

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: P627957 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-750-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627957 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6D-750-U-MWR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N153
Light Source: (96) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

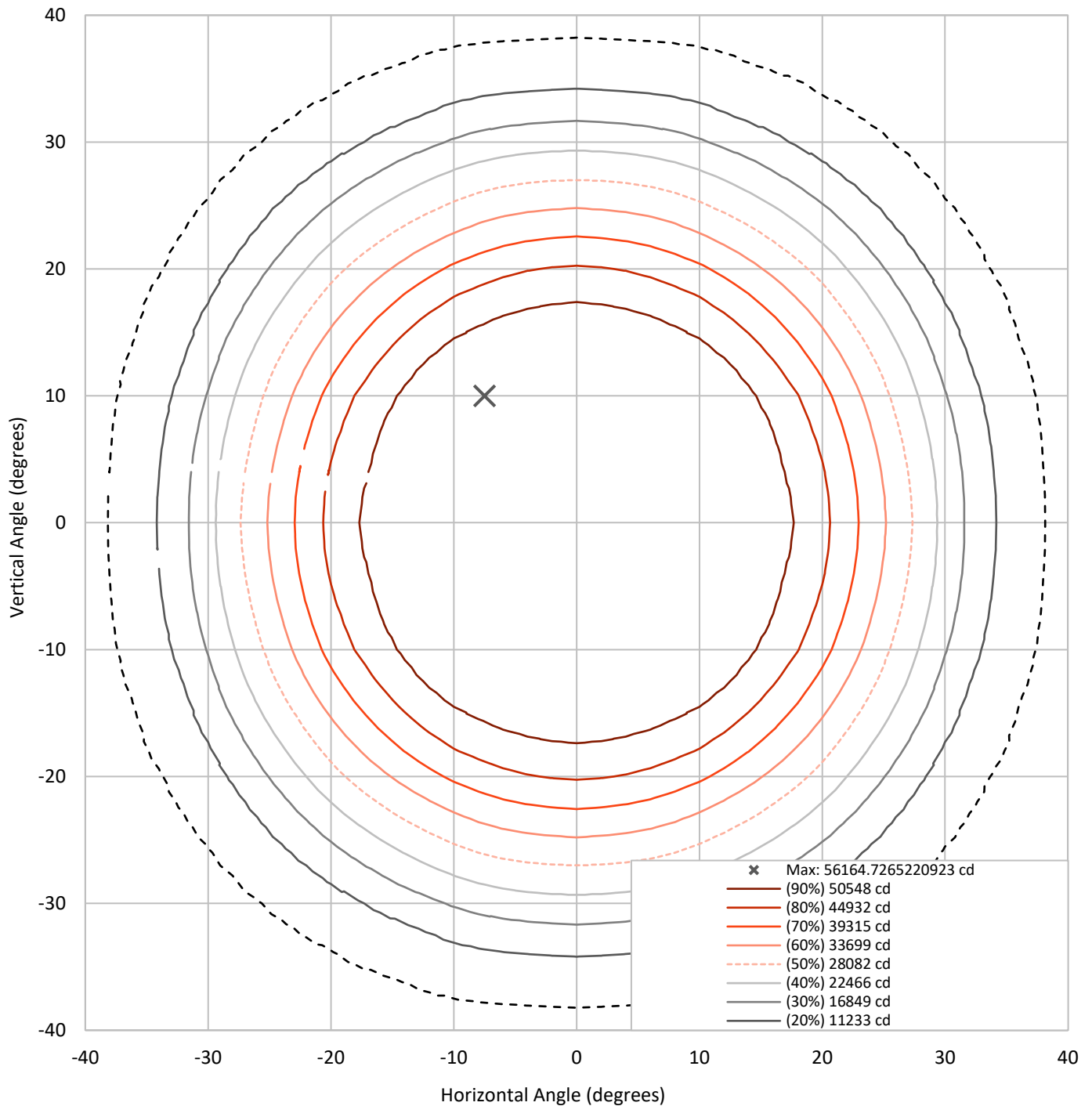
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	47801.5 lumens	Max Intensity:	56164.7 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	146.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	51°H x 52.3°V	Field Angle (10%):	74.5°H x 75.5°V
Beam Lumens:	31727.8 lumens	Field Lumens:	41255.2 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	325.9		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





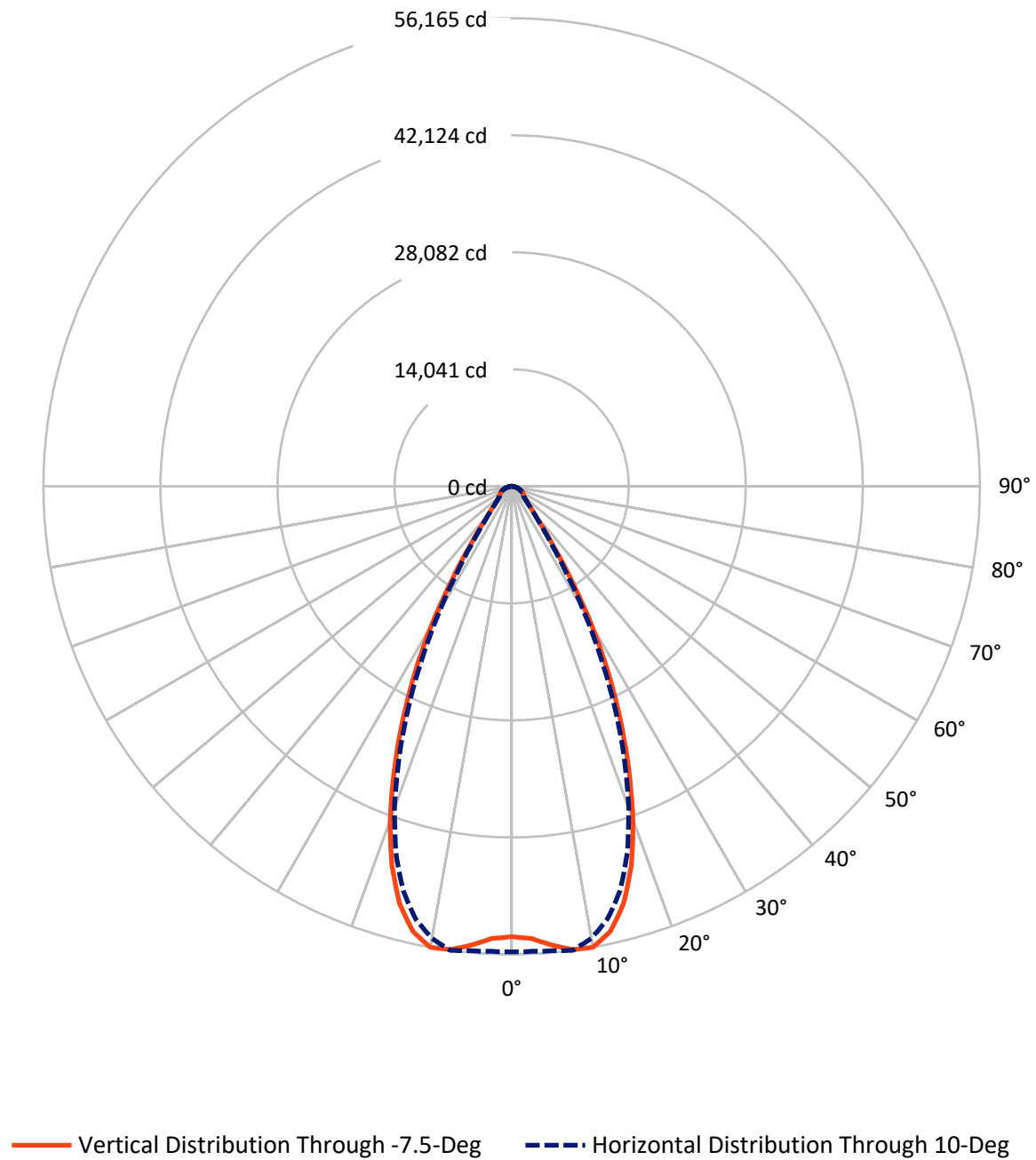
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Lumen Table

90	1.2	11.2	30.0	47.5	53.0	47.5	30.0	11.2	1.2							
80	1.2	11.2	30.0	47.5	53.0	47.5	30.0	11.2	1.2							
70	5.1	5.8	11.7	19.1	26.8	32.5	36.7	38.9	38.9	36.7	32.5	26.8	19.1	11.7	5.8	5.1
60		8.6	17.3	27.6	36.9	44.6	49.9	52.1	52.1	49.9	44.6	36.9	27.6	17.3	8.6	
50	9.0	11.1	21.8	33.5	44.8	58.4	73.4	84.3	84.3	73.4	58.4	44.8	33.5	21.8	11.1	9.0
40		13.2	25.4	38.5	59.5	108.6	207.9	308.2	308.2	207.9	108.6	59.5	38.5	25.4	13.2	
30	11.6	14.7	27.6	44.9	97.9	306.9	688.4	961.3	961.3	688.4	306.9	97.9	44.9	27.6	14.7	11.6
20		15.7	29.1	53.3	177.0	654.2	1249.3	1563.5	1563.5	1249.3	654.2	177.0	53.3	29.1	15.7	
10	12.5	16.2	29.9	60.1	254.8	895.2	1515.6	1649.0	1649.0	1515.6	895.2	254.8	60.1	29.9	16.2	12.5
0		16.2	29.9	60.1	254.8	895.2	1515.6	1649.0	1649.0	1515.6	895.2	254.8	60.1	29.9	16.2	
-10	11.6	15.7	29.1	53.3	177.0	654.2	1249.3	1563.5	1563.5	1249.3	654.2	177.0	53.3	29.1	15.7	11.6
-20		14.7	27.6	44.9	97.9	306.9	688.4	961.3	961.3	688.4	306.9	97.9	44.9	27.6	14.7	
-30	9.0	13.2	25.4	38.5	59.5	108.6	207.9	308.2	308.2	207.9	108.6	59.5	38.5	25.4	13.2	9.0
-40		11.1	21.8	33.5	44.8	58.4	73.4	84.3	84.3	73.4	58.4	44.8	33.5	21.8	11.1	
-50	5.1	8.6	17.3	27.6	36.9	44.6	49.9	52.1	52.1	49.9	44.6	36.9	27.6	17.3	8.6	5.1
-60		5.8	11.7	19.1	26.8	32.5	36.7	38.9	38.9	36.7	32.5	26.8	19.1	11.7	5.8	
-70	1.2	11.2	30.0	47.5	53.0	47.5	30.0	11.2	1.2							
-80		1.2	11.2	30.0	47.5	53.0	47.5	30.0	11.2	1.2						
-90	1.2	11.2	30.0	47.5	53.0	47.5	30.0	11.2	1.2							

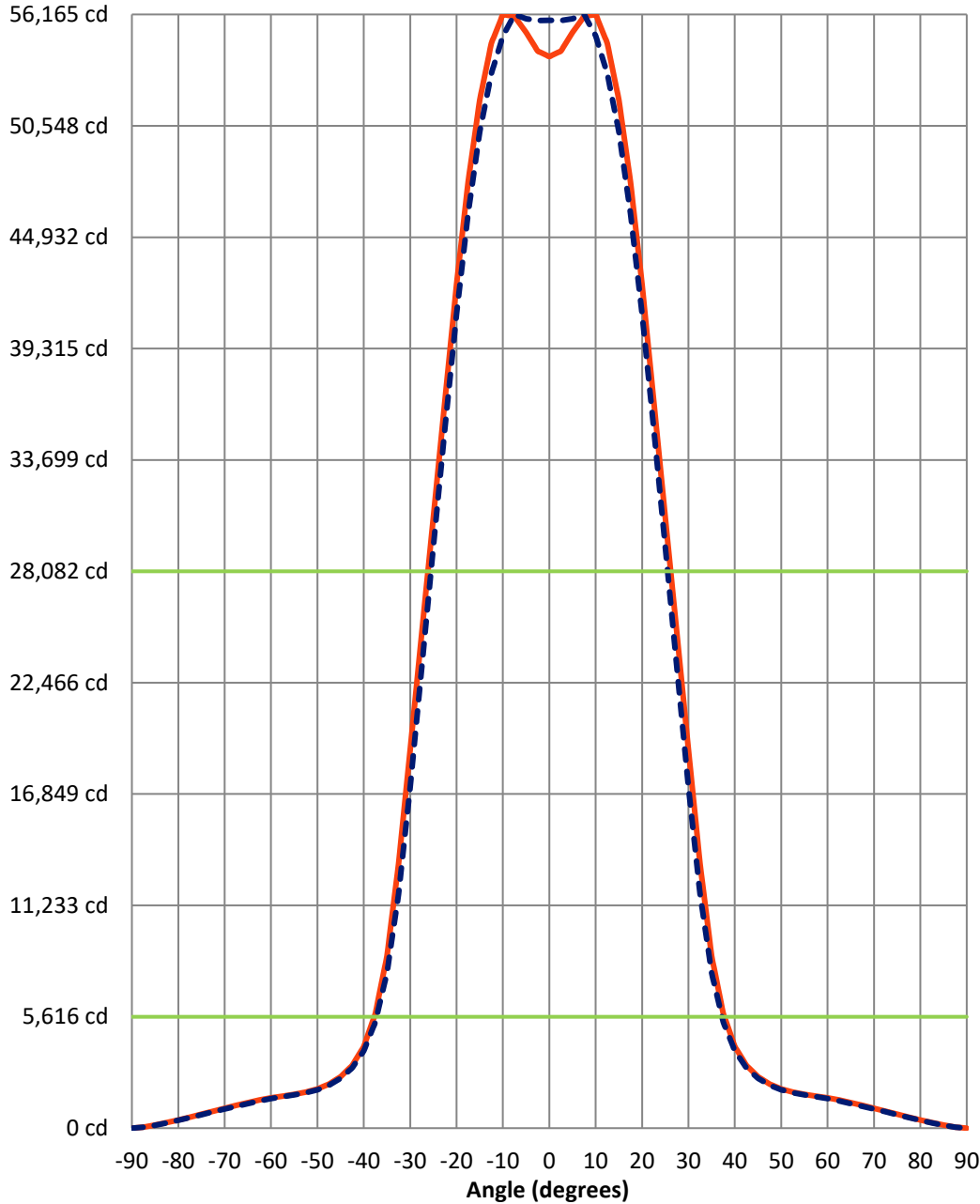
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 31727.8
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 41255.2
 Efficiency: 86.3%

Spill:
 Lumens: 6546.3
 Efficiency: 13.7%

— Vertical Distribution through -7.5-Deg
 - - Horizontal Distribution through 10-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	2.1	4.3	6.4	8.5	10.6	12.7	15.5	18.5	21.6	24.9
85°	0.0	4.3	8.5	12.8	17.0	21.2	25.4	30.9	36.9	43.2	49.7
82.5°	0.0	6.4	12.8	19.2	25.5	31.8	38.0	46.3	56.3	71.0	84.9
80°	0.0	8.5	17.0	25.5	33.9	42.3	52.4	72.2	91.2	109.2	126.1
77.5°	0.0	10.6	21.2	31.8	42.3	57.1	79.9	103.5	126.0	147.2	170.0
75°	0.0	12.7	25.4	38.0	52.4	79.9	107.1	134.5	161.3	192.3	222.7
72.5°	0.0	14.8	29.5	44.2	70.4	102.4	134.1	166.9	203.4	239.4	274.8
70°	0.0	16.8	33.5	51.6	88.3	124.6	161.3	203.4	245.0	286.1	329.2
67.5°	0.0	18.8	37.5	64.8	105.8	146.5	192.0	239.4	286.1	334.3	383.3
65°	0.0	20.7	41.5	77.8	123.0	169.6	222.0	274.8	327.5	381.4	438.5
62.5°	0.0	22.7	45.3	90.4	139.9	193.8	251.3	309.7	367.9	428.8	497.8
60°	0.0	24.5	49.1	102.9	156.5	217.3	279.9	343.8	407.3	480.2	555.4
57.5°	0.0	26.4	57.0	115.0	174.5	240.1	308.5	376.9	450.1	530.2	609.8
55°	0.0	28.2	64.7	126.7	192.0	262.2	336.5	409.3	492.7	578.2	662.0
52.5°	0.0	29.9	72.1	138.1	208.9	283.9	363.9	444.9	533.8	623.9	712.7
50°	0.0	31.6	79.2	149.2	225.2	306.2	390.6	479.7	573.2	668.0	761.8
47.5°	0.0	33.2	86.1	160.1	240.9	327.9	416.8	513.1	611.0	710.6	809.3
45°	0.0	34.7	92.6	171.3	255.8	348.8	444.0	544.9	647.6	751.6	854.9
42.5°	0.0	36.2	98.8	182.0	270.0	368.9	470.0	575.2	682.3	790.8	898.0
40°	0.0	37.6	104.7	191.8	284.5	388.2	494.5	603.9	715.4	828.3	939.5
37.5°	0.0	38.9	110.2	201.0	299.2	406.7	517.7	630.9	747.4	864.5	979.4
35°	0.0	40.2	115.4	209.6	313.1	424.7	539.4	656.1	777.9	898.4	1016.5
32.5°	0.0	41.4	120.2	217.7	326.2	441.7	559.7	679.5	806.8	929.8	1049.3
30°	0.0	42.5	124.6	225.2	338.5	457.4	578.4	701.6	834.1	958.9	1079.8
27.5°	0.0	43.5	128.7	232.1	349.4	472.0	595.5	723.4	858.9	985.4	1108.0
25°	0.0	44.5	132.3	238.3	359.3	485.2	611.1	743.5	880.5	1008.8	1133.8
22.5°	0.0	45.4	135.6	244.0	368.3	497.0	625.1	762.0	899.9	1029.6	1157.1
20°	0.0	46.1	138.5	249.0	376.3	507.0	637.5	778.6	917.0	1048.2	1178.0
17.5°	0.0	46.8	141.0	253.4	383.2	515.8	648.7	793.4	931.9	1064.4	1196.2
15°	0.0	47.4	143.1	257.1	389.2	523.2	658.8	806.6	944.5	1078.3	1211.9
12.5°	0.0	47.9	144.8	260.2	394.1	529.4	667.5	818.4	955.7	1089.8	1224.8
10°	0.0	48.4	146.1	262.6	398.0	534.3	674.7	828.0	965.5	1100.7	1235.8
7.5°	0.0	48.7	147.0	264.3	400.8	537.9	680.5	835.6	973.1	1109.3	1245.5
5°	0.0	48.9	147.5	265.3	402.6	540.1	684.6	841.0	978.5	1115.5	1252.5
2.5°	0.0	49.1	147.6	265.7	403.3	541.0	687.1	844.2	981.8	1119.3	1256.7
0°	0.0	49.1	147.4	265.4	403.0	540.6	688.0	845.3	982.9	1120.5	1258.1
-2.5°	0.0	49.1	147.6	265.7	403.3	541.0	687.1	844.2	981.8	1119.3	1256.7
-5°	0.0	48.9	147.5	265.3	402.6	540.1	684.6	841.0	978.5	1115.5	1252.5
-7.5°	0.0	48.7	147.0	264.3	400.8	537.9	680.5	835.6	973.1	1109.3	1245.5
-10°	0.0	48.4	146.1	262.6	398.0	534.3	674.7	828.0	965.5	1100.7	1235.8
-12.5°	0.0	47.9	144.8	260.2	394.1	529.4	667.5	818.4	955.7	1089.8	1224.8
-15°	0.0	47.4	143.1	257.1	389.2	523.2	658.8	806.6	944.5	1078.3	1211.9
-17.5°	0.0	46.8	141.0	253.4	383.2	515.8	648.7	793.4	931.9	1064.4	1196.2
-20°	0.0	46.1	138.5	249.0	376.3	507.0	637.5	778.6	917.0	1048.2	1178.0

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA6D-750-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	45.4	135.6	244.0	368.3	497.0	625.1	762.0	899.9	1029.6	1157.1
-25°	0.0	44.5	132.3	238.3	359.3	485.2	611.1	743.5	880.5	1008.8	1133.8
-27.5°	0.0	43.5	128.7	232.1	349.4	472.0	595.5	723.4	858.9	985.4	1108.0
-30°	0.0	42.5	124.6	225.2	338.5	457.4	578.4	701.6	834.1	958.9	1079.8
-32.5°	0.0	41.4	120.2	217.7	326.2	441.7	559.7	679.5	806.8	929.8	1049.3
-35°	0.0	40.2	115.4	209.6	313.1	424.7	539.4	656.1	777.9	898.4	1016.5
-37.5°	0.0	38.9	110.2	201.0	299.2	406.7	517.7	630.9	747.4	864.5	979.4
-40°	0.0	37.6	104.7	191.8	284.5	388.2	494.5	603.9	715.4	828.3	939.5
-42.5°	0.0	36.2	98.8	182.0	270.0	368.9	470.0	575.2	682.3	790.8	898.0
-45°	0.0	34.7	92.6	171.3	255.8	348.8	444.0	544.9	647.6	751.6	854.9
-47.5°	0.0	33.2	86.1	160.1	240.9	327.9	416.8	513.1	611.0	710.6	809.3
-50°	0.0	31.6	79.2	149.2	225.2	306.2	390.6	479.7	573.2	668.0	761.8
-52.5°	0.0	29.9	72.1	138.1	208.9	283.9	363.9	444.9	533.8	623.9	712.7
-55°	0.0	28.2	64.7	126.7	192.0	262.2	336.5	409.3	492.7	578.2	662.0
-57.5°	0.0	26.4	57.0	115.0	174.5	240.1	308.5	376.9	450.1	530.2	609.8
-60°	0.0	24.5	49.1	102.9	156.5	217.3	279.9	343.8	407.3	480.2	555.4
-62.5°	0.0	22.7	45.3	90.4	139.9	193.8	251.3	309.7	367.9	428.8	497.8
-65°	0.0	20.7	41.5	77.8	123.0	169.6	222.0	274.8	327.5	381.4	438.5
-67.5°	0.0	18.8	37.5	64.8	105.8	146.5	192.0	239.4	286.1	334.3	383.3
-70°	0.0	16.8	33.5	51.6	88.3	124.6	161.3	203.4	245.0	286.1	329.2
-72.5°	0.0	14.8	29.5	44.2	70.4	102.4	134.1	166.9	203.4	239.4	274.8
-75°	0.0	12.7	25.4	38.0	52.4	79.9	107.1	134.5	161.3	192.3	222.7
-77.5°	0.0	10.6	21.2	31.8	42.3	57.1	79.9	103.5	126.0	147.2	170.0
-80°	0.0	8.5	17.0	25.5	33.9	42.3	52.4	72.2	91.2	109.2	126.1
-82.5°	0.0	6.4	12.8	19.2	25.5	31.8	38.0	46.3	56.3	71.0	84.9
-85°	0.0	4.3	8.5	12.8	17.0	21.2	25.4	30.9	36.9	43.2	49.7
-87.5°	0.0	2.1	4.3	6.4	8.5	10.6	12.7	15.5	18.5	21.6	24.9
-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-SA6D-750-U-MWR-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°	27.2	29.5	31.7	33.8	35.9	37.9	39.9	41.7	43.5	45.2	46.8
85°	54.4	58.9	66.8	74.8	82.4	89.8	96.9	103.7	110.2	116.4	122.3
82.5°	97.4	110.2	123.2	136.4	148.0	159.0	169.9	181.0	192.2	203.3	214.3
80°	143.3	161.0	181.3	200.6	217.5	233.5	249.0	263.9	280.1	297.5	315.0
77.5°	196.2	221.5	245.2	267.5	288.9	312.4	335.0	356.8	379.4	401.8	423.2
75°	252.9	281.8	312.2	342.1	371.2	399.4	426.8	454.9	483.2	511.3	538.1
72.5°	311.5	348.2	384.0	418.9	455.0	490.2	524.2	556.9	590.7	625.1	658.1
70°	372.4	414.2	458.4	501.0	541.6	582.7	624.2	664.2	703.3	743.2	782.8
67.5°	433.8	486.3	536.0	583.3	631.2	679.6	726.3	774.2	820.4	866.9	911.3
65°	501.4	558.7	613.1	667.3	721.6	778.4	833.7	887.0	940.7	992.6	1039.3
62.5°	567.6	628.6	688.8	750.4	815.2	878.9	939.3	1000.5	1062.8	1117.2	1164.5
60°	628.5	696.3	763.6	833.8	905.4	973.9	1041.6	1108.2	1175.2	1237.7	1276.3
57.5°	687.4	762.3	836.9	912.5	987.9	1064.4	1135.5	1208.7	1271.0	1323.7	1368.4
55°	744.7	826.0	905.5	984.8	1066.3	1146.2	1223.6	1293.1	1353.9	1397.9	1441.1
52.5°	800.5	886.2	968.3	1054.1	1140.6	1225.5	1306.3	1370.8	1420.7	1465.6	1505.9
50°	854.6	941.8	1028.4	1121.4	1212.9	1302.6	1378.6	1435.0	1485.8	1529.5	1571.9
47.5°	905.2	996.1	1088.7	1186.5	1282.8	1369.5	1439.3	1498.4	1550.2	1597.5	1647.5
45°	954.0	1050.4	1148.3	1249.3	1347.6	1431.4	1498.7	1562.3	1610.9	1664.2	1721.5
42.5°	1001.4	1102.6	1205.3	1309.5	1408.8	1487.1	1554.3	1612.7	1669.8	1732.9	1802.2
40°	1046.4	1151.9	1259.0	1367.5	1466.5	1535.9	1601.8	1663.6	1732.9	1807.9	1888.2
37.5°	1088.6	1198.2	1309.4	1422.0	1508.9	1580.5	1647.9	1716.9	1797.4	1884.4	1993.3
35°	1128.1	1241.3	1356.2	1464.3	1547.0	1622.9	1692.6	1769.5	1863.7	1977.3	2116.8
32.5°	1164.6	1281.1	1399.4	1498.7	1582.1	1660.9	1732.6	1828.5	1941.6	2076.8	2274.3
30°	1198.3	1317.6	1436.3	1532.4	1613.7	1692.8	1780.1	1888.1	2020.4	2217.9	2470.5
27.5°	1229.6	1350.7	1465.3	1560.4	1641.9	1723.5	1825.6	1956.6	2130.8	2366.4	2680.5
25°	1258.3	1382.4	1493.0	1583.8	1668.2	1758.6	1869.6	2016.8	2245.8	2550.1	2974.6
22.5°	1284.3	1411.0	1519.6	1604.1	1692.7	1790.7	1920.2	2104.4	2368.4	2723.7	3271.2
20°	1307.5	1432.6	1539.5	1623.3	1715.3	1817.2	1965.2	2187.3	2505.8	2965.9	3664.8
17.5°	1327.9	1451.6	1554.4	1641.8	1737.4	1847.2	2009.1	2259.2	2627.8	3177.2	4062.7
15°	1345.3	1467.7	1567.0	1657.5	1756.7	1881.7	2070.1	2353.2	2769.6	3397.0	4409.4
12.5°	1359.8	1481.0	1577.3	1670.4	1772.5	1910.5	2122.4	2441.8	2916.8	3667.0	4920.4
10°	1371.2	1491.5	1585.2	1680.4	1784.9	1933.6	2164.9	2514.3	3038.8	3900.8	5356.3
7.5°	1381.8	1499.2	1590.7	1687.5	1793.8	1950.7	2197.2	2570.2	3132.3	4084.5	5701.3
5°	1389.6	1503.8	1593.7	1691.5	1801.2	1962.0	2219.1	2609.0	3196.9	4215.8	5944.1
2.5°	1394.2	1505.3	1594.2	1692.6	1806.7	1967.0	2230.4	2630.4	3247.6	4277.9	6074.5
0°	1395.8	1503.9	1592.3	1690.6	1808.6	1965.8	2231.2	2634.2	3273.1	4275.7	6094.1
-2.5°	1394.2	1505.3	1594.2	1692.6	1806.7	1967.0	2230.4	2630.4	3247.6	4277.9	6074.5
-5°	1389.6	1503.8	1593.7	1691.5	1801.2	1962.0	2219.1	2609.0	3196.9	4215.8	5944.1
-7.5°	1381.8	1499.2	1590.7	1687.5	1793.8	1950.7	2197.2	2570.2	3132.3	4084.5	5701.3
-10°	1371.2	1491.5	1585.2	1680.4	1784.9	1933.6	2164.9	2514.3	3038.8	3900.8	5356.3
-12.5°	1359.8	1481.0	1577.3	1670.4	1772.5	1910.5	2122.4	2441.8	2916.8	3667.0	4920.4
-15°	1345.3	1467.7	1567.0	1657.5	1756.7	1881.7	2070.1	2353.2	2769.6	3397.0	4409.4
-17.5°	1327.9	1451.6	1554.4	1641.8	1737.4	1847.2	2009.1	2259.2	2627.8	3177.2	4062.7
-20°	1307.5	1432.6	1539.5	1623.3	1715.3	1817.2	1965.2	2187.3	2505.8	2965.9	3664.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627957 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-750-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1284.3	1411.0	1519.6	1604.1	1692.7	1790.7	1920.2	2104.4	2368.4	2723.7	3271.2
-25°	1258.3	1382.4	1493.0	1583.8	1668.2	1758.6	1869.6	2016.8	2245.8	2550.1	2974.6
-27.5°	1229.6	1350.7	1465.3	1560.4	1641.9	1723.5	1825.6	1956.6	2130.8	2366.4	2680.5
-30°	1198.3	1317.6	1436.3	1532.4	1613.7	1692.8	1780.1	1888.1	2020.4	2217.9	2470.5
-32.5°	1164.6	1281.1	1399.4	1498.7	1582.1	1660.9	1732.6	1828.5	1941.6	2076.8	2274.3
-35°	1128.1	1241.3	1356.2	1464.3	1547.0	1622.9	1692.6	1769.5	1863.7	1977.3	2116.8
-37.5°	1088.6	1198.2	1309.4	1422.0	1508.9	1580.5	1647.9	1716.9	1797.4	1884.4	1993.3
-40°	1046.4	1151.9	1259.0	1367.5	1466.5	1535.9	1601.8	1663.6	1732.9	1807.9	1888.2
-42.5°	1001.4	1102.6	1205.3	1309.5	1408.8	1487.1	1554.3	1612.7	1669.8	1732.9	1802.2
-45°	954.0	1050.4	1148.3	1249.3	1347.6	1431.4	1498.7	1562.3	1610.9	1664.2	1721.5
-47.5°	905.2	996.1	1088.7	1186.5	1282.8	1369.5	1439.3	1498.4	1550.2	1597.5	1647.5
-50°	854.6	941.8	1028.4	1121.4	1212.9	1302.6	1378.6	1435.0	1485.8	1529.5	1571.9
-52.5°	800.5	886.2	968.3	1054.1	1140.6	1225.5	1306.3	1370.8	1420.7	1465.6	1505.9
-55°	744.7	826.0	905.5	984.8	1066.3	1146.2	1223.6	1293.1	1353.9	1397.9	1441.1
-57.5°	687.4	762.3	836.9	912.5	987.9	1064.4	1135.5	1208.7	1271.0	1323.7	1368.4
-60°	628.5	696.3	763.6	833.8	905.4	973.9	1041.6	1108.2	1175.2	1237.7	1276.3
-62.5°	567.6	628.6	688.8	750.4	815.2	878.9	939.3	1000.5	1062.8	1117.2	1164.5
-65°	501.4	558.7	613.1	667.3	721.6	778.4	833.7	887.0	940.7	992.6	1039.3
-67.5°	433.8	486.3	536.0	583.3	631.2	679.6	726.3	774.2	820.4	866.9	911.3
-70°	372.4	414.2	458.4	501.0	541.6	582.7	624.2	664.2	703.3	743.2	782.8
-72.5°	311.5	348.2	384.0	418.9	455.0	490.2	524.2	556.9	590.7	625.1	658.1
-75°	252.9	281.8	312.2	342.1	371.2	399.4	426.8	454.9	483.2	511.3	538.1
-77.5°	196.2	221.5	245.2	267.5	288.9	312.4	335.0	356.8	379.4	401.8	423.2
-80°	143.3	161.0	181.3	200.6	217.5	233.5	249.0	263.9	280.1	297.5	315.0
-82.5°	97.4	110.2	123.2	136.4	148.0	159.0	169.9	181.0	192.2	203.3	214.3
-85°	54.4	58.9	66.8	74.8	82.4	89.8	96.9	103.7	110.2	116.4	122.3
-87.5°	27.2	29.5	31.7	33.8	35.9	37.9	39.9	41.7	43.5	45.2	46.8
-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: P627957 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-750-U-MWR-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°	48.3	47.7	46.8	45.8	44.5	47.6	50.8	53.9	57.0	55.2	53.2
85°	127.9	130.8	133.3	135.3	137.1	143.2	149.1	154.6	159.7	159.6	158.9
82.5°	225.2	232.3	238.6	244.2	249.1	256.2	262.6	268.2	272.9	276.4	279.4
80°	331.8	343.5	353.6	362.7	371.0	380.4	389.2	397.0	403.7	407.4	409.7
77.5°	444.4	461.6	477.0	491.6	505.5	519.2	531.8	543.0	552.7	555.0	554.4
75°	563.7	586.7	608.4	628.5	647.0	662.9	676.4	687.7	697.0	701.6	704.1
72.5°	689.4	717.8	743.3	766.2	785.9	802.3	816.5	828.8	839.2	845.8	849.7
70°	820.4	854.0	880.2	901.8	918.7	934.9	953.3	970.7	987.1	996.3	999.8
67.5°	951.9	986.7	1010.7	1030.3	1045.8	1061.8	1084.9	1105.7	1124.2	1136.6	1144.5
65°	1080.5	1117.2	1141.2	1160.1	1174.2	1190.3	1216.1	1236.7	1252.4	1264.9	1276.1
62.5°	1207.6	1244.6	1271.4	1293.7	1314.4	1332.1	1353.3	1370.6	1384.0	1396.3	1410.2
60°	1317.7	1361.6	1389.7	1412.4	1438.0	1465.7	1481.2	1494.2	1505.4	1515.3	1523.9
57.5°	1407.7	1446.8	1482.9	1510.3	1536.9	1562.5	1580.9	1593.1	1602.9	1610.3	1613.2
55°	1483.0	1523.4	1563.7	1593.3	1619.4	1643.4	1663.6	1679.4	1692.6	1702.9	1705.4
52.5°	1550.5	1595.8	1635.4	1669.4	1704.1	1732.4	1754.5	1776.1	1794.9	1810.1	1816.6
50°	1623.8	1671.3	1720.7	1766.4	1803.2	1835.6	1862.4	1892.9	1925.0	1951.5	1968.2
47.5°	1701.0	1755.7	1815.4	1871.7	1915.3	1963.2	2007.8	2053.1	2112.7	2162.8	2200.0
45°	1781.7	1852.0	1920.0	1991.6	2051.8	2142.2	2226.0	2298.0	2393.6	2480.4	2549.4
42.5°	1877.0	1964.6	2048.1	2162.7	2282.7	2406.0	2539.2	2652.9	2802.5	2954.7	3077.7
40°	1990.0	2101.8	2248.9	2402.8	2592.2	2761.8	2991.8	3196.8	3426.3	3716.5	3956.2
37.5°	2126.0	2298.2	2502.8	2717.3	3012.7	3294.8	3675.1	4075.9	4439.5	4997.6	5467.2
35°	2302.6	2543.4	2812.8	3192.4	3610.4	4139.2	4732.4	5506.4	6170.1	7111.7	8011.4
32.5°	2530.1	2839.7	3279.7	3865.7	4483.6	5443.6	6384.8	7728.8	8973.3	10465.5	12076.1
30°	2783.3	3254.6	3926.7	4730.5	5883.1	7295.4	8954.7	11018.8	13277.8	15375.2	17442.0
27.5°	3150.3	3825.4	4708.5	6005.4	7801.7	9777.7	12685.0	15486.9	18410.2	21008.8	23176.0
25°	3578.8	4471.0	5836.4	7746.2	10175.5	13559.1	17039.2	20497.3	23641.2	26361.7	28756.3
22.5°	4132.1	5415.2	7235.5	9709.2	13492.2	17547.6	21628.5	25442.9	28796.4	31825.8	34417.9
20°	4733.9	6339.6	8939.0	12627.8	16953.9	21574.1	26182.0	30245.1	33937.6	37372.5	40294.0
17.5°	5496.7	7745.3	11037.1	15462.2	20463.9	25526.0	30366.7	34776.0	38965.3	42600.0	45652.5
15°	6146.8	8983.3	13279.6	18469.4	23879.3	29219.2	34329.7	39119.2	43474.7	47204.0	50073.6
12.5°	7013.8	10370.8	15270.6	21054.5	26917.0	32535.7	37918.8	42869.0	47301.4	50989.7	53223.6
10°	7833.4	11807.3	17194.9	23226.7	29317.5	35304.0	41051.6	46128.5	50243.8	53177.7	55081.5
7.5°	8530.3	13041.9	18760.2	24982.5	31224.6	37483.5	43301.6	48241.3	52035.8	54486.0	55811.3
5°	9050.6	13964.8	19922.1	26409.2	32814.5	39183.3	44956.0	49593.2	52872.7	54693.0	55358.4
2.5°	9382.2	14506.7	20596.4	27345.3	33878.6	40258.9	46090.8	50655.3	53437.8	54644.3	54758.9
0°	9514.7	14576.8	20700.4	27836.4	34146.8	40565.2	46413.6	51092.4	53648.0	54640.7	54621.1
-2.5°	9382.2	14506.7	20596.4	27345.3	33878.6	40258.9	46090.8	50655.3	53437.8	54644.3	54758.9
-5°	9050.6	13964.8	19922.1	26409.2	32814.5	39183.3	44956.0	49593.2	52872.7	54693.0	55358.4
-7.5°	8530.3	13041.9	18760.2	24982.5	31224.6	37483.5	43301.6	48241.3	52035.8	54486.0	55811.3
-10°	7833.4	11807.3	17194.9	23226.7	29317.5	35304.0	41051.6	46128.5	50243.8	53177.7	55081.5
-12.5°	7013.8	10370.8	15270.6	21054.5	26917.0	32535.7	37918.8	42869.0	47301.4	50989.7	53223.6
-15°	6146.8	8983.3	13279.6	18469.4	23879.3	29219.2	34329.7	39119.2	43474.7	47204.0	50073.6
-17.5°	5496.7	7745.3	11037.1	15462.2	20463.9	25526.0	30366.7	34776.0	38965.3	42600.0	45652.5
-20°	4733.9	6339.6	8939.0	12627.8	16953.9	21574.1	26182.0	30245.1	33937.6	37372.5	40294.0

Classified

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Scaled Data Report



REPORT NUMBER: P627957 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-750-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4132.1	5415.2	7235.5	9709.2	13492.2	17547.6	21628.5	25442.9	28796.4	31825.8	34417.9
-25°	3578.8	4471.0	5836.4	7746.2	10175.5	13559.1	17039.2	20497.3	23641.2	26361.7	28756.3
-27.5°	3150.3	3825.4	4708.5	6005.4	7801.7	9777.7	12685.0	15486.9	18410.2	21008.8	23176.0
-30°	2783.3	3254.6	3926.7	4730.5	5883.1	7295.4	8954.7	11018.8	13277.8	15375.2	17442.0
-32.5°	2530.1	2839.7	3279.7	3865.7	4483.6	5443.6	6384.8	7728.8	8973.3	10465.5	12076.1
-35°	2302.6	2543.4	2812.8	3192.4	3610.4	4139.2	4732.4	5506.4	6170.1	7111.7	8011.4
-37.5°	2126.0	2298.2	2502.8	2717.3	3012.7	3294.8	3675.1	4075.9	4439.5	4997.6	5467.2
-40°	1990.0	2101.8	2248.9	2402.8	2592.2	2761.8	2991.8	3196.8	3426.3	3716.5	3956.2
-42.5°	1877.0	1964.6	2048.1	2162.7	2282.7	2406.0	2539.2	2652.9	2802.5	2954.7	3077.7
-45°	1781.7	1852.0	1920.0	1991.6	2051.8	2142.2	2226.0	2298.0	2393.6	2480.4	2549.4
-47.5°	1701.0	1755.7	1815.4	1871.7	1915.3	1963.2	2007.8	2053.1	2112.7	2162.8	2200.0
-50°	1623.8	1671.3	1720.7	1766.4	1803.2	1835.6	1862.4	1892.9	1925.0	1951.5	1968.2
-52.5°	1550.5	1595.8	1635.4	1669.4	1704.1	1732.4	1754.5	1776.1	1794.9	1810.1	1816.6
-55°	1483.0	1523.4	1563.7	1593.3	1619.4	1643.4	1663.6	1679.4	1692.6	1702.9	1705.4
-57.5°	1407.7	1446.8	1482.9	1510.3	1536.9	1562.5	1580.9	1593.1	1602.9	1610.3	1613.2
-60°	1317.7	1361.6	1389.7	1412.4	1438.0	1465.7	1481.2	1494.2	1505.4	1515.3	1523.9
-62.5°	1207.6	1244.6	1271.4	1293.7	1314.4	1332.1	1353.3	1370.6	1384.0	1396.3	1410.2
-65°	1080.5	1117.2	1141.2	1160.1	1174.2	1190.3	1216.1	1236.7	1252.4	1264.9	1276.1
-67.5°	951.9	986.7	1010.7	1030.3	1045.8	1061.8	1084.9	1105.7	1124.2	1136.6	1144.5
-70°	820.4	854.0	880.2	901.8	918.7	934.9	953.3	970.7	987.1	996.3	999.8
-72.5°	689.4	717.8	743.3	766.2	785.9	802.3	816.5	828.8	839.2	845.8	849.7
-75°	563.7	586.7	608.4	628.5	647.0	662.9	676.4	687.7	697.0	701.6	704.1
-77.5°	444.4	461.6	477.0	491.6	505.5	519.2	531.8	543.0	552.7	555.0	554.4
-80°	331.8	343.5	353.6	362.7	371.0	380.4	389.2	397.0	403.7	407.4	409.7
-82.5°	225.2	232.3	238.6	244.2	249.1	256.2	262.6	268.2	272.9	276.4	279.4
-85°	127.9	130.8	133.3	135.3	137.1	143.2	149.1	154.6	159.7	159.6	158.9
-87.5°	48.3	47.7	46.8	45.8	44.5	47.6	50.8	53.9	57.0	55.2	53.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627957 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-750-U-MWR-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°	51.1	48.9	49.1	49.1	49.1	48.9	51.1	53.2	55.2	57.0	53.9
85°	157.9	156.5	152.2	147.4	152.2	156.5	157.9	158.9	159.6	159.7	154.6
82.5°	281.8	283.5	279.8	275.2	279.8	283.5	281.8	279.4	276.4	272.9	268.2
80°	410.9	410.9	407.5	403.0	407.5	410.9	410.9	409.7	407.4	403.7	397.0
77.5°	552.1	548.1	549.7	550.4	549.7	548.1	552.1	554.4	555.0	552.7	543.0
75°	705.0	704.4	702.1	697.9	702.1	704.4	705.0	704.1	701.6	697.0	687.7
72.5°	851.6	851.5	849.4	845.3	849.4	851.5	851.6	849.7	845.8	839.2	828.8
70°	1000.6	998.9	1001.4	1002.6	1001.4	998.9	1000.6	999.8	996.3	987.1	970.7
67.5°	1150.6	1154.6	1153.9	1150.0	1153.9	1154.6	1150.6	1144.5	1136.6	1124.2	1105.7
65°	1285.2	1291.9	1296.1	1297.5	1296.1	1291.9	1285.2	1276.1	1264.9	1252.4	1236.7
62.5°	1421.1	1428.9	1429.3	1425.2	1429.3	1428.9	1421.1	1410.2	1396.3	1384.0	1370.6
60°	1528.6	1529.9	1528.0	1523.5	1528.0	1529.9	1528.6	1523.9	1515.3	1505.4	1494.2
57.5°	1613.1	1610.3	1606.9	1602.2	1606.9	1610.3	1613.1	1613.2	1610.3	1602.9	1593.1
55°	1704.1	1699.3	1695.3	1690.6	1695.3	1699.3	1704.1	1705.4	1702.9	1692.6	1679.4
52.5°	1818.1	1815.6	1812.8	1808.6	1812.8	1815.6	1818.1	1816.6	1810.1	1794.9	1776.1
50°	1976.8	1979.2	1979.0	1975.7	1979.0	1979.2	1976.8	1968.2	1951.5	1925.0	1892.9
47.5°	2223.5	2236.7	2245.5	2250.9	2245.5	2236.7	2223.5	2200.0	2162.8	2112.7	2053.1
45°	2593.5	2619.8	2638.3	2653.9	2638.3	2619.8	2593.5	2549.4	2480.4	2393.6	2298.0
42.5°	3164.2	3223.0	3250.7	3243.6	3250.7	3223.0	3164.2	3077.7	2954.7	2802.5	2652.9
40°	4115.9	4210.8	4263.3	4305.2	4263.3	4210.8	4115.9	3956.2	3716.5	3426.3	3196.8
37.5°	5787.7	5971.8	6068.8	6153.1	6068.8	5971.8	5787.7	5467.2	4997.6	4439.5	4075.9
35°	8683.7	9097.8	9319.6	9396.7	9319.6	9097.8	8683.7	8011.4	7111.7	6170.1	5506.4
32.5°	13329.3	14093.3	14515.7	14842.1	14515.7	14093.3	13329.3	12076.1	10465.5	8973.3	7728.8
30°	19078.6	20084.9	20643.8	20916.6	20643.8	20084.9	19078.6	17442.0	15375.2	13277.8	11018.8
27.5°	24972.4	26116.4	26718.9	26686.4	26718.9	26116.4	24972.4	23176.0	21008.8	18410.2	15486.9
25°	30809.2	32134.2	32734.6	33272.0	32734.6	32134.2	30809.2	28756.3	26361.7	23641.2	20497.3
22.5°	36712.5	38261.8	39107.2	39503.7	39107.2	38261.8	36712.5	34417.9	31825.8	28796.4	25442.9
20°	42545.4	44270.2	45167.7	45558.5	45167.7	44270.2	42545.4	40294.0	37372.5	33937.6	30245.1
17.5°	47718.7	49402.4	50258.0	50620.6	50258.0	49402.4	47718.7	45652.5	42600.0	38965.3	34776.0
15°	51849.5	53091.4	53818.9	54011.6	53818.9	53091.4	51849.5	50073.6	47204.0	43474.7	39119.2
12.5°	54704.9	55186.0	55535.9	55643.3	55535.9	55186.0	54704.9	53223.6	50989.7	47301.4	42869.0
10°	56164.7	55947.7	55858.0	55869.4	55858.0	55947.7	56164.7	55081.5	53177.7	50243.8	46128.5
7.5°	56064.3	55742.9	55097.4	54994.6	55097.4	55742.9	56064.3	55811.3	54486.0	52035.8	48241.3
5°	55258.8	54673.6	53602.2	53294.1	53602.2	54673.6	55258.8	55358.4	54693.0	52872.7	49593.2
2.5°	54320.0	53265.0	52277.9	51642.8	52277.9	53265.0	54320.0	54758.9	54644.3	53437.8	50655.3
0°	54041.1	52822.3	51544.5	51131.7	51544.5	52822.3	54041.1	54621.1	54640.7	53648.0	51092.4
-2.5°	54320.0	53265.0	52277.9	51642.8	52277.9	53265.0	54320.0	54758.9	54644.3	53437.8	50655.3
-5°	55258.8	54673.6	53602.2	53294.1	53602.2	54673.6	55258.8	55358.4	54693.0	52872.7	49593.2
-7.5°	56064.3	55742.9	55097.4	54994.6	55097.4	55742.9	56064.3	55811.3	54486.0	52035.8	48241.3
-10°	56164.7	55947.7	55858.0	55869.4	55858.0	55947.7	56164.7	55081.5	53177.7	50243.8	46128.5
-12.5°	54704.9	55186.0	55535.9	55643.3	55535.9	55186.0	54704.9	53223.6	50989.7	47301.4	42869.0
-15°	51849.5	53091.4	53818.9	54011.6	53818.9	53091.4	51849.5	50073.6	47204.0	43474.7	39119.2
-17.5°	47718.7	49402.4	50258.0	50620.6	50258.0	49402.4	47718.7	45652.5	42600.0	38965.3	34776.0
-20°	42545.4	44270.2	45167.7	45558.5	45167.7	44270.2	42545.4	40294.0	37372.5	33937.6	30245.1



REPORT NUMBER: P627957 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-750-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	36712.5	38261.8	39107.2	39503.7	39107.2	38261.8	36712.5	34417.9	31825.8	28796.4	25442.9
-25°	30809.2	32134.2	32734.6	33272.0	32734.6	32134.2	30809.2	28756.3	26361.7	23641.2	20497.3
-27.5°	24972.4	26116.4	26718.9	26686.4	26718.9	26116.4	24972.4	23176.0	21008.8	18410.2	15486.9
-30°	19078.6	20084.9	20643.8	20916.6	20643.8	20084.9	19078.6	17442.0	15375.2	13277.8	11018.8
-32.5°	13329.3	14093.3	14515.7	14842.1	14515.7	14093.3	13329.3	12076.1	10465.5	8973.3	7728.8
-35°	8683.7	9097.8	9319.6	9396.7	9319.6	9097.8	8683.7	8011.4	7111.7	6170.1	5506.4
-37.5°	5787.7	5971.8	6068.8	6153.1	6068.8	5971.8	5787.7	5467.2	4997.6	4439.5	4075.9
-40°	4115.9	4210.8	4263.3	4305.2	4263.3	4210.8	4115.9	3956.2	3716.5	3426.3	3196.8
-42.5°	3164.2	3223.0	3250.7	3243.6	3250.7	3223.0	3164.2	3077.7	2954.7	2802.5	2652.9
-45°	2593.5	2619.8	2638.3	2653.9	2638.3	2619.8	2593.5	2549.4	2480.4	2393.6	2298.0
-47.5°	2223.5	2236.7	2245.5	2250.9	2245.5	2236.7	2223.5	2200.0	2162.8	2112.7	2053.1
-50°	1976.8	1979.2	1979.0	1975.7	1979.0	1979.2	1976.8	1968.2	1951.5	1925.0	1892.9
-52.5°	1818.1	1815.6	1812.8	1808.6	1812.8	1815.6	1818.1	1816.6	1810.1	1794.9	1776.1
-55°	1704.1	1699.3	1695.3	1690.6	1695.3	1699.3	1704.1	1705.4	1702.9	1692.6	1679.4
-57.5°	1613.1	1610.3	1606.9	1602.2	1606.9	1610.3	1613.1	1613.2	1610.3	1602.9	1593.1
-60°	1528.6	1529.9	1528.0	1523.5	1528.0	1529.9	1528.6	1523.9	1515.3	1505.4	1494.2
-62.5°	1421.1	1428.9	1429.3	1425.2	1429.3	1428.9	1421.1	1410.2	1396.3	1384.0	1370.6
-65°	1285.2	1291.9	1296.1	1297.5	1296.1	1291.9	1285.2	1276.1	1264.9	1252.4	1236.7
-67.5°	1150.6	1154.6	1153.9	1150.0	1153.9	1154.6	1150.6	1144.5	1136.6	1124.2	1105.7
-70°	1000.6	998.9	1001.4	1002.6	1001.4	998.9	1000.6	999.8	996.3	987.1	970.7
-72.5°	851.6	851.5	849.4	845.3	849.4	851.5	851.6	849.7	845.8	839.2	828.8
-75°	705.0	704.4	702.1	697.9	702.1	704.4	705.0	704.1	701.6	697.0	687.7
-77.5°	552.1	548.1	549.7	550.4	549.7	548.1	552.1	554.4	555.0	552.7	543.0
-80°	410.9	410.9	407.5	403.0	407.5	410.9	410.9	409.7	407.4	403.7	397.0
-82.5°	281.8	283.5	279.8	275.2	279.8	283.5	281.8	279.4	276.4	272.9	268.2
-85°	157.9	156.5	152.2	147.4	152.2	156.5	157.9	158.9	159.6	159.7	154.6
-87.5°	51.1	48.9	49.1	49.1	49.1	48.9	51.1	53.2	55.2	57.0	53.9
-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: P627957 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-750-U-MWR-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°	50.8	47.6	44.5	45.8	46.8	47.7	48.3	46.8	45.2	43.5	41.7
85°	149.1	143.2	137.1	135.3	133.3	130.8	127.9	122.3	116.4	110.2	103.7
82.5°	262.6	256.2	249.1	244.2	238.6	232.3	225.2	214.3	203.3	192.2	181.0
80°	389.2	380.4	371.0	362.7	353.6	343.5	331.8	315.0	297.5	280.1	263.9
77.5°	531.8	519.2	505.5	491.6	477.0	461.6	444.4	423.2	401.8	379.4	356.8
75°	676.4	662.9	647.0	628.5	608.4	586.7	563.7	538.1	511.3	483.2	454.9
72.5°	816.5	802.3	785.9	766.2	743.3	717.8	689.4	658.1	625.1	590.7	556.9
70°	953.3	934.9	918.7	901.8	880.2	854.0	820.4	782.8	743.2	703.3	664.2
67.5°	1084.9	1061.8	1045.8	1030.3	1010.7	986.7	951.9	911.3	866.9	820.4	774.2
65°	1216.1	1190.3	1174.2	1160.1	1141.2	1117.2	1080.5	1039.3	992.6	940.7	887.0
62.5°	1353.3	1332.1	1314.4	1293.7	1271.4	1244.6	1207.6	1164.5	1117.2	1062.8	1000.5
60°	1481.2	1465.7	1438.0	1412.4	1389.7	1361.6	1317.7	1276.3	1237.7	1175.2	1108.2
57.5°	1580.9	1562.5	1536.9	1510.3	1482.9	1446.8	1407.7	1368.4	1323.7	1271.0	1208.7
55°	1663.6	1643.4	1619.4	1593.3	1563.7	1523.4	1483.0	1441.1	1397.9	1353.9	1293.1
52.5°	1754.5	1732.4	1704.1	1669.4	1635.4	1595.8	1550.5	1505.9	1465.6	1420.7	1370.8
50°	1862.4	1835.6	1803.2	1766.4	1720.7	1671.3	1623.8	1571.9	1529.5	1485.8	1435.0
47.5°	2007.8	1963.2	1915.3	1871.7	1815.4	1755.7	1701.0	1647.5	1597.5	1550.2	1498.4
45°	2226.0	2142.2	2051.8	1991.6	1920.0	1852.0	1781.7	1721.5	1664.2	1610.9	1562.3
42.5°	2539.2	2406.0	2282.7	2162.7	2048.1	1964.6	1877.0	1802.2	1732.9	1669.8	1612.7
40°	2991.8	2761.8	2592.2	2402.8	2248.9	2101.8	1990.0	1888.2	1807.9	1732.9	1663.6
37.5°	3675.1	3294.8	3012.7	2717.3	2502.8	2298.2	2126.0	1993.3	1884.4	1797.4	1716.9
35°	4732.4	4139.2	3610.4	3192.4	2812.8	2543.4	2302.6	2116.8	1977.3	1863.7	1769.5
32.5°	6384.8	5443.6	4483.6	3865.7	3279.7	2839.7	2530.1	2274.3	2076.8	1941.6	1828.5
30°	8954.7	7295.4	5883.1	4730.5	3926.7	3254.6	2783.3	2470.5	2217.9	2020.4	1888.1
27.5°	12685.0	9777.7	7801.7	6005.4	4708.5	3825.4	3150.3	2680.5	2366.4	2130.8	1956.6
25°	17039.2	13559.1	10175.5	7746.2	5836.4	4471.0	3578.8	2974.6	2550.1	2245.8	2016.8
22.5°	21628.5	17547.6	13492.2	9709.2	7235.5	5415.2	4132.1	3271.2	2723.7	2368.4	2104.4
20°	26182.0	21574.1	16953.9	12627.8	8939.0	6339.6	4733.9	3664.8	2965.9	2505.8	2187.3
17.5°	30366.7	25526.0	20463.9	15462.2	11037.1	7745.3	5496.7	4062.7	3177.2	2627.8	2259.2
15°	34329.7	29219.2	23879.3	18469.4	13279.6	8983.3	6146.8	4409.4	3397.0	2769.6	2353.2
12.5°	37918.8	32535.7	26917.0	21054.5	15270.6	10370.8	7013.8	4920.4	3667.0	2916.8	2441.8
10°	41051.6	35304.0	29317.5	23226.7	17194.9	11807.3	7833.4	5356.3	3900.8	3038.8	2514.3
7.5°	43301.6	37483.5	31224.6	24982.5	18760.2	13041.9	8530.3	5701.3	4084.5	3132.3	2570.2
5°	44956.0	39183.3	32814.5	26409.2	19922.1	13964.8	9050.6	5944.1	4215.8	3196.9	2609.0
2.5°	46090.8	40258.9	33878.6	27345.3	20596.4	14506.7	9382.2	6074.5	4277.9	3247.6	2630.4
0°	46413.6	40565.2	34146.8	27836.4	20700.4	14576.8	9514.7	6094.1	4275.7	3273.1	2634.2
-2.5°	46090.8	40258.9	33878.6	27345.3	20596.4	14506.7	9382.2	6074.5	4277.9	3247.6	2630.4
-5°	44956.0	39183.3	32814.5	26409.2	19922.1	13964.8	9050.6	5944.1	4215.8	3196.9	2609.0
-7.5°	43301.6	37483.5	31224.6	24982.5	18760.2	13041.9	8530.3	5701.3	4084.5	3132.3	2570.2
-10°	41051.6	35304.0	29317.5	23226.7	17194.9	11807.3	7833.4	5356.3	3900.8	3038.8	2514.3
-12.5°	37918.8	32535.7	26917.0	21054.5	15270.6	10370.8	7013.8	4920.4	3667.0	2916.8	2441.8
-15°	34329.7	29219.2	23879.3	18469.4	13279.6	8983.3	6146.8	4409.4	3397.0	2769.6	2353.2
-17.5°	30366.7	25526.0	20463.9	15462.2	11037.1	7745.3	5496.7	4062.7	3177.2	2627.8	2259.2
-20°	26182.0	21574.1	16953.9	12627.8	8939.0	6339.6	4733.9	3664.8	2965.9	2505.8	2187.3



REPORT NUMBER: P627957 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-750-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	21628.5	17547.6	13492.2	9709.2	7235.5	5415.2	4132.1	3271.2	2723.7	2368.4	2104.4
-25°	17039.2	13559.1	10175.5	7746.2	5836.4	4471.0	3578.8	2974.6	2550.1	2245.8	2016.8
-27.5°	12685.0	9777.7	7801.7	6005.4	4708.5	3825.4	3150.3	2680.5	2366.4	2130.8	1956.6
-30°	8954.7	7295.4	5883.1	4730.5	3926.7	3254.6	2783.3	2470.5	2217.9	2020.4	1888.1
-32.5°	6384.8	5443.6	4483.6	3865.7	3279.7	2839.7	2530.1	2274.3	2076.8	1941.6	1828.5
-35°	4732.4	4139.2	3610.4	3192.4	2812.8	2543.4	2302.6	2116.8	1977.3	1863.7	1769.5
-37.5°	3675.1	3294.8	3012.7	2717.3	2502.8	2298.2	2126.0	1993.3	1884.4	1797.4	1716.9
-40°	2991.8	2761.8	2592.2	2402.8	2248.9	2101.8	1990.0	1888.2	1807.9	1732.9	1663.6
-42.5°	2539.2	2406.0	2282.7	2162.7	2048.1	1964.6	1877.0	1802.2	1732.9	1669.8	1612.7
-45°	2226.0	2142.2	2051.8	1991.6	1920.0	1852.0	1781.7	1721.5	1664.2	1610.9	1562.3
-47.5°	2007.8	1963.2	1915.3	1871.7	1815.4	1755.7	1701.0	1647.5	1597.5	1550.2	1498.4
-50°	1862.4	1835.6	1803.2	1766.4	1720.7	1671.3	1623.8	1571.9	1529.5	1485.8	1435.0
-52.5°	1754.5	1732.4	1704.1	1669.4	1635.4	1595.8	1550.5	1505.9	1465.6	1420.7	1370.8
-55°	1663.6	1643.4	1619.4	1593.3	1563.7	1523.4	1483.0	1441.1	1397.9	1353.9	1293.1
-57.5°	1580.9	1562.5	1536.9	1510.3	1482.9	1446.8	1407.7	1368.4	1323.7	1271.0	1208.7
-60°	1481.2	1465.7	1438.0	1412.4	1389.7	1361.6	1317.7	1276.3	1237.7	1175.2	1108.2
-62.5°	1353.3	1332.1	1314.4	1293.7	1271.4	1244.6	1207.6	1164.5	1117.2	1062.8	1000.5
-65°	1216.1	1190.3	1174.2	1160.1	1141.2	1117.2	1080.5	1039.3	992.6	940.7	887.0
-67.5°	1084.9	1061.8	1045.8	1030.3	1010.7	986.7	951.9	911.3	866.9	820.4	774.2
-70°	953.3	934.9	918.7	901.8	880.2	854.0	820.4	782.8	743.2	703.3	664.2
-72.5°	816.5	802.3	785.9	766.2	743.3	717.8	689.4	658.1	625.1	590.7	556.9
-75°	676.4	662.9	647.0	628.5	608.4	586.7	563.7	538.1	511.3	483.2	454.9
-77.5°	531.8	519.2	505.5	491.6	477.0	461.6	444.4	423.2	401.8	379.4	356.8
-80°	389.2	380.4	371.0	362.7	353.6	343.5	331.8	315.0	297.5	280.1	263.9
-82.5°	262.6	256.2	249.1	244.2	238.6	232.3	225.2	214.3	203.3	192.2	181.0
-85°	149.1	143.2	137.1	135.3	133.3	130.8	127.9	122.3	116.4	110.2	103.7
-87.5°	50.8	47.6	44.5	45.8	46.8	47.7	48.3	46.8	45.2	43.5	41.7
-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: P627957 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-750-U-MWR-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°	39.9	37.9	35.9	33.8	31.7	29.5	27.2	24.9	21.6	18.5	15.5
85°	96.9	89.8	82.4	74.8	66.8	58.9	54.4	49.7	43.2	36.9	30.9
82.5°	169.9	159.0	148.0	136.4	123.2	110.2	97.4	84.9	71.0	56.3	46.3
80°	249.0	233.5	217.5	200.6	181.3	161.0	143.3	126.1	109.2	91.2	72.2
77.5°	335.0	312.4	288.9	267.5	245.2	221.5	196.2	170.0	147.2	126.0	103.5
75°	426.8	399.4	371.2	342.1	312.2	281.8	252.9	222.7	192.3	161.3	134.5
72.5°	524.2	490.2	455.0	418.9	384.0	348.2	311.5	274.8	239.4	203.4	166.9
70°	624.2	582.7	541.6	501.0	458.4	414.2	372.4	329.2	286.1	245.0	203.4
67.5°	726.3	679.6	631.2	583.3	536.0	486.3	433.8	383.3	334.3	286.1	239.4
65°	833.7	778.4	721.6	667.3	613.1	558.7	501.4	438.5	381.4	327.5	274.8
62.5°	939.3	878.9	815.2	750.4	688.8	628.6	567.6	497.8	428.8	367.9	309.7
60°	1041.6	973.9	905.4	833.8	763.6	696.3	628.5	555.4	480.2	407.3	343.8
57.5°	1135.5	1064.4	987.9	912.5	836.9	762.3	687.4	609.8	530.2	450.1	376.9
55°	1223.6	1146.2	1066.3	984.8	905.5	826.0	744.7	662.0	578.2	492.7	409.3
52.5°	1306.3	1225.5	1140.6	1054.1	968.3	886.2	800.5	712.7	623.9	533.8	444.9
50°	1378.6	1302.6	1212.9	1121.4	1028.4	941.8	854.6	761.8	668.0	573.2	479.7
47.5°	1439.3	1369.5	1282.8	1186.5	1088.7	996.1	905.2	809.3	710.6	611.0	513.1
45°	1498.7	1431.4	1347.6	1249.3	1148.3	1050.4	954.0	854.9	751.6	647.6	544.9
42.5°	1554.3	1487.1	1408.8	1309.5	1205.3	1102.6	1001.4	898.0	790.8	682.3	575.2
40°	1601.8	1535.9	1466.5	1367.5	1259.0	1151.9	1046.4	939.5	828.3	715.4	603.9
37.5°	1647.9	1580.5	1508.9	1422.0	1309.4	1198.2	1088.6	979.4	864.5	747.4	630.9
35°	1692.6	1622.9	1547.0	1464.3	1356.2	1241.3	1128.1	1016.5	898.4	777.9	656.1
32.5°	1732.6	1660.9	1582.1	1498.7	1399.4	1281.1	1164.6	1049.3	929.8	806.8	679.5
30°	1780.1	1692.8	1613.7	1532.4	1436.3	1317.6	1198.3	1079.8	958.9	834.1	701.6
27.5°	1825.6	1723.5	1641.9	1560.4	1465.3	1350.7	1229.6	1108.0	985.4	858.9	723.4
25°	1869.6	1758.6	1668.2	1583.8	1493.0	1382.4	1258.3	1133.8	1008.8	880.5	743.5
22.5°	1920.2	1790.7	1692.7	1604.1	1519.6	1411.0	1284.3	1157.1	1029.6	899.9	762.0
20°	1965.2	1817.2	1715.3	1623.3	1539.5	1432.6	1307.5	1178.0	1048.2	917.0	778.6
17.5°	2009.1	1847.2	1737.4	1641.8	1554.4	1451.6	1327.9	1196.2	1064.4	931.9	793.4
15°	2070.1	1881.7	1756.7	1657.5	1567.0	1467.7	1345.3	1211.9	1078.3	944.5	806.6
12.5°	2122.4	1910.5	1772.5	1670.4	1577.3	1481.0	1359.8	1224.8	1089.8	955.7	818.4
10°	2164.9	1933.6	1784.9	1680.4	1585.2	1491.5	1371.2	1235.8	1100.7	965.5	828.0
7.5°	2197.2	1950.7	1793.8	1687.5	1590.7	1499.2	1381.8	1245.5	1109.3	973.1	835.6
5°	2219.1	1962.0	1801.2	1691.5	1593.7	1503.8	1389.6	1252.5	1115.5	978.5	841.0
2.5°	2230.4	1967.0	1806.7	1692.6	1594.2	1505.3	1394.2	1256.7	1119.3	981.8	844.2
0°	2231.2	1965.8	1808.6	1690.6	1592.3	1503.9	1395.8	1258.1	1120.5	982.9	845.3
-2.5°	2230.4	1967.0	1806.7	1692.6	1594.2	1505.3	1394.2	1256.7	1119.3	981.8	844.2
-5°	2219.1	1962.0	1801.2	1691.5	1593.7	1503.8	1389.6	1252.5	1115.5	978.5	841.0
-7.5°	2197.2	1950.7	1793.8	1687.5	1590.7	1499.2	1381.8	1245.5	1109.3	973.1	835.6
-10°	2164.9	1933.6	1784.9	1680.4	1585.2	1491.5	1371.2	1235.8	1100.7	965.5	828.0
-12.5°	2122.4	1910.5	1772.5	1670.4	1577.3	1481.0	1359.8	1224.8	1089.8	955.7	818.4
-15°	2070.1	1881.7	1756.7	1657.5	1567.0	1467.7	1345.3	1211.9	1078.3	944.5	806.6
-17.5°	2009.1	1847.2	1737.4	1641.8	1554.4	1451.6	1327.9	1196.2	1064.4	931.9	793.4
-20°	1965.2	1817.2	1715.3	1623.3	1539.5	1432.6	1307.5	1178.0	1048.2	917.0	778.6



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CATALOG NUMBER: GFLD-SA6D-750-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1920.2	1790.7	1692.7	1604.1	1519.6	1411.0	1284.3	1157.1	1029.6	899.9	762.0
-25°	1869.6	1758.6	1668.2	1583.8	1493.0	1382.4	1258.3	1133.8	1008.8	880.5	743.5
-27.5°	1825.6	1723.5	1641.9	1560.4	1465.3	1350.7	1229.6	1108.0	985.4	858.9	723.4
-30°	1780.1	1692.8	1613.7	1532.4	1436.3	1317.6	1198.3	1079.8	958.9	834.1	701.6
-32.5°	1732.6	1660.9	1582.1	1498.7	1399.4	1281.1	1164.6	1049.3	929.8	806.8	679.5
-35°	1692.6	1622.9	1547.0	1464.3	1356.2	1241.3	1128.1	1016.5	898.4	777.9	656.1
-37.5°	1647.9	1580.5	1508.9	1422.0	1309.4	1198.2	1088.6	979.4	864.5	747.4	630.9
-40°	1601.8	1535.9	1466.5	1367.5	1259.0	1151.9	1046.4	939.5	828.3	715.4	603.9
-42.5°	1554.3	1487.1	1408.8	1309.5	1205.3	1102.6	1001.4	898.0	790.8	682.3	575.2
-45°	1498.7	1431.4	1347.6	1249.3	1148.3	1050.4	954.0	854.9	751.6	647.6	544.9
-47.5°	1439.3	1369.5	1282.8	1186.5	1088.7	996.1	905.2	809.3	710.6	611.0	513.1
-50°	1378.6	1302.6	1212.9	1121.4	1028.4	941.8	854.6	761.8	668.0	573.2	479.7
-52.5°	1306.3	1225.5	1140.6	1054.1	968.3	886.2	800.5	712.7	623.9	533.8	444.9
-55°	1223.6	1146.2	1066.3	984.8	905.5	826.0	744.7	662.0	578.2	492.7	409.3
-57.5°	1135.5	1064.4	987.9	912.5	836.9	762.3	687.4	609.8	530.2	450.1	376.9
-60°	1041.6	973.9	905.4	833.8	763.6	696.3	628.5	555.4	480.2	407.3	343.8
-62.5°	939.3	878.9	815.2	750.4	688.8	628.6	567.6	497.8	428.8	367.9	309.7
-65°	833.7	778.4	721.6	667.3	613.1	558.7	501.4	438.5	381.4	327.5	274.8
-67.5°	726.3	679.6	631.2	583.3	536.0	486.3	433.8	383.3	334.3	286.1	239.4
-70°	624.2	582.7	541.6	501.0	458.4	414.2	372.4	329.2	286.1	245.0	203.4
-72.5°	524.2	490.2	455.0	418.9	384.0	348.2	311.5	274.8	239.4	203.4	166.9
-75°	426.8	399.4	371.2	342.1	312.2	281.8	252.9	222.7	192.3	161.3	134.5
-77.5°	335.0	312.4	288.9	267.5	245.2	221.5	196.2	170.0	147.2	126.0	103.5
-80°	249.0	233.5	217.5	200.6	181.3	161.0	143.3	126.1	109.2	91.2	72.2
-82.5°	169.9	159.0	148.0	136.4	123.2	110.2	97.4	84.9	71.0	56.3	46.3
-85°	96.9	89.8	82.4	74.8	66.8	58.9	54.4	49.7	43.2	36.9	30.9
-87.5°	39.9	37.9	35.9	33.8	31.7	29.5	27.2	24.9	21.6	18.5	15.5
-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: P627957 (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°	12.7	10.6	8.5	6.4	4.3	2.1	0.0
85°	25.4	21.2	17.0	12.8	8.5	4.3	0.0
82.5°	38.0	31.8	25.5	19.2	12.8	6.4	0.0
80°	52.4	42.3	33.9	25.5	17.0	8.5	0.0
77.5°	79.9	57.1	42.3	31.8	21.2	10.6	0.0
75°	107.1	79.9	52.4	38.0	25.4	12.7	0.0
72.5°	134.1	102.4	70.4	44.2	29.5	14.8	0.0
70°	161.3	124.6	88.3	51.6	33.5	16.8	0.0
67.5°	192.0	146.5	105.8	64.8	37.5	18.8	0.0
65°	222.0	169.6	123.0	77.8	41.5	20.7	0.0
62.5°	251.3	193.8	139.9	90.4	45.3	22.7	0.0
60°	279.9	217.3	156.5	102.9	49.1	24.5	0.0
57.5°	308.5	240.1	174.5	115.0	57.0	26.4	0.0
55°	336.5	262.2	192.0	126.7	64.7	28.2	0.0
52.5°	363.9	283.9	208.9	138.1	72.1	29.9	0.0
50°	390.6	306.2	225.2	149.2	79.2	31.6	0.0
47.5°	416.8	327.9	240.9	160.1	86.1	33.2	0.0
45°	444.0	348.8	255.8	171.3	92.6	34.7	0.0
42.5°	470.0	368.9	270.0	182.0	98.8	36.2	0.0
40°	494.5	388.2	284.5	191.8	104.7	37.6	0.0
37.5°	517.7	406.7	299.2	201.0	110.2	38.9	0.0
35°	539.4	424.7	313.1	209.6	115.4	40.2	0.0
32.5°	559.7	441.7	326.2	217.7	120.2	41.4	0.0
30°	578.4	457.4	338.5	225.2	124.6	42.5	0.0
27.5°	595.5	472.0	349.4	232.1	128.7	43.5	0.0
25°	611.1	485.2	359.3	238.3	132.3	44.5	0.0
22.5°	625.1	497.0	368.3	244.0	135.6	45.4	0.0
20°	637.5	507.0	376.3	249.0	138.5	46.1	0.0
17.5°	648.7	515.8	383.2	253.4	141.0	46.8	0.0
15°	658.8	523.2	389.2	257.1	143.1	47.4	0.0
12.5°	667.5	529.4	394.1	260.2	144.8	47.9	0.0
10°	674.7	534.3	398.0	262.6	146.1	48.4	0.0
7.5°	680.5	537.9	400.8	264.3	147.0	48.7	0.0
5°	684.6	540.1	402.6	265.3	147.5	48.9	0.0
2.5°	687.1	541.0	403.3	265.7	147.6	49.1	0.0
0°	688.0	540.6	403.0	265.4	147.4	49.1	0.0
-2.5°	687.1	541.0	403.3	265.7	147.6	49.1	0.0
-5°	684.6	540.1	402.6	265.3	147.5	48.9	0.0
-7.5°	680.5	537.9	400.8	264.3	147.0	48.7	0.0
-10°	674.7	534.3	398.0	262.6	146.1	48.4	0.0
-12.5°	667.5	529.4	394.1	260.2	144.8	47.9	0.0
-15°	658.8	523.2	389.2	257.1	143.1	47.4	0.0
-17.5°	648.7	515.8	383.2	253.4	141.0	46.8	0.0
-20°	637.5	507.0	376.3	249.0	138.5	46.1	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627957 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-750-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	625.1	497.0	368.3	244.0	135.6	45.4	0.0
-25°	611.1	485.2	359.3	238.3	132.3	44.5	0.0
-27.5°	595.5	472.0	349.4	232.1	128.7	43.5	0.0
-30°	578.4	457.4	338.5	225.2	124.6	42.5	0.0
-32.5°	559.7	441.7	326.2	217.7	120.2	41.4	0.0
-35°	539.4	424.7	313.1	209.6	115.4	40.2	0.0
-37.5°	517.7	406.7	299.2	201.0	110.2	38.9	0.0
-40°	494.5	388.2	284.5	191.8	104.7	37.6	0.0
-42.5°	470.0	368.9	270.0	182.0	98.8	36.2	0.0
-45°	444.0	348.8	255.8	171.3	92.6	34.7	0.0
-47.5°	416.8	327.9	240.9	160.1	86.1	33.2	0.0
-50°	390.6	306.2	225.2	149.2	79.2	31.6	0.0
-52.5°	363.9	283.9	208.9	138.1	72.1	29.9	0.0
-55°	336.5	262.2	192.0	126.7	64.7	28.2	0.0
-57.5°	308.5	240.1	174.5	115.0	57.0	26.4	0.0
-60°	279.9	217.3	156.5	102.9	49.1	24.5	0.0
-62.5°	251.3	193.8	139.9	90.4	45.3	22.7	0.0
-65°	222.0	169.6	123.0	77.8	41.5	20.7	0.0
-67.5°	192.0	146.5	105.8	64.8	37.5	18.8	0.0
-70°	161.3	124.6	88.3	51.6	33.5	16.8	0.0
-72.5°	134.1	102.4	70.4	44.2	29.5	14.8	0.0
-75°	107.1	79.9	52.4	38.0	25.4	12.7	0.0
-77.5°	79.9	57.1	42.3	31.8	21.2	10.6	0.0
-80°	52.4	42.3	33.9	25.5	17.0	8.5	0.0
-82.5°	38.0	31.8	25.5	19.2	12.8	6.4	0.0
-85°	25.4	21.2	17.0	12.8	8.5	4.3	0.0
-87.5°	12.7	10.6	8.5	6.4	4.3	2.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)