

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: P627782 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5E-750-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627782 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-7)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA5E-750-U-WR-VSR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (80) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 35062 lumens
Efficiency: N/A
Efficacy: 111.8 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')

NEMA Type: 5H x 5V
Max Intensity: 39743.2 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 50.9°H x 47.1°V
Beam Lumens: 16880.7 lumens
Beam Efficiency: 48.1%

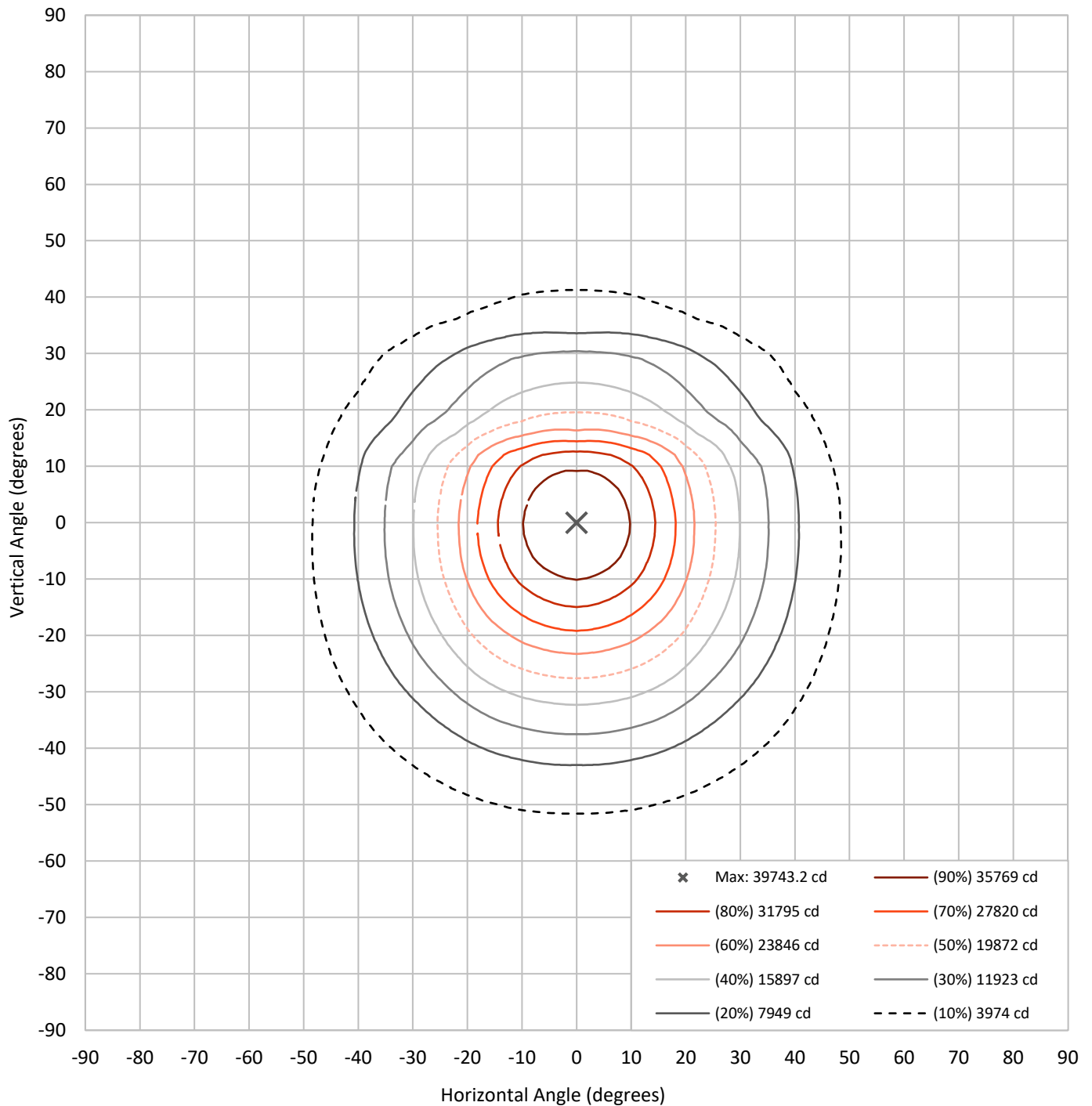
Field Angle (10%): 96.7°H x 92.9°V
Field Lumens: 31392.5 lumens
Field Efficiency: 89.5%

Input Watts (W): 313.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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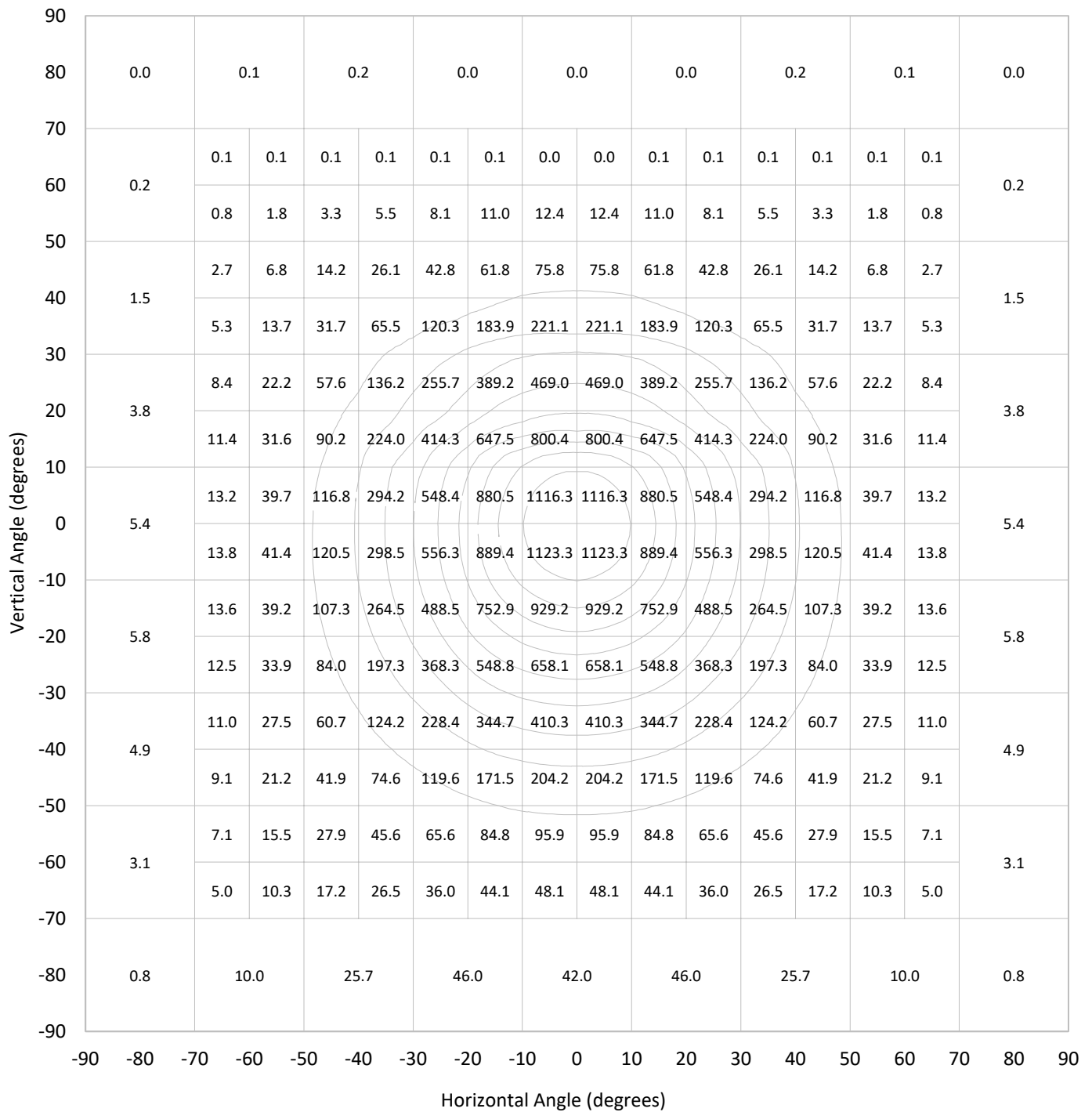
Iso-Candela Plot





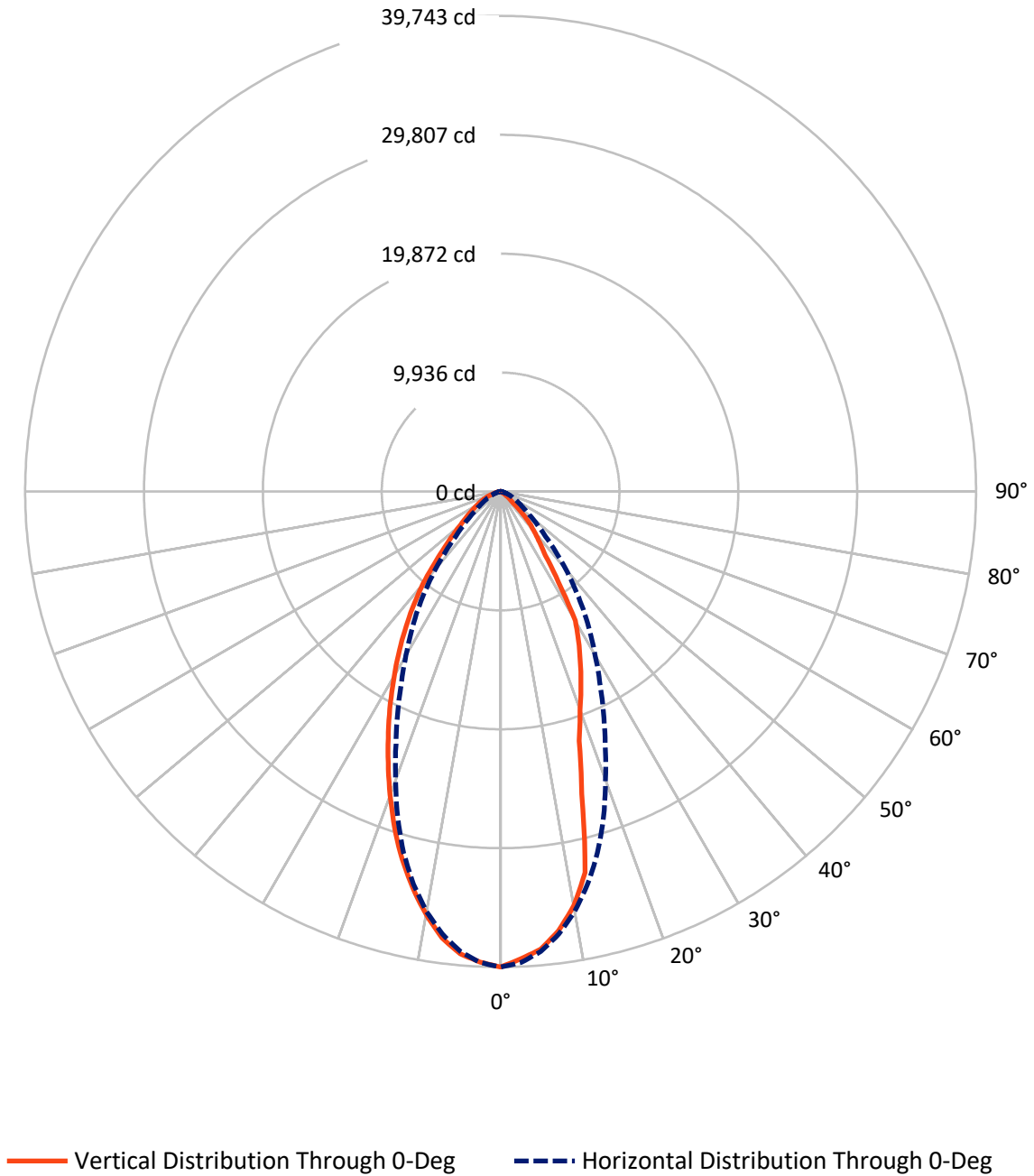
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Lumen Table



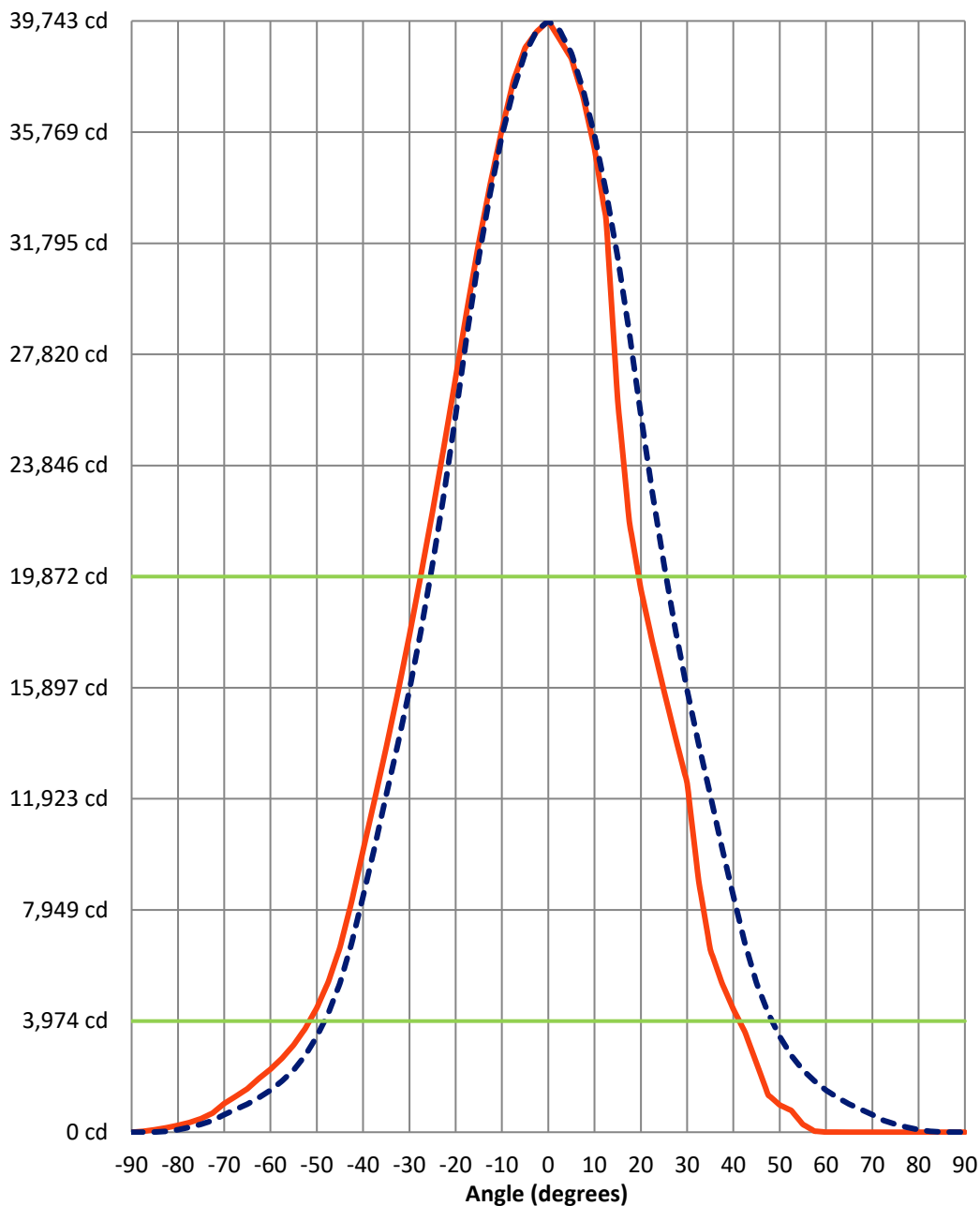
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 16880.7
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 31392.5
 Efficiency: 89.5%

Spill:
 Lumens: 3669.6
 Efficiency: 10.5%

- 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	0.1	0.2	0.4	0.5	0.6	0.7	0.8	1.0	1.1	1.2
85°	0.0	0.2	0.5	0.7	1.0	1.2	1.4	1.7	1.9	2.1	2.4
82.5°	0.0	0.4	0.7	1.1	1.5	1.8	2.2	2.5	2.8	2.8	2.8
80°	0.0	0.5	1.0	1.5	1.9	2.4	2.8	2.8	2.8	2.8	2.8
77.5°	0.0	0.6	1.2	1.8	2.4	2.8	2.8	2.8	2.8	2.8	2.8
75°	0.0	0.7	1.4	2.2	2.8	2.8	2.8	2.8	2.8	2.8	2.8
72.5°	0.0	0.8	1.7	2.5	2.8	2.8	2.8	2.8	2.8	2.8	2.8
70°	0.0	1.0	1.9	2.8	2.8	2.8	2.8	2.8	2.8	2.8	3.0
67.5°	0.0	1.1	2.1	2.8	2.8	2.8	3.1	2.8	2.8	3.7	3.5
65°	0.0	1.2	2.4	2.8	2.8	3.1	3.4	2.8	4.0	4.6	5.4
62.5°	0.0	1.3	2.6	2.8	2.8	3.8	3.8	3.8	5.4	7.6	11.8
60°	0.0	1.4	2.8	2.8	2.8	4.5	4.4	5.3	6.8	18.7	20.3
57.5°	0.0	1.5	2.8	2.8	3.6	5.3	7.7	7.3	18.5	31.6	34.8
55°	0.0	1.6	2.9	2.8	4.5	6.3	11.7	10.8	33.9	47.7	54.0
52.5°	0.0	1.7	2.9	2.8	5.4	7.9	16.4	26.7	50.6	70.9	76.4
50°	0.0	1.8	3.0	2.8	6.3	12.8	21.7	44.1	70.8	96.5	116.7
47.5°	0.0	1.9	3.1	3.0	7.3	18.0	28.9	61.8	97.2	124.7	158.3
45°	0.0	2.0	3.1	3.8	8.4	23.6	44.2	79.5	123.8	161.5	199.4
42.5°	0.0	2.1	3.2	4.6	9.5	29.5	59.6	100.5	150.3	197.9	245.0
40°	0.0	2.1	3.3	5.6	12.4	35.7	74.8	123.4	177.7	233.4	292.7
37.5°	0.0	2.2	3.5	6.8	17.3	42.3	89.9	146.1	207.5	270.0	341.4
35°	0.0	2.3	3.6	8.2	22.2	52.5	104.9	168.4	237.5	313.6	394.3
32.5°	0.0	2.4	3.7	9.6	27.2	64.3	120.7	190.4	267.5	358.4	453.9
30°	0.0	2.4	3.9	11.1	32.2	75.9	138.5	212.7	297.4	404.1	513.9
27.5°	0.0	2.5	4.0	12.7	37.9	87.1	155.7	237.1	330.3	450.6	574.1
25°	0.0	2.5	4.2	14.4	43.6	97.9	172.3	261.0	368.1	500.1	634.3
22.5°	0.0	2.6	4.3	16.2	49.2	108.4	188.2	284.2	405.7	550.1	695.4
20°	0.0	2.6	4.5	17.9	54.6	118.6	203.3	306.7	442.5	599.1	753.7
17.5°	0.0	2.7	4.6	19.7	59.7	128.2	217.4	328.2	478.5	646.6	808.8
15°	0.0	2.7	4.8	21.5	64.7	137.2	230.3	347.4	513.1	692.5	860.8
12.5°	0.0	2.7	5.0	23.3	69.4	145.5	242.1	363.5	541.9	736.2	909.5
10°	0.0	2.8	5.1	25.0	73.8	153.1	252.8	377.8	564.9	762.1	947.8
7.5°	0.0	2.8	5.3	26.7	77.9	160.0	262.3	390.3	585.1	781.8	967.8
5°	0.0	2.8	5.4	28.3	81.7	166.2	270.7	401.1	602.3	797.5	984.0
2.5°	0.0	2.8	5.6	29.8	85.0	171.5	277.9	410.1	616.5	809.4	996.4
0°	0.0	2.8	5.7	31.2	88.0	176.0	283.9	417.3	627.4	817.6	1004.9
-2.5°	0.0	3.0	6.6	33.2	92.0	181.5	291.6	429.3	639.7	829.4	1018.2
-5°	0.0	3.2	7.4	35.0	95.6	186.2	298.0	439.4	648.6	837.9	1027.7
-7.5°	0.0	3.3	8.2	36.6	98.6	190.0	303.1	447.3	654.3	843.1	1033.3
-10°	0.0	3.5	9.0	38.1	101.1	192.8	306.7	452.9	656.7	845.3	1035.0
-12.5°	0.0	3.6	9.7	39.3	103.0	194.7	308.8	456.1	655.9	843.9	1030.2
-15°	0.0	3.8	10.4	40.3	104.2	195.5	309.4	456.7	651.2	836.6	1020.2
-17.5°	0.0	3.9	11.1	41.1	104.8	195.4	308.6	455.8	642.8	826.6	1006.4
-20°	0.0	4.0	11.7	41.6	104.7	194.3	307.7	453.7	632.2	814.2	988.7

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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	4.1	12.2	41.9	103.8	192.2	307.8	449.6	619.8	799.3	967.2
-25°	0.0	4.2	12.6	41.9	102.2	191.5	306.4	443.6	605.6	782.3	942.0
-27.5°	0.0	4.2	13.0	41.6	99.9	190.7	303.5	435.8	589.8	762.7	918.8
-30°	0.0	4.3	13.3	41.0	97.0	188.7	299.0	426.1	575.9	740.5	893.8
-32.5°	0.0	4.3	13.6	40.1	95.8	185.4	293.0	418.1	562.1	717.4	867.0
-35°	0.0	4.3	13.7	38.9	93.8	181.0	287.3	409.4	546.6	693.5	838.6
-37.5°	0.0	4.3	13.7	37.5	91.0	176.2	280.8	398.8	529.2	668.9	805.1
-40°	0.0	4.3	13.7	35.7	87.3	171.9	272.7	386.5	510.1	646.0	769.4
-42.5°	0.0	4.2	13.6	34.0	84.7	166.5	263.1	372.4	492.3	616.3	731.3
-45°	0.0	4.1	13.4	32.7	83.1	160.0	251.9	357.7	474.1	584.4	691.7
-47.5°	0.0	4.0	13.1	30.9	80.5	152.4	239.2	342.7	453.8	551.5	655.1
-50°	0.0	3.9	12.7	30.4	77.1	143.8	228.0	325.8	427.1	521.4	617.3
-52.5°	0.0	3.8	12.2	30.0	72.9	134.1	216.0	307.1	400.6	490.1	579.0
-55°	0.0	3.6	11.6	29.2	67.9	126.2	202.7	287.1	373.2	457.4	542.9
-57.5°	0.0	3.5	11.0	28.0	62.0	117.7	188.1	269.3	344.5	424.5	505.5
-60°	0.0	3.3	10.2	26.5	55.6	107.9	172.5	247.9	314.9	390.4	466.9
-62.5°	0.0	3.1	9.6	24.6	51.7	97.1	157.4	224.0	285.7	354.9	427.1
-65°	0.0	2.8	8.9	22.5	47.3	85.2	140.8	199.1	254.7	317.5	385.8
-67.5°	0.0	2.6	8.2	20.0	42.3	74.6	122.8	174.0	221.8	277.9	340.0
-70°	0.0	2.3	7.4	17.2	36.8	65.4	103.5	147.9	190.8	236.4	290.8
-72.5°	0.0	2.1	6.6	15.2	30.9	55.5	88.0	121.1	158.8	198.8	241.1
-75°	0.0	1.8	5.7	13.3	24.5	45.0	72.2	98.7	126.0	160.4	196.7
-77.5°	0.0	1.5	4.8	11.2	20.3	33.9	55.7	77.5	100.0	123.7	151.3
-80°	0.0	1.2	3.9	9.1	16.4	25.9	38.5	56.0	74.4	93.7	114.0
-82.5°	0.0	0.9	3.0	6.9	12.4	19.6	28.3	37.4	48.4	63.3	78.9
-85°	0.0	0.6	2.0	4.6	8.3	13.1	19.0	25.1	31.9	39.5	47.8
-87.5°	0.0	0.3	1.0	2.3	4.2	6.6	9.5	12.6	16.0	19.8	24.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: GFLD-SA5E-750-U-WR-VSR-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°	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.1	2.2
85°	2.6	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
82.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
80°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
77.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
75°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
72.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
70°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.3
67.5°	2.8	2.8	2.8	2.9	2.8	2.8	2.8	2.8	2.8	2.2	1.4
65°	2.8	2.8	3.9	4.2	3.0	2.8	2.8	2.8	2.9	2.5	2.6
62.5°	4.1	5.1	6.3	9.9	7.3	2.8	5.5	6.4	4.3	3.5	3.8
60°	12.4	8.5	21.8	30.3	19.8	10.5	12.9	25.7	21.2	5.8	15.0
57.5°	25.1	30.9	55.0	57.7	44.3	30.0	65.7	72.8	60.4	38.0	54.6
55°	52.3	73.4	92.8	91.7	92.3	116.0	136.3	133.8	118.0	162.7	204.9
52.5°	98.9	120.9	133.7	145.7	178.8	200.8	207.1	219.7	265.9	321.3	331.3
50°	145.1	167.7	184.7	227.8	261.8	279.2	295.4	337.8	407.8	445.7	451.9
47.5°	191.9	217.2	261.8	309.0	341.8	368.1	396.2	492.5	570.6	602.9	614.7
45°	240.7	284.5	340.1	388.6	426.7	462.3	553.6	685.0	740.0	789.6	915.8
42.5°	291.4	357.3	420.0	470.8	513.7	588.2	715.3	842.6	921.3	1026.8	1179.2
40°	356.0	429.9	502.6	554.2	607.7	720.7	878.0	1012.8	1096.0	1237.6	1411.3
37.5°	421.7	508.0	586.5	641.0	716.2	869.0	1053.8	1215.3	1318.5	1433.7	1712.8
35°	486.5	587.8	668.2	741.3	834.3	1044.8	1272.7	1452.4	1579.9	1777.2	2130.5
32.5°	555.7	668.9	751.2	850.7	1003.5	1238.9	1518.7	1718.2	1929.7	2213.6	2779.5
30°	629.4	744.9	839.5	959.1	1164.0	1438.7	1763.4	2014.1	2301.3	2762.4	3372.4
27.5°	702.9	820.6	937.2	1089.3	1314.3	1611.1	1950.2	2345.4	2716.5	3232.2	3899.0
25°	773.5	897.8	1032.9	1216.8	1460.1	1770.7	2141.0	2596.8	3081.2	3671.1	4454.0
22.5°	840.9	976.1	1134.3	1331.9	1583.1	1922.3	2363.8	2899.3	3481.4	4092.4	4992.1
20°	907.0	1063.6	1245.1	1466.3	1696.3	2062.1	2581.8	3230.2	3959.7	4796.8	5678.4
17.5°	972.3	1150.0	1359.6	1605.5	1884.1	2258.4	2805.3	3577.3	4465.1	5554.5	6640.0
15°	1036.2	1234.7	1470.3	1742.9	2073.5	2520.9	3142.0	3990.5	5063.2	6367.7	7653.6
12.5°	1098.2	1316.8	1576.5	1877.1	2257.3	2768.0	3459.4	4374.8	5603.9	7162.4	8742.1
10°	1157.6	1395.7	1677.3	2006.7	2433.2	2998.0	3740.0	4707.2	6011.8	7618.0	9374.9
7.5°	1187.9	1449.0	1763.4	2129.9	2599.3	3209.0	3984.1	4988.2	6330.6	7984.4	9745.9
5°	1209.6	1473.5	1795.8	2179.1	2690.5	3352.6	4170.9	5217.8	6565.5	8260.1	9997.3
2.5°	1226.2	1491.0	1819.3	2206.9	2726.6	3400.5	4232.6	5298.0	6691.5	8403.9	10143.8
0°	1237.7	1501.7	1833.9	2222.8	2745.1	3423.6	4261.0	5331.3	6745.0	8436.9	10197.0
-2.5°	1249.9	1516.4	1849.2	2247.5	2771.2	3455.1	4292.4	5354.8	6785.1	8446.1	10225.8
-5°	1256.8	1524.3	1855.1	2259.4	2779.6	3461.0	4290.2	5332.4	6753.1	8379.8	10163.2
-7.5°	1258.8	1525.2	1851.8	2257.1	2768.9	3434.2	4244.8	5265.8	6643.0	8245.6	10009.8
-10°	1255.7	1518.5	1839.6	2236.6	2737.7	3378.4	4163.7	5150.5	6462.1	8024.2	9750.4
-12.5°	1246.5	1504.3	1817.7	2203.2	2687.5	3299.2	4049.5	4986.1	6210.8	7716.3	9384.9
-15°	1231.8	1483.1	1786.1	2156.9	2618.2	3197.1	3902.7	4772.7	5887.2	7324.9	8929.7
-17.5°	1211.5	1455.0	1744.7	2097.8	2529.7	3073.2	3725.2	4522.8	5538.3	6888.1	8423.6
-20°	1185.6	1420.1	1693.5	2026.2	2427.7	2942.6	3560.4	4301.7	5211.7	6387.9	7826.4

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CATALOG NUMBER: GFLD-SA5E-750-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1154.2	1378.4	1639.3	1957.6	2337.3	2807.1	3376.2	4050.9	4845.5	5809.8	7174.5
-25°	1121.9	1338.5	1586.7	1881.2	2233.9	2653.5	3165.5	3780.1	4499.7	5382.4	6510.8
-27.5°	1090.0	1292.6	1525.7	1793.1	2118.1	2495.1	2967.4	3527.7	4169.0	4919.6	5838.5
-30°	1054.1	1241.4	1458.6	1700.8	2007.0	2357.1	2765.3	3245.4	3815.6	4493.9	5292.7
-32.5°	1014.9	1186.3	1393.5	1620.9	1888.1	2206.8	2559.9	2994.1	3490.2	4049.7	4740.2
-35°	975.8	1139.4	1326.9	1534.8	1760.5	2058.8	2383.3	2743.5	3165.5	3661.0	4213.1
-37.5°	938.3	1088.2	1255.4	1449.3	1661.0	1908.7	2195.3	2520.6	2883.8	3278.0	3755.0
-40°	896.5	1032.9	1191.1	1366.7	1553.9	1768.7	2027.1	2303.2	2615.9	2962.7	3331.1
-42.5°	851.0	982.2	1126.5	1277.8	1449.6	1641.4	1855.8	2108.2	2368.1	2658.7	2980.2
-45°	806.4	926.9	1059.0	1197.1	1341.6	1511.1	1705.8	1915.8	2146.1	2383.3	2653.4
-47.5°	759.5	869.5	992.5	1112.8	1240.8	1385.4	1550.6	1741.2	1933.3	2144.5	2353.9
-50°	712.5	815.7	919.1	1031.4	1146.1	1266.4	1406.0	1570.5	1745.3	1920.5	2104.9
-52.5°	670.4	759.7	853.1	949.5	1054.0	1161.1	1277.4	1412.9	1565.8	1720.2	1879.1
-55°	627.5	709.8	786.9	873.3	963.6	1060.0	1163.7	1277.8	1393.1	1533.8	1670.5
-57.5°	585.5	658.5	725.6	799.2	879.5	961.5	1054.9	1151.8	1256.6	1362.8	1474.7
-60°	543.4	605.4	666.3	729.9	797.4	870.2	945.4	1030.6	1120.4	1212.6	1309.6
-62.5°	499.8	550.2	603.8	662.1	721.4	777.5	840.5	910.1	984.2	1063.5	1145.6
-65°	451.1	492.8	537.6	588.4	644.1	689.3	737.5	789.9	851.1	916.4	980.9
-67.5°	399.1	436.1	472.6	510.2	555.4	595.9	635.6	677.2	723.0	776.4	828.1
-70°	341.2	378.0	410.2	441.4	470.1	499.1	532.7	565.6	602.5	650.3	697.4
-72.5°	282.2	316.8	347.3	373.8	394.0	411.3	432.0	455.9	491.2	535.6	577.1
-75°	228.3	256.2	284.7	310.1	323.2	328.4	332.7	345.3	381.1	426.6	466.9
-77.5°	177.8	202.0	225.3	247.5	256.6	260.2	262.0	262.0	288.4	327.2	368.0
-80°	130.9	147.8	167.5	186.5	192.1	193.8	194.0	192.8	214.4	242.4	272.3
-82.5°	91.0	103.1	115.7	128.6	130.3	129.5	127.6	125.8	143.2	163.3	184.0
-85°	53.0	58.1	65.8	73.7	74.6	74.2	72.8	70.6	80.3	91.3	102.8
-87.5°	26.5	29.1	31.6	34.2	33.3	31.9	30.2	28.1	30.8	33.7	36.6
-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: P627782 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-750-U-WR-VSR-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°	2.3	1.8	1.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	2.8	2.1	1.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	2.8	2.2	1.5	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0
80°	2.8	2.2	1.5	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	2.8	2.3	1.6	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	2.8	2.4	1.6	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2.8	2.4	1.7	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0
70°	1.6	0.8	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1.3	1.4	1.5	1.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0
65°	2.9	2.8	2.1	1.4	0.6	0.5	0.7	0.6	0.3	0.0	0.0
62.5°	3.6	3.5	2.5	2.4	2.6	2.8	2.3	2.0	1.9	2.0	2.3
60°	16.0	9.1	9.3	11.9	10.1	4.6	9.2	11.7	11.0	8.3	7.3
57.5°	81.5	68.2	47.6	79.9	82.2	57.3	62.2	81.2	78.7	60.8	60.6
55°	205.3	208.3	223.6	243.8	258.8	265.7	271.9	302.4	334.9	366.9	382.8
52.5°	339.1	378.8	428.1	460.8	483.6	530.3	595.8	625.8	655.1	688.3	712.3
50°	499.5	568.4	617.9	625.1	702.9	753.4	765.3	821.7	883.1	921.3	948.7
47.5°	743.0	830.2	873.4	901.0	995.6	1099.4	1099.6	1132.0	1285.7	1366.1	1404.9
45°	1070.2	1142.9	1219.3	1417.6	1599.9	1657.8	1781.6	1949.3	2058.4	2208.4	2373.4
42.5°	1348.8	1485.3	1676.5	1894.9	2077.7	2229.9	2413.9	2615.5	2857.7	3085.5	3282.0
40°	1624.5	1793.5	2030.3	2267.9	2498.1	2708.9	3005.5	3264.7	3550.5	3863.8	4125.0
37.5°	1984.3	2200.6	2445.4	2744.9	3103.2	3337.2	3745.1	4117.7	4439.6	4818.0	5051.1
35°	2536.9	2818.9	3035.5	3641.1	4076.8	4350.6	4833.5	5445.9	5681.0	6157.5	6383.6
32.5°	3231.7	3606.3	4176.6	4978.5	5560.4	6064.4	6786.2	7407.6	7937.2	8415.8	8913.6
30°	4012.3	4590.5	5431.1	6496.5	7087.6	7793.5	8769.7	9506.4	10337.0	11248.7	11568.1
27.5°	4720.7	5586.7	6562.7	7425.7	8274.7	9153.9	10113.0	11059.5	11958.5	12717.2	13226.3
25°	5377.3	6426.1	7374.6	8296.8	9216.8	10206.9	11291.7	12365.2	13354.4	14135.1	14728.6
22.5°	6054.5	7162.5	8177.2	9113.0	10183.1	11305.1	12458.8	13690.0	14815.9	15625.8	16272.4
20°	6691.2	7923.6	9081.0	10146.5	11158.0	12453.2	13781.7	15087.7	16313.8	17278.5	18024.0
17.5°	7701.9	8771.7	10186.3	11570.5	12710.0	13899.8	15675.0	17022.9	18383.5	19538.9	20329.2
15°	8943.1	10119.5	11580.2	13481.1	15042.5	16405.8	18239.6	20432.5	22037.2	23512.1	24523.9
12.5°	10185.3	11515.9	13095.8	15235.0	17458.1	19063.9	21288.7	24067.4	25936.6	28220.1	29345.9
10°	11137.4	12808.2	14435.3	16387.5	18522.5	20809.2	23207.5	25807.1	28304.6	30265.5	32018.3
7.5°	11520.8	13300.4	15184.0	17175.8	19310.6	21670.6	24226.8	26931.8	29502.2	31692.3	33618.6
5°	11807.3	13630.8	15526.7	17563.5	19845.5	22310.1	24904.3	27744.4	30369.3	32716.6	34687.4
2.5°	11989.4	13830.0	15717.7	17788.5	20188.7	22726.3	25404.0	28319.2	30983.6	33400.1	35364.5
0°	12059.2	13873.2	15806.4	17938.4	20314.4	22858.0	25651.4	28600.9	31286.4	33622.7	35643.9
-2.5°	12068.7	13833.0	15812.2	17933.7	20207.2	22774.7	25601.7	28526.7	31157.6	33484.5	35523.8
-5°	11974.0	13737.5	15718.5	17808.0	20084.6	22632.7	25338.4	28164.8	30674.1	32938.7	34902.1
-7.5°	11782.0	13540.6	15477.8	17519.4	19734.6	22206.2	24804.9	27432.7	29894.3	32066.3	33940.0
-10°	11497.0	13218.7	15088.8	17078.0	19174.1	21525.0	24003.0	26513.6	28822.0	30830.6	32563.3
-12.5°	11111.1	12793.1	14578.9	16478.0	18429.1	20670.4	23010.2	25367.9	27471.9	29305.6	30860.2
-15°	10610.0	12252.7	13981.9	15777.8	17670.0	19696.8	21796.6	23959.2	25899.7	27525.9	28946.1
-17.5°	10019.6	11612.8	13255.1	14919.9	16715.2	18616.9	20566.0	22507.3	24162.3	25607.0	26905.7
-20°	9361.4	10896.5	12456.4	14008.4	15637.3	17396.0	19196.3	20901.4	22347.8	23660.4	24848.8



REPORT NUMBER: P627782 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-750-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	8623.5	10092.9	11588.0	13040.4	14509.3	16101.7	17709.5	19251.5	20604.4	21727.3	22760.0
-25°	7833.6	9191.2	10603.1	11964.9	13316.8	14743.8	16204.2	17623.0	18813.6	19788.6	20641.9
-27.5°	7037.6	8278.2	9522.2	10804.2	12053.8	13370.6	14692.7	15918.2	16987.2	17884.8	18601.9
-30°	6201.0	7310.0	8446.0	9606.0	10799.2	12004.3	13198.9	14271.8	15205.0	15994.5	16614.2
-32.5°	5505.6	6348.2	7351.1	8404.1	9522.7	10620.6	11659.7	12637.8	13517.0	14206.4	14732.0
-35°	4839.2	5552.7	6303.8	7235.8	8196.8	9207.2	10163.1	11035.9	11819.7	12422.1	12916.5
-37.5°	4266.2	4830.5	5465.7	6131.1	6936.8	7772.1	8634.9	9455.7	10154.6	10680.1	11121.7
-40°	3770.3	4215.9	4723.4	5250.9	5843.7	6443.8	7195.0	7887.8	8458.3	8949.4	9349.5
-42.5°	3322.0	3698.0	4072.8	4505.5	4952.7	5435.1	5962.3	6474.7	6912.5	7323.6	7663.4
-45°	2935.0	3235.3	3534.1	3868.3	4196.7	4589.0	4965.6	5301.7	5656.3	5964.1	6206.3
-47.5°	2596.6	2830.8	3086.9	3337.0	3600.7	3896.1	4176.4	4432.1	4692.0	4917.1	5097.6
-50°	2295.8	2489.9	2699.1	2895.6	3108.8	3324.9	3532.2	3735.6	3933.0	4104.3	4237.5
-52.5°	2032.6	2202.2	2365.1	2521.6	2691.2	2851.1	3001.2	3169.1	3323.5	3458.4	3549.6
-55°	1808.5	1947.0	2080.4	2211.1	2339.4	2460.6	2580.2	2710.6	2829.7	2937.0	3004.9
-57.5°	1598.0	1715.9	1829.0	1935.7	2037.4	2133.8	2234.5	2334.7	2426.6	2507.5	2560.0
-60°	1406.5	1502.8	1600.6	1687.7	1769.8	1846.8	1931.6	2011.8	2085.9	2148.2	2184.5
-62.5°	1231.0	1317.4	1389.6	1458.5	1528.4	1597.8	1658.0	1717.2	1774.4	1822.5	1854.2
-65°	1047.6	1120.8	1182.3	1237.6	1287.7	1341.4	1392.8	1439.3	1480.5	1511.9	1531.9
-67.5°	883.5	937.4	986.7	1030.7	1075.3	1118.4	1157.9	1193.1	1224.1	1246.0	1260.4
-70°	741.0	782.1	822.4	862.4	902.2	935.7	964.4	990.7	1014.6	1024.6	1029.0
-72.5°	615.8	652.3	687.7	723.0	756.0	782.2	803.3	822.6	840.0	825.1	798.8
-75°	502.2	534.3	567.3	598.5	627.7	647.7	663.4	677.8	690.9	658.5	613.8
-77.5°	409.2	437.4	461.9	486.2	510.2	523.0	533.0	542.7	552.1	515.8	470.0
-80°	303.6	326.4	347.1	367.6	387.6	395.3	399.7	402.7	404.3	373.3	337.4
-82.5°	205.1	216.9	228.3	240.2	252.4	258.8	263.6	267.3	270.0	248.0	223.2
-85°	115.0	118.5	121.3	123.7	125.7	129.7	133.5	137.0	140.2	129.8	118.3
-87.5°	39.5	39.5	39.4	39.1	38.6	38.7	38.7	38.6	38.4	36.7	34.9
-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: P627782 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-750-U-WR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6
62.5°	2.5	2.7	2.8	2.8	2.8	2.7	2.5	2.3	2.0	1.9	2.0
60°	5.6	3.4	2.8	2.8	2.8	3.4	5.6	7.3	8.3	11.0	11.7
57.5°	56.5	49.3	44.2	39.7	44.2	49.3	56.5	60.6	60.8	78.7	81.2
55°	376.0	350.1	318.4	281.0	318.4	350.1	376.0	382.8	366.9	334.9	302.4
52.5°	737.6	762.1	776.2	775.0	776.2	762.1	737.6	712.3	688.3	655.1	625.8
50°	970.8	984.1	984.8	973.7	984.8	984.1	970.8	948.7	921.3	883.1	821.7
47.5°	1422.3	1403.6	1371.6	1337.1	1371.6	1403.6	1422.3	1404.9	1366.1	1285.7	1132.0
45°	2481.9	2541.7	2537.7	2461.2	2537.7	2541.7	2481.9	2373.4	2208.4	2058.4	1949.3
42.5°	3391.8	3481.3	3544.7	3576.9	3544.7	3481.3	3391.8	3282.0	3085.5	2857.7	2615.5
40°	4272.1	4358.6	4396.6	4394.5	4396.6	4358.6	4272.1	4125.0	3863.8	3550.5	3264.7
37.5°	5202.3	5314.2	5368.5	5342.6	5368.5	5314.2	5202.3	5051.1	4818.0	4439.6	4117.7
35°	6481.5	6586.2	6588.1	6534.9	6588.1	6586.2	6481.5	6383.6	6157.5	5681.0	5445.9
32.5°	9308.8	9343.9	9074.6	8979.1	9074.6	9343.9	9308.8	8913.6	8415.8	7937.2	7407.6
30°	11886.0	12134.4	12365.6	12482.2	12365.6	12134.4	11886.0	11568.1	11248.7	10337.0	9506.4
27.5°	13610.1	13909.0	14094.2	14106.0	14094.2	13909.0	13610.1	13226.3	12717.2	11958.5	11059.5
25°	15178.3	15512.5	15714.5	15783.7	15714.5	15512.5	15178.3	14728.6	14135.1	13354.4	12365.2
22.5°	16821.1	17215.1	17476.2	17529.6	17476.2	17215.1	16821.1	16272.4	15625.8	14815.9	13690.0
20°	18727.3	19185.8	19436.1	19425.9	19436.1	19185.8	18727.3	18024.0	17278.5	16313.8	15087.7
17.5°	21236.8	21728.6	21944.7	21850.2	21944.7	21728.6	21236.8	20329.2	19538.9	18383.5	17022.9
15°	25562.5	26591.2	26587.1	26176.5	26587.1	26591.2	25562.5	24523.9	23512.1	22037.2	20432.5
12.5°	30898.3	31665.0	32451.6	32620.6	32451.6	31665.0	30898.3	29345.9	28220.1	25936.6	24067.4
10°	33494.6	34512.8	35184.7	35167.0	35184.7	34512.8	33494.6	32018.3	30265.5	28304.6	25807.1
7.5°	35119.0	36243.8	37058.1	37040.6	37058.1	36243.8	35119.0	33618.6	31692.3	29502.2	26931.8
5°	36372.5	37620.1	38341.3	38394.7	38341.3	37620.1	36372.5	34687.4	32716.6	30369.3	27744.4
2.5°	37023.8	38325.9	39193.0	39078.9	39193.0	38325.9	37023.8	35364.5	33400.1	30983.6	28319.2
0°	37296.1	38584.9	39394.0	39743.2	39394.0	38584.9	37296.1	35643.9	33622.7	31286.4	28600.9
-2.5°	37177.2	38431.3	39325.4	39359.9	39325.4	38431.3	37177.2	35523.8	33484.5	31157.6	28526.7
-5°	36540.2	37863.6	38462.6	38780.8	38462.6	37863.6	36540.2	34902.1	32938.7	30674.1	28164.8
-7.5°	35512.9	36504.6	37265.6	37616.9	37265.6	36504.6	35512.9	33940.0	32066.3	29894.3	27432.7
-10°	33914.2	34940.8	35583.9	35873.9	35583.9	34940.8	33914.2	32563.3	30830.6	28822.0	26513.6
-12.5°	32143.0	33076.1	33687.4	33932.1	33687.4	33076.1	32143.0	30860.2	29305.6	27471.9	25367.9
-15°	30167.0	31014.1	31576.8	31811.6	31576.8	31014.1	30167.0	28946.1	27525.9	25899.7	23959.2
-17.5°	27991.7	28734.1	29294.8	29463.9	29294.8	28734.1	27991.7	26905.7	25607.0	24162.3	22507.3
-20°	25755.0	26426.1	26887.9	26988.4	26887.9	26426.1	25755.0	24848.8	23660.4	22347.8	20901.4



REPORT NUMBER: P627782 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-750-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	23501.3	24054.1	24429.2	24555.6	24429.2	24054.1	23501.3	22760.0	21727.3	20604.4	19251.5
-25°	21298.8	21776.0	22077.8	22190.9	22077.8	21776.0	21298.8	20641.9	19788.6	18813.6	17623.0
-27.5°	19180.4	19625.2	19902.6	19939.7	19902.6	19625.2	19180.4	18601.9	17884.8	16987.2	15918.2
-30°	17096.2	17463.6	17677.4	17768.0	17677.4	17463.6	17096.2	16614.2	15994.5	15205.0	14271.8
-32.5°	15148.3	15469.3	15661.4	15712.7	15661.4	15469.3	15148.3	14732.0	14206.4	13517.0	12637.8
-35°	13309.5	13605.9	13776.2	13762.5	13776.2	13605.9	13309.5	12916.5	12422.1	11819.7	11035.9
-37.5°	11486.7	11760.2	11914.7	11900.2	11914.7	11760.2	11486.7	11121.7	10680.1	10154.6	9455.7
-40°	9678.4	9914.4	10050.4	10083.4	10050.4	9914.4	9678.4	9349.5	8949.4	8458.3	7887.8
-42.5°	7945.9	8163.7	8272.6	8229.7	8272.6	8163.7	7945.9	7663.4	7323.6	6912.5	6474.7
-45°	6375.8	6488.4	6562.6	6608.7	6562.6	6488.4	6375.8	6206.3	5964.1	5656.3	5301.7
-47.5°	5229.8	5323.2	5373.6	5382.4	5373.6	5323.2	5229.8	5097.6	4917.1	4692.0	4432.1
-50°	4341.1	4420.5	4455.6	4445.6	4455.6	4420.5	4341.1	4237.5	4104.3	3933.0	3735.6
-52.5°	3615.3	3661.3	3692.4	3707.5	3692.4	3661.3	3615.3	3549.6	3458.4	3323.5	3169.1
-55°	3055.9	3091.8	3112.7	3119.8	3112.7	3091.8	3055.9	3004.9	2937.0	2829.7	2710.6
-57.5°	2603.7	2637.8	2650.2	2645.8	2650.2	2637.8	2603.7	2560.0	2507.5	2426.6	2334.7
-60°	2212.4	2231.9	2246.5	2254.0	2246.5	2231.9	2212.4	2184.5	2148.2	2085.9	2011.8
-62.5°	1879.4	1897.7	1913.0	1921.9	1913.0	1897.7	1879.4	1854.2	1822.5	1774.4	1717.2
-65°	1545.9	1554.0	1556.3	1552.8	1556.3	1554.0	1545.9	1531.9	1511.9	1480.5	1439.3
-67.5°	1271.1	1277.9	1282.4	1283.1	1282.4	1277.9	1271.1	1260.4	1246.0	1224.1	1193.1
-70°	1033.3	1036.2	1032.9	1024.8	1032.9	1036.2	1033.3	1029.0	1024.6	1014.6	990.7
-72.5°	771.9	743.6	715.4	684.2	715.4	743.6	771.9	798.8	825.1	840.0	822.6
-75°	567.5	519.6	502.2	485.4	502.2	519.6	567.5	613.8	658.5	690.9	677.8
-77.5°	422.1	372.3	358.9	346.3	358.9	372.3	422.1	470.0	515.8	552.1	542.7
-80°	299.9	261.0	252.4	244.1	252.4	261.0	299.9	337.4	373.3	404.3	402.7
-82.5°	197.1	169.9	164.5	159.0	164.5	169.9	197.1	223.2	248.0	270.0	267.3
-85°	106.1	93.3	90.7	88.0	90.7	93.3	106.1	118.3	129.8	140.2	137.0
-87.5°	33.0	31.1	31.2	31.2	31.2	31.1	33.0	34.9	36.7	38.4	38.6
-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: P627782 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-750-U-WR-VSR-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°	0.0	0.0	0.0	0.6	1.2	1.8	2.3	2.2	2.1	2.1	2.0
85°	0.0	0.0	0.0	0.7	1.4	2.1	2.8	2.8	2.8	2.8	2.8
82.5°	0.0	0.0	0.1	0.8	1.5	2.2	2.8	2.8	2.8	2.8	2.8
80°	0.0	0.0	0.1	0.8	1.5	2.2	2.8	2.8	2.8	2.8	2.8
77.5°	0.0	0.0	0.1	0.9	1.6	2.3	2.8	2.8	2.8	2.8	2.8
75°	0.0	0.0	0.2	0.9	1.6	2.4	2.8	2.8	2.8	2.8	2.8
72.5°	0.0	0.0	0.2	0.8	1.7	2.4	2.8	2.8	2.8	2.8	2.8
70°	0.0	0.0	0.1	0.1	0.2	0.8	1.6	2.3	2.7	2.8	2.8
67.5°	0.0	0.0	0.5	1.2	1.5	1.4	1.3	1.4	2.2	2.8	2.8
65°	0.7	0.5	0.6	1.4	2.1	2.8	2.9	2.6	2.5	2.9	2.8
62.5°	2.3	2.8	2.6	2.4	2.5	3.5	3.6	3.8	3.5	4.3	6.4
60°	9.2	4.6	10.1	11.9	9.3	9.1	16.0	15.0	5.8	21.2	25.7
57.5°	62.2	57.3	82.2	79.9	47.6	68.2	81.5	54.6	38.0	60.4	72.8
55°	271.9	265.7	258.8	243.8	223.6	208.3	205.3	204.9	162.7	118.0	133.8
52.5°	595.8	530.3	483.6	460.8	428.1	378.8	339.1	331.3	321.3	265.9	219.7
50°	765.3	753.4	702.9	625.1	617.9	568.4	499.5	451.9	445.7	407.8	337.8
47.5°	1099.6	1099.4	995.6	901.0	873.4	830.2	743.0	614.7	602.9	570.6	492.5
45°	1781.6	1657.8	1599.9	1417.6	1219.3	1142.9	1070.2	915.8	789.6	740.0	685.0
42.5°	2413.9	2229.9	2077.7	1894.9	1676.5	1485.3	1348.8	1179.2	1026.8	921.3	842.6
40°	3005.5	2708.9	2498.1	2267.9	2030.3	1793.5	1624.5	1411.3	1237.6	1096.0	1012.8
37.5°	3745.1	3337.2	3103.2	2744.9	2445.4	2200.6	1984.3	1712.8	1433.7	1318.5	1215.3
35°	4833.5	4350.6	4076.8	3641.1	3035.5	2818.9	2536.9	2130.5	1777.2	1579.9	1452.4
32.5°	6786.2	6064.4	5560.4	4978.5	4176.6	3606.3	3231.7	2779.5	2213.6	1929.7	1718.2
30°	8769.7	7793.5	7087.6	6496.5	5431.1	4590.5	4012.3	3372.4	2762.4	2301.3	2014.1
27.5°	10113.0	9153.9	8274.7	7425.7	6562.7	5586.7	4720.7	3899.0	3232.2	2716.5	2345.4
25°	11291.7	10206.9	9216.8	8296.8	7374.6	6426.1	5377.3	4454.0	3671.1	3081.2	2596.8
22.5°	12458.8	11305.1	10183.1	9113.0	8177.2	7162.5	6054.5	4992.1	4092.4	3481.4	2899.3
20°	13781.7	12453.2	11158.0	10146.5	9081.0	7923.6	6691.2	5678.4	4796.8	3959.7	3230.2
17.5°	15675.0	13899.8	12710.0	11570.5	10186.3	8771.7	7701.9	6640.0	5554.5	4465.1	3577.3
15°	18239.6	16405.8	15042.5	13481.1	11580.2	10119.5	8943.1	7653.6	6367.7	5063.2	3990.5
12.5°	21288.7	19063.9	17458.1	15235.0	13095.8	11515.9	10185.3	8742.1	7162.4	5603.9	4374.8
10°	23207.5	20809.2	18522.5	16387.5	14435.3	12808.2	11137.4	9374.9	7618.0	6011.8	4707.2
7.5°	24226.8	21670.6	19310.6	17175.8	15184.0	13300.4	11520.8	9745.9	7984.4	6330.6	4988.2
5°	24904.3	22310.1	19845.5	17563.5	15526.7	13630.8	11807.3	9997.3	8260.1	6565.5	5217.8
2.5°	25404.0	22726.3	20188.7	17788.5	15717.7	13830.0	11989.4	10143.8	8403.9	6691.5	5298.0
0°	25651.4	22858.0	20314.4	17938.4	15806.4	13873.2	12059.2	10197.0	8436.9	6745.0	5331.3
-2.5°	25601.7	22774.7	20207.2	17933.7	15812.2	13833.0	12068.7	10225.8	8446.1	6785.1	5354.8
-5°	25338.4	22632.7	20084.6	17808.0	15718.5	13737.5	11974.0	10163.2	8379.8	6753.1	5332.4
-7.5°	24804.9	22206.2	19734.6	17519.4	15477.8	13540.6	11782.0	10009.8	8245.6	6643.0	5265.8
-10°	24003.0	21525.0	19174.1	17078.0	15088.8	13218.7	11497.0	9750.4	8024.2	6462.1	5150.5
-12.5°	23010.2	20670.4	18429.1	16478.0	14578.9	12793.1	11111.1	9384.9	7716.3	6210.8	4986.1
-15°	21796.6	19696.8	17670.0	15777.8	13981.9	12252.7	10610.0	8929.7	7324.9	5887.2	4772.7
-17.5°	20566.0	18616.9	16715.2	14919.9	13255.1	11612.8	10019.6	8423.6	6888.1	5538.3	4522.8
-20°	19196.3	17396.0	15637.3	14008.4	12456.4	10896.5	9361.4	7826.4	6387.9	5211.7	4301.7



REPORT NUMBER: P627782 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-750-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	17709.5	16101.7	14509.3	13040.4	11588.0	10092.9	8623.5	7174.5	5809.8	4845.5	4050.9
-25°	16204.2	14743.8	13316.8	11964.9	10603.1	9191.2	7833.6	6510.8	5382.4	4499.7	3780.1
-27.5°	14692.7	13370.6	12053.8	10804.2	9522.2	8278.2	7037.6	5838.5	4919.6	4169.0	3527.7
-30°	13198.9	12004.3	10799.2	9606.0	8446.0	7310.0	6201.0	5292.7	4493.9	3815.6	3245.4
-32.5°	11659.7	10620.6	9522.7	8404.1	7351.1	6348.2	5505.6	4740.2	4049.7	3490.2	2994.1
-35°	10163.1	9207.2	8196.8	7235.8	6303.8	5552.7	4839.2	4213.1	3661.0	3165.5	2743.5
-37.5°	8634.9	7772.1	6936.8	6131.1	5465.7	4830.5	4266.2	3755.0	3278.0	2883.8	2520.6
-40°	7195.0	6443.8	5843.7	5250.9	4723.4	4215.9	3770.3	3331.1	2962.7	2615.9	2303.2
-42.5°	5962.3	5435.1	4952.7	4505.5	4072.8	3698.0	3322.0	2980.2	2658.7	2368.1	2108.2
-45°	4965.6	4589.0	4196.7	3868.3	3534.1	3235.3	2935.0	2653.4	2383.3	2146.1	1915.8
-47.5°	4176.4	3896.1	3600.7	3337.0	3086.9	2830.8	2596.6	2353.9	2144.5	1933.3	1741.2
-50°	3532.2	3324.9	3108.8	2895.6	2699.1	2489.9	2295.8	2104.9	1920.5	1745.3	1570.5
-52.5°	3001.2	2851.1	2691.2	2521.6	2365.1	2202.2	2032.6	1879.1	1720.2	1565.8	1412.9
-55°	2580.2	2460.6	2339.4	2211.1	2080.4	1947.0	1808.5	1670.5	1533.8	1393.1	1277.8
-57.5°	2234.5	2133.8	2037.4	1935.7	1829.0	1715.9	1598.0	1474.7	1362.8	1256.6	1151.8
-60°	1931.6	1846.8	1769.8	1687.7	1600.6	1502.8	1406.5	1309.6	1212.6	1120.4	1030.6
-62.5°	1658.0	1597.8	1528.4	1458.5	1389.6	1317.4	1231.0	1145.6	1063.5	984.2	910.1
-65°	1392.8	1341.4	1287.7	1237.6	1182.3	1120.8	1047.6	980.9	916.4	851.1	789.9
-67.5°	1157.9	1118.4	1075.3	1030.7	986.7	937.4	883.5	828.1	776.4	723.0	677.2
-70°	964.4	935.7	902.2	862.4	822.4	782.1	741.0	697.4	650.3	602.5	565.6
-72.5°	803.3	782.2	756.0	723.0	687.7	652.3	615.8	577.1	535.6	491.2	455.9
-75°	663.4	647.7	627.7	598.5	567.3	534.3	502.2	466.9	426.6	381.1	345.3
-77.5°	533.0	523.0	510.2	486.2	461.9	437.4	409.2	368.0	327.2	288.4	262.0
-80°	399.7	395.3	387.6	367.6	347.1	326.4	303.6	272.3	242.4	214.4	192.8
-82.5°	263.6	258.8	252.4	240.2	228.3	216.9	205.1	184.0	163.3	143.2	125.8
-85°	133.5	129.7	125.7	123.7	121.3	118.5	115.0	102.8	91.3	80.3	70.6
-87.5°	38.7	38.7	38.6	39.1	39.4	39.5	39.5	36.6	33.7	30.8	28.1
-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: P627782 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-750-U-WR-VSR-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°	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.8
85°	2.8	2.8	2.8	2.8	2.8	2.8	2.6	2.4	2.1	1.9	1.7
82.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.5
80°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
77.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
75°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
72.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
70°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	3.0	2.8	2.8	2.8
67.5°	2.8	2.8	2.8	2.9	2.8	2.8	2.8	3.5	3.7	2.8	2.8
65°	2.8	2.8	3.0	4.2	3.9	2.8	2.8	5.4	4.6	4.0	2.8
62.5°	5.5	2.8	7.3	9.9	6.3	5.1	4.1	11.8	7.6	5.4	3.8
60°	12.9	10.5	19.8	30.3	21.8	8.5	12.4	20.3	18.7	6.8	5.3
57.5°	65.7	30.0	44.3	57.7	55.0	30.9	25.1	34.8	31.6	18.5	7.3
55°	136.3	116.0	92.3	91.7	92.8	73.4	52.3	54.0	47.7	33.9	10.8
52.5°	207.1	200.8	178.8	145.7	133.7	120.9	98.9	76.4	70.9	50.6	26.7
50°	295.4	279.2	261.8	227.8	184.7	167.7	145.1	116.7	96.5	70.8	44.1
47.5°	396.2	368.1	341.8	309.0	261.8	217.2	191.9	158.3	124.7	97.2	61.8
45°	553.6	462.3	426.7	388.6	340.1	284.5	240.7	199.4	161.5	123.8	79.5
42.5°	715.3	588.2	513.7	470.8	420.0	357.3	291.4	245.0	197.9	150.3	100.5
40°	878.0	720.7	607.7	554.2	502.6	429.9	356.0	292.7	233.4	177.7	123.4
37.5°	1053.8	869.0	716.2	641.0	586.5	508.0	421.7	341.4	270.0	207.5	146.1
35°	1272.7	1044.8	834.3	741.3	668.2	587.8	486.5	394.3	313.6	237.5	168.4
32.5°	1518.7	1238.9	1003.5	850.7	751.2	668.9	555.7	453.9	358.4	267.5	190.4
30°	1763.4	1438.7	1164.0	959.1	839.5	744.9	629.4	513.9	404.1	297.4	212.7
27.5°	1950.2	1611.1	1314.3	1089.3	937.2	820.6	702.9	574.1	450.6	330.3	237.1
25°	2141.0	1770.7	1460.1	1216.8	1032.9	897.8	773.5	634.3	500.1	368.1	261.0
22.5°	2363.8	1922.3	1583.1	1331.9	1134.3	976.1	840.9	695.4	550.1	405.7	284.2
20°	2581.8	2062.1	1696.3	1466.3	1245.1	1063.6	907.0	753.7	599.1	442.5	306.7
17.5°	2805.3	2258.4	1884.1	1605.5	1359.6	1150.0	972.3	808.8	646.6	478.5	328.2
15°	3142.0	2520.9	2073.5	1742.9	1470.3	1234.7	1036.2	860.8	692.5	513.1	347.4
12.5°	3459.4	2768.0	2257.3	1877.1	1576.5	1316.8	1098.2	909.5	736.2	541.9	363.5
10°	3740.0	2998.0	2433.2	2006.7	1677.3	1395.7	1157.6	947.8	762.1	564.9	377.8
7.5°	3984.1	3209.0	2599.3	2129.9	1763.4	1449.0	1187.9	967.8	781.8	585.1	390.3
5°	4170.9	3352.6	2690.5	2179.1	1795.8	1473.5	1209.6	984.0	797.5	602.3	401.1
2.5°	4232.6	3400.5	2726.6	2206.9	1819.3	1491.0	1226.2	996.4	809.4	616.5	410.1
0°	4261.0	3423.6	2745.1	2222.8	1833.9	1501.7	1237.7	1004.9	817.6	627.4	417.3
-2.5°	4292.4	3455.1	2771.2	2247.5	1849.2	1516.4	1249.9	1018.2	829.4	639.7	429.3
-5°	4290.2	3461.0	2779.6	2259.4	1855.1	1524.3	1256.8	1027.7	837.9	648.6	439.4
-7.5°	4244.8	3434.2	2768.9	2257.1	1851.8	1525.2	1258.8	1033.3	843.1	654.3	447.3
-10°	4163.7	3378.4	2737.7	2236.6	1839.6	1518.5	1255.7	1035.0	845.3	656.7	452.9
-12.5°	4049.5	3299.2	2687.5	2203.2	1817.7	1504.3	1246.5	1030.2	843.9	655.9	456.1
-15°	3902.7	3197.1	2618.2	2156.9	1786.1	1483.1	1231.8	1020.2	836.6	651.2	456.7
-17.5°	3725.2	3073.2	2529.7	2097.8	1744.7	1455.0	1211.5	1006.4	826.6	642.8	455.8
-20°	3560.4	2942.6	2427.7	2026.2	1693.5	1420.1	1185.6	988.7	814.2	632.2	453.7

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627782 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-750-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	3376.2	2807.1	2337.3	1957.6	1639.3	1378.4	1154.2	967.2	799.3	619.8	449.6
-25°	3165.5	2653.5	2233.9	1881.2	1586.7	1338.5	1121.9	942.0	782.3	605.6	443.6
-27.5°	2967.4	2495.1	2118.1	1793.1	1525.7	1292.6	1090.0	918.8	762.7	589.8	435.8
-30°	2765.3	2357.1	2007.0	1700.8	1458.6	1241.4	1054.1	893.8	740.5	575.9	426.1
-32.5°	2559.9	2206.8	1888.1	1620.9	1393.5	1186.3	1014.9	867.0	717.4	562.1	418.1
-35°	2383.3	2058.8	1760.5	1534.8	1326.9	1139.4	975.8	838.6	693.5	546.6	409.4
-37.5°	2195.3	1908.7	1661.0	1449.3	1255.4	1088.2	938.3	805.1	668.9	529.2	398.8
-40°	2027.1	1768.7	1553.9	1366.7	1191.1	1032.9	896.5	769.4	646.0	510.1	386.5
-42.5°	1855.8	1641.4	1449.6	1277.8	1126.5	982.2	851.0	731.3	616.3	492.3	372.4
-45°	1705.8	1511.1	1341.6	1197.1	1059.0	926.9	806.4	691.7	584.4	474.1	357.7
-47.5°	1550.6	1385.4	1240.8	1112.8	992.5	869.5	759.5	655.1	551.5	453.8	342.7
-50°	1406.0	1266.4	1146.1	1031.4	919.1	815.7	712.5	617.3	521.4	427.1	325.8
-52.5°	1277.4	1161.1	1054.0	949.5	853.1	759.7	670.4	579.0	490.1	400.6	307.1
-55°	1163.7	1060.0	963.6	873.3	786.9	709.8	627.5	542.9	457.4	373.2	287.1
-57.5°	1054.9	961.5	879.5	799.2	725.6	658.5	585.5	505.5	424.5	344.5	269.3
-60°	945.4	870.2	797.4	729.9	666.3	605.4	543.4	466.9	390.4	314.9	247.9
-62.5°	840.5	777.5	721.4	662.1	603.8	550.2	499.8	427.1	354.9	285.7	224.0
-65°	737.5	689.3	644.1	588.4	537.6	492.8	451.1	385.8	317.5	254.7	199.1
-67.5°	635.6	595.9	555.4	510.2	472.6	436.1	399.1	340.0	277.9	221.8	174.0
-70°	532.7	499.1	470.1	441.4	410.2	378.0	341.2	290.8	236.4	190.8	147.9
-72.5°	432.0	411.3	394.0	373.8	347.3	316.8	282.2	241.1	198.8	158.8	121.1
-75°	332.7	328.4	323.2	310.1	284.7	256.2	228.3	196.7	160.4	126.0	98.7
-77.5°	262.0	260.2	256.6	247.5	225.3	202.0	177.8	151.3	123.7	100.0	77.5
-80°	194.0	193.8	192.1	186.5	167.5	147.8	130.9	114.0	93.7	74.4	56.0
-82.5°	127.6	129.5	130.3	128.6	115.7	103.1	91.0	78.9	63.3	48.4	37.4
-85°	72.8	74.2	74.6	73.7	65.8	58.1	53.0	47.8	39.5	31.9	25.1
-87.5°	30.2	31.9	33.3	34.2	31.6	29.1	26.5	24.0	19.8	16.0	12.6
-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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Scaled Data Report



REPORT NUMBER: P627782 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-750-U-WR-VSR-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°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
85°	1.4	1.2	1.0	0.7	0.5	0.2	0.0
82.5°	2.2	1.8	1.5	1.1	0.7	0.4	0.0
80°	2.8	2.4	1.9	1.5	1.0	0.5	0.0
77.5°	2.8	2.8	2.4	1.8	1.2	0.6	0.0
75°	2.8	2.8	2.8	2.2	1.4	0.7	0.0
72.5°	2.8	2.8	2.8	2.5	1.7	0.8	0.0
70°	2.8	2.8	2.8	2.8	1.9	1.0	0.0
67.5°	3.1	2.8	2.8	2.8	2.1	1.1	0.0
65°	3.4	3.1	2.8	2.8	2.4	1.2	0.0
62.5°	3.8	3.8	2.8	2.8	2.6	1.3	0.0
60°	4.4	4.5	2.8	2.8	2.8	1.4	0.0
57.5°	7.7	5.3	3.6	2.8	2.8	1.5	0.0
55°	11.7	6.3	4.5	2.8	2.9	1.6	0.0
52.5°	16.4	7.9	5.4	2.8	2.9	1.7	0.0
50°	21.7	12.8	6.3	2.8	3.0	1.8	0.0
47.5°	28.9	18.0	7.3	3.0	3.1	1.9	0.0
45°	44.2	23.6	8.4	3.8	3.1	2.0	0.0
42.5°	59.6	29.5	9.5	4.6	3.2	2.1	0.0
40°	74.8	35.7	12.4	5.6	3.3	2.1	0.0
37.5°	89.9	42.3	17.3	6.8	3.5	2.2	0.0
35°	104.9	52.5	22.2	8.2	3.6	2.3	0.0
32.5°	120.7	64.3	27.2	9.6	3.7	2.4	0.0
30°	138.5	75.9	32.2	11.1	3.9	2.4	0.0
27.5°	155.7	87.1	37.9	12.7	4.0	2.5	0.0
25°	172.3	97.9	43.6	14.4	4.2	2.5	0.0
22.5°	188.2	108.4	49.2	16.2	4.3	2.6	0.0
20°	203.3	118.6	54.6	17.9	4.5	2.6	0.0
17.5°	217.4	128.2	59.7	19.7	4.6	2.7	0.0
15°	230.3	137.2	64.7	21.5	4.8	2.7	0.0
12.5°	242.1	145.5	69.4	23.3	5.0	2.7	0.0
10°	252.8	153.1	73.8	25.0	5.1	2.8	0.0
7.5°	262.3	160.0	77.9	26.7	5.3	2.8	0.0
5°	270.7	166.2	81.7	28.3	5.4	2.8	0.0
2.5°	277.9	171.5	85.0	29.8	5.6	2.8	0.0
0°	283.9	176.0	88.0	31.2	5.7	2.8	0.0
-2.5°	291.6	181.5	92.0	33.2	6.6	3.0	0.0
-5°	298.0	186.2	95.6	35.0	7.4	3.2	0.0
-7.5°	303.1	190.0	98.6	36.6	8.2	3.3	0.0
-10°	306.7	192.8	101.1	38.1	9.0	3.5	0.0
-12.5°	308.8	194.7	103.0	39.3	9.7	3.6	0.0
-15°	309.4	195.5	104.2	40.3	10.4	3.8	0.0
-17.5°	308.6	195.4	104.8	41.1	11.1	3.9	0.0
-20°	307.7	194.3	104.7	41.6	11.7	4.0	0.0

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CATALOG NUMBER: GFLD-SA5E-750-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	307.8	192.2	103.8	41.9	12.2	4.1	0.0
-25°	306.4	191.5	102.2	41.9	12.6	4.2	0.0
-27.5°	303.5	190.7	99.9	41.6	13.0	4.2	0.0
-30°	299.0	188.7	97.0	41.0	13.3	4.3	0.0
-32.5°	293.0	185.4	95.8	40.1	13.6	4.3	0.0
-35°	287.3	181.0	93.8	38.9	13.7	4.3	0.0
-37.5°	280.8	176.2	91.0	37.5	13.7	4.3	0.0
-40°	272.7	171.9	87.3	35.7	13.7	4.3	0.0
-42.5°	263.1	166.5	84.7	34.0	13.6	4.2	0.0
-45°	251.9	160.0	83.1	32.7	13.4	4.1	0.0
-47.5°	239.2	152.4	80.5	30.9	13.1	4.0	0.0
-50°	228.0	143.8	77.1	30.4	12.7	3.9	0.0
-52.5°	216.0	134.1	72.9	30.0	12.2	3.8	0.0
-55°	202.7	126.2	67.9	29.2	11.6	3.6	0.0
-57.5°	188.1	117.7	62.0	28.0	11.0	3.5	0.0
-60°	172.5	107.9	55.6	26.5	10.2	3.3	0.0
-62.5°	157.4	97.1	51.7	24.6	9.6	3.1	0.0
-65°	140.8	85.2	47.3	22.5	8.9	2.8	0.0
-67.5°	122.8	74.6	42.3	20.0	8.2	2.6	0.0
-70°	103.5	65.4	36.8	17.2	7.4	2.3	0.0
-72.5°	88.0	55.5	30.9	15.2	6.6	2.1	0.0
-75°	72.2	45.0	24.5	13.3	5.7	1.8	0.0
-77.5°	55.7	33.9	20.3	11.2	4.8	1.5	0.0
-80°	38.5	25.9	16.4	9.1	3.9	1.2	0.0
-82.5°	28.3	19.6	12.4	6.9	3.0	0.9	0.0
-85°	19.0	13.1	8.3	4.6	2.0	0.6	0.0
-87.5°	9.5	6.6	4.2	2.3	1.0	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)