

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: P627241 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3D-750-U-VWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627241 (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-SA3D-750-U-VWR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N83
Light Source: (48) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

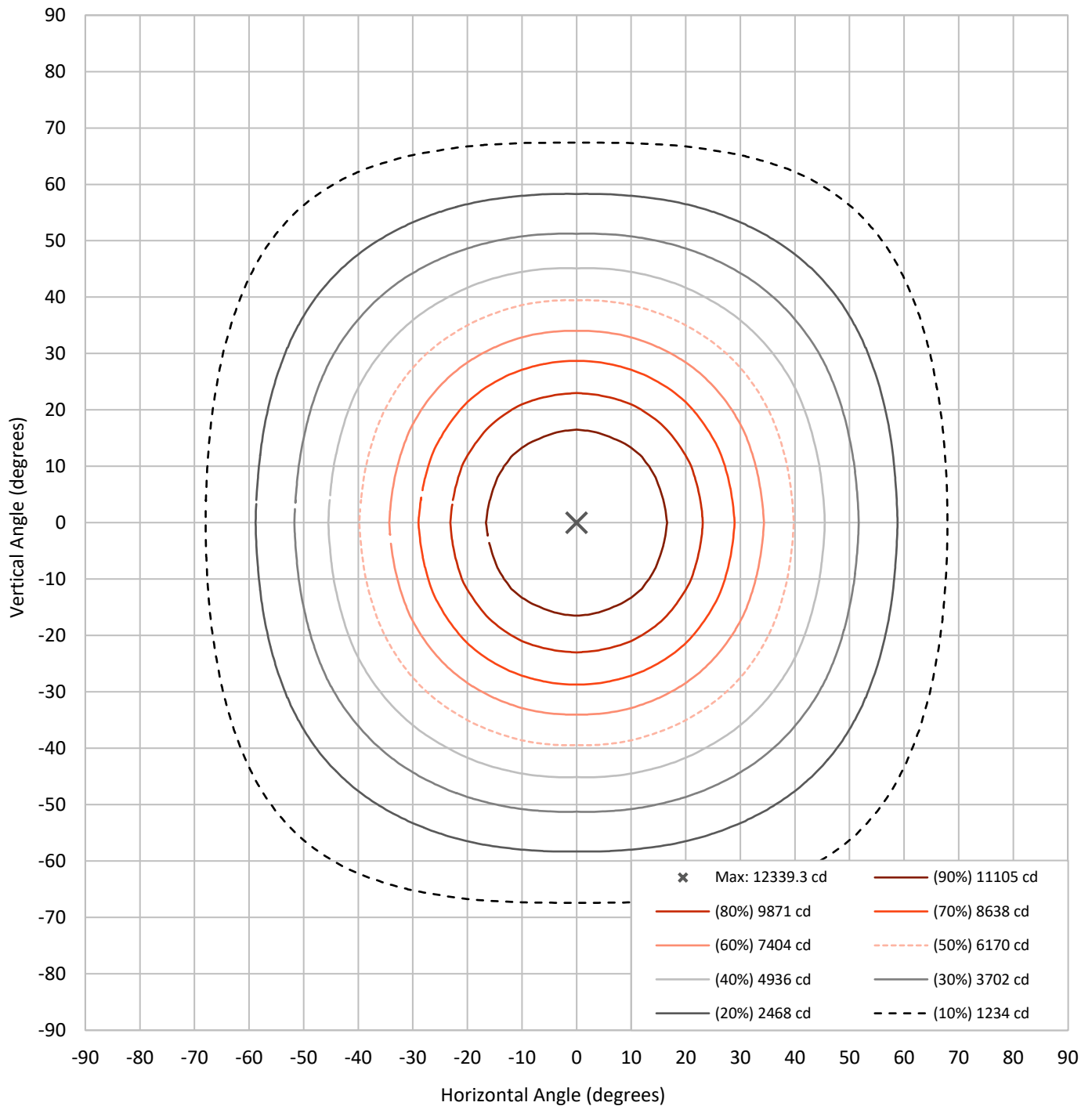
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	22302.2 lumens	Max Intensity:	12339.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	139.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	79.6°H x 78.9°V	Field Angle (10%):	135.9°H x 134.8°V
Beam Lumens:	13080.4 lumens	Field Lumens:	21261.3 lumens
Beam Efficiency:	58.7%	Field Efficiency:	95.3%
Input Watts (W):	160.2		
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		



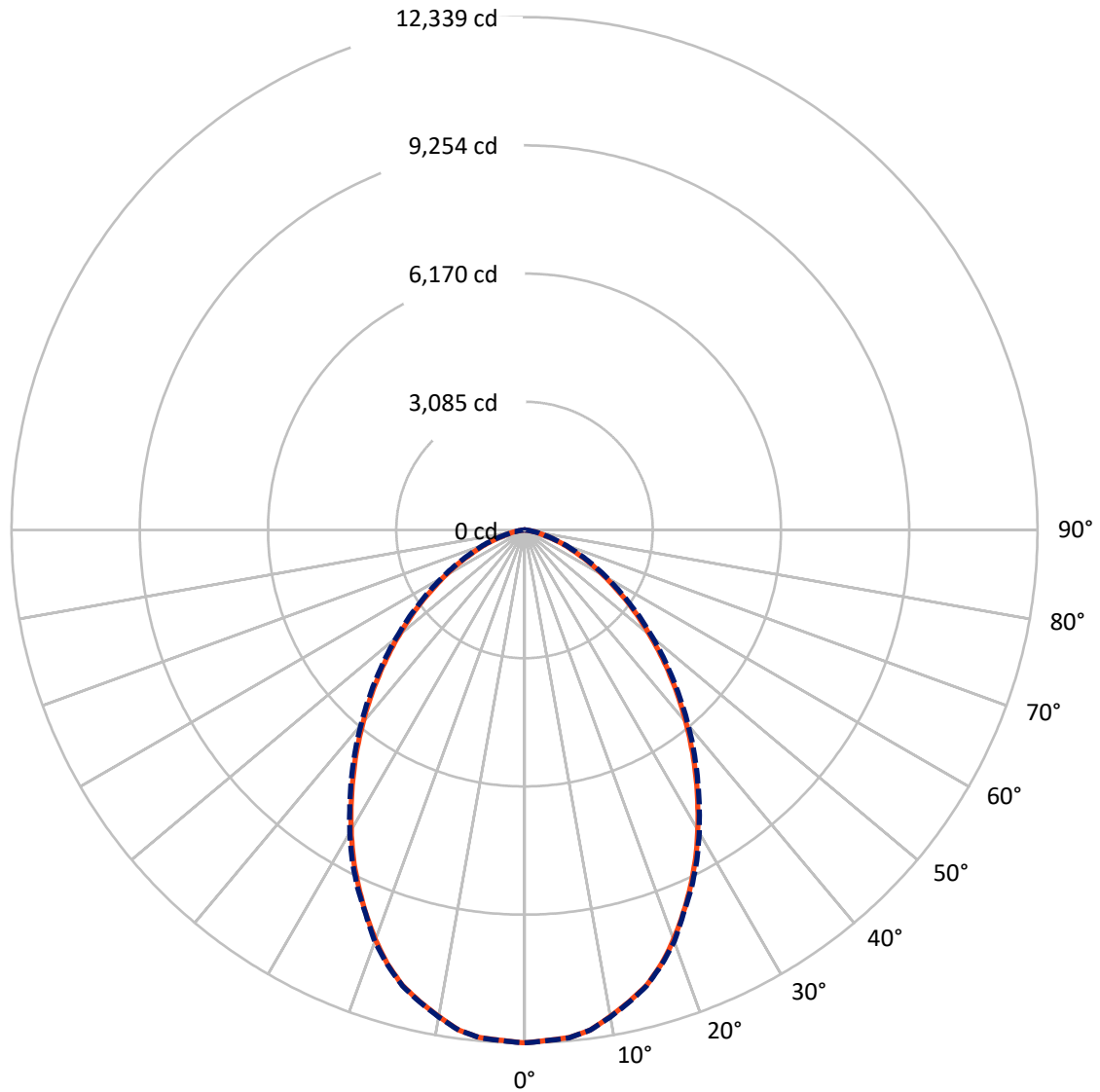
REPORT NUMBER: P627241 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3D-750-U-VWR-XX

Iso-Candela Plot



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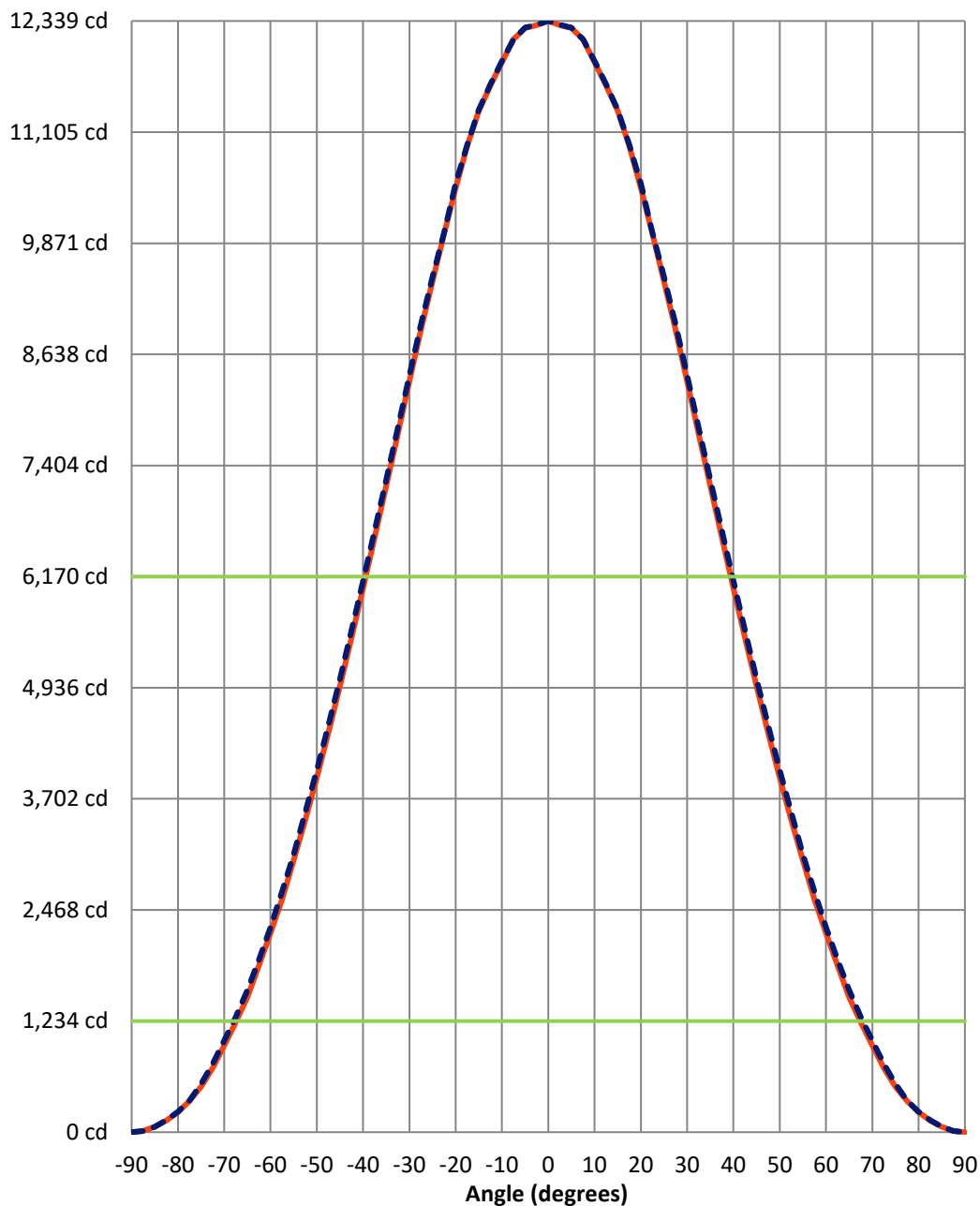
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 79.6°
 V Angle: 78.9°
 Lumens: 13080.4
 Efficiency: 58.7%

Field:
 H Angle: 135.9°
 V Angle: 134.8°
 Lumens: 21261.3
 Efficiency: 95.3%

Spill:
 Lumens: 1040.9
 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	0.7	1.6	2.4	3.2	4.0	4.8	5.6	6.3	7.1	7.8
85°	0.0	1.4	3.2	4.8	6.4	8.0	9.6	11.1	12.6	14.1	15.6
82.5°	0.0	2.1	4.8	7.2	9.6	12.0	14.3	16.6	20.8	32.8	44.2
80°	0.0	2.8	6.4	9.6	12.8	15.9	21.6	38.4	54.5	70.1	85.0
77.5°	0.0	3.5	8.0	12.0	15.9	25.0	46.9	68.1	88.0	107.2	130.9
75°	0.0	4.2	9.5	14.3	20.8	43.2	71.7	97.7	122.6	156.8	193.2
72.5°	0.0	4.8	11.0	16.6	33.1	60.9	95.7	129.4	168.5	210.2	254.4
70°	0.0	5.5	12.5	19.9	45.0	78.0	119.7	167.5	213.6	262.6	320.0
67.5°	0.0	6.1	13.9	27.3	56.5	94.4	148.5	204.8	257.6	319.6	385.4
65°	0.0	6.8	15.3	34.4	67.4	112.7	176.1	241.0	305.2	374.9	446.6
62.5°	0.0	7.4	16.6	41.2	77.8	132.8	202.3	278.8	351.2	427.7	501.3
60°	0.0	7.9	17.9	47.6	87.6	151.8	226.9	316.4	395.4	477.2	555.2
57.5°	0.0	8.5	21.5	53.6	100.6	169.7	252.9	351.4	439.1	525.7	606.4
55°	0.0	9.1	25.0	59.2	113.0	186.3	277.5	381.6	482.0	572.7	655.5
52.5°	0.0	9.6	28.4	64.4	124.5	202.0	300.3	413.0	523.9	615.8	703.3
50°	0.0	10.1	31.6	69.2	135.1	218.8	321.2	442.9	563.7	657.7	758.1
47.5°	0.0	10.5	34.7	74.1	144.8	234.0	340.7	470.7	599.7	698.3	811.8
45°	0.0	11.0	37.6	80.5	153.5	247.8	362.5	496.3	627.8	744.2	863.2
42.5°	0.0	11.4	40.4	86.3	161.2	260.1	382.4	519.8	654.6	788.1	923.7
40°	0.0	11.8	43.0	92.3	168.9	270.8	400.5	542.0	682.5	829.2	982.7
37.5°	0.0	12.1	45.5	98.2	176.6	279.9	416.7	563.2	713.8	868.3	1038.0
35°	0.0	12.5	47.7	103.6	183.2	290.5	431.0	583.0	744.3	913.2	1093.7
32.5°	0.0	12.8	49.8	108.7	188.7	301.1	444.2	601.6	773.9	956.4	1152.7
30°	0.0	13.0	51.7	113.3	193.1	310.1	458.0	620.3	802.5	997.8	1207.8
27.5°	0.0	13.3	53.4	117.5	199.7	317.6	470.3	641.9	831.9	1037.0	1259.0
25°	0.0	13.5	55.0	121.2	205.9	323.5	481.1	662.0	862.6	1076.8	1306.3
22.5°	0.0	13.7	56.3	124.5	211.4	329.5	490.4	680.4	890.9	1114.6	1356.7
20°	0.0	13.8	57.5	127.4	216.1	337.7	498.1	697.0	916.5	1148.3	1401.9
17.5°	0.0	13.9	58.5	129.8	220.0	344.4	507.7	711.6	939.3	1178.0	1441.7
15°	0.0	14.0	59.3	131.7	223.2	349.6	517.7	725.5	959.2	1203.4	1476.1
12.5°	0.0	14.1	59.9	133.2	225.6	353.3	525.8	738.6	977.1	1224.4	1504.9
10°	0.0	14.1	60.3	134.3	227.3	355.7	532.0	748.6	992.6	1244.2	1529.1
7.5°	0.0	14.1	60.5	134.9	228.2	356.6	536.2	755.7	1004.6	1260.2	1550.1
5°	0.0	14.0	60.6	135.1	228.4	356.2	538.4	759.7	1012.8	1271.7	1565.1
2.5°	0.0	14.0	60.4	134.8	227.9	354.5	538.5	760.6	1017.1	1278.7	1574.1
0°	0.0	13.9	60.1	134.1	226.6	351.5	536.5	758.5	1017.5	1281.1	1577.1
-2.5°	0.0	14.0	60.4	134.8	227.9	354.5	538.5	760.6	1017.1	1278.7	1574.1
-5°	0.0	14.0	60.6	135.1	228.4	356.2	538.4	759.7	1012.8	1271.7	1565.1
-7.5°	0.0	14.1	60.5	134.9	228.2	356.6	536.2	755.7	1004.6	1260.2	1550.1
-10°	0.0	14.1	60.3	134.3	227.3	355.7	532.0	748.6	992.6	1244.2	1529.1
-12.5°	0.0	14.1	59.9	133.2	225.6	353.3	525.8	738.6	977.1	1224.4	1504.9
-15°	0.0	14.0	59.3	131.7	223.2	349.6	517.7	725.5	959.2	1203.4	1476.1
-17.5°	0.0	13.9	58.5	129.8	220.0	344.4	507.7	711.6	939.3	1178.0	1441.7
-20°	0.0	13.8	57.5	127.4	216.1	337.7	498.1	697.0	916.5	1148.3	1401.9

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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	13.7	56.3	124.5	211.4	329.5	490.4	680.4	890.9	1114.6	1356.7
-25°	0.0	13.5	55.0	121.2	205.9	323.5	481.1	662.0	862.6	1076.8	1306.3
-27.5°	0.0	13.3	53.4	117.5	199.7	317.6	470.3	641.9	831.9	1037.0	1259.0
-30°	0.0	13.0	51.7	113.3	193.1	310.1	458.0	620.3	802.5	997.8	1207.8
-32.5°	0.0	12.8	49.8	108.7	188.7	301.1	444.2	601.6	773.9	956.4	1152.7
-35°	0.0	12.5	47.7	103.6	183.2	290.5	431.0	583.0	744.3	913.2	1093.7
-37.5°	0.0	12.1	45.5	98.2	176.6	279.9	416.7	563.2	713.8	868.3	1038.0
-40°	0.0	11.8	43.0	92.3	168.9	270.8	400.5	542.0	682.5	829.2	982.7
-42.5°	0.0	11.4	40.4	86.3	161.2	260.1	382.4	519.8	654.6	788.1	923.7
-45°	0.0	11.0	37.6	80.5	153.5	247.8	362.5	496.3	627.8	744.2	863.2
-47.5°	0.0	10.5	34.7	74.1	144.8	234.0	340.7	470.7	599.7	698.3	811.8
-50°	0.0	10.1	31.6	69.2	135.1	218.8	321.2	442.9	563.7	657.7	758.1
-52.5°	0.0	9.6	28.4	64.4	124.5	202.0	300.3	413.0	523.9	615.8	703.3
-55°	0.0	9.1	25.0	59.2	113.0	186.3	277.5	381.6	482.0	572.7	655.5
-57.5°	0.0	8.5	21.5	53.6	100.6	169.7	252.9	351.4	439.1	525.7	606.4
-60°	0.0	7.9	17.9	47.6	87.6	151.8	226.9	316.4	395.4	477.2	555.2
-62.5°	0.0	7.4	16.6	41.2	77.8	132.8	202.3	278.8	351.2	427.7	501.3
-65°	0.0	6.8	15.3	34.4	67.4	112.7	176.1	241.0	305.2	374.9	446.6
-67.5°	0.0	6.1	13.9	27.3	56.5	94.4	148.5	204.8	257.6	319.6	385.4
-70°	0.0	5.5	12.5	19.9	45.0	78.0	119.7	167.5	213.6	262.6	320.0
-72.5°	0.0	4.8	11.0	16.6	33.1	60.9	95.7	129.4	168.5	210.2	254.4
-75°	0.0	4.2	9.5	14.3	20.8	43.2	71.7	97.7	122.6	156.8	193.2
-77.5°	0.0	3.5	8.0	12.0	15.9	25.0	46.9	68.1	88.0	107.2	130.9
-80°	0.0	2.8	6.4	9.6	12.8	15.9	21.6	38.4	54.5	70.1	85.0
-82.5°	0.0	2.1	4.8	7.2	9.6	12.0	14.3	16.6	20.8	32.8	44.2
-85°	0.0	1.4	3.2	4.8	6.4	8.0	9.6	11.1	12.6	14.1	15.6
-87.5°	0.0	0.7	1.6	2.4	3.2	4.0	4.8	5.6	6.3	7.1	7.8
-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: P627241 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-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°	9.1	10.4	11.8	13.2	13.4	13.4	13.3	13.1	13.6	14.2	14.7
85°	18.1	20.7	28.8	36.6	40.3	42.7	43.7	43.5	50.6	58.9	67.8
82.5°	56.3	67.8	78.9	89.4	92.2	92.2	91.3	91.6	108.3	127.3	146.9
80°	100.2	114.9	134.4	151.7	159.2	163.1	164.9	164.7	185.7	213.7	243.2
77.5°	158.9	183.7	205.2	223.6	233.5	242.2	249.3	254.8	281.8	317.3	352.4
75°	225.9	253.1	280.1	303.6	320.1	332.3	343.7	361.9	397.4	438.7	474.7
72.5°	296.5	331.2	361.4	386.9	410.0	434.5	462.0	492.0	529.4	570.7	608.3
70°	372.0	410.2	441.7	472.4	503.9	540.6	581.8	622.3	664.0	709.6	753.4
67.5°	445.8	482.6	519.7	558.5	605.6	654.8	703.5	759.3	816.5	867.1	912.4
65°	509.9	553.0	599.5	652.2	710.4	772.8	837.8	904.8	977.3	1038.1	1093.5
62.5°	571.1	623.0	679.5	745.1	819.3	893.2	976.1	1060.0	1141.7	1213.3	1279.5
60°	627.6	690.4	761.8	842.2	928.8	1027.2	1121.6	1217.0	1306.5	1387.6	1471.3
57.5°	682.5	761.5	847.1	943.8	1053.3	1163.8	1274.7	1377.4	1478.7	1577.5	1672.1
55°	740.6	835.8	937.7	1056.2	1179.7	1310.4	1429.9	1544.4	1656.0	1776.0	1890.0
52.5°	804.5	910.9	1038.4	1171.1	1313.7	1453.9	1585.2	1715.6	1850.6	1986.4	2134.8
50°	866.2	998.9	1138.6	1292.9	1446.9	1597.1	1747.6	1898.0	2059.7	2226.2	2394.3
47.5°	938.2	1083.0	1248.1	1413.6	1581.9	1749.0	1916.8	2098.4	2282.1	2475.2	2661.2
45°	1011.2	1174.0	1351.8	1538.9	1720.9	1906.0	2102.2	2303.0	2518.4	2730.7	2954.4
42.5°	1080.3	1264.3	1460.4	1662.4	1864.9	2071.7	2287.4	2522.0	2757.3	3002.2	3248.1
40°	1156.9	1350.3	1566.4	1789.0	2008.7	2237.9	2484.5	2738.5	3004.8	3274.0	3541.1
37.5°	1230.5	1443.1	1670.3	1909.9	2156.4	2408.4	2676.0	2964.4	3253.2	3543.0	3837.4
35°	1299.5	1531.1	1777.2	2031.5	2293.0	2579.6	2878.8	3186.6	3499.6	3812.9	4129.7
32.5°	1370.4	1614.1	1879.3	2151.5	2439.7	2747.0	3074.7	3408.3	3741.6	4076.2	4422.9
30°	1441.5	1701.1	1978.2	2265.0	2580.2	2915.0	3267.3	3620.6	3973.2	4341.4	4710.9
27.5°	1508.7	1783.7	2075.4	2382.3	2714.9	3070.7	3444.8	3823.2	4203.3	4594.8	4989.0
25°	1570.6	1861.8	2165.7	2495.2	2847.6	3220.4	3610.1	4005.0	4421.9	4840.8	5252.4
22.5°	1630.8	1933.6	2249.2	2599.1	2968.0	3359.4	3765.2	4182.3	4617.8	5067.8	5493.7
20°	1688.9	2002.1	2330.6	2693.4	3075.8	3484.6	3906.2	4342.9	4799.9	5261.9	5720.0
17.5°	1740.4	2062.9	2406.3	2781.5	3178.6	3599.1	4033.3	4484.3	4961.7	5440.5	5925.9
15°	1785.3	2115.8	2471.8	2858.4	3269.5	3703.1	4151.2	4615.0	5104.7	5603.3	6107.9
12.5°	1823.2	2160.6	2527.0	2923.7	3346.7	3792.3	4252.5	4732.7	5235.6	5748.1	6267.4
10°	1854.0	2197.1	2571.7	2977.2	3409.7	3866.1	4336.0	4829.6	5347.6	5871.3	6401.5
7.5°	1880.3	2227.6	2607.1	3018.4	3458.2	3923.8	4400.9	4905.3	5436.8	5967.3	6509.2
5°	1899.4	2252.3	2639.7	3052.9	3500.4	3968.9	4450.2	4959.2	5502.1	6035.7	6587.3
2.5°	1910.9	2268.3	2661.8	3075.2	3533.6	4002.7	4493.9	5006.8	5549.9	6090.0	6646.0
0°	1914.7	2275.5	2673.2	3084.8	3551.9	4019.1	4518.6	5031.9	5573.0	6123.4	6683.0
-2.5°	1910.9	2268.3	2661.8	3075.2	3533.6	4002.7	4493.9	5006.8	5549.9	6090.0	6646.0
-5°	1899.4	2252.3	2639.7	3052.9	3500.4	3968.9	4450.2	4959.2	5502.1	6035.7	6587.3
-7.5°	1880.3	2227.6	2607.1	3018.4	3458.2	3923.8	4400.9	4905.3	5436.8	5967.3	6509.2
-10°	1854.0	2197.1	2571.7	2977.2	3409.7	3866.1	4336.0	4829.6	5347.6	5871.3	6401.5
-12.5°	1823.2	2160.6	2527.0	2923.7	3346.7	3792.3	4252.5	4732.7	5235.6	5748.1	6267.4
-15°	1785.3	2115.8	2471.8	2858.4	3269.5	3703.1	4151.2	4615.0	5104.7	5603.3	6107.9
-17.5°	1740.4	2062.9	2406.3	2781.5	3178.6	3599.1	4033.3	4484.3	4961.7	5440.5	5925.9
-20°	1688.9	2002.1	2330.6	2693.4	3075.8	3484.6	3906.2	4342.9	4799.9	5261.9	5720.0

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Scaled Data Report



REPORT NUMBER: P627241 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-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°	1630.8	1933.6	2249.2	2599.1	2968.0	3359.4	3765.2	4182.3	4617.8	5067.8	5493.7
-25°	1570.6	1861.8	2165.7	2495.2	2847.6	3220.4	3610.1	4005.0	4421.9	4840.8	5252.4
-27.5°	1508.7	1783.7	2075.4	2382.3	2714.9	3070.7	3444.8	3823.2	4203.3	4594.8	4989.0
-30°	1441.5	1701.1	1978.2	2265.0	2580.2	2915.0	3267.3	3620.6	3973.2	4341.4	4710.9
-32.5°	1370.4	1614.1	1879.3	2151.5	2439.7	2747.0	3074.7	3408.3	3741.6	4076.2	4422.9
-35°	1299.5	1531.1	1777.2	2031.5	2293.0	2579.6	2878.8	3186.6	3499.6	3812.9	4129.7
-37.5°	1230.5	1443.1	1670.3	1909.9	2156.4	2408.4	2676.0	2964.4	3253.2	3543.0	3837.4
-40°	1156.9	1350.3	1566.4	1789.0	2008.7	2237.9	2484.5	2738.5	3004.8	3274.0	3541.1
-42.5°	1080.3	1264.3	1460.4	1662.4	1864.9	2071.7	2287.4	2522.0	2757.3	3002.2	3248.1
-45°	1011.2	1174.0	1351.8	1538.9	1720.9	1906.0	2102.2	2303.0	2518.4	2730.7	2954.4
-47.5°	938.2	1083.0	1248.1	1413.6	1581.9	1749.0	1916.8	2098.4	2282.1	2475.2	2661.2
-50°	866.2	998.9	1138.6	1292.9	1446.9	1597.1	1747.6	1898.0	2059.7	2226.2	2394.3
-52.5°	804.5	910.9	1038.4	1171.1	1313.7	1453.9	1585.2	1715.6	1850.6	1986.4	2134.8
-55°	740.6	835.8	937.7	1056.2	1179.7	1310.4	1429.9	1544.4	1656.0	1776.0	1890.0
-57.5°	682.5	761.5	847.1	943.8	1053.3	1163.8	1274.7	1377.4	1478.7	1577.5	1672.1
-60°	627.6	690.4	761.8	842.2	928.8	1027.2	1121.6	1217.0	1306.5	1387.6	1471.3
-62.5°	571.1	623.0	679.5	745.1	819.3	893.2	976.1	1060.0	1141.7	1213.3	1279.5
-65°	509.9	553.0	599.5	652.2	710.4	772.8	837.8	904.8	977.3	1038.1	1093.5
-67.5°	445.8	482.6	519.7	558.5	605.6	654.8	703.5	759.3	816.5	867.1	912.4
-70°	372.0	410.2	441.7	472.4	503.9	540.6	581.8	622.3	664.0	709.6	753.4
-72.5°	296.5	331.2	361.4	386.9	410.0	434.5	462.0	492.0	529.4	570.7	608.3
-75°	225.9	253.1	280.1	303.6	320.1	332.3	343.7	361.9	397.4	438.7	474.7
-77.5°	158.9	183.7	205.2	223.6	233.5	242.2	249.3	254.8	281.8	317.3	352.4
-80°	100.2	114.9	134.4	151.7	159.2	163.1	164.9	164.7	185.7	213.7	243.2
-82.5°	56.3	67.8	78.9	89.4	92.2	92.2	91.3	91.6	108.3	127.3	146.9
-85°	18.1	20.7	28.8	36.6	40.3	42.7	43.7	43.5	50.6	58.9	67.8
-87.5°	9.1	10.4	11.8	13.2	13.4	13.4	13.3	13.1	13.6	14.2	14.7
-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: P627241 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-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°	15.2	15.6	16.0	16.4	16.8	17.1	17.4	17.6	17.9	16.9	16.0
85°	77.3	82.7	87.8	92.7	97.3	101.7	105.9	109.7	113.2	103.4	92.6
82.5°	166.9	180.2	192.9	205.6	218.2	221.4	222.3	221.9	220.1	202.9	183.8
80°	272.4	295.0	316.4	337.6	358.5	360.9	358.5	354.2	348.1	325.4	299.8
77.5°	387.4	416.0	441.0	463.9	484.7	488.6	488.1	487.0	485.3	462.2	434.3
75°	505.5	533.4	560.4	583.3	602.4	611.2	615.5	618.5	620.2	603.6	581.9
72.5°	642.4	671.4	695.2	717.5	736.3	749.9	759.7	767.1	772.1	767.1	758.2
70°	790.9	822.0	848.3	873.4	898.9	919.4	934.8	946.0	953.1	957.8	961.0
67.5°	958.1	1000.0	1036.5	1067.6	1098.5	1127.4	1151.2	1170.6	1185.6	1198.3	1208.1
65°	1146.6	1200.0	1247.4	1291.0	1330.8	1372.8	1407.2	1436.1	1459.4	1478.6	1494.0
62.5°	1344.7	1410.2	1471.0	1530.1	1587.9	1644.9	1688.7	1728.5	1763.9	1794.3	1818.6
60°	1550.5	1624.9	1706.6	1784.5	1856.3	1921.8	1986.9	2043.3	2091.6	2131.6	2163.9
57.5°	1771.7	1868.1	1963.6	2060.4	2151.9	2237.5	2317.6	2388.4	2448.1	2497.1	2538.3
55°	2010.8	2131.3	2242.0	2364.2	2482.2	2589.7	2684.3	2767.4	2839.3	2899.5	2950.6
52.5°	2273.5	2420.0	2563.9	2702.8	2836.8	2961.5	3074.8	3171.6	3257.7	3331.5	3390.4
50°	2561.0	2728.7	2895.4	3050.0	3203.9	3347.6	3477.4	3589.8	3690.0	3776.8	3845.0
47.5°	2861.8	3052.6	3238.8	3415.8	3586.1	3745.8	3886.3	4014.4	4139.4	4241.3	4321.9
45°	3174.0	3388.1	3593.5	3795.8	3983.4	4162.4	4335.8	4495.3	4623.5	4735.8	4830.0
42.5°	3490.1	3728.9	3958.9	4179.6	4385.9	4592.9	4787.9	4962.3	5108.5	5236.1	5343.3
40°	3810.3	4071.7	4325.1	4565.7	4801.6	5027.2	5238.2	5422.1	5587.0	5738.6	5864.9
37.5°	4128.9	4416.5	4697.2	4966.8	5226.5	5470.9	5698.9	5906.6	6092.7	6265.4	6405.6
35°	4448.8	4764.4	5071.7	5368.4	5652.1	5921.8	6171.4	6407.8	6627.1	6802.0	6945.5
32.5°	4767.6	5106.8	5441.3	5767.9	6078.4	6369.2	6639.6	6900.8	7126.4	7318.6	7483.6
30°	5076.0	5443.5	5807.8	6161.9	6497.3	6812.3	7111.8	7388.0	7630.6	7840.9	8025.9
27.5°	5378.6	5773.5	6164.3	6542.6	6905.2	7247.6	7574.4	7873.9	8138.7	8367.2	8562.3
25°	5664.7	6089.1	6505.6	6906.8	7294.1	7671.7	8024.6	8351.5	8634.3	8885.2	9085.6
22.5°	5938.0	6390.6	6828.3	7250.2	7664.5	8071.6	8458.0	8799.3	9099.0	9361.2	9583.1
20°	6192.6	6677.6	7125.4	7571.6	8008.1	8442.8	8857.6	9217.6	9534.7	9814.0	10058.5
17.5°	6430.6	6928.1	7399.5	7874.7	8334.7	8790.7	9212.1	9598.0	9940.2	10236.7	10492.8
15°	6632.1	7134.5	7649.4	8156.7	8641.8	9103.5	9524.5	9927.6	10307.6	10628.2	10887.9
12.5°	6795.2	7317.7	7854.9	8393.5	8906.4	9367.5	9808.3	10217.3	10616.3	10976.5	11215.2
10°	6934.3	7472.3	8026.9	8576.1	9095.9	9583.8	10063.0	10495.4	10887.5	11210.0	11476.6
7.5°	7054.5	7608.7	8171.9	8722.0	9240.1	9744.3	10237.6	10696.8	11092.7	11396.5	11634.3
5°	7143.2	7710.5	8284.6	8839.8	9365.1	9870.9	10366.5	10820.0	11206.4	11515.5	11774.8
2.5°	7206.6	7779.3	8357.5	8913.5	9450.5	9957.5	10465.4	10924.0	11298.2	11581.4	11829.7
0°	7247.3	7820.7	8403.5	8972.4	9499.6	9989.8	10535.6	10965.7	11354.2	11636.3	11895.3
-2.5°	7206.6	7779.3	8357.5	8913.5	9450.5	9957.5	10465.4	10924.0	11298.2	11581.4	11829.7
-5°	7143.2	7710.5	8284.6	8839.8	9365.1	9870.9	10366.5	10820.0	11206.4	11515.5	11774.8
-7.5°	7054.5	7608.7	8171.9	8722.0	9240.1	9744.3	10237.6	10696.8	11092.7	11396.5	11634.3
-10°	6934.3	7472.3	8026.9	8576.1	9095.9	9583.8	10063.0	10495.4	10887.5	11210.0	11476.6
-12.5°	6795.2	7317.7	7854.9	8393.5	8906.4	9367.5	9808.3	10217.3	10616.3	10976.5	11215.2
-15°	6632.1	7134.5	7649.4	8156.7	8641.8	9103.5	9524.5	9927.6	10307.6	10628.2	10887.9
-17.5°	6430.6	6928.1	7399.5	7874.7	8334.7	8790.7	9212.1	9598.0	9940.2	10236.7	10492.8
-20°	6192.6	6677.6	7125.4	7571.6	8008.1	8442.8	8857.6	9217.6	9534.7	9814.0	10058.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627241 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-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°	5938.0	6390.6	6828.3	7250.2	7664.5	8071.6	8458.0	8799.3	9099.0	9361.2	9583.1
-25°	5664.7	6089.1	6505.6	6906.8	7294.1	7671.7	8024.6	8351.5	8634.3	8885.2	9085.6
-27.5°	5378.6	5773.5	6164.3	6542.6	6905.2	7247.6	7574.4	7873.9	8138.7	8367.2	8562.3
-30°	5076.0	5443.5	5807.8	6161.9	6497.3	6812.3	7111.8	7388.0	7630.6	7840.9	8025.9
-32.5°	4767.6	5106.8	5441.3	5767.9	6078.4	6369.2	6639.6	6900.8	7126.4	7318.6	7483.6
-35°	4448.8	4764.4	5071.7	5368.4	5652.1	5921.8	6171.4	6407.8	6627.1	6802.0	6945.5
-37.5°	4128.9	4416.5	4697.2	4966.8	5226.5	5470.9	5698.9	5906.6	6092.7	6265.4	6405.6
-40°	3810.3	4071.7	4325.1	4565.7	4801.6	5027.2	5238.2	5422.1	5587.0	5738.6	5864.9
-42.5°	3490.1	3728.9	3958.9	4179.6	4385.9	4592.9	4787.9	4962.3	5108.5	5236.1	5343.3
-45°	3174.0	3388.1	3593.5	3795.8	3983.4	4162.4	4335.8	4495.3	4623.5	4735.8	4830.0
-47.5°	2861.8	3052.6	3238.8	3415.8	3586.1	3745.8	3886.3	4014.4	4139.4	4241.3	4321.9
-50°	2561.0	2728.7	2895.4	3050.0	3203.9	3347.6	3477.4	3589.8	3690.0	3776.8	3845.0
-52.5°	2273.5	2420.0	2563.9	2702.8	2836.8	2961.5	3074.8	3171.6	3257.7	3331.5	3390.4
-55°	2010.8	2131.3	2242.0	2364.2	2482.2	2589.7	2684.3	2767.4	2839.3	2899.5	2950.6
-57.5°	1771.7	1868.1	1963.6	2060.4	2151.9	2237.5	2317.6	2388.4	2448.1	2497.1	2538.3
-60°	1550.5	1624.9	1706.6	1784.5	1856.3	1921.8	1986.9	2043.3	2091.6	2131.6	2163.9
-62.5°	1344.7	1410.2	1471.0	1530.1	1587.9	1644.9	1688.7	1728.5	1763.9	1794.3	1818.6
-65°	1146.6	1200.0	1247.4	1291.0	1330.8	1372.8	1407.2	1436.1	1459.4	1478.6	1494.0
-67.5°	958.1	1000.0	1036.5	1067.6	1098.5	1127.4	1151.2	1170.6	1185.6	1198.3	1208.1
-70°	790.9	822.0	848.3	873.4	898.9	919.4	934.8	946.0	953.1	957.8	961.0
-72.5°	642.4	671.4	695.2	717.5	736.3	749.9	759.7	767.1	772.1	767.1	758.2
-75°	505.5	533.4	560.4	583.3	602.4	611.2	615.5	618.5	620.2	603.6	581.9
-77.5°	387.4	416.0	441.0	463.9	484.7	488.6	488.1	487.0	485.3	462.2	434.3
-80°	272.4	295.0	316.4	337.6	358.5	360.9	358.5	354.2	348.1	325.4	299.8
-82.5°	166.9	180.2	192.9	205.6	218.2	221.4	222.3	221.9	220.1	202.9	183.8
-85°	77.3	82.7	87.8	92.7	97.3	101.7	105.9	109.7	113.2	103.4	92.6
-87.5°	15.2	15.6	16.0	16.4	16.8	17.1	17.4	17.6	17.9	16.9	16.0
-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: P627241 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-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°	14.9	13.8	13.9	13.9	13.9	13.8	14.9	16.0	16.9	17.9	17.6
85°	81.1	69.1	64.7	60.1	64.7	69.1	81.1	92.6	103.4	113.2	109.7
82.5°	163.8	142.9	136.3	129.5	136.3	142.9	163.8	183.8	202.9	220.1	221.9
80°	272.7	244.5	233.4	222.0	233.4	244.5	272.7	299.8	325.4	348.1	354.2
77.5°	404.7	373.7	360.5	346.9	360.5	373.7	404.7	434.3	462.2	485.3	487.0
75°	559.0	534.7	519.9	504.1	519.9	534.7	559.0	581.9	603.6	620.2	618.5
72.5°	748.0	736.1	725.4	712.2	725.4	736.1	748.0	758.2	767.1	772.1	767.1
70°	962.1	960.6	962.6	962.0	962.6	960.6	962.1	961.0	957.8	953.1	946.0
67.5°	1213.2	1213.5	1218.7	1221.0	1218.7	1213.5	1213.2	1208.1	1198.3	1185.6	1170.6
65°	1503.5	1507.1	1505.8	1498.5	1505.8	1507.1	1503.5	1494.0	1478.6	1459.4	1436.1
62.5°	1835.8	1845.7	1851.3	1850.0	1851.3	1845.7	1835.8	1818.6	1794.3	1763.9	1728.5
60°	2188.0	2203.7	2211.5	2210.7	2211.5	2203.7	2188.0	2163.9	2131.6	2091.6	2043.3
57.5°	2569.0	2589.1	2593.7	2585.3	2593.7	2589.1	2569.0	2538.3	2497.1	2448.1	2388.4
55°	2989.2	3014.9	3024.8	3020.1	3024.8	3014.9	2989.2	2950.6	2899.5	2839.3	2767.4
52.5°	3433.6	3461.3	3471.2	3464.1	3471.2	3461.3	3433.6	3390.4	3331.5	3257.7	3171.6
50°	3895.1	3928.7	3942.2	3935.8	3942.2	3928.7	3895.1	3845.0	3776.8	3690.0	3589.8
47.5°	4385.0	4429.8	4447.2	4435.3	4447.2	4429.8	4385.0	4321.9	4241.3	4139.4	4014.4
45°	4900.5	4946.9	4964.9	4953.3	4964.9	4946.9	4900.5	4830.0	4735.8	4623.5	4495.3
42.5°	5425.2	5485.5	5511.0	5489.8	5511.0	5485.5	5425.2	5343.3	5236.1	5108.5	4962.3
40°	5959.2	6024.6	6054.7	6040.1	6054.7	6024.6	5959.2	5864.9	5738.6	5587.0	5422.1
37.5°	6506.9	6572.0	6604.0	6604.4	6604.0	6572.0	6506.9	6405.6	6265.4	6092.7	5906.6
35°	7056.6	7135.4	7180.0	7177.9	7180.0	7135.4	7056.6	6945.5	6802.0	6627.1	6407.8
32.5°	7614.0	7699.3	7744.9	7751.4	7744.9	7699.3	7614.0	7483.6	7318.6	7126.4	6900.8
30°	8170.5	8264.3	8317.1	8338.7	8317.1	8264.3	8170.5	8025.9	7840.9	7630.6	7388.0
27.5°	8710.1	8825.6	8905.3	8912.2	8905.3	8825.6	8710.1	8562.3	8367.2	8138.7	7873.9
25°	9232.8	9350.4	9432.1	9448.7	9432.1	9350.4	9232.8	9085.6	8885.2	8634.3	8351.5
22.5°	9747.9	9870.8	9946.2	9976.0	9946.2	9870.8	9747.9	9583.1	9361.2	9099.0	8799.3
20°	10239.7	10372.9	10452.9	10484.7	10452.9	10372.9	10239.7	10058.5	9814.0	9534.7	9217.6
17.5°	10684.5	10825.3	10924.1	10951.8	10924.1	10825.3	10684.5	10492.8	10236.7	9940.2	9598.0
15°	11076.0	11209.5	11303.3	11340.3	11303.3	11209.5	11076.0	10887.9	10628.2	10307.6	9927.6
12.5°	11394.7	11514.1	11587.6	11622.4	11587.6	11514.1	11394.7	11215.2	10976.5	10616.3	10217.3
10°	11643.6	11763.4	11833.5	11881.4	11833.5	11763.4	11643.6	11476.6	11210.0	10887.5	10495.4
7.5°	11859.7	11982.5	12068.3	12135.8	12068.3	11982.5	11859.7	11634.3	11396.5	11092.7	10696.8
5°	11979.0	12183.9	12214.8	12260.7	12214.8	12183.9	11979.0	11774.8	11515.5	11206.4	10820.0
2.5°	12070.0	12215.3	12302.7	12293.0	12302.7	12215.3	12070.0	11829.7	11581.4	11298.2	10924.0
0°	12135.8	12265.3	12297.7	12339.3	12297.7	12265.3	12135.8	11895.3	11636.3	11354.2	10965.7
-2.5°	12070.0	12215.3	12302.7	12293.0	12302.7	12215.3	12070.0	11829.7	11581.4	11298.2	10924.0
-5°	11979.0	12183.9	12214.8	12260.7	12214.8	12183.9	11979.0	11774.8	11515.5	11206.4	10820.0
-7.5°	11859.7	11982.5	12068.3	12135.8	12068.3	11982.5	11859.7	11634.3	11396.5	11092.7	10696.8
-10°	11643.6	11763.4	11833.5	11881.4	11833.5	11763.4	11643.6	11476.6	11210.0	10887.5	10495.4
-12.5°	11394.7	11514.1	11587.6	11622.4	11587.6	11514.1	11394.7	11215.2	10976.5	10616.3	10217.3
-15°	11076.0	11209.5	11303.3	11340.3	11303.3	11209.5	11076.0	10887.9	10628.2	10307.6	9927.6
-17.5°	10684.5	10825.3	10924.1	10951.8	10924.1	10825.3	10684.5	10492.8	10236.7	9940.2	9598.0
-20°	10239.7	10372.9	10452.9	10484.7	10452.9	10372.9	10239.7	10058.5	9814.0	9534.7	9217.6



REPORT NUMBER: P627241 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-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°	9747.9	9870.8	9946.2	9976.0	9946.2	9870.8	9747.9	9583.1	9361.2	9099.0	8799.3
-25°	9232.8	9350.4	9432.1	9448.7	9432.1	9350.4	9232.8	9085.6	8885.2	8634.3	8351.5
-27.5°	8710.1	8825.6	8905.3	8912.2	8905.3	8825.6	8710.1	8562.3	8367.2	8138.7	7873.9
-30°	8170.5	8264.3	8317.1	8338.7	8317.1	8264.3	8170.5	8025.9	7840.9	7630.6	7388.0
-32.5°	7614.0	7699.3	7744.9	7751.4	7744.9	7699.3	7614.0	7483.6	7318.6	7126.4	6900.8
-35°	7056.6	7135.4	7180.0	7177.9	7180.0	7135.4	7056.6	6945.5	6802.0	6627.1	6407.8
-37.5°	6506.9	6572.0	6604.0	6604.4	6604.0	6572.0	6506.9	6405.6	6265.4	6092.7	5906.6
-40°	5959.2	6024.6	6054.7	6040.1	6054.7	6024.6	5959.2	5864.9	5738.6	5587.0	5422.1
-42.5°	5425.2	5485.5	5511.0	5489.8	5511.0	5485.5	5425.2	5343.3	5236.1	5108.5	4962.3
-45°	4900.5	4946.9	4964.9	4953.3	4964.9	4946.9	4900.5	4830.0	4735.8	4623.5	4495.3
-47.5°	4385.0	4429.8	4447.2	4435.3	4447.2	4429.8	4385.0	4321.9	4241.3	4139.4	4014.4
-50°	3895.1	3928.7	3942.2	3935.8	3942.2	3928.7	3895.1	3845.0	3776.8	3690.0	3589.8
-52.5°	3433.6	3461.3	3471.2	3464.1	3471.2	3461.3	3433.6	3390.4	3331.5	3257.7	3171.6
-55°	2989.2	3014.9	3024.8	3020.1	3024.8	3014.9	2989.2	2950.6	2899.5	2839.3	2767.4
-57.5°	2569.0	2589.1	2593.7	2585.3	2593.7	2589.1	2569.0	2538.3	2497.1	2448.1	2388.4
-60°	2188.0	2203.7	2211.5	2210.7	2211.5	2203.7	2188.0	2163.9	2131.6	2091.6	2043.3
-62.5°	1835.8	1845.7	1851.3	1850.0	1851.3	1845.7	1835.8	1818.6	1794.3	1763.9	1728.5
-65°	1503.5	1507.1	1505.8	1498.5	1505.8	1507.1	1503.5	1494.0	1478.6	1459.4	1436.1
-67.5°	1213.2	1213.5	1218.7	1221.0	1218.7	1213.5	1213.2	1208.1	1198.3	1185.6	1170.6
-70°	962.1	960.6	962.6	962.0	962.6	960.6	962.1	961.0	957.8	953.1	946.0
-72.5°	748.0	736.1	725.4	712.2	725.4	736.1	748.0	758.2	767.1	772.1	767.1
-75°	559.0	534.7	519.9	504.1	519.9	534.7	559.0	581.9	603.6	620.2	618.5
-77.5°	404.7	373.7	360.5	346.9	360.5	373.7	404.7	434.3	462.2	485.3	487.0
-80°	272.7	244.5	233.4	222.0	233.4	244.5	272.7	299.8	325.4	348.1	354.2
-82.5°	163.8	142.9	136.3	129.5	136.3	142.9	163.8	183.8	202.9	220.1	221.9
-85°	81.1	69.1	64.7	60.1	64.7	69.1	81.1	92.6	103.4	113.2	109.7
-87.5°	14.9	13.8	13.9	13.9	13.9	13.8	14.9	16.0	16.9	17.9	17.6
-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: P627241 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-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°	17.4	17.1	16.8	16.4	16.0	15.6	15.2	14.7	14.2	13.6	13.1
85°	105.9	101.7	97.3	92.7	87.8	82.7	77.3	67.8	58.9	50.6	43.5
82.5°	222.3	221.4	218.2	205.6	192.9	180.2	166.9	146.9	127.3	108.3	91.6
80°	358.5	360.9	358.5	337.6	316.4	295.0	272.4	243.2	213.7	185.7	164.7
77.5°	488.1	488.6	484.7	463.9	441.0	416.0	387.4	352.4	317.3	281.8	254.8
75°	615.5	611.2	602.4	583.3	560.4	533.4	505.5	474.7	438.7	397.4	361.9
72.5°	759.7	749.9	736.3	717.5	695.2	671.4	642.4	608.3	570.7	529.4	492.0
70°	934.8	919.4	898.9	873.4	848.3	822.0	790.9	753.4	709.6	664.0	622.3
67.5°	1151.2	1127.4	1098.5	1067.6	1036.5	1000.0	958.1	912.4	867.1	816.5	759.3
65°	1407.2	1372.8	1330.8	1291.0	1247.4	1200.0	1146.6	1093.5	1038.1	977.3	904.8
62.5°	1688.7	1644.9	1587.9	1530.1	1471.0	1410.2	1344.7	1279.5	1213.3	1141.7	1060.0
60°	1986.9	1921.8	1856.3	1784.5	1706.6	1624.9	1550.5	1471.3	1387.6	1306.5	1217.0
57.5°	2317.6	2237.5	2151.9	2060.4	1963.6	1868.1	1771.7	1672.1	1577.5	1478.7	1377.4
55°	2684.3	2589.7	2482.2	2364.2	2242.0	2131.3	2010.8	1890.0	1776.0	1656.0	1544.4
52.5°	3074.8	2961.5	2836.8	2702.8	2563.9	2420.0	2273.5	2134.8	1986.4	1850.6	1715.6
50°	3477.4	3347.6	3203.9	3050.0	2895.4	2728.7	2561.0	2394.3	2226.2	2059.7	1898.0
47.5°	3886.3	3745.8	3586.1	3415.8	3238.8	3052.6	2861.8	2661.2	2475.2	2282.1	2098.4
45°	4335.8	4162.4	3983.4	3795.8	3593.5	3388.1	3174.0	2954.4	2730.7	2518.4	2303.0
42.5°	4787.9	4592.9	4385.9	4179.6	3958.9	3728.9	3490.1	3248.1	3002.2	2757.3	2522.0
40°	5238.2	5027.2	4801.6	4565.7	4325.1	4071.7	3810.3	3541.1	3274.0	3004.8	2738.5
37.5°	5698.9	5470.9	5226.5	4966.8	4697.2	4416.5	4128.9	3837.4	3543.0	3253.2	2964.4
35°	6171.4	5921.8	5652.1	5368.4	5071.7	4764.4	4448.8	4129.7	3812.9	3499.6	3186.6
32.5°	6639.6	6369.2	6078.4	5767.9	5441.3	5106.8	4767.6	4422.9	4076.2	3741.6	3408.3
30°	7111.8	6812.3	6497.3	6161.9	5807.8	5443.5	5076.0	4710.9	4341.4	3973.2	3620.6
27.5°	7574.4	7247.6	6905.2	6542.6	6164.3	5773.5	5378.6	4989.0	4594.8	4203.3	3823.2
25°	8024.6	7671.7	7294.1	6906.8	6505.6	6089.1	5664.7	5252.4	4840.8	4421.9	4005.0
22.5°	8458.0	8071.6	7664.5	7250.2	6828.3	6390.6	5938.0	5493.7	5067.8	4617.8	4182.3
20°	8857.6	8442.8	8008.1	7571.6	7125.4	6677.6	6192.6	5720.0	5261.9	4799.9	4342.9
17.5°	9212.1	8790.7	8334.7	7874.7	7399.5	6928.1	6430.6	5925.9	5440.5	4961.7	4484.3
15°	9524.5	9103.5	8641.8	8156.7	7649.4	7134.5	6632.1	6107.9	5603.3	5104.7	4615.0
12.5°	9808.3	9367.5	8906.4	8393.5	7854.9	7317.7	6795.2	6267.4	5748.1	5235.6	4732.7
10°	10063.0	9583.8	9095.9	8576.1	8026.9	7472.3	6934.3	6401.5	5871.3	5347.6	4829.6
7.5°	10237.6	9744.3	9240.1	8722.0	8171.9	7608.7	7054.5	6509.2	5967.3	5436.8	4905.3
5°	10366.5	9870.9	9365.1	8839.8	8284.6	7710.5	7143.2	6587.3	6035.7	5502.1	4959.2
2.5°	10465.4	9957.5	9450.5	8913.5	8357.5	7779.3	7206.6	6646.0	6090.0	5549.9	5006.8
0°	10535.6	9989.8	9499.6	8972.4	8403.5	7820.7	7247.3	6683.0	6123.4	5573.0	5031.9
-2.5°	10465.4	9957.5	9450.5	8913.5	8357.5	7779.3	7206.6	6646.0	6090.0	5549.9	5006.8
-5°	10366.5	9870.9	9365.1	8839.8	8284.6	7710.5	7143.2	6587.3	6035.7	5502.1	4959.2
-7.5°	10237.6	9744.3	9240.1	8722.0	8171.9	7608.7	7054.5	6509.2	5967.3	5436.8	4905.3
-10°	10063.0	9583.8	9095.9	8576.1	8026.9	7472.3	6934.3	6401.5	5871.3	5347.6	4829.6
-12.5°	9808.3	9367.5	8906.4	8393.5	7854.9	7317.7	6795.2	6267.4	5748.1	5235.6	4732.7
-15°	9524.5	9103.5	8641.8	8156.7	7649.4	7134.5	6632.1	6107.9	5603.3	5104.7	4615.0
-17.5°	9212.1	8790.7	8334.7	7874.7	7399.5	6928.1	6430.6	5925.9	5440.5	4961.7	4484.3
-20°	8857.6	8442.8	8008.1	7571.6	7125.4	6677.6	6192.6	5720.0	5261.9	4799.9	4342.9



REPORT NUMBER: P627241 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-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°	8458.0	8071.6	7664.5	7250.2	6828.3	6390.6	5938.0	5493.7	5067.8	4617.8	4182.3
-25°	8024.6	7671.7	7294.1	6906.8	6505.6	6089.1	5664.7	5252.4	4840.8	4421.9	4005.0
-27.5°	7574.4	7247.6	6905.2	6542.6	6164.3	5773.5	5378.6	4989.0	4594.8	4203.3	3823.2
-30°	7111.8	6812.3	6497.3	6161.9	5807.8	5443.5	5076.0	4710.9	4341.4	3973.2	3620.6
-32.5°	6639.6	6369.2	6078.4	5767.9	5441.3	5106.8	4767.6	4422.9	4076.2	3741.6	3408.3
-35°	6171.4	5921.8	5652.1	5368.4	5071.7	4764.4	4448.8	4129.7	3812.9	3499.6	3186.6
-37.5°	5698.9	5470.9	5226.5	4966.8	4697.2	4416.5	4128.9	3837.4	3543.0	3253.2	2964.4
-40°	5238.2	5027.2	4801.6	4565.7	4325.1	4071.7	3810.3	3541.1	3274.0	3004.8	2738.5
-42.5°	4787.9	4592.9	4385.9	4179.6	3958.9	3728.9	3490.1	3248.1	3002.2	2757.3	2522.0
-45°	4335.8	4162.4	3983.4	3795.8	3593.5	3388.1	3174.0	2954.4	2730.7	2518.4	2303.0
-47.5°	3886.3	3745.8	3586.1	3415.8	3238.8	3052.6	2861.8	2661.2	2475.2	2282.1	2098.4
-50°	3477.4	3347.6	3203.9	3050.0	2895.4	2728.7	2561.0	2394.3	2226.2	2059.7	1898.0
-52.5°	3074.8	2961.5	2836.8	2702.8	2563.9	2420.0	2273.5	2134.8	1986.4	1850.6	1715.6
-55°	2684.3	2589.7	2482.2	2364.2	2242.0	2131.3	2010.8	1890.0	1776.0	1656.0	1544.4
-57.5°	2317.6	2237.5	2151.9	2060.4	1963.6	1868.1	1771.7	1672.1	1577.5	1478.7	1377.4
-60°	1986.9	1921.8	1856.3	1784.5	1706.6	1624.9	1550.5	1471.3	1387.6	1306.5	1217.0
-62.5°	1688.7	1644.9	1587.9	1530.1	1471.0	1410.2	1344.7	1279.5	1213.3	1141.7	1060.0
-65°	1407.2	1372.8	1330.8	1291.0	1247.4	1200.0	1146.6	1093.5	1038.1	977.3	904.8
-67.5°	1151.2	1127.4	1098.5	1067.6	1036.5	1000.0	958.1	912.4	867.1	816.5	759.3
-70°	934.8	919.4	898.9	873.4	848.3	822.0	790.9	753.4	709.6	664.0	622.3
-72.5°	759.7	749.9	736.3	717.5	695.2	671.4	642.4	608.3	570.7	529.4	492.0
-75°	615.5	611.2	602.4	583.3	560.4	533.4	505.5	474.7	438.7	397.4	361.9
-77.5°	488.1	488.6	484.7	463.9	441.0	416.0	387.4	352.4	317.3	281.8	254.8
-80°	358.5	360.9	358.5	337.6	316.4	295.0	272.4	243.2	213.7	185.7	164.7
-82.5°	222.3	221.4	218.2	205.6	192.9	180.2	166.9	146.9	127.3	108.3	91.6
-85°	105.9	101.7	97.3	92.7	87.8	82.7	77.3	67.8	58.9	50.6	43.5
-87.5°	17.4	17.1	16.8	16.4	16.0	15.6	15.2	14.7	14.2	13.6	13.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627241 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-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°	13.3	13.4	13.4	13.2	11.8	10.4	9.1	7.8	7.1	6.3	5.6
85°	43.7	42.7	40.3	36.6	28.8	20.7	18.1	15.6	14.1	12.6	11.1
82.5°	91.3	92.2	92.2	89.4	78.9	67.8	56.3	44.2	32.8	20.8	16.6
80°	164.9	163.1	159.2	151.7	134.4	114.9	100.2	85.0	70.1	54.5	38.4
77.5°	249.3	242.2	233.5	223.6	205.2	183.7	158.9	130.9	107.2	88.0	68.1
75°	343.7	332.3	320.1	303.6	280.1	253.1	225.9	193.2	156.8	122.6	97.7
72.5°	462.0	434.5	410.0	386.9	361.4	331.2	296.5	254.4	210.2	168.5	129.4
70°	581.8	540.6	503.9	472.4	441.7	410.2	372.0	320.0	262.6	213.6	167.5
67.5°	703.5	654.8	605.6	558.5	519.7	482.6	445.8	385.4	319.6	257.6	204.8
65°	837.8	772.8	710.4	652.2	599.5	553.0	509.9	446.6	374.9	305.2	241.0
62.5°	976.1	893.2	819.3	745.1	679.5	623.0	571.1	501.3	427.7	351.2	278.8
60°	1121.6	1027.2	928.8	842.2	761.8	690.4	627.6	555.2	477.2	395.4	316.4
57.5°	1274.7	1163.8	1053.3	943.8	847.1	761.5	682.5	606.4	525.7	439.1	351.4
55°	1429.9	1310.4	1179.7	1056.2	937.7	835.8	740.6	655.5	572.7	482.0	381.6
52.5°	1585.2	1453.9	1313.7	1171.1	1038.4	910.9	804.5	703.3	615.8	523.9	413.0
50°	1747.6	1597.1	1446.9	1292.9	1138.6	998.9	866.2	758.1	657.7	563.7	442.9
47.5°	1916.8	1749.0	1581.9	1413.6	1248.1	1083.0	938.2	811.8	698.3	599.7	470.7
45°	2102.2	1906.0	1720.9	1538.9	1351.8	1174.0	1011.2	863.2	744.2	627.8	496.3
42.5°	2287.4	2071.7	1864.9	1662.4	1460.4	1264.3	1080.3	923.7	788.1	654.6	519.8
40°	2484.5	2237.9	2008.7	1789.0	1566.4	1350.3	1156.9	982.7	829.2	682.5	542.0
37.5°	2676.0	2408.4	2156.4	1909.9	1670.3	1443.1	1230.5	1038.0	868.3	713.8	563.2
35°	2878.8	2579.6	2293.0	2031.5	1777.2	1531.1	1299.5	1093.7	913.2	744.3	583.0
32.5°	3074.7	2747.0	2439.7	2151.5	1879.3	1614.1	1370.4	1152.7	956.4	773.9	601.6
30°	3267.3	2915.0	2580.2	2265.0	1978.2	1701.1	1441.5	1207.8	997.8	802.5	620.3
27.5°	3444.8	3070.7	2714.9	2382.3	2075.4	1783.7	1508.7	1259.0	1037.0	831.9	641.9
25°	3610.1	3220.4	2847.6	2495.2	2165.7	1861.8	1570.6	1306.3	1076.8	862.6	662.0
22.5°	3765.2	3359.4	2968.0	2599.1	2249.2	1933.6	1630.8	1356.7	1114.6	890.9	680.4
20°	3906.2	3484.6	3075.8	2693.4	2330.6	2002.1	1688.9	1401.9	1148.3	916.5	697.0
17.5°	4033.3	3599.1	3178.6	2781.5	2406.3	2062.9	1740.4	1441.7	1178.0	939.3	711.6
15°	4151.2	3703.1	3269.5	2858.4	2471.8	2115.8	1785.3	1476.1	1203.4	959.2	725.5
12.5°	4252.5	3792.3	3346.7	2923.7	2527.0	2160.6	1823.2	1504.9	1224.4	977.1	738.6
10°	4336.0	3866.1	3409.7	2977.2	2571.7	2197.1	1854.0	1529.1	1244.2	992.6	748.6
7.5°	4400.9	3923.8	3458.2	3018.4	2607.1	2227.6	1880.3	1550.1	1260.2	1004.6	755.7
5°	4450.2	3968.9	3500.4	3052.9	2639.7	2252.3	1899.4	1565.1	1271.7	1012.8	759.7
2.5°	4493.9	4002.7	3533.6	3075.2	2661.8	2268.3	1910.9	1574.1	1278.7	1017.1	760.6
0°	4518.6	4019.1	3551.9	3084.8	2673.2	2275.5	1914.7	1577.1	1281.1	1017.5	758.5
-2.5°	4493.9	4002.7	3533.6	3075.2	2661.8	2268.3	1910.9	1574.1	1278.7	1017.1	760.6
-5°	4450.2	3968.9	3500.4	3052.9	2639.7	2252.3	1899.4	1565.1	1271.7	1012.8	759.7
-7.5°	4400.9	3923.8	3458.2	3018.4	2607.1	2227.6	1880.3	1550.1	1260.2	1004.6	755.7
-10°	4336.0	3866.1	3409.7	2977.2	2571.7	2197.1	1854.0	1529.1	1244.2	992.6	748.6
-12.5°	4252.5	3792.3	3346.7	2923.7	2527.0	2160.6	1823.2	1504.9	1224.4	977.1	738.6
-15°	4151.2	3703.1	3269.5	2858.4	2471.8	2115.8	1785.3	1476.1	1203.4	959.2	725.5
-17.5°	4033.3	3599.1	3178.6	2781.5	2406.3	2062.9	1740.4	1441.7	1178.0	939.3	711.6
-20°	3906.2	3484.6	3075.8	2693.4	2330.6	2002.1	1688.9	1401.9	1148.3	916.5	697.0



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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°	3765.2	3359.4	2968.0	2599.1	2249.2	1933.6	1630.8	1356.7	1114.6	890.9	680.4
-25°	3610.1	3220.4	2847.6	2495.2	2165.7	1861.8	1570.6	1306.3	1076.8	862.6	662.0
-27.5°	3444.8	3070.7	2714.9	2382.3	2075.4	1783.7	1508.7	1259.0	1037.0	831.9	641.9
-30°	3267.3	2915.0	2580.2	2265.0	1978.2	1701.1	1441.5	1207.8	997.8	802.5	620.3
-32.5°	3074.7	2747.0	2439.7	2151.5	1879.3	1614.1	1370.4	1152.7	956.4	773.9	601.6
-35°	2878.8	2579.6	2293.0	2031.5	1777.2	1531.1	1299.5	1093.7	913.2	744.3	583.0
-37.5°	2676.0	2408.4	2156.4	1909.9	1670.3	1443.1	1230.5	1038.0	868.3	713.8	563.2
-40°	2484.5	2237.9	2008.7	1789.0	1566.4	1350.3	1156.9	982.7	829.2	682.5	542.0
-42.5°	2287.4	2071.7	1864.9	1662.4	1460.4	1264.3	1080.3	923.7	788.1	654.6	519.8
-45°	2102.2	1906.0	1720.9	1538.9	1351.8	1174.0	1011.2	863.2	744.2	627.8	496.3
-47.5°	1916.8	1749.0	1581.9	1413.6	1248.1	1083.0	938.2	811.8	698.3	599.7	470.7
-50°	1747.6	1597.1	1446.9	1292.9	1138.6	998.9	866.2	758.1	657.7	563.7	442.9
-52.5°	1585.2	1453.9	1313.7	1171.1	1038.4	910.9	804.5	703.3	615.8	523.9	413.0
-55°	1429.9	1310.4	1179.7	1056.2	937.7	835.8	740.6	655.5	572.7	482.0	381.6
-57.5°	1274.7	1163.8	1053.3	943.8	847.1	761.5	682.5	606.4	525.7	439.1	351.4
-60°	1121.6	1027.2	928.8	842.2	761.8	690.4	627.6	555.2	477.2	395.4	316.4
-62.5°	976.1	893.2	819.3	745.1	679.5	623.0	571.1	501.3	427.7	351.2	278.8
-65°	837.8	772.8	710.4	652.2	599.5	553.0	509.9	446.6	374.9	305.2	241.0
-67.5°	703.5	654.8	605.6	558.5	519.7	482.6	445.8	385.4	319.6	257.6	204.8
-70°	581.8	540.6	503.9	472.4	441.7	410.2	372.0	320.0	262.6	213.6	167.5
-72.5°	462.0	434.5	410.0	386.9	361.4	331.2	296.5	254.4	210.2	168.5	129.4
-75°	343.7	332.3	320.1	303.6	280.1	253.1	225.9	193.2	156.8	122.6	97.7
-77.5°	249.3	242.2	233.5	223.6	205.2	183.7	158.9	130.9	107.2	88.0	68.1
-80°	164.9	163.1	159.2	151.7	134.4	114.9	100.2	85.0	70.1	54.5	38.4
-82.5°	91.3	92.2	92.2	89.4	78.9	67.8	56.3	44.2	32.8	20.8	16.6
-85°	43.7	42.7	40.3	36.6	28.8	20.7	18.1	15.6	14.1	12.6	11.1
-87.5°	13.3	13.4	13.4	13.2	11.8	10.4	9.1	7.8	7.1	6.3	5.6
-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: P627241 (CONVERTED FROM TYPE C PHOTOMETRY)

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.8	4.0	3.2	2.4	1.6	0.7	0.0
85°	9.6	8.0	6.4	4.8	3.2	1.4	0.0
82.5°	14.3	12.0	9.6	7.2	4.8	2.1	0.0
80°	21.6	15.9	12.8	9.6	6.4	2.8	0.0
77.5°	46.9	25.0	15.9	12.0	8.0	3.5	0.0
75°	71.7	43.2	20.8	14.3	9.5	4.2	0.0
72.5°	95.7	60.9	33.1	16.6	11.0	4.8	0.0
70°	119.7	78.0	45.0	19.9	12.5	5.5	0.0
67.5°	148.5	94.4	56.5	27.3	13.9	6.1	0.0
65°	176.1	112.7	67.4	34.4	15.3	6.8	0.0
62.5°	202.3	132.8	77.8	41.2	16.6	7.4	0.0
60°	226.9	151.8	87.6	47.6	17.9	7.9	0.0
57.5°	252.9	169.7	100.6	53.6	21.5	8.5	0.0
55°	277.5	186.3	113.0	59.2	25.0	9.1	0.0
52.5°	300.3	202.0	124.5	64.4	28.4	9.6	0.0
50°	321.2	218.8	135.1	69.2	31.6	10.1	0.0
47.5°	340.7	234.0	144.8	74.1	34.7	10.5	0.0
45°	362.5	247.8	153.5	80.5	37.6	11.0	0.0
42.5°	382.4	260.1	161.2	86.3	40.4	11.4	0.0
40°	400.5	270.8	168.9	92.3	43.0	11.8	0.0
37.5°	416.7	279.9	176.6	98.2	45.5	12.1	0.0
35°	431.0	290.5	183.2	103.6	47.7	12.5	0.0
32.5°	444.2	301.1	188.7	108.7	49.8	12.8	0.0
30°	458.0	310.1	193.1	113.3	51.7	13.0	0.0
27.5°	470.3	317.6	199.7	117.5	53.4	13.3	0.0
25°	481.1	323.5	205.9	121.2	55.0	13.5	0.0
22.5°	490.4	329.5	211.4	124.5	56.3	13.7	0.0
20°	498.1	337.7	216.1	127.4	57.5	13.8	0.0
17.5°	507.7	344.4	220.0	129.8	58.5	13.9	0.0
15°	517.7	349.6	223.2	131.7	59.3	14.0	0.0
12.5°	525.8	353.3	225.6	133.2	59.9	14.1	0.0
10°	532.0	355.7	227.3	134.3	60.3	14.1	0.0
7.5°	536.2	356.6	228.2	134.9	60.5	14.1	0.0
5°	538.4	356.2	228.4	135.1	60.6	14.0	0.0
2.5°	538.5	354.5	227.9	134.8	60.4	14.0	0.0
0°	536.5	351.5	226.6	134.1	60.1	13.9	0.0
-2.5°	538.5	354.5	227.9	134.8	60.4	14.0	0.0
-5°	538.4	356.2	228.4	135.1	60.6	14.0	0.0
-7.5°	536.2	356.6	228.2	134.9	60.5	14.1	0.0
-10°	532.0	355.7	227.3	134.3	60.3	14.1	0.0
-12.5°	525.8	353.3	225.6	133.2	59.9	14.1	0.0
-15°	517.7	349.6	223.2	131.7	59.3	14.0	0.0
-17.5°	507.7	344.4	220.0	129.8	58.5	13.9	0.0
-20°	498.1	337.7	216.1	127.4	57.5	13.8	0.0

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REPORT NUMBER: P627241 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-750-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	490.4	329.5	211.4	124.5	56.3	13.7	0.0
-25°	481.1	323.5	205.9	121.2	55.0	13.5	0.0
-27.5°	470.3	317.6	199.7	117.5	53.4	13.3	0.0
-30°	458.0	310.1	193.1	113.3	51.7	13.0	0.0
-32.5°	444.2	301.1	188.7	108.7	49.8	12.8	0.0
-35°	431.0	290.5	183.2	103.6	47.7	12.5	0.0
-37.5°	416.7	279.9	176.6	98.2	45.5	12.1	0.0
-40°	400.5	270.8	168.9	92.3	43.0	11.8	0.0
-42.5°	382.4	260.1	161.2	86.3	40.4	11.4	0.0
-45°	362.5	247.8	153.5	80.5	37.6	11.0	0.0
-47.5°	340.7	234.0	144.8	74.1	34.7	10.5	0.0
-50°	321.2	218.8	135.1	69.2	31.6	10.1	0.0
-52.5°	300.3	202.0	124.5	64.4	28.4	9.6	0.0
-55°	277.5	186.3	113.0	59.2	25.0	9.1	0.0
-57.5°	252.9	169.7	100.6	53.6	21.5	8.5	0.0
-60°	226.9	151.8	87.6	47.6	17.9	7.9	0.0
-62.5°	202.3	132.8	77.8	41.2	16.6	7.4	0.0
-65°	176.1	112.7	67.4	34.4	15.3	6.8	0.0
-67.5°	148.5	94.4	56.5	27.3	13.9	6.1	0.0
-70°	119.7	78.0	45.0	19.9	12.5	5.5	0.0
-72.5°	95.7	60.9	33.1	16.6	11.0	4.8	0.0
-75°	71.7	43.2	20.8	14.3	9.5	4.2	0.0
-77.5°	46.9	25.0	15.9	12.0	8.0	3.5	0.0
-80°	21.6	15.9	12.8	9.6	6.4	2.8	0.0
-82.5°	14.3	12.0	9.6	7.2	4.8	2.1	0.0
-85°	9.6	8.0	6.4	4.8	3.2	1.4	0.0
-87.5°	4.8	4.0	3.2	2.4	1.6	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)