

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: P627171 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3C-740-U-VWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627171 (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-SA3C-740-U-VWR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N78
Light Source: (48) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

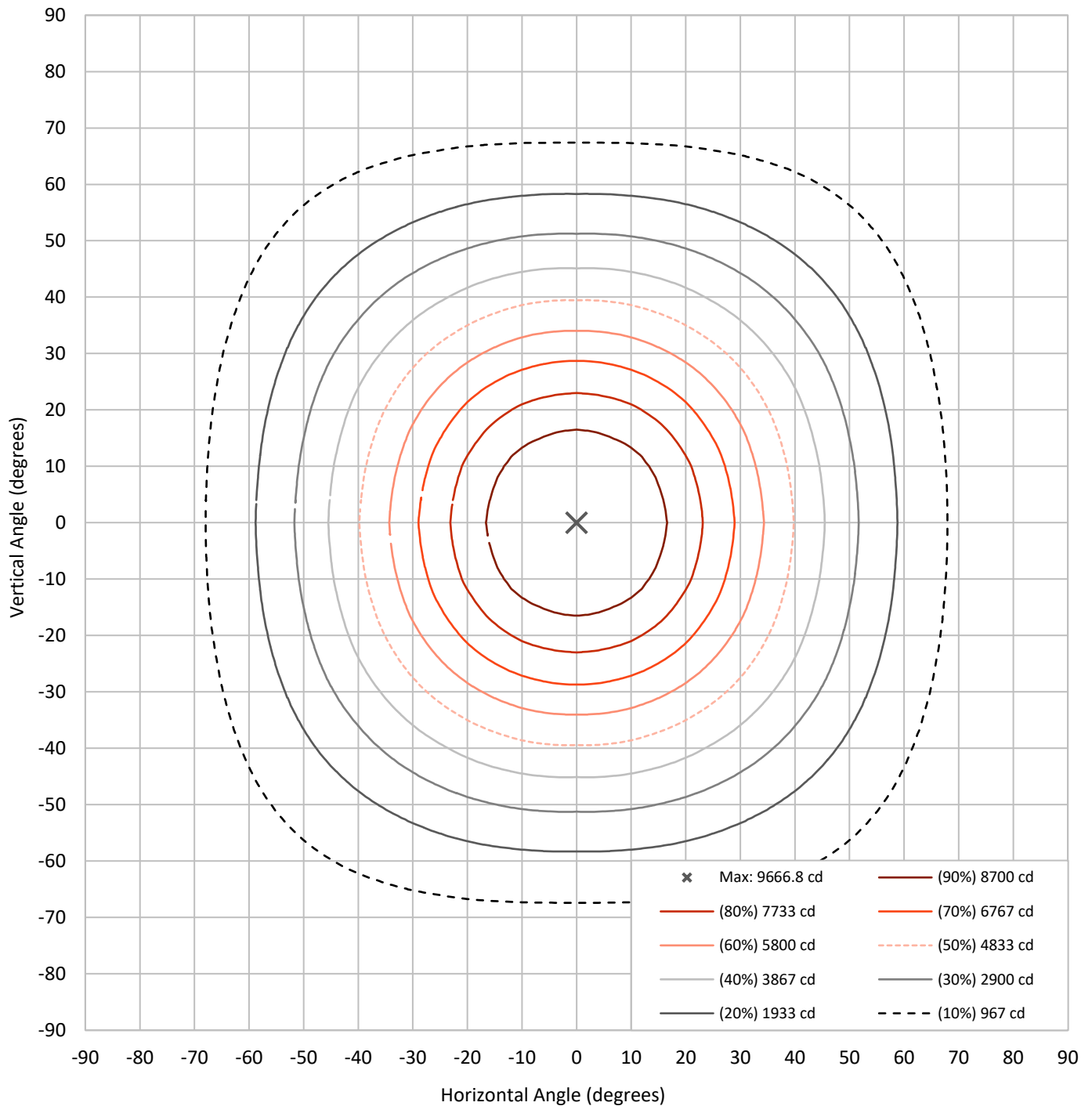
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	17471.8 lumens	Max Intensity:	9666.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	143.6 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:	10247.3 lumens	Field Lumens:	16656.4 lumens
Beam Efficiency:	58.7%	Field Efficiency:	95.3%
Input Watts (W):	121.7		
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		



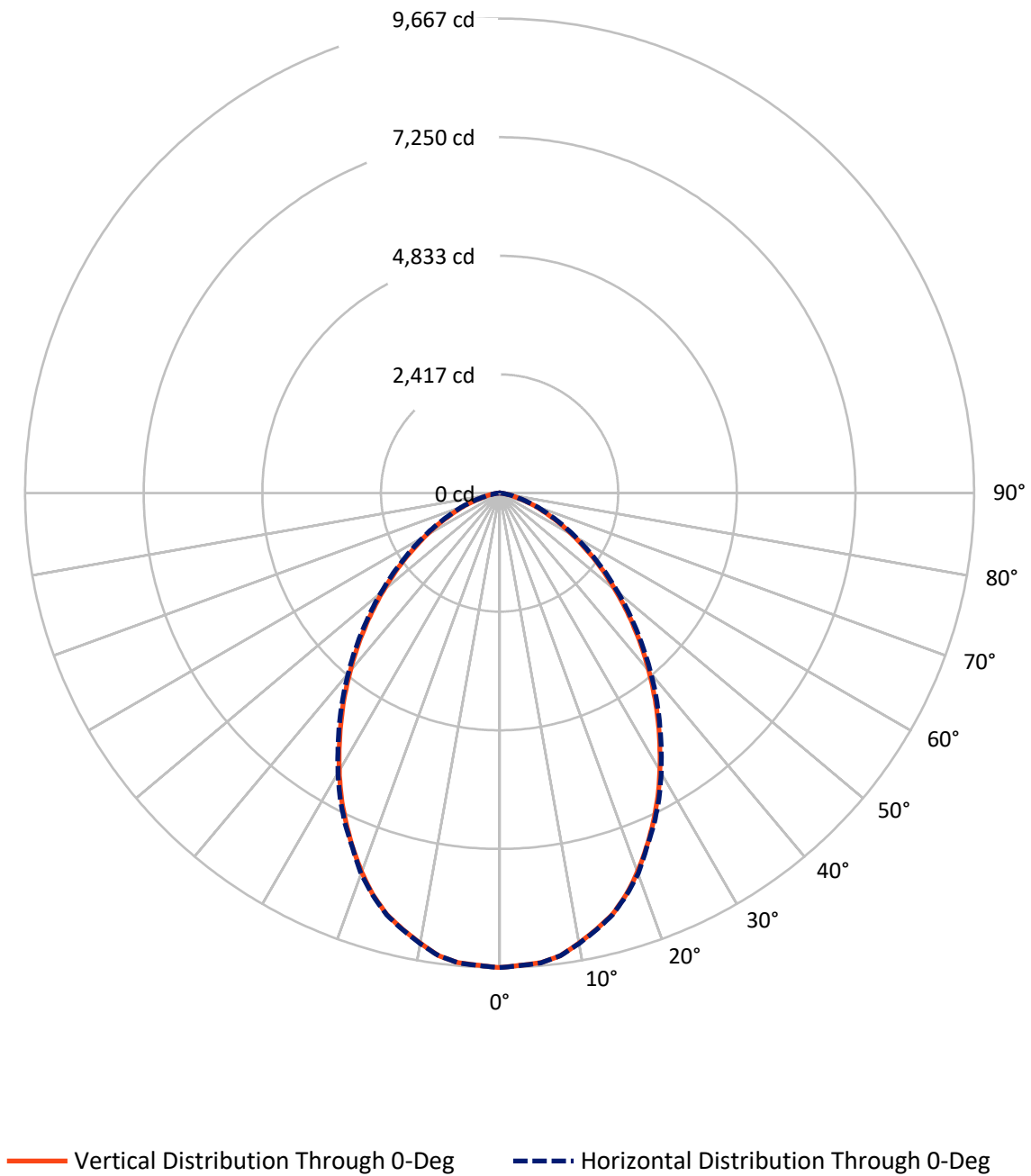
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Iso-Candela Plot



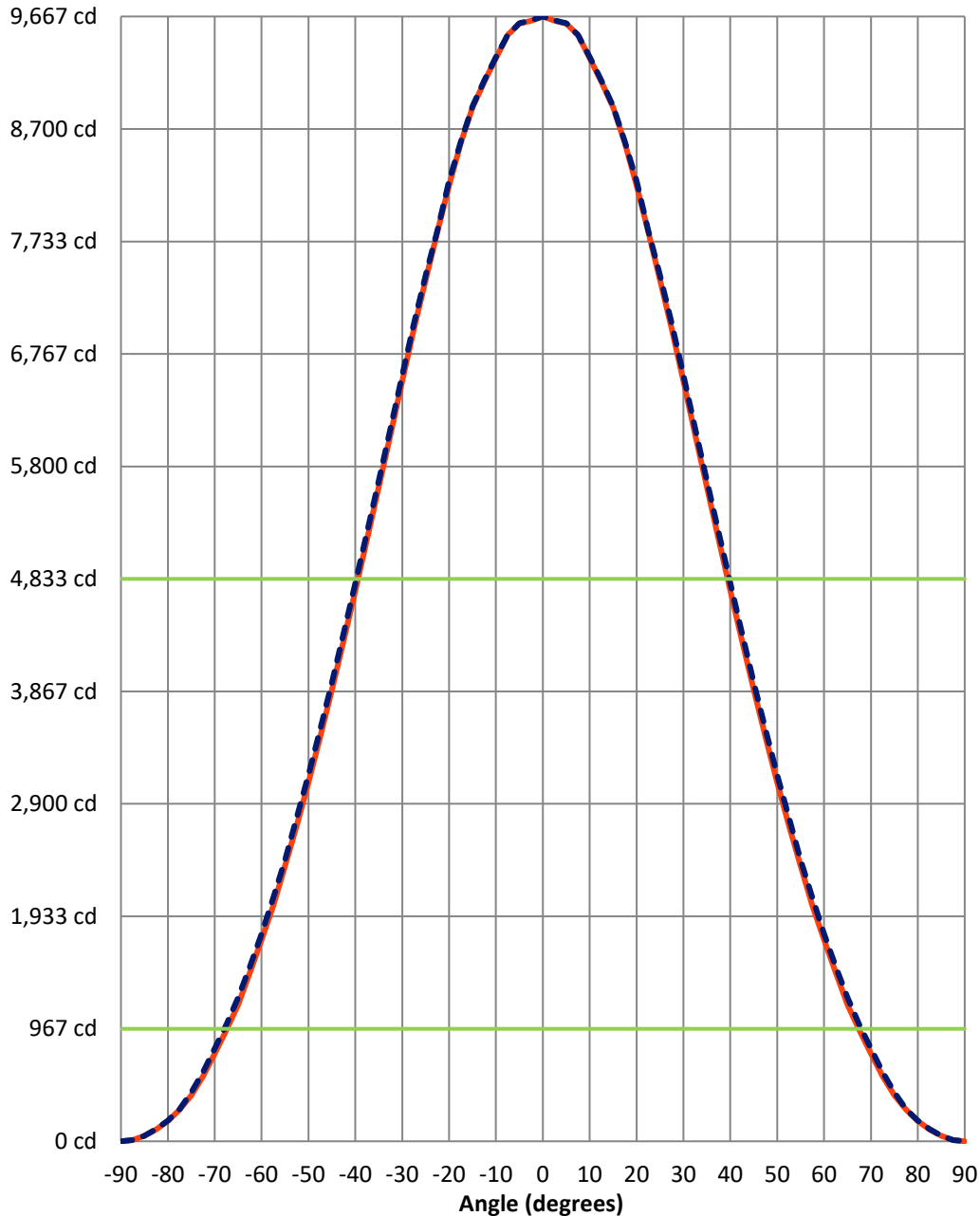
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 79.6°
 V Angle: 78.9°
 Lumens: 10247.3
 Efficiency: 58.7%

Field:
 H Angle: 135.9°
 V Angle: 134.8°
 Lumens: 16656.4
 Efficiency: 95.3%

Spill:
 Lumens: 815.4
 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	0.6	1.3	1.9	2.5	3.1	3.8	4.4	5.0	5.5	6.1
85°	0.0	1.1	2.5	3.8	5.0	6.3	7.5	8.7	9.9	11.1	12.2
82.5°	0.0	1.7	3.8	5.7	7.5	9.4	11.2	13.0	16.3	25.7	34.7
80°	0.0	2.2	5.0	7.5	10.0	12.5	16.9	30.1	42.7	54.9	66.6
77.5°	0.0	2.7	6.2	9.4	12.5	19.6	36.8	53.4	69.0	84.0	102.6
75°	0.0	3.3	7.4	11.2	16.3	33.9	56.2	76.6	96.1	122.9	151.3
72.5°	0.0	3.8	8.6	13.0	25.9	47.7	75.0	101.4	132.1	164.7	199.3
70°	0.0	4.3	9.8	15.6	35.3	61.1	93.8	131.3	167.3	205.8	250.7
67.5°	0.0	4.8	10.9	21.4	44.3	74.0	116.4	160.5	201.9	250.4	301.9
65°	0.0	5.3	12.0	26.9	52.8	88.3	138.0	188.9	239.1	293.7	349.9
62.5°	0.0	5.8	13.0	32.2	60.9	104.1	158.5	218.5	275.1	335.1	392.7
60°	0.0	6.2	14.0	37.3	68.6	119.0	177.8	247.9	309.8	373.8	435.0
57.5°	0.0	6.7	16.8	42.0	78.8	132.9	198.2	275.3	344.0	411.9	475.0
55°	0.0	7.1	19.6	46.4	88.5	145.9	217.4	299.0	377.6	448.6	513.5
52.5°	0.0	7.5	22.2	50.4	97.5	158.3	235.3	323.6	410.4	482.5	551.0
50°	0.0	7.9	24.7	54.1	105.8	171.4	251.6	347.0	441.6	515.3	593.9
47.5°	0.0	8.3	27.2	58.0	113.4	183.4	266.9	368.7	469.9	547.1	636.0
45°	0.0	8.6	29.5	63.0	120.2	194.2	284.0	388.8	491.8	583.0	676.2
42.5°	0.0	8.9	31.6	67.6	126.2	203.8	299.6	407.2	512.8	617.4	723.6
40°	0.0	9.2	33.7	72.2	132.3	212.1	313.8	424.6	534.7	649.6	769.8
37.5°	0.0	9.5	35.6	76.8	138.3	219.3	326.4	441.2	559.2	680.2	813.2
35°	0.0	9.8	37.4	81.1	143.5	227.6	337.6	456.8	583.1	715.4	856.8
32.5°	0.0	10.0	39.0	85.1	147.8	235.9	348.0	471.4	606.3	749.3	903.0
30°	0.0	10.2	40.5	88.7	151.3	242.9	358.7	486.0	628.7	781.7	946.2
27.5°	0.0	10.4	41.9	92.0	156.4	248.8	368.4	502.9	651.8	812.4	986.3
25°	0.0	10.6	43.1	94.9	161.3	253.4	376.9	518.6	675.8	843.6	1023.4
22.5°	0.0	10.7	44.1	97.5	165.6	258.1	384.2	533.1	697.9	873.2	1062.8
20°	0.0	10.8	45.0	99.8	169.3	264.5	390.2	546.0	718.0	899.6	1098.2
17.5°	0.0	10.9	45.8	101.7	172.4	269.8	397.7	557.4	735.9	922.8	1129.5
15°	0.0	11.0	46.4	103.2	174.8	273.9	405.6	568.3	751.5	942.7	1156.4
12.5°	0.0	11.0	46.9	104.4	176.8	276.8	411.9	578.6	765.5	959.2	1178.9
10°	0.0	11.0	47.2	105.2	178.1	278.6	416.8	586.5	777.7	974.7	1197.9
7.5°	0.0	11.0	47.4	105.7	178.8	279.4	420.1	592.0	787.0	987.2	1214.3
5°	0.0	11.0	47.5	105.8	178.9	279.1	421.8	595.1	793.4	996.3	1226.1
2.5°	0.0	11.0	47.3	105.6	178.5	277.7	421.9	595.9	796.8	1001.7	1233.1
0°	0.0	10.9	47.1	105.1	177.5	275.4	420.3	594.2	797.1	1003.6	1235.5
-2.5°	0.0	11.0	47.3	105.6	178.5	277.7	421.9	595.9	796.8	1001.7	1233.1
-5°	0.0	11.0	47.5	105.8	178.9	279.1	421.8	595.1	793.4	996.3	1226.1
-7.5°	0.0	11.0	47.4	105.7	178.8	279.4	420.1	592.0	787.0	987.2	1214.3
-10°	0.0	11.0	47.2	105.2	178.1	278.6	416.8	586.5	777.7	974.7	1197.9
-12.5°	0.0	11.0	46.9	104.4	176.8	276.8	411.9	578.6	765.5	959.2	1178.9
-15°	0.0	11.0	46.4	103.2	174.8	273.9	405.6	568.3	751.5	942.7	1156.4
-17.5°	0.0	10.9	45.8	101.7	172.4	269.8	397.7	557.4	735.9	922.8	1129.5
-20°	0.0	10.8	45.0	99.8	169.3	264.5	390.2	546.0	718.0	899.6	1098.2

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CATALOG NUMBER: GFLD-SA3C-740-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	10.7	44.1	97.5	165.6	258.1	384.2	533.1	697.9	873.2	1062.8
-25°	0.0	10.6	43.1	94.9	161.3	253.4	376.9	518.6	675.8	843.6	1023.4
-27.5°	0.0	10.4	41.9	92.0	156.4	248.8	368.4	502.9	651.8	812.4	986.3
-30°	0.0	10.2	40.5	88.7	151.3	242.9	358.7	486.0	628.7	781.7	946.2
-32.5°	0.0	10.0	39.0	85.1	147.8	235.9	348.0	471.4	606.3	749.3	903.0
-35°	0.0	9.8	37.4	81.1	143.5	227.6	337.6	456.8	583.1	715.4	856.8
-37.5°	0.0	9.5	35.6	76.8	138.3	219.3	326.4	441.2	559.2	680.2	813.2
-40°	0.0	9.2	33.7	72.2	132.3	212.1	313.8	424.6	534.7	649.6	769.8
-42.5°	0.0	8.9	31.6	67.6	126.2	203.8	299.6	407.2	512.8	617.4	723.6
-45°	0.0	8.6	29.5	63.0	120.2	194.2	284.0	388.8	491.8	583.0	676.2
-47.5°	0.0	8.3	27.2	58.0	113.4	183.4	266.9	368.7	469.9	547.1	636.0
-50°	0.0	7.9	24.7	54.1	105.8	171.4	251.6	347.0	441.6	515.3	593.9
-52.5°	0.0	7.5	22.2	50.4	97.5	158.3	235.3	323.6	410.4	482.5	551.0
-55°	0.0	7.1	19.6	46.4	88.5	145.9	217.4	299.0	377.6	448.6	513.5
-57.5°	0.0	6.7	16.8	42.0	78.8	132.9	198.2	275.3	344.0	411.9	475.0
-60°	0.0	6.2	14.0	37.3	68.6	119.0	177.8	247.9	309.8	373.8	435.0
-62.5°	0.0	5.8	13.0	32.2	60.9	104.1	158.5	218.5	275.1	335.1	392.7
-65°	0.0	5.3	12.0	26.9	52.8	88.3	138.0	188.9	239.1	293.7	349.9
-67.5°	0.0	4.8	10.9	21.4	44.3	74.0	116.4	160.5	201.9	250.4	301.9
-70°	0.0	4.3	9.8	15.6	35.3	61.1	93.8	131.3	167.3	205.8	250.7
-72.5°	0.0	3.8	8.6	13.0	25.9	47.7	75.0	101.4	132.1	164.7	199.3
-75°	0.0	3.3	7.4	11.2	16.3	33.9	56.2	76.6	96.1	122.9	151.3
-77.5°	0.0	2.7	6.2	9.4	12.5	19.6	36.8	53.4	69.0	84.0	102.6
-80°	0.0	2.2	5.0	7.5	10.0	12.5	16.9	30.1	42.7	54.9	66.6
-82.5°	0.0	1.7	3.8	5.7	7.5	9.4	11.2	13.0	16.3	25.7	34.7
-85°	0.0	1.1	2.5	3.8	5.0	6.3	7.5	8.7	9.9	11.1	12.2
-87.5°	0.0	0.6	1.3	1.9	2.5	3.1	3.8	4.4	5.0	5.5	6.1
-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: P627171 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-740-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.1	8.1	9.2	10.4	10.5	10.5	10.4	10.3	10.7	11.1	11.5
85°	14.2	16.3	22.6	28.7	31.6	33.4	34.3	34.1	39.7	46.1	53.1
82.5°	44.1	53.2	61.8	70.1	72.2	72.3	71.6	71.8	84.8	99.8	115.1
80°	78.5	90.0	105.3	118.9	124.8	127.8	129.2	129.0	145.5	167.4	190.5
77.5°	124.5	143.9	160.8	175.2	182.9	189.7	195.3	199.6	220.8	248.6	276.1
75°	176.9	198.2	219.4	237.8	250.7	260.3	269.2	283.6	311.3	343.7	371.9
72.5°	232.3	259.5	283.1	303.1	321.2	340.4	361.9	385.4	414.7	447.1	476.6
70°	291.4	321.3	346.0	370.1	394.8	423.5	455.8	487.5	520.2	555.9	590.3
67.5°	349.2	378.1	407.1	437.6	474.5	513.0	551.1	594.9	639.7	679.3	714.8
65°	399.5	433.3	469.6	510.9	556.5	605.4	656.4	708.9	765.7	813.3	856.7
62.5°	447.4	488.1	532.3	583.7	641.8	699.8	764.7	830.5	894.4	950.5	1002.4
60°	491.6	540.9	596.8	659.8	727.7	804.7	878.6	953.4	1023.5	1087.1	1152.7
57.5°	534.7	596.6	663.7	739.4	825.1	911.7	998.6	1079.0	1158.4	1235.8	1310.0
55°	580.2	654.8	734.6	827.5	924.2	1026.5	1120.1	1209.9	1297.4	1391.3	1480.6
52.5°	630.2	713.6	813.5	917.4	1029.1	1139.0	1241.8	1344.1	1449.8	1556.2	1672.4
50°	678.6	782.5	892.0	1012.8	1133.5	1251.2	1369.1	1486.9	1613.6	1744.0	1875.7
47.5°	735.1	848.5	977.8	1107.4	1239.2	1370.2	1501.6	1643.9	1787.9	1939.1	2084.8
45°	792.2	919.7	1059.0	1205.6	1348.2	1493.2	1646.9	1804.2	1972.9	2139.2	2314.6
42.5°	846.4	990.5	1144.1	1302.3	1461.0	1623.0	1792.0	1975.8	2160.1	2352.0	2544.6
40°	906.3	1057.8	1227.1	1401.5	1573.7	1753.3	1946.4	2145.4	2354.0	2564.9	2774.1
37.5°	964.0	1130.5	1308.5	1496.2	1689.4	1886.8	2096.4	2322.3	2548.6	2775.6	3006.3
35°	1018.0	1199.5	1392.3	1591.5	1796.4	2020.9	2255.3	2496.4	2741.6	2987.1	3235.2
32.5°	1073.6	1264.5	1472.3	1685.6	1911.3	2152.0	2408.8	2670.1	2931.2	3193.3	3465.0
30°	1129.3	1332.7	1549.8	1774.5	2021.3	2283.7	2559.7	2836.4	3112.6	3401.1	3690.6
27.5°	1181.9	1397.3	1625.9	1866.3	2126.8	2405.6	2698.7	2995.2	3293.0	3599.6	3908.4
25°	1230.4	1458.6	1696.6	1954.8	2230.9	2522.9	2828.2	3137.6	3464.2	3792.4	4114.8
22.5°	1277.6	1514.8	1762.1	2036.2	2325.1	2631.8	2949.7	3276.4	3617.7	3970.2	4303.9
20°	1323.1	1568.5	1825.8	2110.0	2409.5	2729.9	3060.2	3402.3	3760.4	4122.2	4481.2
17.5°	1363.5	1616.1	1885.1	2179.0	2490.1	2819.6	3159.7	3513.1	3887.1	4262.2	4642.5
15°	1398.6	1657.6	1936.5	2239.3	2561.4	2901.0	3252.1	3615.5	3999.1	4389.7	4785.0
12.5°	1428.3	1692.7	1979.7	2290.4	2621.8	2970.9	3331.5	3707.6	4101.6	4503.2	4910.0
10°	1452.5	1721.3	2014.7	2332.3	2671.2	3028.7	3396.8	3783.6	4189.4	4599.7	5015.0
7.5°	1473.0	1745.2	2042.4	2364.6	2709.2	3073.9	3447.7	3842.9	4259.3	4674.9	5099.4
5°	1488.0	1764.4	2067.9	2391.6	2742.3	3109.3	3486.3	3885.1	4310.4	4728.5	5160.6
2.5°	1497.0	1777.0	2085.3	2409.2	2768.2	3135.8	3520.6	3922.4	4347.9	4771.0	5206.6
0°	1500.0	1782.6	2094.2	2416.7	2782.6	3148.6	3539.9	3942.1	4366.0	4797.2	5235.6
-2.5°	1497.0	1777.0	2085.3	2409.2	2768.2	3135.8	3520.6	3922.4	4347.9	4771.0	5206.6
-5°	1488.0	1764.4	2067.9	2391.6	2742.3	3109.3	3486.3	3885.1	4310.4	4728.5	5160.6
-7.5°	1473.0	1745.2	2042.4	2364.6	2709.2	3073.9	3447.7	3842.9	4259.3	4674.9	5099.4
-10°	1452.5	1721.3	2014.7	2332.3	2671.2	3028.7	3396.8	3783.6	4189.4	4599.7	5015.0
-12.5°	1428.3	1692.7	1979.7	2290.4	2621.8	2970.9	3331.5	3707.6	4101.6	4503.2	4910.0
-15°	1398.6	1657.6	1936.5	2239.3	2561.4	2901.0	3252.1	3615.5	3999.1	4389.7	4785.0
-17.5°	1363.5	1616.1	1885.1	2179.0	2490.1	2819.6	3159.7	3513.1	3887.1	4262.2	4642.5
-20°	1323.1	1568.5	1825.8	2110.0	2409.5	2729.9	3060.2	3402.3	3760.4	4122.2	4481.2



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 CATALOG NUMBER: GFLD-SA3C-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°	1277.6	1514.8	1762.1	2036.2	2325.1	2631.8	2949.7	3276.4	3617.7	3970.2	4303.9
-25°	1230.4	1458.6	1696.6	1954.8	2230.9	2522.9	2828.2	3137.6	3464.2	3792.4	4114.8
-27.5°	1181.9	1397.3	1625.9	1866.3	2126.8	2405.6	2698.7	2995.2	3293.0	3599.6	3908.4
-30°	1129.3	1332.7	1549.8	1774.5	2021.3	2283.7	2559.7	2836.4	3112.6	3401.1	3690.6
-32.5°	1073.6	1264.5	1472.3	1685.6	1911.3	2152.0	2408.8	2670.1	2931.2	3193.3	3465.0
-35°	1018.0	1199.5	1392.3	1591.5	1796.4	2020.9	2255.3	2496.4	2741.6	2987.1	3235.2
-37.5°	964.0	1130.5	1308.5	1496.2	1689.4	1886.8	2096.4	2322.3	2548.6	2775.6	3006.3
-40°	906.3	1057.8	1227.1	1401.5	1573.7	1753.3	1946.4	2145.4	2354.0	2564.9	2774.1
-42.5°	846.4	990.5	1144.1	1302.3	1461.0	1623.0	1792.0	1975.8	2160.1	2352.0	2544.6
-45°	792.2	919.7	1059.0	1205.6	1348.2	1493.2	1646.9	1804.2	1972.9	2139.2	2314.6
-47.5°	735.1	848.5	977.8	1107.4	1239.2	1370.2	1501.6	1643.9	1787.9	1939.1	2084.8
-50°	678.6	782.5	892.0	1012.8	1133.5	1251.2	1369.1	1486.9	1613.6	1744.0	1875.7
-52.5°	630.2	713.6	813.5	917.4	1029.1	1139.0	1241.8	1344.1	1449.8	1556.2	1672.4
-55°	580.2	654.8	734.6	827.5	924.2	1026.5	1120.1	1209.9	1297.4	1391.3	1480.6
-57.5°	534.7	596.6	663.7	739.4	825.1	911.7	998.6	1079.0	1158.4	1235.8	1310.0
-60°	491.6	540.9	596.8	659.8	727.7	804.7	878.6	953.4	1023.5	1087.1	1152.7
-62.5°	447.4	488.1	532.3	583.7	641.8	699.8	764.7	830.5	894.4	950.5	1002.4
-65°	399.5	433.3	469.6	510.9	556.5	605.4	656.4	708.9	765.7	813.3	856.7
-67.5°	349.2	378.1	407.1	437.6	474.5	513.0	551.1	594.9	639.7	679.3	714.8
-70°	291.4	321.3	346.0	370.1	394.8	423.5	455.8	487.5	520.2	555.9	590.3
-72.5°	232.3	259.5	283.1	303.1	321.2	340.4	361.9	385.4	414.7	447.1	476.6
-75°	176.9	198.2	219.4	237.8	250.7	260.3	269.2	283.6	311.3	343.7	371.9
-77.5°	124.5	143.9	160.8	175.2	182.9	189.7	195.3	199.6	220.8	248.6	276.1
-80°	78.5	90.0	105.3	118.9	124.8	127.8	129.2	129.0	145.5	167.4	190.5
-82.5°	44.1	53.2	61.8	70.1	72.2	72.3	71.6	71.8	84.8	99.8	115.1
-85°	14.2	16.3	22.6	28.7	31.6	33.4	34.3	34.1	39.7	46.1	53.1
-87.5°	7.1	8.1	9.2	10.4	10.5	10.5	10.4	10.3	10.7	11.1	11.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627171 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-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°	11.9	12.2	12.6	12.9	13.1	13.4	13.6	13.8	14.0	13.3	12.5
85°	60.6	64.8	68.8	72.6	76.3	79.7	83.0	86.0	88.7	81.0	72.5
82.5°	130.7	141.2	151.2	161.1	170.9	173.4	174.2	173.9	172.5	159.0	144.0
80°	213.4	231.1	247.9	264.5	280.8	282.7	280.8	277.4	272.6	254.9	234.8
77.5°	303.6	325.9	345.5	363.4	379.7	382.8	382.4	381.6	380.2	362.2	340.3
75°	396.0	417.9	439.0	456.9	471.9	478.8	482.2	484.6	485.9	472.9	455.9
72.5°	503.3	526.0	544.6	562.1	576.8	587.5	595.1	600.9	604.9	600.9	594.0
70°	619.6	644.0	664.6	684.2	704.2	720.3	732.3	741.1	746.7	750.3	752.9
67.5°	750.6	783.4	812.0	836.4	860.6	883.2	901.8	917.0	928.8	938.7	946.4
65°	898.2	940.1	977.3	1011.4	1042.6	1075.4	1102.4	1125.1	1143.3	1158.3	1170.4
62.5°	1053.4	1104.8	1152.4	1198.7	1244.0	1288.6	1322.9	1354.1	1381.8	1405.7	1424.7
60°	1214.7	1273.0	1337.0	1398.0	1454.2	1505.6	1556.6	1600.8	1638.6	1669.9	1695.2
57.5°	1388.0	1463.5	1538.3	1614.2	1685.8	1752.9	1815.7	1871.1	1917.9	1956.3	1988.5
55°	1575.3	1669.7	1756.5	1852.1	1944.6	2028.8	2102.9	2168.0	2224.3	2271.5	2311.6
52.5°	1781.1	1895.9	2008.6	2117.4	2222.4	2320.0	2408.8	2484.6	2552.1	2610.0	2656.1
50°	2006.3	2137.7	2268.3	2389.4	2510.0	2622.6	2724.3	2812.3	2890.8	2958.7	3012.2
47.5°	2242.0	2391.5	2537.3	2676.0	2809.4	2934.5	3044.6	3144.9	3242.8	3322.6	3385.8
45°	2486.6	2654.3	2815.2	2973.7	3120.7	3260.9	3396.7	3521.7	3622.1	3710.0	3783.9
42.5°	2734.2	2921.3	3101.5	3274.4	3436.0	3598.1	3750.9	3887.5	4002.0	4102.1	4186.0
40°	2985.0	3189.8	3388.4	3576.9	3761.7	3938.4	4103.7	4247.7	4376.9	4495.7	4594.6
37.5°	3234.6	3460.0	3679.9	3891.1	4094.5	4286.0	4464.6	4627.3	4773.2	4908.4	5018.2
35°	3485.3	3732.5	3973.3	4205.7	4427.9	4639.2	4834.7	5019.9	5191.7	5328.7	5441.1
32.5°	3735.0	4000.8	4262.8	4518.6	4761.8	4989.6	5201.5	5406.2	5582.9	5733.5	5862.7
30°	3976.6	4264.5	4549.9	4827.3	5090.0	5336.8	5571.5	5787.8	5977.9	6142.6	6287.6
27.5°	4213.7	4523.1	4829.2	5125.6	5409.6	5677.9	5933.9	6168.5	6376.0	6555.0	6707.8
25°	4437.8	4770.3	5096.6	5410.9	5714.3	6010.2	6286.6	6542.7	6764.2	6960.8	7117.8
22.5°	4651.9	5006.5	5349.4	5680.0	6004.6	6323.4	6626.1	6893.5	7128.3	7333.7	7507.5
20°	4851.4	5231.4	5582.2	5931.8	6273.6	6614.2	6939.1	7221.3	7469.7	7688.4	7880.0
17.5°	5037.9	5427.6	5797.0	6169.2	6529.5	6886.7	7216.9	7519.3	7787.3	8019.6	8220.2
15°	5195.7	5589.3	5992.7	6390.1	6770.0	7131.8	7461.6	7777.5	8075.1	8326.3	8529.7
12.5°	5323.5	5732.8	6153.7	6575.5	6977.4	7338.7	7684.0	8004.4	8316.9	8599.1	8786.1
10°	5432.4	5853.9	6288.4	6718.6	7125.8	7508.1	7883.5	8222.2	8529.4	8782.1	8990.9
7.5°	5526.6	5960.8	6402.0	6832.9	7238.8	7633.8	8020.3	8380.0	8690.1	8928.2	9114.5
5°	5596.0	6040.5	6490.3	6925.2	7336.8	7733.0	8121.2	8476.5	8779.2	9021.4	9224.6
2.5°	5645.7	6094.4	6547.4	6983.0	7403.6	7800.8	8198.7	8558.0	8851.2	9073.0	9267.6
0°	5677.6	6126.9	6583.4	7029.1	7442.1	7826.2	8253.7	8590.7	8895.0	9116.0	9318.9
-2.5°	5645.7	6094.4	6547.4	6983.0	7403.6	7800.8	8198.7	8558.0	8851.2	9073.0	9267.6
-5°	5596.0	6040.5	6490.3	6925.2	7336.8	7733.0	8121.2	8476.5	8779.2	9021.4	9224.6
-7.5°	5526.6	5960.8	6402.0	6832.9	7238.8	7633.8	8020.3	8380.0	8690.1	8928.2	9114.5
-10°	5432.4	5853.9	6288.4	6718.6	7125.8	7508.1	7883.5	8222.2	8529.4	8782.1	8990.9
-12.5°	5323.5	5732.8	6153.7	6575.5	6977.4	7338.7	7684.0	8004.4	8316.9	8599.1	8786.1
-15°	5195.7	5589.3	5992.7	6390.1	6770.0	7131.8	7461.6	7777.5	8075.1	8326.3	8529.7
-17.5°	5037.9	5427.6	5797.0	6169.2	6529.5	6886.7	7216.9	7519.3	7787.3	8019.6	8220.2
-20°	4851.4	5231.4	5582.2	5931.8	6273.6	6614.2	6939.1	7221.3	7469.7	7688.4	7880.0



REPORT NUMBER: P627171 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-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°	4651.9	5006.5	5349.4	5680.0	6004.6	6323.4	6626.1	6893.5	7128.3	7333.7	7507.5
-25°	4437.8	4770.3	5096.6	5410.9	5714.3	6010.2	6286.6	6542.7	6764.2	6960.8	7117.8
-27.5°	4213.7	4523.1	4829.2	5125.6	5409.6	5677.9	5933.9	6168.5	6376.0	6555.0	6707.8
-30°	3976.6	4264.5	4549.9	4827.3	5090.0	5336.8	5571.5	5787.8	5977.9	6142.6	6287.6
-32.5°	3735.0	4000.8	4262.8	4518.6	4761.8	4989.6	5201.5	5406.2	5582.9	5733.5	5862.7
-35°	3485.3	3732.5	3973.3	4205.7	4427.9	4639.2	4834.7	5019.9	5191.7	5328.7	5441.1
-37.5°	3234.6	3460.0	3679.9	3891.1	4094.5	4286.0	4464.6	4627.3	4773.2	4908.4	5018.2
-40°	2985.0	3189.8	3388.4	3576.9	3761.7	3938.4	4103.7	4247.7	4376.9	4495.7	4594.6
-42.5°	2734.2	2921.3	3101.5	3274.4	3436.0	3598.1	3750.9	3887.5	4002.0	4102.1	4186.0
-45°	2486.6	2654.3	2815.2	2973.7	3120.7	3260.9	3396.7	3521.7	3622.1	3710.0	3783.9
-47.5°	2242.0	2391.5	2537.3	2676.0	2809.4	2934.5	3044.6	3144.9	3242.8	3322.6	3385.8
-50°	2006.3	2137.7	2268.3	2389.4	2510.0	2622.6	2724.3	2812.3	2890.8	2958.7	3012.2
-52.5°	1781.1	1895.9	2008.6	2117.4	2222.4	2320.0	2408.8	2484.6	2552.1	2610.0	2656.1
-55°	1575.3	1669.7	1756.5	1852.1	1944.6	2028.8	2102.9	2168.0	2224.3	2271.5	2311.6
-57.5°	1388.0	1463.5	1538.3	1614.2	1685.8	1752.9	1815.7	1871.1	1917.9	1956.3	1988.5
-60°	1214.7	1273.0	1337.0	1398.0	1454.2	1505.6	1556.6	1600.8	1638.6	1669.9	1695.2
-62.5°	1053.4	1104.8	1152.4	1198.7	1244.0	1288.6	1322.9	1354.1	1381.8	1405.7	1424.7
-65°	898.2	940.1	977.3	1011.4	1042.6	1075.4	1102.4	1125.1	1143.3	1158.3	1170.4
-67.5°	750.6	783.4	812.0	836.4	860.6	883.2	901.8	917.0	928.8	938.7	946.4
-70°	619.6	644.0	664.6	684.2	704.2	720.3	732.3	741.1	746.7	750.3	752.9
-72.5°	503.3	526.0	544.6	562.1	576.8	587.5	595.1	600.9	604.9	600.9	594.0
-75°	396.0	417.9	439.0	456.9	471.9	478.8	482.2	484.6	485.9	472.9	455.9
-77.5°	303.6	325.9	345.5	363.4	379.7	382.8	382.4	381.6	380.2	362.2	340.3
-80°	213.4	231.1	247.9	264.5	280.8	282.7	280.8	277.4	272.6	254.9	234.8
-82.5°	130.7	141.2	151.2	161.1	170.9	173.4	174.2	173.9	172.5	159.0	144.0
-85°	60.6	64.8	68.8	72.6	76.3	79.7	83.0	86.0	88.7	81.0	72.5
-87.5°	11.9	12.2	12.6	12.9	13.1	13.4	13.6	13.8	14.0	13.3	12.5
-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: P627171 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-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°	11.7	10.9	10.9	10.9	10.9	10.9	11.7	12.5	13.3	14.0	13.8
85°	63.5	54.0	50.6	47.1	50.6	54.0	63.5	72.5	81.0	88.7	86.0
82.5°	128.3	111.9	106.8	101.5	106.8	111.9	128.3	144.0	159.0	172.5	173.9
80°	213.6	191.5	182.8	173.9	182.8	191.5	213.6	234.8	254.9	272.6	277.4
77.5°	317.1	292.8	282.4	271.7	282.4	292.8	317.1	340.3	362.2	380.2	381.6
75°	437.9	418.9	407.3	394.9	407.3	418.9	437.9	455.9	472.9	485.9	484.6
72.5°	586.0	576.7	568.3	558.0	568.3	576.7	586.0	594.0	600.9	604.9	600.9
70°	753.8	752.6	754.1	753.6	754.1	752.6	753.8	752.9	750.3	746.7	741.1
67.5°	950.4	950.6	954.7	956.5	954.7	950.6	950.4	946.4	938.7	928.8	917.0
65°	1177.9	1180.6	1179.6	1173.9	1179.6	1180.6	1177.9	1170.4	1158.3	1143.3	1125.1
62.5°	1438.2	1446.0	1450.3	1449.3	1450.3	1446.0	1438.2	1424.7	1405.7	1381.8	1354.1
60°	1714.1	1726.3	1732.5	1731.9	1732.5	1726.3	1714.1	1695.2	1669.9	1638.6	1600.8
57.5°	2012.6	2028.3	2032.0	2025.4	2032.0	2028.3	2012.6	1988.5	1956.3	1917.9	1871.1
55°	2341.8	2361.9	2369.7	2366.0	2369.7	2361.9	2341.8	2311.6	2271.5	2224.3	2168.0
52.5°	2689.9	2711.6	2719.3	2713.8	2719.3	2711.6	2689.9	2656.1	2610.0	2552.1	2484.6
50°	3051.5	3077.8	3088.4	3083.4	3088.4	3077.8	3051.5	3012.2	2958.7	2890.8	2812.3
47.5°	3435.2	3470.3	3483.9	3474.7	3483.9	3470.3	3435.2	3385.8	3322.6	3242.8	3144.9
45°	3839.1	3875.4	3889.5	3880.5	3889.5	3875.4	3839.1	3783.9	3710.0	3622.1	3521.7
42.5°	4250.2	4297.4	4317.4	4300.8	4317.4	4297.4	4250.2	4186.0	4102.1	4002.0	3887.5
40°	4668.5	4719.8	4743.4	4731.9	4743.4	4719.8	4668.5	4594.6	4495.7	4376.9	4247.7
37.5°	5097.5	5148.6	5173.7	5174.0	5173.7	5148.6	5097.5	5018.2	4908.4	4773.2	4627.3
35°	5528.2	5590.0	5625.0	5623.2	5625.0	5590.0	5528.2	5441.1	5328.7	5191.7	5019.9
32.5°	5964.9	6031.8	6067.5	6072.5	6067.5	6031.8	5964.9	5862.7	5733.5	5582.9	5406.2
30°	6400.8	6474.4	6515.7	6532.7	6515.7	6474.4	6400.8	6287.6	6142.6	5977.9	5787.8
27.5°	6823.6	6914.1	6976.5	6982.0	6976.5	6914.1	6823.6	6707.8	6555.0	6376.0	6168.5
25°	7233.1	7325.2	7389.2	7402.3	7389.2	7325.2	7233.1	7117.8	6960.8	6764.2	6542.7
22.5°	7636.6	7732.9	7792.0	7815.3	7792.0	7732.9	7636.6	7507.5	7333.7	7128.3	6893.5
20°	8021.9	8126.2	8188.9	8213.9	8188.9	8126.2	8021.9	7880.0	7688.4	7469.7	7221.3
17.5°	8370.3	8480.7	8558.0	8579.8	8558.0	8480.7	8370.3	8220.2	8019.6	7787.3	7519.3
15°	8677.1	8781.7	8855.2	8884.2	8855.2	8781.7	8677.1	8529.7	8326.3	8075.1	7777.5
12.5°	8926.7	9020.3	9077.8	9105.2	9077.8	9020.3	8926.7	8786.1	8599.1	8316.9	8004.4
10°	9121.8	9215.6	9270.6	9308.1	9270.6	9215.6	9121.8	8990.9	8782.1	8529.4	8222.2
7.5°	9291.1	9387.2	9454.5	9507.3	9454.5	9387.2	9291.1	9114.5	8928.2	8690.1	8380.0
5°	9384.5	9545.1	9569.2	9605.2	9569.2	9545.1	9384.5	9224.6	9021.4	8779.2	8476.5
2.5°	9455.8	9569.6	9638.1	9630.5	9638.1	9569.6	9455.8	9267.6	9073.0	8851.2	8558.0
0°	9507.3	9608.8	9634.2	9666.8	9634.2	9608.8	9507.3	9318.9	9116.0	8895.0	8590.7
-2.5°	9455.8	9569.6	9638.1	9630.5	9638.1	9569.6	9455.8	9267.6	9073.0	8851.2	8558.0
-5°	9384.5	9545.1	9569.2	9605.2	9569.2	9545.1	9384.5	9224.6	9021.4	8779.2	8476.5
-7.5°	9291.1	9387.2	9454.5	9507.3	9454.5	9387.2	9291.1	9114.5	8928.2	8690.1	8380.0
-10°	9121.8	9215.6	9270.6	9308.1	9270.6	9215.6	9121.8	8990.9	8782.1	8529.4	8222.2
-12.5°	8926.7	9020.3	9077.8	9105.2	9077.8	9020.3	8926.7	8786.1	8599.1	8316.9	8004.4
-15°	8677.1	8781.7	8855.2	8884.2	8855.2	8781.7	8677.1	8529.7	8326.3	8075.1	7777.5
-17.5°	8370.3	8480.7	8558.0	8579.8	8558.0	8480.7	8370.3	8220.2	8019.6	7787.3	7519.3
-20°	8021.9	8126.2	8188.9	8213.9	8188.9	8126.2	8021.9	7880.0	7688.4	7469.7	7221.3



REPORT NUMBER: P627171 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-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°	7636.6	7732.9	7792.0	7815.3	7792.0	7732.9	7636.6	7507.5	7333.7	7128.3	6893.5
-25°	7233.1	7325.2	7389.2	7402.3	7389.2	7325.2	7233.1	7117.8	6960.8	6764.2	6542.7
-27.5°	6823.6	6914.1	6976.5	6982.0	6976.5	6914.1	6823.6	6707.8	6555.0	6376.0	6168.5
-30°	6400.8	6474.4	6515.7	6532.7	6515.7	6474.4	6400.8	6287.6	6142.6	5977.9	5787.8
-32.5°	5964.9	6031.8	6067.5	6072.5	6067.5	6031.8	5964.9	5862.7	5733.5	5582.9	5406.2
-35°	5528.2	5590.0	5625.0	5623.2	5625.0	5590.0	5528.2	5441.1	5328.7	5191.7	5019.9
-37.5°	5097.5	5148.6	5173.7	5174.0	5173.7	5148.6	5097.5	5018.2	4908.4	4773.2	4627.3
-40°	4668.5	4719.8	4743.4	4731.9	4743.4	4719.8	4668.5	4594.6	4495.7	4376.9	4247.7
-42.5°	4250.2	4297.4	4317.4	4300.8	4317.4	4297.4	4250.2	4186.0	4102.1	4002.0	3887.5
-45°	3839.1	3875.4	3889.5	3880.5	3889.5	3875.4	3839.1	3783.9	3710.0	3622.1	3521.7
-47.5°	3435.2	3470.3	3483.9	3474.7	3483.9	3470.3	3435.2	3385.8	3322.6	3242.8	3144.9
-50°	3051.5	3077.8	3088.4	3083.4	3088.4	3077.8	3051.5	3012.2	2958.7	2890.8	2812.3
-52.5°	2689.9	2711.6	2719.3	2713.8	2719.3	2711.6	2689.9	2656.1	2610.0	2552.1	2484.6
-55°	2341.8	2361.9	2369.7	2366.0	2369.7	2361.9	2341.8	2311.6	2271.5	2224.3	2168.0
-57.5°	2012.6	2028.3	2032.0	2025.4	2032.0	2028.3	2012.6	1988.5	1956.3	1917.9	1871.1
-60°	1714.1	1726.3	1732.5	1731.9	1732.5	1726.3	1714.1	1695.2	1669.9	1638.6	1600.8
-62.5°	1438.2	1446.0	1450.3	1449.3	1450.3	1446.0	1438.2	1424.7	1405.7	1381.8	1354.1
-65°	1177.9	1180.6	1179.6	1173.9	1179.6	1180.6	1177.9	1170.4	1158.3	1143.3	1125.1
-67.5°	950.4	950.6	954.7	956.5	954.7	950.6	950.4	946.4	938.7	928.8	917.0
-70°	753.8	752.6	754.1	753.6	754.1	752.6	753.8	752.9	750.3	746.7	741.1
-72.5°	586.0	576.7	568.3	558.0	568.3	576.7	586.0	594.0	600.9	604.9	600.9
-75°	437.9	418.9	407.3	394.9	407.3	418.9	437.9	455.9	472.9	485.9	484.6
-77.5°	317.1	292.8	282.4	271.7	282.4	292.8	317.1	340.3	362.2	380.2	381.6
-80°	213.6	191.5	182.8	173.9	182.8	191.5	213.6	234.8	254.9	272.6	277.4
-82.5°	128.3	111.9	106.8	101.5	106.8	111.9	128.3	144.0	159.0	172.5	173.9
-85°	63.5	54.0	50.6	47.1	50.6	54.0	63.5	72.5	81.0	88.7	86.0
-87.5°	11.7	10.9	10.9	10.9	10.9	10.9	11.7	12.5	13.3	14.0	13.8
-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: P627171 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-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°	13.6	13.4	13.1	12.9	12.6	12.2	11.9	11.5	11.1	10.7	10.3
85°	83.0	79.7	76.3	72.6	68.8	64.8	60.6	53.1	46.1	39.7	34.1
82.5°	174.2	173.4	170.9	161.1	151.2	141.2	130.7	115.1	99.8	84.8	71.8
80°	280.8	282.7	280.8	264.5	247.9	231.1	213.4	190.5	167.4	145.5	129.0
77.5°	382.4	382.8	379.7	363.4	345.5	325.9	303.6	276.1	248.6	220.8	199.6
75°	482.2	478.8	471.9	456.9	439.0	417.9	396.0	371.9	343.7	311.3	283.6
72.5°	595.1	587.5	576.8	562.1	544.6	526.0	503.3	476.6	447.1	414.7	385.4
70°	732.3	720.3	704.2	684.2	664.6	644.0	619.6	590.3	555.9	520.2	487.5
67.5°	901.8	883.2	860.6	836.4	812.0	783.4	750.6	714.8	679.3	639.7	594.9
65°	1102.4	1075.4	1042.6	1011.4	977.3	940.1	898.2	856.7	813.3	765.7	708.9
62.5°	1322.9	1288.6	1244.0	1198.7	1152.4	1104.8	1053.4	1002.4	950.5	894.4	830.5
60°	1556.6	1505.6	1454.2	1398.0	1337.0	1273.0	1214.7	1152.7	1087.1	1023.5	953.4
57.5°	1815.7	1752.9	1685.8	1614.2	1538.3	1463.5	1388.0	1310.0	1235.8	1158.4	1079.0
55°	2102.9	2028.8	1944.6	1852.1	1756.5	1669.7	1575.3	1480.6	1391.3	1297.4	1209.9
52.5°	2408.8	2320.0	2222.4	2117.4	2008.6	1895.9	1781.1	1672.4	1556.2	1449.8	1344.1
50°	2724.3	2622.6	2510.0	2389.4	2268.3	2137.7	2006.3	1875.7	1744.0	1613.6	1486.9
47.5°	3044.6	2934.5	2809.4	2676.0	2537.3	2391.5	2242.0	2084.8	1939.1	1787.9	1643.9
45°	3396.7	3260.9	3120.7	2973.7	2815.2	2654.3	2486.6	2314.6	2139.2	1972.9	1804.2
42.5°	3750.9	3598.1	3436.0	3274.4	3101.5	2921.3	2734.2	2544.6	2352.0	2160.1	1975.8
40°	4103.7	3938.4	3761.7	3576.9	3388.4	3189.8	2985.0	2774.1	2564.9	2354.0	2145.4
37.5°	4464.6	4286.0	4094.5	3891.1	3679.9	3460.0	3234.6	3006.3	2775.6	2548.6	2322.3
35°	4834.7	4639.2	4427.9	4205.7	3973.3	3732.5	3485.3	3235.2	2987.1	2741.6	2496.4
32.5°	5201.5	4989.6	4761.8	4518.6	4262.8	4000.8	3735.0	3465.0	3193.3	2931.2	2670.1
30°	5571.5	5336.8	5090.0	4827.3	4549.9	4264.5	3976.6	3690.6	3401.1	3112.6	2836.4
27.5°	5933.9	5677.9	5409.6	5125.6	4829.2	4523.1	4213.7	3908.4	3599.6	3293.0	2995.2
25°	6286.6	6010.2	5714.3	5410.9	5096.6	4770.3	4437.8	4114.8	3792.4	3464.2	3137.6
22.5°	6626.1	6323.4	6004.6	5680.0	5349.4	5006.5	4651.9	4303.9	3970.2	3617.7	3276.4
20°	6939.1	6614.2	6273.6	5931.8	5582.2	5231.4	4851.4	4481.2	4122.2	3760.4	3402.3
17.5°	7216.9	6886.7	6529.5	6169.2	5797.0	5427.6	5037.9	4642.5	4262.2	3887.1	3513.1
15°	7461.6	7131.8	6770.0	6390.1	5992.7	5589.3	5195.7	4785.0	4389.7	3999.1	3615.5
12.5°	7684.0	7338.7	6977.4	6575.5	6153.7	5732.8	5323.5	4910.0	4503.2	4101.6	3707.6
10°	7883.5	7508.1	7125.8	6718.6	6288.4	5853.9	5432.4	5015.0	4599.7	4189.4	3783.6
7.5°	8020.3	7633.8	7238.8	6832.9	6402.0	5960.8	5526.6	5099.4	4674.9	4259.3	3842.9
5°	8121.2	7733.0	7336.8	6925.2	6490.3	6040.5	5596.0	5160.6	4728.5	4310.4	3885.1
2.5°	8198.7	7800.8	7403.6	6983.0	6547.4	6094.4	5645.7	5206.6	4771.0	4347.9	3922.4
0°	8253.7	7826.2	7442.1	7029.1	6583.4	6126.9	5677.6	5235.6	4797.2	4366.0	3942.1
-2.5°	8198.7	7800.8	7403.6	6983.0	6547.4	6094.4	5645.7	5206.6	4771.0	4347.9	3922.4
-5°	8121.2	7733.0	7336.8	6925.2	6490.3	6040.5	5596.0	5160.6	4728.5	4310.4	3885.1
-7.5°	8020.3	7633.8	7238.8	6832.9	6402.0	5960.8	5526.6	5099.4	4674.9	4259.3	3842.9
-10°	7883.5	7508.1	7125.8	6718.6	6288.4	5853.9	5432.4	5015.0	4599.7	4189.4	3783.6
-12.5°	7684.0	7338.7	6977.4	6575.5	6153.7	5732.8	5323.5	4910.0	4503.2	4101.6	3707.6
-15°	7461.6	7131.8	6770.0	6390.1	5992.7	5589.3	5195.7	4785.0	4389.7	3999.1	3615.5
-17.5°	7216.9	6886.7	6529.5	6169.2	5797.0	5427.6	5037.9	4642.5	4262.2	3887.1	3513.1
-20°	6939.1	6614.2	6273.6	5931.8	5582.2	5231.4	4851.4	4481.2	4122.2	3760.4	3402.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627171 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-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°	6626.1	6323.4	6004.6	5680.0	5349.4	5006.5	4651.9	4303.9	3970.2	3617.7	3276.4
-25°	6286.6	6010.2	5714.3	5410.9	5096.6	4770.3	4437.8	4114.8	3792.4	3464.2	3137.6
-27.5°	5933.9	5677.9	5409.6	5125.6	4829.2	4523.1	4213.7	3908.4	3599.6	3293.0	2995.2
-30°	5571.5	5336.8	5090.0	4827.3	4549.9	4264.5	3976.6	3690.6	3401.1	3112.6	2836.4
-32.5°	5201.5	4989.6	4761.8	4518.6	4262.8	4000.8	3735.0	3465.0	3193.3	2931.2	2670.1
-35°	4834.7	4639.2	4427.9	4205.7	3973.3	3732.5	3485.3	3235.2	2987.1	2741.6	2496.4
-37.5°	4464.6	4286.0	4094.5	3891.1	3679.9	3460.0	3234.6	3006.3	2775.6	2548.6	2322.3
-40°	4103.7	3938.4	3761.7	3576.9	3388.4	3189.8	2985.0	2774.1	2564.9	2354.0	2145.4
-42.5°	3750.9	3598.1	3436.0	3274.4	3101.5	2921.3	2734.2	2544.6	2352.0	2160.1	1975.8
-45°	3396.7	3260.9	3120.7	2973.7	2815.2	2654.3	2486.6	2314.6	2139.2	1972.9	1804.2
-47.5°	3044.6	2934.5	2809.4	2676.0	2537.3	2391.5	2242.0	2084.8	1939.1	1787.9	1643.9
-50°	2724.3	2622.6	2510.0	2389.4	2268.3	2137.7	2006.3	1875.7	1744.0	1613.6	1486.9
-52.5°	2408.8	2320.0	2222.4	2117.4	2008.6	1895.9	1781.1	1672.4	1556.2	1449.8	1344.1
-55°	2102.9	2028.8	1944.6	1852.1	1756.5	1669.7	1575.3	1480.6	1391.3	1297.4	1209.9
-57.5°	1815.7	1752.9	1685.8	1614.2	1538.3	1463.5	1388.0	1310.0	1235.8	1158.4	1079.0
-60°	1556.6	1505.6	1454.2	1398.0	1337.0	1273.0	1214.7	1152.7	1087.1	1023.5	953.4
-62.5°	1322.9	1288.6	1244.0	1198.7	1152.4	1104.8	1053.4	1002.4	950.5	894.4	830.5
-65°	1102.4	1075.4	1042.6	1011.4	977.3	940.1	898.2	856.7	813.3	765.7	708.9
-67.5°	901.8	883.2	860.6	836.4	812.0	783.4	750.6	714.8	679.3	639.7	594.9
-70°	732.3	720.3	704.2	684.2	664.6	644.0	619.6	590.3	555.9	520.2	487.5
-72.5°	595.1	587.5	576.8	562.1	544.6	526.0	503.3	476.6	447.1	414.7	385.4
-75°	482.2	478.8	471.9	456.9	439.0	417.9	396.0	371.9	343.7	311.3	283.6
-77.5°	382.4	382.8	379.7	363.4	345.5	325.9	303.6	276.1	248.6	220.8	199.6
-80°	280.8	282.7	280.8	264.5	247.9	231.1	213.4	190.5	167.4	145.5	129.0
-82.5°	174.2	173.4	170.9	161.1	151.2	141.2	130.7	115.1	99.8	84.8	71.8
-85°	83.0	79.7	76.3	72.6	68.8	64.8	60.6	53.1	46.1	39.7	34.1
-87.5°	13.6	13.4	13.1	12.9	12.6	12.2	11.9	11.5	11.1	10.7	10.3
-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: P627171 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-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°	10.4	10.5	10.5	10.4	9.2	8.1	7.1	6.1	5.5	5.0	4.4
85°	34.3	33.4	31.6	28.7	22.6	16.3	14.2	12.2	11.1	9.9	8.7
82.5°	71.6	72.3	72.2	70.1	61.8	53.2	44.1	34.7	25.7	16.3	13.0
80°	129.2	127.8	124.8	118.9	105.3	90.0	78.5	66.6	54.9	42.7	30.1
77.5°	195.3	189.7	182.9	175.2	160.8	143.9	124.5	102.6	84.0	69.0	53.4
75°	269.2	260.3	250.7	237.8	219.4	198.2	176.9	151.3	122.9	96.1	76.6
72.5°	361.9	340.4	321.2	303.1	283.1	259.5	232.3	199.3	164.7	132.1	101.4
70°	455.8	423.5	394.8	370.1	346.0	321.3	291.4	250.7	205.8	167.3	131.3
67.5°	551.1	513.0	474.5	437.6	407.1	378.1	349.2	301.9	250.4	201.9	160.5
65°	656.4	605.4	556.5	510.9	469.6	433.3	399.5	349.9	293.7	239.1	188.9
62.5°	764.7	699.8	641.8	583.7	532.3	488.1	447.4	392.7	335.1	275.1	218.5
60°	878.6	804.7	727.7	659.8	596.8	540.9	491.6	435.0	373.8	309.8	247.9
57.5°	998.6	911.7	825.1	739.4	663.7	596.6	534.7	475.0	411.9	344.0	275.3
55°	1120.1	1026.5	924.2	827.5	734.6	654.8	580.2	513.5	448.6	377.6	299.0
52.5°	1241.8	1139.0	1029.1	917.4	813.5	713.6	630.2	551.0	482.5	410.4	323.6
50°	1369.1	1251.2	1133.5	1012.8	892.0	782.5	678.6	593.9	515.3	441.6	347.0
47.5°	1501.6	1370.2	1239.2	1107.4	977.8	848.5	735.1	636.0	547.1	469.9	368.7
45°	1646.9	1493.2	1348.2	1205.6	1059.0	919.7	792.2	676.2	583.0	491.8	388.8
42.5°	1792.0	1623.0	1461.0	1302.3	1144.1	990.5	846.4	723.6	617.4	512.8	407.2
40°	1946.4	1753.3	1573.7	1401.5	1227.1	1057.8	906.3	769.8	649.6	534.7	424.6
37.5°	2096.4	1886.8	1689.4	1496.2	1308.5	1130.5	964.0	813.2	680.2	559.2	441.2
35°	2255.3	2020.9	1796.4	1591.5	1392.3	1199.5	1018.0	856.8	715.4	583.1	456.8
32.5°	2408.8	2152.0	1911.3	1685.6	1472.3	1264.5	1073.6	903.0	749.3	606.3	471.4
30°	2559.7	2283.7	2021.3	1774.5	1549.8	1332.7	1129.3	946.2	781.7	628.7	486.0
27.5°	2698.7	2405.6	2126.8	1866.3	1625.9	1397.3	1181.9	986.3	812.4	651.8	502.9
25°	2828.2	2522.9	2230.9	1954.8	1696.6	1458.6	1230.4	1023.4	843.6	675.8	518.6
22.5°	2949.7	2631.8	2325.1	2036.2	1762.1	1514.8	1277.6	1062.8	873.2	697.9	533.1
20°	3060.2	2729.9	2409.5	2110.0	1825.8	1568.5	1323.1	1098.2	899.6	718.0	546.0
17.5°	3159.7	2819.6	2490.1	2179.0	1885.1	1616.1	1363.5	1129.5	922.8	735.9	557.4
15°	3252.1	2901.0	2561.4	2239.3	1936.5	1657.6	1398.6	1156.4	942.7	751.5	568.3
12.5°	3331.5	2970.9	2621.8	2290.4	1979.7	1692.7	1428.3	1178.9	959.2	765.5	578.6
10°	3396.8	3028.7	2671.2	2332.3	2014.7	1721.3	1452.5	1197.9	974.7	777.7	586.5
7.5°	3447.7	3073.9	2709.2	2364.6	2042.4	1745.2	1473.0	1214.3	987.2	787.0	592.0
5°	3486.3	3109.3	2742.3	2391.6	2067.9	1764.4	1488.0	1226.1	996.3	793.4	595.1
2.5°	3520.6	3135.8	2768.2	2409.2	2085.3	1777.0	1497.0	1233.1	1001.7	796.8	595.9
0°	3539.9	3148.6	2782.6	2416.7	2094.2	1782.6	1500.0	1235.5	1003.6	797.1	594.2
-2.5°	3520.6	3135.8	2768.2	2409.2	2085.3	1777.0	1497.0	1233.1	1001.7	796.8	595.9
-5°	3486.3	3109.3	2742.3	2391.6	2067.9	1764.4	1488.0	1226.1	996.3	793.4	595.1
-7.5°	3447.7	3073.9	2709.2	2364.6	2042.4	1745.2	1473.0	1214.3	987.2	787.0	592.0
-10°	3396.8	3028.7	2671.2	2332.3	2014.7	1721.3	1452.5	1197.9	974.7	777.7	586.5
-12.5°	3331.5	2970.9	2621.8	2290.4	1979.7	1692.7	1428.3	1178.9	959.2	765.5	578.6
-15°	3252.1	2901.0	2561.4	2239.3	1936.5	1657.6	1398.6	1156.4	942.7	751.5	568.3
-17.5°	3159.7	2819.6	2490.1	2179.0	1885.1	1616.1	1363.5	1129.5	922.8	735.9	557.4
-20°	3060.2	2729.9	2409.5	2110.0	1825.8	1568.5	1323.1	1098.2	899.6	718.0	546.0



REPORT NUMBER: P627171 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-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°	2949.7	2631.8	2325.1	2036.2	1762.1	1514.8	1277.6	1062.8	873.2	697.9	533.1
-25°	2828.2	2522.9	2230.9	1954.8	1696.6	1458.6	1230.4	1023.4	843.6	675.8	518.6
-27.5°	2698.7	2405.6	2126.8	1866.3	1625.9	1397.3	1181.9	986.3	812.4	651.8	502.9
-30°	2559.7	2283.7	2021.3	1774.5	1549.8	1332.7	1129.3	946.2	781.7	628.7	486.0
-32.5°	2408.8	2152.0	1911.3	1685.6	1472.3	1264.5	1073.6	903.0	749.3	606.3	471.4
-35°	2255.3	2020.9	1796.4	1591.5	1392.3	1199.5	1018.0	856.8	715.4	583.1	456.8
-37.5°	2096.4	1886.8	1689.4	1496.2	1308.5	1130.5	964.0	813.2	680.2	559.2	441.2
-40°	1946.4	1753.3	1573.7	1401.5	1227.1	1057.8	906.3	769.8	649.6	534.7	424.6
-42.5°	1792.0	1623.0	1461.0	1302.3	1144.1	990.5	846.4	723.6	617.4	512.8	407.2
-45°	1646.9	1493.2	1348.2	1205.6	1059.0	919.7	792.2	676.2	583.0	491.8	388.8
-47.5°	1501.6	1370.2	1239.2	1107.4	977.8	848.5	735.1	636.0	547.1	469.9	368.7
-50°	1369.1	1251.2	1133.5	1012.8	892.0	782.5	678.6	593.9	515.3	441.6	347.0
-52.5°	1241.8	1139.0	1029.1	917.4	813.5	713.6	630.2	551.0	482.5	410.4	323.6
-55°	1120.1	1026.5	924.2	827.5	734.6	654.8	580.2	513.5	448.6	377.6	299.0
-57.5°	998.6	911.7	825.1	739.4	663.7	596.6	534.7	475.0	411.9	344.0	275.3
-60°	878.6	804.7	727.7	659.8	596.8	540.9	491.6	435.0	373.8	309.8	247.9
-62.5°	764.7	699.8	641.8	583.7	532.3	488.1	447.4	392.7	335.1	275.1	218.5
-65°	656.4	605.4	556.5	510.9	469.6	433.3	399.5	349.9	293.7	239.1	188.9
-67.5°	551.1	513.0	474.5	437.6	407.1	378.1	349.2	301.9	250.4	201.9	160.5
-70°	455.8	423.5	394.8	370.1	346.0	321.3	291.4	250.7	205.8	167.3	131.3
-72.5°	361.9	340.4	321.2	303.1	283.1	259.5	232.3	199.3	164.7	132.1	101.4
-75°	269.2	260.3	250.7	237.8	219.4	198.2	176.9	151.3	122.9	96.1	76.6
-77.5°	195.3	189.7	182.9	175.2	160.8	143.9	124.5	102.6	84.0	69.0	53.4
-80°	129.2	127.8	124.8	118.9	105.3	90.0	78.5	66.6	54.9	42.7	30.1
-82.5°	71.6	72.3	72.2	70.1	61.8	53.2	44.1	34.7	25.7	16.3	13.0
-85°	34.3	33.4	31.6	28.7	22.6	16.3	14.2	12.2	11.1	9.9	8.7
-87.5°	10.4	10.5	10.5	10.4	9.2	8.1	7.1	6.1	5.5	5.0	4.4
-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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Scaled Data Report



REPORT NUMBER: P627171 (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°	3.8	3.1	2.5	1.9	1.3	0.6	0.0
85°	7.5	6.3	5.0	3.8	2.5	1.1	0.0
82.5°	11.2	9.4	7.5	5.7	3.8	1.7	0.0
80°	16.9	12.5	10.0	7.5	5.0	2.2	0.0
77.5°	36.8	19.6	12.5	9.4	6.2	2.7	0.0
75°	56.2	33.9	16.3	11.2	7.4	3.3	0.0
72.5°	75.0	47.7	25.9	13.0	8.6	3.8	0.0
70°	93.8	61.1	35.3	15.6	9.8	4.3	0.0
67.5°	116.4	74.0	44.3	21.4	10.9	4.8	0.0
65°	138.0	88.3	52.8	26.9	12.0	5.3	0.0
62.5°	158.5	104.1	60.9	32.2	13.0	5.8	0.0
60°	177.8	119.0	68.6	37.3	14.0	6.2	0.0
57.5°	198.2	132.9	78.8	42.0	16.8	6.7	0.0
55°	217.4	145.9	88.5	46.4	19.6	7.1	0.0
52.5°	235.3	158.3	97.5	50.4	22.2	7.5	0.0
50°	251.6	171.4	105.8	54.1	24.7	7.9	0.0
47.5°	266.9	183.4	113.4	58.0	27.2	8.3	0.0
45°	284.0	194.2	120.2	63.0	29.5	8.6	0.0
42.5°	299.6	203.8	126.2	67.6	31.6	8.9	0.0
40°	313.8	212.1	132.3	72.2	33.7	9.2	0.0
37.5°	326.4	219.3	138.3	76.8	35.6	9.5	0.0
35°	337.6	227.6	143.5	81.1	37.4	9.8	0.0
32.5°	348.0	235.9	147.8	85.1	39.0	10.0	0.0
30°	358.7	242.9	151.3	88.7	40.5	10.2	0.0
27.5°	368.4	248.8	156.4	92.0	41.9	10.4	0.0
25°	376.9	253.4	161.3	94.9	43.1	10.6	0.0
22.5°	384.2	258.1	165.6	97.5	44.1	10.7	0.0
20°	390.2	264.5	169.3	99.8	45.0	10.8	0.0
17.5°	397.7	269.8	172.4	101.7	45.8	10.9	0.0
15°	405.6	273.9	174.8	103.2	46.4	11.0	0.0
12.5°	411.9	276.8	176.8	104.4	46.9	11.0	0.0
10°	416.8	278.6	178.1	105.2	47.2	11.0	0.0
7.5°	420.1	279.4	178.8	105.7	47.4	11.0	0.0
5°	421.8	279.1	178.9	105.8	47.5	11.0	0.0
2.5°	421.9	277.7	178.5	105.6	47.3	11.0	0.0
0°	420.3	275.4	177.5	105.1	47.1	10.9	0.0
-2.5°	421.9	277.7	178.5	105.6	47.3	11.0	0.0
-5°	421.8	279.1	178.9	105.8	47.5	11.0	0.0
-7.5°	420.1	279.4	178.8	105.7	47.4	11.0	0.0
-10°	416.8	278.6	178.1	105.2	47.2	11.0	0.0
-12.5°	411.9	276.8	176.8	104.4	46.9	11.0	0.0
-15°	405.6	273.9	174.8	103.2	46.4	11.0	0.0
-17.5°	397.7	269.8	172.4	101.7	45.8	10.9	0.0
-20°	390.2	264.5	169.3	99.8	45.0	10.8	0.0

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CATALOG NUMBER: GFLD-SA3C-740-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	384.2	258.1	165.6	97.5	44.1	10.7	0.0
-25°	376.9	253.4	161.3	94.9	43.1	10.6	0.0
-27.5°	368.4	248.8	156.4	92.0	41.9	10.4	0.0
-30°	358.7	242.9	151.3	88.7	40.5	10.2	0.0
-32.5°	348.0	235.9	147.8	85.1	39.0	10.0	0.0
-35°	337.6	227.6	143.5	81.1	37.4	9.8	0.0
-37.5°	326.4	219.3	138.3	76.8	35.6	9.5	0.0
-40°	313.8	212.1	132.3	72.2	33.7	9.2	0.0
-42.5°	299.6	203.8	126.2	67.6	31.6	8.9	0.0
-45°	284.0	194.2	120.2	63.0	29.5	8.6	0.0
-47.5°	266.9	183.4	113.4	58.0	27.2	8.3	0.0
-50°	251.6	171.4	105.8	54.1	24.7	7.9	0.0
-52.5°	235.3	158.3	97.5	50.4	22.2	7.5	0.0
-55°	217.4	145.9	88.5	46.4	19.6	7.1	0.0
-57.5°	198.2	132.9	78.8	42.0	16.8	6.7	0.0
-60°	177.8	119.0	68.6	37.3	14.0	6.2	0.0
-62.5°	158.5	104.1	60.9	32.2	13.0	5.8	0.0
-65°	138.0	88.3	52.8	26.9	12.0	5.3	0.0
-67.5°	116.4	74.0	44.3	21.4	10.9	4.8	0.0
-70°	93.8	61.1	35.3	15.6	9.8	4.3	0.0
-72.5°	75.0	47.7	25.9	13.0	8.6	3.8	0.0
-75°	56.2	33.9	16.3	11.2	7.4	3.3	0.0
-77.5°	36.8	19.6	12.5	9.4	6.2	2.7	0.0
-80°	16.9	12.5	10.0	7.5	5.0	2.2	0.0
-82.5°	11.2	9.4	7.5	5.7	3.8	1.7	0.0
-85°	7.5	6.3	5.0	3.8	2.5	1.1	0.0
-87.5°	3.8	3.1	2.5	1.9	1.3	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)