	219.3	217.0	211.8	201.8	178.8	152.8	133.3	113.0	93.2	72.5	51.0
77.5°	331.6	322.2	310.6	297.4	273.0	244.4	211.4	174.1	142.6	117.1	90.6
75°	457.1	442.0	425.7	403.9	372.5	336.7	300.5	257.0	208.6	163.1	129.9
72.5°	614.4	578.0	545.3	514.6	480.6	440.6	394.4	338.4	279.7	224.2	172.2
70°	773.8	719.1	670.2	628.4	587.5	545.5	494.8	425.7	349.4	284.1	222.9
67.5°	935.7	871.0	805.6	742.9	691.3	641.9	593.0	512.7	425.1	342.7	272.4
65°	1114.3	1027.9	944.9	867.5	797.4	735.6	678.2	594.0	498.7	406.0	320.6
62.5°	1298.3	1188.1	1089.7	991.0	903.7	828.7	759.7	666.8	568.9	467.1	370.9
60°	1491.7	1366.2	1235.4	1120.2	1013.2	918.3	834.7	738.5	634.7	526.0	420.9
57.5°	1695.4	1547.8	1400.9	1255.2	1126.7	1012.9	907.7	806.5	699.3	584.0	467.4
55°	1901.8	1742.8	1569.1	1404.9	1247.2	1111.7	985.0	871.8	761.7	641.1	507.6
52.5°	2108.4	1933.8	1747.3	1557.6	1381.1	1211.6	1070.0	935.4	819.1	696.8	549.4
50°	2324.6	2124.3	1924.5	1719.6	1514.4	1328.6	1152.1	1008.3	874.8	749.7	589.1
47.5°	2549.5	2326.4	2104.0	1880.1	1660.1	1440.5	1247.9	1079.8	928.7	797.7	626.0
45°	2796.1	2535.2	2289.0	2046.9	1798.0	1561.5	1345.0	1148.1	989.8	835.0	660.0
42.5°	3042.5	2755.6	2480.5	2211.2	1942.4	1681.7	1436.9	1228.6	1048.2	870.7	691.3
40°	3304.5	2976.7	2671.7	2379.5	2083.4	1796.0	1538.8	1307.0	1103.0	907.8	720.9
37.5°	3559.3	3203.3	2868.2	2540.3	2221.6	1919.4	1636.7	1380.6	1154.9	949.4	749.0
35°	3829.1	3431.1	3049.9	2702.1	2363.8	2036.5	1728.4	1454.7	1214.7	990.0	775.5
32.5°	4089.7	3653.8	3245.0	2861.7	2499.6	2146.8	1822.8	1533.1	1272.2	1029.4	800.2
30°	4345.8	3877.3	3431.9	3012.6	2631.2	2262.6	1917.3	1606.5	1327.1	1067.5	825.0
27.5°	4581.8	4084.3	3611.0	3168.6	2760.5	2372.4	2006.6	1674.5	1379.2	1106.6	853.8
25°	4801.7	4283.4	3787.6	3318.8	2880.5	2476.4	2088.9	1737.5	1432.3	1147.4	880.5
22.5°	5008.1	4468.3	3947.7	3457.1	2991.6	2572.0	2169.1	1804.5	1482.5	1184.9	905.0
20°	5195.6	4634.9	4091.0	3582.4	3099.8	2662.9	2246.3	1864.6	1527.4	1219.0	927.1
17.5°	5364.6	4787.1	4227.8	3699.6	3200.5	2743.8	2314.9	1917.7	1566.8	1249.4	946.4
15°	5521.4	4925.4	4348.7	3801.9	3287.7	2814.2	2374.6	1963.4	1600.6	1275.8	965.0
12.5°	5656.2	5044.1	4451.3	3888.8	3361.1	2873.8	2425.0	2001.6	1628.6	1299.7	982.3
10°	5767.2	5142.2	4535.1	3959.9	3420.6	2922.3	2466.0	2033.9	1654.9	1320.3	995.7
7.5°	5853.6	5218.9	4599.6	4014.7	3467.7	2962.9	2500.9	2061.7	1676.2	1336.1	1005.1
5°	5919.1	5279.0	4655.8	4060.6	3511.0	2995.6	2526.3	2081.7	1691.5	1347.1	1010.4
2.5°	5977.2	5323.9	4700.0	4090.4	3540.5	3017.0	2541.6	2093.7	1700.9	1352.8	1011.6
0°	6010.0	5345.7	4724.4	4103.1	3555.6	3026.5	2546.7	2097.7	1704.0	1353.3	1008.8
-2.5°	5977.2	5323.9	4700.0	4090.4	3540.5	3017.0	2541.6	2093.7	1700.9	1352.8	1011.6
-5°	5919.1	5279.0	4655.8	4060.6	3511.0	2995.6	2526.3	2081.7	1691.5	1347.1	1010.4
-7.5°	5853.6	5218.9	4599.6	4014.7	3467.7	2962.9	2500.9	2061.7	1676.2	1336.1	1005.1
-10°	5767.2	5142.2	4535.1	3959.9	3420.6	2922.3	2466.0	2033.9	1654.9	1320.3	995.7
-12.5°	5656.2	5044.1	4451.3	3888.8	3361.1	2873.8	2425.0	2001.6	1628.6	1299.7	982.3
-15°	5521.4	4925.4	4348.7	3801.9	3287.7	2814.2	2374.6	1963.4	1600.6	1275.8	965.0
-17.5°	5364.6	4787.1	4227.8	3699.6	3200.5	2743.8	2314.9	1917.7	1566.8	1249.4	946.4
-20°	5195.6	4634.9	4091.0	3582.4	3099.8	2662.9	2246.3	1864.6	1527.4	1219.0	927.1



REPORT NUMBER: P627831 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-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°	5008.1	4468.3	3947.7	3457.1	2991.6	2572.0	2169.1	1804.5	1482.5	1184.9	905.0
-25°	4801.7	4283.4	3787.6	3318.8	2880.5	2476.4	2088.9	1737.5	1432.3	1147.4	880.5
-27.5°	4581.8	4084.3	3611.0	3168.6	2760.5	2372.4	2006.6	1674.5	1379.2	1106.6	853.8
-30°	4345.8	3877.3	3431.9	3012.6	2631.2	2262.6	1917.3	1606.5	1327.1	1067.5	825.0
-32.5°	4089.7	3653.8	3245.0	2861.7	2499.6	2146.8	1822.8	1533.1	1272.2	1029.4	800.2
-35°	3829.1	3431.1	3049.9	2702.1	2363.8	2036.5	1728.4	1454.7	1214.7	990.0	775.5
-37.5°	3559.3	3203.3	2868.2	2540.3	2221.6	1919.4	1636.7	1380.6	1154.9	949.4	749.0
-40°	3304.5	2976.7	2671.7	2379.5	2083.4	1796.0	1538.8	1307.0	1103.0	907.8	720.9
-42.5°	3042.5	2755.6	2480.5	2211.2	1942.4	1681.7	1436.9	1228.6	1048.2	870.7	691.3
-45°	2796.1	2535.2	2289.0	2046.9	1798.0	1561.5	1345.0	1148.1	989.8	835.0	660.0
-47.5°	2549.5	2326.4	2104.0	1880.1	1660.1	1440.5	1247.9	1079.8	928.7	797.7	626.0
-50°	2324.6	2124.3	1924.5	1719.6	1514.4	1328.6	1152.1	1008.3	874.8	749.7	589.1
-52.5°	2108.4	1933.8	1747.3	1557.6	1381.1	1211.6	1070.0	935.4	819.1	696.8	549.4
-55°	1901.8	1742.8	1569.1	1404.9	1247.2	1111.7	985.0	871.8	761.7	641.1	507.6
-57.5°	1695.4	1547.8	1400.9	1255.2	1126.7	1012.9	907.7	806.5	699.3	584.0	467.4
-60°	1491.7	1366.2	1235.4	1120.2	1013.2	918.3	834.7	738.5	634.7	526.0	420.9
-62.5°	1298.3	1188.1	1089.7	991.0	903.7	828.7	759.7	666.8	568.9	467.1	370.9
-65°	1114.3	1027.9	944.9	867.5	797.4	735.6	678.2	594.0	498.7	406.0	320.6
-67.5°	935.7	871.0	805.6	742.9	691.3	641.9	593.0	512.7	425.1	342.7	272.4
-70°	773.8	719.1	670.2	628.4	587.5	545.5	494.8	425.7	349.4	284.1	222.9
-72.5°	614.4	578.0	545.3	514.6	480.6	440.6	394.4	338.4	279.7	224.2	172.2
-75°	457.1	442.0	425.7	403.9	372.5	336.7	300.5	257.0	208.6	163.1	129.9
-77.5°	331.6	322.2	310.6	297.4	273.0	244.4	211.4	174.1	142.6	117.1	90.6
-80°	219.3	217.0	211.8	201.8	178.8	152.8	133.3	113.0	93.2	72.5	51.0
-82.5°	121.5	122.7	122.6	119.0	105.0	90.3	74.9	58.9	43.6	27.7	22.1
-85°	58.2	56.8	53.7	48.7	38.4	27.6	24.1	20.8	18.8	16.8	14.8
-87.5°	17.7	17.8	17.8	17.7	15.7	13.8	12.1	10.4	9.4	8.4	7.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

Scaled Data Report



REPORT NUMBER: P627831 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-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°	6.4	5.3	4.3	3.2	2.1	0.9	0.0
85°	12.7	10.6	8.5	6.4	4.3	1.9	0.0
82.5°	19.0	15.9	12.8	9.6	6.4	2.8	0.0
80°	28.7	21.2	17.0	12.8	8.5	3.7	0.0
77.5°	62.4	33.2	21.2	15.9	10.6	4.6	0.0
75°	95.4	57.5	27.6	19.0	12.6	5.5	0.0
72.5°	127.3	81.1	44.0	22.1	14.6	6.4	0.0
70°	159.3	103.8	59.9	26.5	16.6	7.3	0.0
67.5°	197.6	125.6	75.1	36.3	18.5	8.2	0.0
65°	234.3	150.0	89.7	45.8	20.3	9.0	0.0
62.5°	269.1	176.7	103.5	54.8	22.1	9.8	0.0
60°	301.9	202.0	116.5	63.3	23.8	10.6	0.0
57.5°	336.4	225.7	133.8	71.3	28.6	11.3	0.0
55°	369.2	247.8	150.2	78.8	33.2	12.0	0.0
52.5°	399.4	268.7	165.6	85.7	37.7	12.7	0.0
50°	427.2	291.0	179.7	92.0	42.0	13.4	0.0
47.5°	453.2	311.3	192.5	98.5	46.1	14.0	0.0
45°	482.1	329.6	204.1	107.1	50.1	14.6	0.0
42.5°	508.6	345.9	214.3	114.8	53.7	15.2	0.0
40°	532.7	360.2	224.6	122.7	57.2	15.7	0.0
37.5°	554.2	372.3	234.8	130.5	60.5	16.1	0.0
35°	573.2	386.4	243.6	137.8	63.5	16.6	0.0
32.5°	590.8	400.5	250.9	144.5	66.3	17.0	0.0
30°	609.1	412.5	256.8	150.7	68.8	17.3	0.0
27.5°	625.5	422.4	265.6	156.2	71.1	17.7	0.0
25°	639.9	430.3	273.9	161.2	73.2	17.9	0.0
22.5°	652.3	438.3	281.1	165.6	75.0	18.2	0.0
20°	662.5	449.1	287.4	169.4	76.5	18.4	0.0
17.5°	675.3	458.0	292.6	172.6	77.8	18.5	0.0
15°	688.6	465.0	296.9	175.2	78.9	18.6	0.0
12.5°	699.4	470.0	300.1	177.2	79.7	18.7	0.0
10°	707.6	473.1	302.3	178.6	80.2	18.7	0.0
7.5°	713.2	474.3	303.6	179.5	80.5	18.7	0.0
5°	716.1	473.8	303.8	179.7	80.6	18.7	0.0
2.5°	716.3	471.5	303.1	179.3	80.4	18.6	0.0
0°	713.6	467.5	301.4	178.4	80.0	18.5	0.0
-2.5°	716.3	471.5	303.1	179.3	80.4	18.6	0.0
-5°	716.1	473.8	303.8	179.7	80.6	18.7	0.0
-7.5°	713.2	474.3	303.6	179.5	80.5	18.7	0.0
-10°	707.6	473.1	302.3	178.6	80.2	18.7	0.0
-12.5°	699.4	470.0	300.1	177.2	79.7	18.7	0.0
-15°	688.6	465.0	296.9	175.2	78.9	18.6	0.0
-17.5°	675.3	458.0	292.6	172.6	77.8	18.5	0.0
-20°	662.5	449.1	287.4	169.4	76.5	18.4	0.0

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Scaled Data Report



REPORT NUMBER: P627831 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-740-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	652.3	438.3	281.1	165.6	75.0	18.2	0.0
-25°	639.9	430.3	273.9	161.2	73.2	17.9	0.0
-27.5°	625.5	422.4	265.6	156.2	71.1	17.7	0.0
-30°	609.1	412.5	256.8	150.7	68.8	17.3	0.0
-32.5°	590.8	400.5	250.9	144.5	66.3	17.0	0.0
-35°	573.2	386.4	243.6	137.8	63.5	16.6	0.0
-37.5°	554.2	372.3	234.8	130.5	60.5	16.1	0.0
-40°	532.7	360.2	224.6	122.7	57.2	15.7	0.0
-42.5°	508.6	345.9	214.3	114.8	53.7	15.2	0.0
-45°	482.1	329.6	204.1	107.1	50.1	14.6	0.0
-47.5°	453.2	311.3	192.5	98.5	46.1	14.0	0.0
-50°	427.2	291.0	179.7	92.0	42.0	13.4	0.0
-52.5°	399.4	268.7	165.6	85.7	37.7	12.7	0.0
-55°	369.2	247.8	150.2	78.8	33.2	12.0	0.0
-57.5°	336.4	225.7	133.8	71.3	28.6	11.3	0.0
-60°	301.9	202.0	116.5	63.3	23.8	10.6	0.0
-62.5°	269.1	176.7	103.5	54.8	22.1	9.8	0.0
-65°	234.3	150.0	89.7	45.8	20.3	9.0	0.0
-67.5°	197.6	125.6	75.1	36.3	18.5	8.2	0.0
-70°	159.3	103.8	59.9	26.5	16.6	7.3	0.0
-72.5°	127.3	81.1	44.0	22.1	14.6	6.4	0.0
-75°	95.4	57.5	27.6	19.0	12.6	5.5	0.0
-77.5°	62.4	33.2	21.2	15.9	10.6	4.6	0.0
-80°	28.7	21.2	17.0	12.8	8.5	3.7	0.0
-82.5°	19.0	15.9	12.8	9.6	6.4	2.8	0.0
-85°	12.7	10.6	8.5	6.4	4.3	1.9	0.0
-87.5°	6.4	5.3	4.3	3.2	2.1	0.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)