

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: P627963 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627963 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)
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-WR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, WIDE SYMMETRICAL ROUND N154
Light Source: (96) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

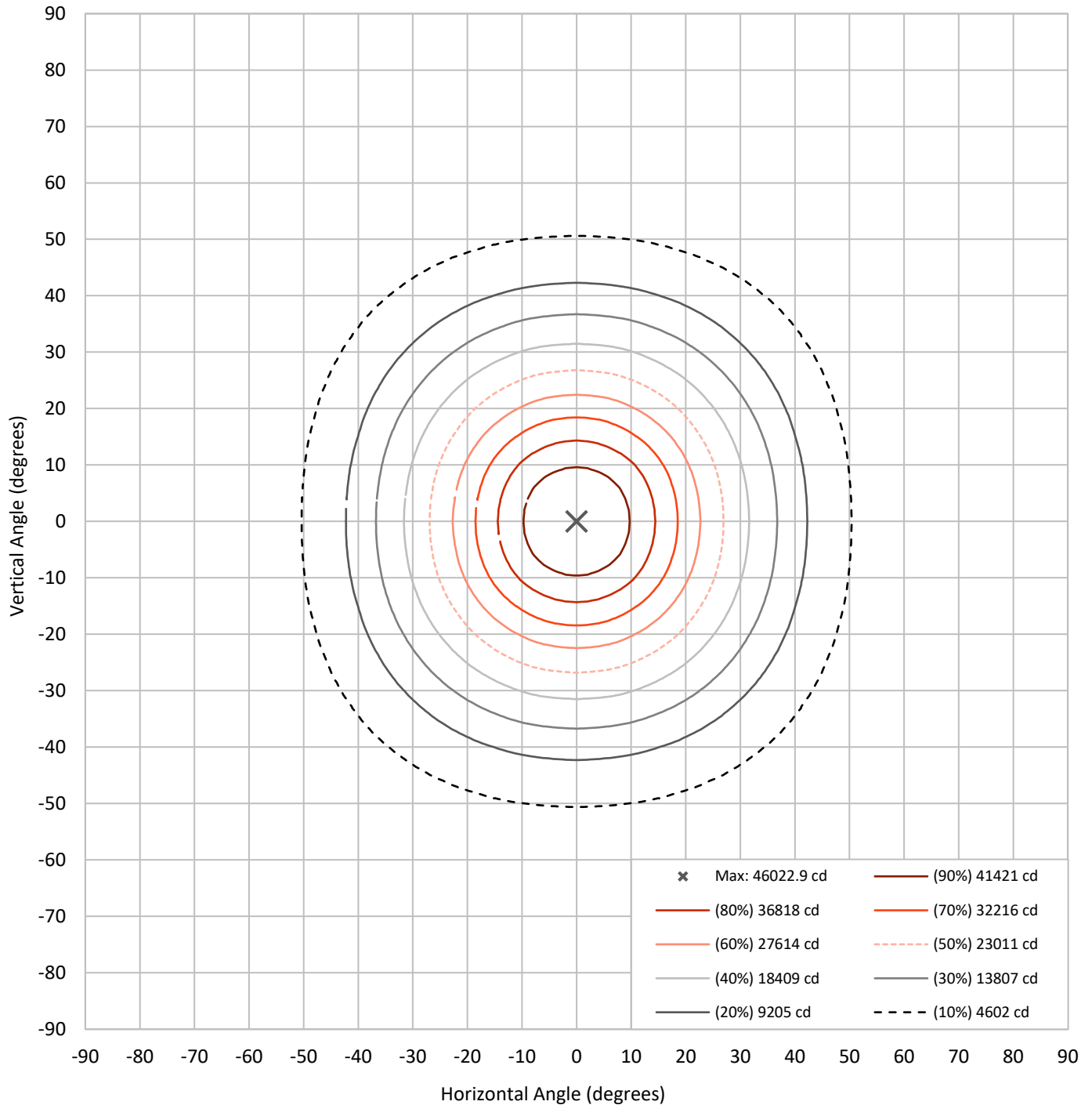
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	46840.6 lumens	Max Intensity:	46022.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	143.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	53.8°H x 53.6°V	Field Angle (10%):	100.8°H x 101.2°V
Beam Lumens:	22396.3 lumens	Field Lumens:	41338.5 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
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		



REPORT NUMBER: P627963 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6D-750-U-WR-XX

Iso-Candela Plot





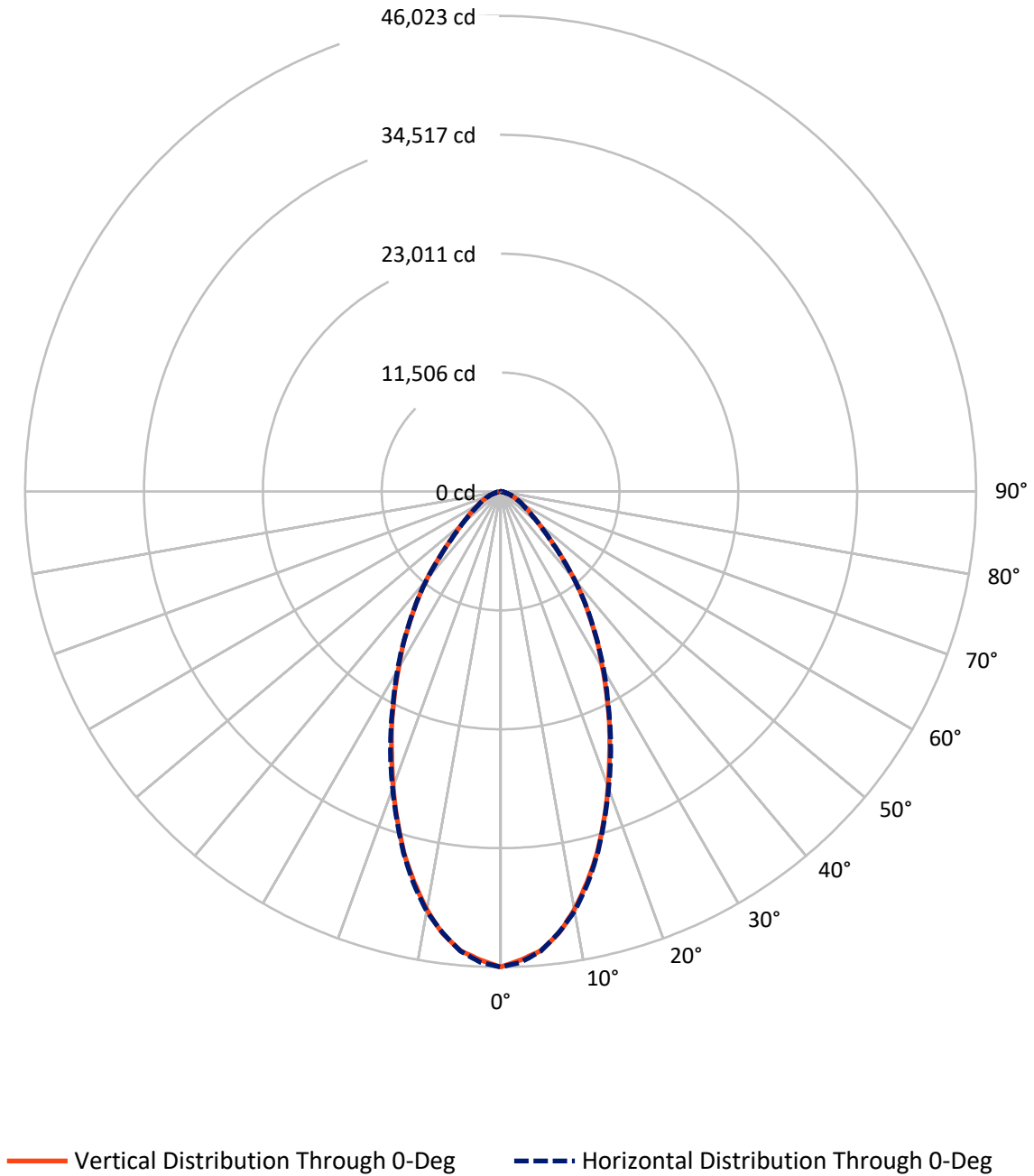
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Lumen Table

90																			
80	1.8	12.9		29.5		49.0		42.0		49.0		29.5		12.9		1.8			
70																			
60	6.1	7.1	13.4	21.5	31.2	40.5	47.6	51.0	51.0	47.6	40.5	31.2	21.5	13.4	7.1	6.1			
50		10.1	20.3	35.2	53.9	74.2	92.5	103.2	103.2	92.5	74.2	53.9	35.2	20.3	10.1				
40	9.0	12.9	28.0	52.5	88.4	136.0	187.4	221.8	221.8	187.4	136.0	88.4	52.5	28.0	12.9	9.0			
30		15.7	36.8	76.3	148.5	263.6	383.0	454.3	454.3	383.0	263.6	148.5	76.3	36.8	15.7				
20	10.6	18.3	45.8	106.8	240.0	431.4	617.3	737.9	737.9	617.3	431.4	240.0	106.8	45.8	18.3	10.6			
10		20.4	53.7	138.4	327.6	582.5	860.1	1058.1	1058.1	860.1	582.5	327.6	138.4	53.7	20.4				
0	11.1	21.4	58.2	159.0	377.1	677.3	1030.6	1296.1	1296.1	1030.6	677.3	377.1	159.0	58.2	21.4	11.1			
-10		21.4	58.2	159.0	377.1	677.3	1030.6	1296.1	1296.1	1030.6	677.3	377.1	159.0	58.2	21.4				
-20	10.6	20.4	53.7	138.4	327.6	582.5	860.1	1058.1	1058.1	860.1	582.5	327.6	138.4	53.7	20.4	10.6			
-30		18.3	45.8	106.8	240.0	431.4	617.3	737.9	737.9	617.3	431.4	240.0	106.8	45.8	18.3				
-40	9.0	15.7	36.8	76.3	148.5	263.6	383.0	454.3	454.3	383.0	263.6	148.5	76.3	36.8	15.7	9.0			
-50		12.9	28.0	52.5	88.4	136.0	187.4	221.8	221.8	187.4	136.0	88.4	52.5	28.0	12.9				
-60	6.1	10.1	20.3	35.2	53.9	74.2	92.5	103.2	103.2	92.5	74.2	53.9	35.2	20.3	10.1	6.1			
-70		7.1	13.4	21.5	31.2	40.5	47.6	51.0	51.0	47.6	40.5	31.2	21.5	13.4	7.1				
-80	1.8	12.9		29.5		49.0		42.0		49.0		29.5		12.9		1.8			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

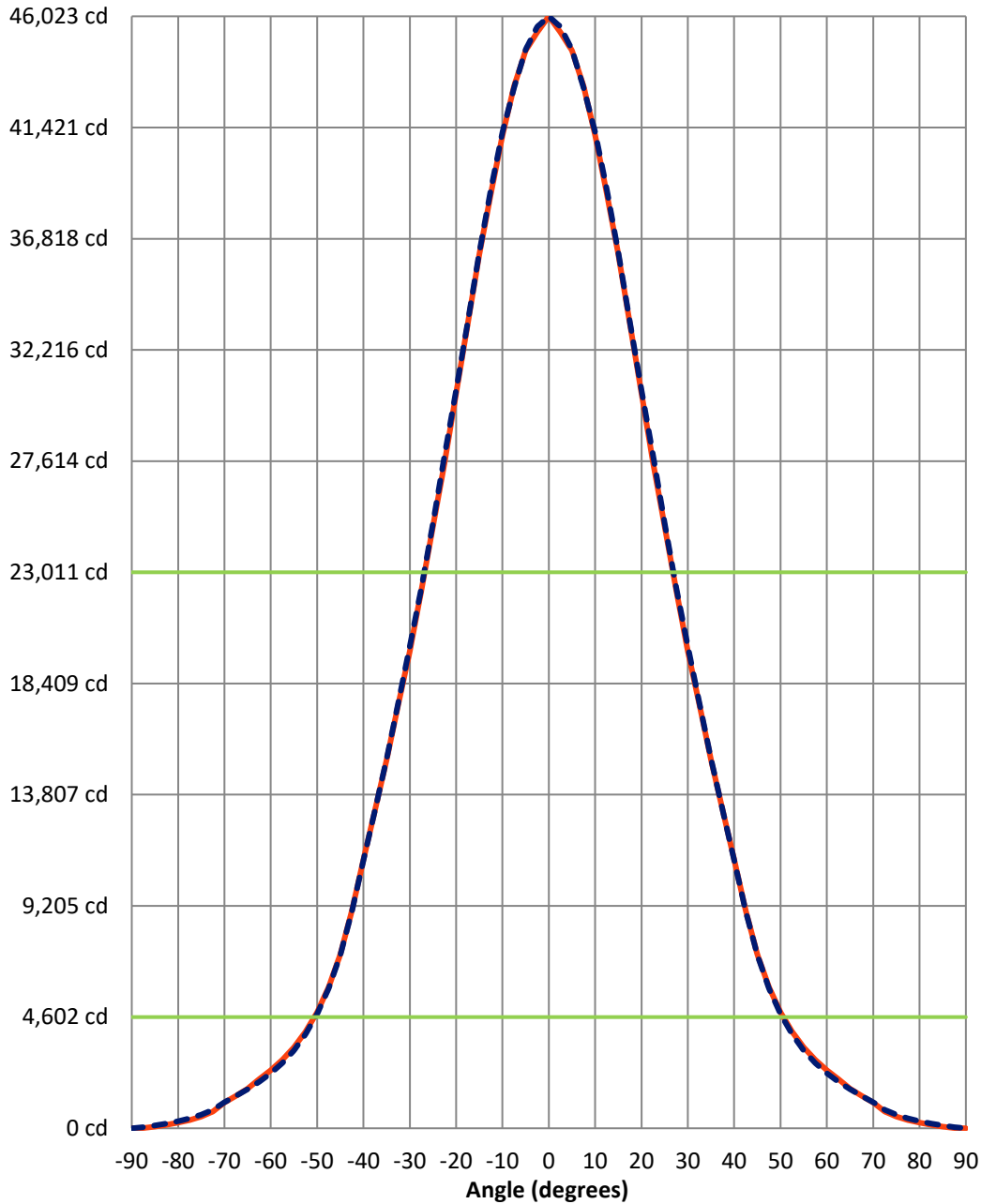
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 22396.3
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 41338.5
 Efficiency: 88.3%

Spill:
 Lumens: 5502.1
 Efficiency: 11.7%

- 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	2.3	5.4	8.8	12.7	17.1	21.9	24.2	26.1	27.7	28.9
85°	0.0	4.7	10.7	17.6	25.4	34.1	43.7	48.4	52.3	55.4	57.8
82.5°	0.0	7.0	16.1	26.3	37.9	50.9	65.3	72.7	80.1	92.8	104.0
80°	0.0	9.3	21.4	34.9	50.4	67.6	88.7	110.2	128.9	145.6	160.5
77.5°	0.0	11.6	26.6	43.5	62.6	87.9	126.5	154.4	177.7	198.5	219.3
75°	0.0	13.8	31.7	51.8	75.8	115.0	163.4	198.5	226.4	254.7	285.1
72.5°	0.0	16.0	36.7	60.0	93.9	141.1	199.0	241.8	275.4	311.5	349.9
70°	0.0	18.2	41.6	68.6	111.4	166.3	232.8	282.6	323.5	367.3	418.7
67.5°	0.0	20.3	46.3	79.3	128.1	190.3	262.2	322.7	370.7	425.0	486.7
65°	0.0	22.3	50.9	89.5	144.0	212.4	290.2	361.8	417.2	480.6	551.0
62.5°	0.0	24.3	55.3	99.1	158.9	232.6	316.5	398.9	461.9	533.8	610.8
60°	0.0	26.3	59.6	108.2	172.9	251.6	341.2	434.1	504.4	585.4	668.8
57.5°	0.0	28.1	64.7	116.7	186.0	269.3	363.5	465.7	547.5	635.2	722.3
55°	0.0	29.9	69.7	124.6	198.1	285.6	384.1	490.9	589.6	682.9	773.4
52.5°	0.0	31.6	74.5	131.7	209.2	300.5	403.0	518.4	630.0	728.4	823.4
50°	0.0	33.3	79.1	138.2	219.3	314.2	420.1	544.2	669.1	772.8	878.2
47.5°	0.0	34.8	83.4	144.1	228.4	326.5	435.9	567.7	707.6	816.0	932.1
45°	0.0	36.2	87.6	150.0	236.3	337.4	453.8	588.8	735.2	862.7	984.2
42.5°	0.0	37.6	91.5	155.2	243.2	346.9	469.7	609.5	760.5	907.7	1038.2
40°	0.0	38.9	95.1	160.9	249.4	355.0	483.7	629.6	785.5	949.5	1090.3
37.5°	0.0	40.0	98.5	166.7	254.9	361.5	495.6	647.7	812.9	982.6	1139.8
35°	0.0	41.1	101.7	172.0	259.4	368.9	505.5	663.9	839.2	1018.9	1190.4
32.5°	0.0	42.1	104.6	176.9	262.8	375.9	514.6	678.1	864.2	1055.7	1242.2
30°	0.0	42.9	107.2	181.3	265.2	381.3	524.7	691.9	887.9	1093.0	1291.0
27.5°	0.0	43.7	109.6	185.1	270.8	385.2	533.0	709.1	912.5	1130.3	1336.7
25°	0.0	44.4	111.7	188.5	276.3	387.5	539.4	724.5	940.1	1167.0	1379.4
22.5°	0.0	44.9	113.5	191.4	281.1	390.6	544.0	737.9	966.4	1200.6	1426.1
20°	0.0	45.4	115.0	193.8	285.2	397.7	546.6	749.3	991.2	1230.8	1467.9
17.5°	0.0	45.7	116.2	195.7	288.7	403.5	552.8	758.5	1014.0	1257.5	1504.7
15°	0.0	46.0	117.2	197.1	291.4	408.0	560.1	767.3	1034.4	1280.4	1536.2
12.5°	0.0	46.1	117.9	198.0	293.5	411.4	565.5	775.1	1051.8	1299.6	1562.5
10°	0.0	46.2	118.3	198.4	294.8	413.5	568.8	779.4	1065.4	1315.5	1583.8
7.5°	0.0	46.2	118.4	198.3	295.4	414.3	570.1	780.4	1074.9	1327.9	1600.4
5°	0.0	46.0	118.3	197.7	295.2	414.0	569.5	778.1	1080.1	1336.3	1611.4
2.5°	0.0	45.8	117.8	196.7	294.3	412.5	567.0	772.7	1080.8	1340.5	1616.8
0°	0.0	45.5	117.1	195.2	292.7	409.8	562.7	764.4	1076.7	1340.1	1616.6
-2.5°	0.0	45.8	117.8	196.7	294.3	412.5	567.0	772.7	1080.8	1340.5	1616.8
-5°	0.0	46.0	118.3	197.7	295.2	414.0	569.5	778.1	1080.1	1336.3	1611.4
-7.5°	0.0	46.2	118.4	198.3	295.4	414.3	570.1	780.4	1074.9	1327.9	1600.4
-10°	0.0	46.2	118.3	198.4	294.8	413.5	568.8	779.4	1065.4	1315.5	1583.8
-12.5°	0.0	46.1	117.9	198.0	293.5	411.4	565.5	775.1	1051.8	1299.6	1562.5
-15°	0.0	46.0	117.2	197.1	291.4	408.0	560.1	767.3	1034.4	1280.4	1536.2
-17.5°	0.0	45.7	116.2	195.7	288.7	403.5	552.8	758.5	1014.0	1257.5	1504.7
-20°	0.0	45.4	115.0	193.8	285.2	397.7	546.6	749.3	991.2	1230.8	1467.9

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

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	44.9	113.5	191.4	281.1	390.6	544.0	737.9	966.4	1200.6	1426.1
-25°	0.0	44.4	111.7	188.5	276.3	387.5	539.4	724.5	940.1	1167.0	1379.4
-27.5°	0.0	43.7	109.6	185.1	270.8	385.2	533.0	709.1	912.5	1130.3	1336.7
-30°	0.0	42.9	107.2	181.3	265.2	381.3	524.7	691.9	887.9	1093.0	1291.0
-32.5°	0.0	42.1	104.6	176.9	262.8	375.9	514.6	678.1	864.2	1055.7	1242.2
-35°	0.0	41.1	101.7	172.0	259.4	368.9	505.5	663.9	839.2	1018.9	1190.4
-37.5°	0.0	40.0	98.5	166.7	254.9	361.5	495.6	647.7	812.9	982.6	1139.8
-40°	0.0	38.9	95.1	160.9	249.4	355.0	483.7	629.6	785.5	949.5	1090.3
-42.5°	0.0	37.6	91.5	155.2	243.2	346.9	469.7	609.5	760.5	907.7	1038.2
-45°	0.0	36.2	87.6	150.0	236.3	337.4	453.8	588.8	735.2	862.7	984.2
-47.5°	0.0	34.8	83.4	144.1	228.4	326.5	435.9	567.7	707.6	816.0	932.1
-50°	0.0	33.3	79.1	138.2	219.3	314.2	420.1	544.2	669.1	772.8	878.2
-52.5°	0.0	31.6	74.5	131.7	209.2	300.5	403.0	518.4	630.0	728.4	823.4
-55°	0.0	29.9	69.7	124.6	198.1	285.6	384.1	490.9	589.6	682.9	773.4
-57.5°	0.0	28.1	64.7	116.7	186.0	269.3	363.5	465.7	547.5	635.2	722.3
-60°	0.0	26.3	59.6	108.2	172.9	251.6	341.2	434.1	504.4	585.4	668.8
-62.5°	0.0	24.3	55.3	99.1	158.9	232.6	316.5	398.9	461.9	533.8	610.8
-65°	0.0	22.3	50.9	89.5	144.0	212.4	290.2	361.8	417.2	480.6	551.0
-67.5°	0.0	20.3	46.3	79.3	128.1	190.3	262.2	322.7	370.7	425.0	486.7
-70°	0.0	18.2	41.6	68.6	111.4	166.3	232.8	282.6	323.5	367.3	418.7
-72.5°	0.0	16.0	36.7	60.0	93.9	141.1	199.0	241.8	275.4	311.5	349.9
-75°	0.0	13.8	31.7	51.8	75.8	115.0	163.4	198.5	226.4	254.7	285.1
-77.5°	0.0	11.6	26.6	43.5	62.6	87.9	126.5	154.4	177.7	198.5	219.3
-80°	0.0	9.3	21.4	34.9	50.4	67.6	88.7	110.2	128.9	145.6	160.5
-82.5°	0.0	7.0	16.1	26.3	37.9	50.9	65.3	72.7	80.1	92.8	104.0
-85°	0.0	4.7	10.7	17.6	25.4	34.1	43.7	48.4	52.3	55.4	57.8
-87.5°	0.0	2.3	5.4	8.8	12.7	17.1	21.9	24.2	26.1	27.7	28.9
-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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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°	29.3	29.3	28.9	28.0	26.8	25.1	23.1	20.8	21.6	22.4	23.2
85°	58.7	58.7	63.5	68.0	70.1	70.4	69.0	66.0	74.6	84.4	94.8
82.5°	114.5	124.5	133.8	142.6	143.6	141.3	136.9	131.8	149.2	170.3	192.3
80°	175.5	190.2	207.1	222.8	226.5	224.9	220.1	212.0	235.0	267.4	302.4
77.5°	243.6	266.9	288.5	308.4	314.2	313.4	309.7	303.3	332.4	377.4	424.1
75°	315.4	343.6	371.5	396.0	406.4	407.3	406.1	413.0	451.4	504.0	550.4
72.5°	390.3	426.1	457.5	484.6	501.4	514.3	531.3	552.2	591.0	642.6	688.1
70°	469.4	509.2	542.4	572.3	598.1	626.2	662.2	697.9	738.7	790.3	837.6
67.5°	547.5	587.8	625.3	662.1	709.1	754.1	798.9	845.6	897.1	951.2	999.1
65°	619.9	665.4	711.1	764.6	825.7	876.7	932.0	992.6	1060.2	1121.1	1176.6
62.5°	689.3	740.7	797.3	861.8	928.0	991.9	1066.0	1144.0	1222.9	1299.4	1375.2
60°	747.9	811.9	880.6	953.5	1030.0	1116.9	1203.8	1296.6	1390.8	1482.9	1576.7
57.5°	804.3	883.5	962.6	1047.6	1142.8	1242.2	1346.5	1451.0	1563.7	1675.1	1781.5
55°	862.8	956.1	1046.1	1146.8	1255.9	1372.8	1490.6	1617.3	1741.7	1881.9	2011.3
52.5°	925.4	1026.8	1132.7	1247.9	1375.4	1507.0	1645.2	1790.4	1945.4	2101.2	2259.3
50°	986.3	1100.8	1218.5	1356.4	1498.9	1649.3	1808.9	1978.2	2158.5	2338.9	2530.2
47.5°	1050.1	1172.2	1316.1	1465.8	1629.0	1800.3	1981.0	2182.2	2382.7	2609.8	2829.2
45°	1113.0	1253.4	1409.6	1583.5	1762.7	1955.6	2170.5	2391.5	2647.3	2903.9	3192.2
42.5°	1173.4	1335.4	1511.5	1697.4	1901.4	2123.1	2360.9	2638.7	2927.2	3244.8	3583.2
40°	1242.8	1413.7	1612.1	1819.9	2040.9	2294.3	2580.5	2888.9	3240.9	3617.1	4001.6
37.5°	1310.0	1502.0	1711.2	1936.6	2193.2	2478.6	2794.5	3172.7	3578.7	4006.5	4529.5
35°	1373.2	1586.0	1813.4	2060.3	2338.2	2668.9	3046.8	3464.6	3932.5	4484.3	5094.5
32.5°	1440.2	1665.6	1909.8	2186.9	2501.5	2862.7	3291.9	3783.7	4337.4	4965.7	5729.2
30°	1507.7	1747.5	2005.6	2305.4	2655.4	3073.4	3561.1	4104.6	4741.6	5529.7	6426.0
27.5°	1570.1	1824.1	2106.8	2431.0	2805.1	3267.7	3819.7	4456.9	5207.4	6097.9	7144.9
25°	1627.5	1893.8	2199.8	2550.6	2970.1	3477.5	4076.0	4781.6	5673.4	6735.3	8023.3
22.5°	1682.2	1957.4	2283.8	2658.1	3118.8	3680.5	4354.1	5161.6	6147.4	7339.1	8883.8
20°	1733.5	2026.0	2367.3	2761.0	3251.6	3863.8	4609.9	5516.3	6638.1	8048.9	9727.7
17.5°	1778.6	2086.6	2446.3	2872.3	3399.7	4050.2	4851.1	5829.5	7074.9	8682.8	10506.3
15°	1817.3	2138.8	2514.6	2968.6	3533.1	4235.3	5104.3	6173.0	7530.5	9259.2	11190.0
12.5°	1849.6	2182.5	2572.0	3049.6	3645.1	4391.9	5320.5	6479.0	7974.3	9802.2	11790.2
10°	1875.4	2217.6	2618.2	3115.1	3735.5	4519.1	5498.6	6729.4	8343.6	10267.6	12297.9
7.5°	1896.8	2245.0	2653.6	3164.7	3803.8	4616.2	5637.3	6922.6	8632.3	10636.2	12687.6
5°	1912.1	2264.6	2680.6	3199.4	3854.0	4683.9	5734.3	7057.7	8837.6	10903.2	12954.0
2.5°	1920.6	2275.3	2696.0	3217.9	3884.8	4722.3	5785.2	7142.5	8950.5	11055.6	13115.0
0°	1922.4	2276.9	2699.8	3220.2	3893.5	4729.5	5793.1	7169.0	8974.3	11095.1	13173.6
-2.5°	1920.6	2275.3	2696.0	3217.9	3884.8	4722.3	5785.2	7142.5	8950.5	11055.6	13115.0
-5°	1912.1	2264.6	2680.6	3199.4	3854.0	4683.9	5734.3	7057.7	8837.6	10903.2	12954.0
-7.5°	1896.8	2245.0	2653.6	3164.7	3803.8	4616.2	5637.3	6922.6	8632.3	10636.2	12687.6
-10°	1875.4	2217.6	2618.2	3115.1	3735.5	4519.1	5498.6	6729.4	8343.6	10267.6	12297.9
-12.5°	1849.6	2182.5	2572.0	3049.6	3645.1	4391.9	5320.5	6479.0	7974.3	9802.2	11790.2
-15°	1817.3	2138.8	2514.6	2968.6	3533.1	4235.3	5104.3	6173.0	7530.5	9259.2	11190.0
-17.5°	1778.6	2086.6	2446.3	2872.3	3399.7	4050.2	4851.1	5829.5	7074.9	8682.8	10506.3
-20°	1733.5	2026.0	2367.3	2761.0	3251.6	3863.8	4609.9	5516.3	6638.1	8048.9	9727.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627963 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1682.2	1957.4	2283.8	2658.1	3118.8	3680.5	4354.1	5161.6	6147.4	7339.1	8883.8
-25°	1627.5	1893.8	2199.8	2550.6	2970.1	3477.5	4076.0	4781.6	5673.4	6735.3	8023.3
-27.5°	1570.1	1824.1	2106.8	2431.0	2805.1	3267.7	3819.7	4456.9	5207.4	6097.9	7144.9
-30°	1507.7	1747.5	2005.6	2305.4	2655.4	3073.4	3561.1	4104.6	4741.6	5529.7	6426.0
-32.5°	1440.2	1665.6	1909.8	2186.9	2501.5	2862.7	3291.9	3783.7	4337.4	4965.7	5729.2
-35°	1373.2	1586.0	1813.4	2060.3	2338.2	2668.9	3046.8	3464.6	3932.5	4484.3	5094.5
-37.5°	1310.0	1502.0	1711.2	1936.6	2193.2	2478.6	2794.5	3172.7	3578.7	4006.5	4529.5
-40°	1242.8	1413.7	1612.1	1819.9	2040.9	2294.3	2580.5	2888.9	3240.9	3617.1	4001.6
-42.5°	1173.4	1335.4	1511.5	1697.4	1901.4	2123.1	2360.9	2638.7	2927.2	3244.8	3583.2
-45°	1113.0	1253.4	1409.6	1583.5	1762.7	1955.6	2170.5	2391.5	2647.3	2903.9	3192.2
-47.5°	1050.1	1172.2	1316.1	1465.8	1629.0	1800.3	1981.0	2182.2	2382.7	2609.8	2829.2
-50°	986.3	1100.8	1218.5	1356.4	1498.9	1649.3	1808.9	1978.2	2158.5	2338.9	2530.2
-52.5°	925.4	1026.8	1132.7	1247.9	1375.4	1507.0	1645.2	1790.4	1945.4	2101.2	2259.3
-55°	862.8	956.1	1046.1	1146.8	1255.9	1372.8	1490.6	1617.3	1741.7	1881.9	2011.3
-57.5°	804.3	883.5	962.6	1047.6	1142.8	1242.2	1346.5	1451.0	1563.7	1675.1	1781.5
-60°	747.9	811.9	880.6	953.5	1030.0	1116.9	1203.8	1296.6	1390.8	1482.9	1576.7
-62.5°	689.3	740.7	797.3	861.8	928.0	991.9	1066.0	1144.0	1222.9	1299.4	1375.2
-65°	619.9	665.4	711.1	764.6	825.7	876.7	932.0	992.6	1060.2	1121.1	1176.6
-67.5°	547.5	587.8	625.3	662.1	709.1	754.1	798.9	845.6	897.1	951.2	999.1
-70°	469.4	509.2	542.4	572.3	598.1	626.2	662.2	697.9	738.7	790.3	837.6
-72.5°	390.3	426.1	457.5	484.6	501.4	514.3	531.3	552.2	591.0	642.6	688.1
-75°	315.4	343.6	371.5	396.0	406.4	407.3	406.1	413.0	451.4	504.0	550.4
-77.5°	243.6	266.9	288.5	308.4	314.2	313.4	309.7	303.3	332.4	377.4	424.1
-80°	175.5	190.2	207.1	222.8	226.5	224.9	220.1	212.0	235.0	267.4	302.4
-82.5°	114.5	124.5	133.8	142.6	143.6	141.3	136.9	131.8	149.2	170.3	192.3
-85°	58.7	58.7	63.5	68.0	70.1	70.4	69.0	66.0	74.6	84.4	94.8
-87.5°	29.3	29.3	28.9	28.0	26.8	25.1	23.1	20.8	21.6	22.4	23.2
-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: P627963 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-750-U-WR-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°	24.0	23.4	22.6	21.7	20.7	20.3	19.9	19.4	18.8	17.5	16.0
85°	105.8	108.1	109.4	110.1	110.1	113.6	116.9	119.9	122.5	111.1	98.5
82.5°	215.1	225.2	234.1	242.9	251.6	257.5	262.1	265.4	267.5	242.1	213.7
80°	338.6	359.8	377.3	394.2	410.2	414.2	414.2	411.9	407.4	372.8	333.5
77.5°	470.9	498.6	520.7	542.5	564.0	571.9	575.7	578.7	580.7	537.8	485.0
75°	590.9	623.9	654.8	683.4	709.8	723.9	732.1	738.9	744.1	701.1	644.4
72.5°	727.8	762.8	796.2	827.9	855.9	874.4	886.5	896.5	904.3	879.8	844.4
70°	878.2	914.5	949.7	982.7	1014.4	1039.3	1059.0	1075.9	1090.0	1092.7	1091.5
67.5°	1045.3	1088.1	1130.0	1166.0	1203.6	1238.8	1269.8	1295.6	1316.2	1329.7	1337.3
65°	1232.8	1297.2	1354.5	1403.1	1443.7	1490.7	1532.2	1563.8	1586.2	1603.1	1617.7
62.5°	1453.8	1531.8	1597.3	1662.1	1728.9	1793.8	1834.4	1875.1	1914.9	1952.4	1984.5
60°	1666.5	1752.0	1840.7	1923.4	1999.9	2070.3	2143.1	2207.7	2264.2	2311.4	2346.6
57.5°	1893.2	1997.3	2098.2	2203.1	2301.9	2394.0	2484.0	2567.0	2638.9	2699.2	2748.6
55°	2139.2	2266.5	2386.4	2519.7	2648.8	2766.6	2875.0	2986.2	3086.3	3174.5	3244.4
52.5°	2404.4	2570.0	2728.8	2885.2	3052.6	3203.7	3339.0	3493.0	3629.6	3742.6	3830.6
50°	2721.1	2915.7	3125.2	3319.2	3530.3	3738.3	3930.0	4115.8	4297.4	4454.6	4581.6
47.5°	3081.7	3321.1	3580.8	3837.9	4100.0	4384.3	4638.0	4873.7	5127.7	5348.2	5525.0
45°	3482.5	3787.9	4101.5	4462.7	4795.7	5160.8	5498.9	5802.5	6162.6	6479.9	6735.3
42.5°	3927.3	4334.0	4746.3	5201.4	5643.0	6106.7	6599.2	7036.0	7513.7	7969.1	8337.2
40°	4478.4	4964.6	5516.8	6067.7	6701.6	7297.1	8014.5	8666.5	9258.6	9801.6	10246.7
37.5°	5090.9	5716.8	6410.6	7128.1	7995.5	8845.6	9685.4	10478.3	11178.2	11772.6	12271.2
35°	5786.2	6581.5	7421.9	8469.4	9485.6	10503.8	11452.4	12318.9	13080.3	13750.8	14321.0
32.5°	6586.0	7540.6	8716.9	9893.7	11052.9	12174.0	13215.4	14160.6	14995.5	15748.3	16404.0
30°	7426.9	8729.3	10049.6	11340.6	12606.7	13834.7	14977.6	16018.6	16962.1	17800.2	18555.6
27.5°	8495.5	9938.8	11378.5	12770.2	14163.1	15507.0	16745.6	17902.1	18984.7	19932.0	20795.5
25°	9529.0	11123.5	12654.0	14171.4	15687.6	17130.4	18515.5	19821.7	21061.6	22148.8	23112.8
22.5°	10562.4	12231.3	13866.8	15498.4	17127.0	18735.6	20290.8	21787.3	23173.9	24411.9	25497.0
20°	11519.6	13264.2	15013.1	16772.1	18537.4	20298.2	22044.8	23729.0	25273.8	26703.1	27959.0
17.5°	12377.6	14233.1	16087.3	17968.8	19882.5	21794.0	23734.3	25622.3	27388.4	29014.6	30471.7
15°	13137.5	15073.6	17065.0	19095.3	21150.2	23226.3	25343.5	27455.8	29443.8	31290.9	32917.6
12.5°	13801.9	15814.7	17901.9	20059.1	22289.5	24551.2	26861.8	29177.2	31378.0	33510.6	35266.9
10°	14350.1	16445.1	18626.6	20893.2	23245.3	25679.5	28158.5	30650.9	33075.5	35337.8	37346.4
7.5°	14773.4	16946.9	19194.9	21552.2	24020.0	26586.9	29212.9	31857.9	34445.4	36883.0	39105.4
5°	15072.1	17312.2	19588.5	22040.6	24594.0	27254.1	29983.4	32739.8	35444.7	38007.7	40311.0
2.5°	15245.4	17531.5	19817.6	22337.4	24935.5	27657.9	30461.2	33262.9	36039.1	38697.4	41064.3
0°	15291.1	17597.3	19949.0	22369.1	25042.8	27846.7	30549.7	33360.0	36245.2	38866.9	41225.2
-2.5°	15245.4	17531.5	19817.6	22337.4	24935.5	27657.9	30461.2	33262.9	36039.1	38697.4	41064.3
-5°	15072.1	17312.2	19588.5	22040.6	24594.0	27254.1	29983.4	32739.8	35444.7	38007.7	40311.0
-7.5°	14773.4	16946.9	19194.9	21552.2	24020.0	26586.9	29212.9	31857.9	34445.4	36883.0	39105.4
-10°	14350.1	16445.1	18626.6	20893.2	23245.3	25679.5	28158.5	30650.9	33075.5	35337.8	37346.4
-12.5°	13801.9	15814.7	17901.9	20059.1	22289.5	24551.2	26861.8	29177.2	31378.0	33510.6	35266.9
-15°	13137.5	15073.6	17065.0	19095.3	21150.2	23226.3	25343.5	27455.8	29443.8	31290.9	32917.6
-17.5°	12377.6	14233.1	16087.3	17968.8	19882.5	21794.0	23734.3	25622.3	27388.4	29014.6	30471.7
-20°	11519.6	13264.2	15013.1	16772.1	18537.4	20298.2	22044.8	23729.0	25273.8	26703.1	27959.0



REPORT NUMBER: P627963 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-750-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	10562.4	12231.3	13866.8	15498.4	17127.0	18735.6	20290.8	21787.3	23173.9	24411.9	25497.0
-25°	9529.0	11123.5	12654.0	14171.4	15687.6	17130.4	18515.5	19821.7	21061.6	22148.8	23112.8
-27.5°	8495.5	9938.8	11378.5	12770.2	14163.1	15507.0	16745.6	17902.1	18984.7	19932.0	20795.5
-30°	7426.9	8729.3	10049.6	11340.6	12606.7	13834.7	14977.6	16018.6	16962.1	17800.2	18555.6
-32.5°	6586.0	7540.6	8716.9	9893.7	11052.9	12174.0	13215.4	14160.6	14995.5	15748.3	16404.0
-35°	5786.2	6581.5	7421.9	8469.4	9485.6	10503.8	11452.4	12318.9	13080.3	13750.8	14321.0
-37.5°	5090.9	5716.8	6410.6	7128.1	7995.5	8845.6	9685.4	10478.3	11178.2	11772.6	12271.2
-40°	4478.4	4964.6	5516.8	6067.7	6701.6	7297.1	8014.5	8666.5	9258.6	9801.6	10246.7
-42.5°	3927.3	4334.0	4746.3	5201.4	5643.0	6106.7	6599.2	7036.0	7513.7	7969.1	8337.2
-45°	3482.5	3787.9	4101.5	4462.7	4795.7	5160.8	5498.9	5802.5	6162.6	6479.9	6735.3
-47.5°	3081.7	3321.1	3580.8	3837.9	4100.0	4384.3	4638.0	4873.7	5127.7	5348.2	5525.0
-50°	2721.1	2915.7	3125.2	3319.2	3530.3	3738.3	3930.0	4115.8	4297.4	4454.6	4581.6
-52.5°	2404.4	2570.0	2728.8	2885.2	3052.6	3203.7	3339.0	3493.0	3629.6	3742.6	3830.6
-55°	2139.2	2266.5	2386.4	2519.7	2648.8	2766.6	2875.0	2986.2	3086.3	3174.5	3244.4
-57.5°	1893.2	1997.3	2098.2	2203.1	2301.9	2394.0	2484.0	2567.0	2638.9	2699.2	2748.6
-60°	1666.5	1752.0	1840.7	1923.4	1999.9	2070.3	2143.1	2207.7	2264.2	2311.4	2346.6
-62.5°	1453.8	1531.8	1597.3	1662.1	1728.9	1793.8	1834.4	1875.1	1914.9	1952.4	1984.5
-65°	1232.8	1297.2	1354.5	1403.1	1443.7	1490.7	1532.2	1563.8	1586.2	1603.1	1617.7
-67.5°	1045.3	1088.1	1130.0	1166.0	1203.6	1238.8	1269.8	1295.6	1316.2	1329.7	1337.3
-70°	878.2	914.5	949.7	982.7	1014.4	1039.3	1059.0	1075.9	1090.0	1092.7	1091.5
-72.5°	727.8	762.8	796.2	827.9	855.9	874.4	886.5	896.5	904.3	879.8	844.4
-75°	590.9	623.9	654.8	683.4	709.8	723.9	732.1	738.9	744.1	701.1	644.4
-77.5°	470.9	498.6	520.7	542.5	564.0	571.9	575.7	578.7	580.7	537.8	485.0
-80°	338.6	359.8	377.3	394.2	410.2	414.2	414.2	411.9	407.4	372.8	333.5
-82.5°	215.1	225.2	234.1	242.9	251.6	257.5	262.1	265.4	267.5	242.1	213.7
-85°	105.8	108.1	109.4	110.1	110.1	113.6	116.9	119.9	122.5	111.1	98.5
-87.5°	24.0	23.4	22.6	21.7	20.7	20.3	19.9	19.4	18.8	17.5	16.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627963 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-750-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	14.5	13.0	11.4	9.8	11.4	13.0	14.5	16.0	17.5	18.8	19.4
85°	85.2	71.3	69.8	68.3	69.8	71.3	85.2	98.5	111.1	122.5	119.9
82.5°	183.7	152.5	147.8	143.1	147.8	152.5	183.7	213.7	242.1	267.5	265.4
80°	292.6	250.3	242.1	234.2	242.1	250.3	292.6	333.5	372.8	407.4	411.9
77.5°	429.3	371.4	354.4	338.3	354.4	371.4	429.3	485.0	537.8	580.7	578.7
75°	585.5	524.6	504.0	484.7	504.0	524.6	585.5	644.4	701.1	744.1	738.9
72.5°	808.6	771.5	733.9	692.8	733.9	771.5	808.6	844.4	879.8	904.3	896.5
70°	1090.3	1087.7	1078.2	1063.6	1078.2	1087.7	1090.3	1091.5	1092.7	1090.0	1075.9
67.5°	1340.5	1339.4	1342.7	1343.4	1342.7	1339.4	1340.5	1337.3	1329.7	1316.2	1295.6
65°	1626.6	1629.7	1636.4	1639.4	1636.4	1629.7	1626.6	1617.7	1603.1	1586.2	1563.8
62.5°	2009.1	2025.7	2033.9	2033.0	2033.9	2025.7	2009.1	1984.5	1952.4	1914.9	1875.1
60°	2372.9	2390.2	2401.0	2403.8	2401.0	2390.2	2372.9	2346.6	2311.4	2264.2	2207.7
57.5°	2787.7	2816.0	2831.0	2833.1	2831.0	2816.0	2787.7	2748.6	2699.2	2638.9	2567.0
55°	3298.0	3335.5	3352.3	3350.3	3352.3	3335.5	3298.0	3244.4	3174.5	3086.3	2986.2
52.5°	3897.1	3942.7	3976.8	3997.6	3976.8	3942.7	3897.1	3830.6	3742.6	3629.6	3493.0
50°	4677.0	4742.5	4784.1	4801.0	4784.1	4742.5	4677.0	4581.6	4454.6	4297.4	4115.8
47.5°	5652.8	5739.5	5803.6	5848.4	5803.6	5739.5	5652.8	5525.0	5348.2	5127.7	4873.7
45°	6923.9	7056.1	7145.9	7198.3	7145.9	7056.1	6923.9	6735.3	6479.9	6162.6	5802.5
42.5°	8624.6	8829.7	8955.4	9003.6	8955.4	8829.7	8624.6	8337.2	7969.1	7513.7	7036.0
40°	10598.1	10844.5	11006.1	11117.8	11006.1	10844.5	10598.1	10246.7	9801.6	9258.6	8666.5
37.5°	12653.8	12912.6	13069.9	13176.8	13069.9	12912.6	12653.8	12271.2	11772.6	11178.2	10478.3
35°	14750.9	15021.8	15169.5	15252.1	15169.5	15021.8	14750.9	14321.0	13750.8	13080.3	12318.9
32.5°	16903.8	17202.3	17362.9	17529.0	17362.9	17202.3	16903.8	16404.0	15748.3	14995.5	14160.6
30°	19152.5	19495.1	19663.1	19744.1	19663.1	19495.1	19152.5	18555.6	17800.2	16962.1	16018.6
27.5°	21492.4	21919.4	22129.7	22268.2	22129.7	21919.4	21492.4	20795.5	19932.0	18984.7	17902.1
25°	23927.0	24456.2	24697.0	24912.7	24697.0	24456.2	23927.0	23112.8	22148.8	21061.6	19821.7
22.5°	26453.1	27112.0	27391.0	27544.2	27391.0	27112.0	26453.1	25497.0	24411.9	23173.9	21787.3
20°	29045.0	29832.4	30220.1	30419.6	30220.1	29832.4	29045.0	27959.0	26703.1	25273.8	23729.0
17.5°	31695.5	32674.9	33176.5	33291.7	33176.5	32674.9	31695.5	30471.7	29014.6	27388.4	25622.3
15°	34297.6	35356.9	35949.9	36167.2	35949.9	35356.9	34297.6	32917.6	31290.9	29443.8	27455.8
12.5°	36761.7	37859.7	38568.3	38694.5	38568.3	37859.7	36761.7	35266.9	33510.6	31378.0	29177.2
10°	38996.6	40134.0	40916.6	41095.0	40916.6	40134.0	38996.6	37346.4	35337.8	33075.5	30650.9
7.5°	40865.0	42112.9	42977.6	43128.0	42977.6	42112.9	40865.0	39105.4	36883.0	34445.4	31857.9
5°	42231.9	43713.6	44423.4	44601.5	44423.4	43713.6	42231.9	40311.0	38007.7	35444.7	32739.8
2.5°	42981.7	44490.1	45476.6	45362.6	45476.6	44490.1	42981.7	41064.3	38697.4	36039.1	33262.9
0°	43066.2	44643.8	45587.1	46022.9	45587.1	44643.8	43066.2	41225.2	38866.9	36245.2	33360.0
-2.5°	42981.7	44490.1	45476.6	45362.6	45476.6	44490.1	42981.7	41064.3	38697.4	36039.1	33262.9
-5°	42231.9	43713.6	44423.4	44601.5	44423.4	43713.6	42231.9	40311.0	38007.7	35444.7	32739.8
-7.5°	40865.0	42112.9	42977.6	43128.0	42977.6	42112.9	40865.0	39105.4	36883.0	34445.4	31857.9
-10°	38996.6	40134.0	40916.6	41095.0	40916.6	40134.0	38996.6	37346.4	35337.8	33075.5	30650.9
-12.5°	36761.7	37859.7	38568.3	38694.5	38568.3	37859.7	36761.7	35266.9	33510.6	31378.0	29177.2
-15°	34297.6	35356.9	35949.9	36167.2	35949.9	35356.9	34297.6	32917.6	31290.9	29443.8	27455.8
-17.5°	31695.5	32674.9	33176.5	33291.7	33176.5	32674.9	31695.5	30471.7	29014.6	27388.4	25622.3
-20°	29045.0	29832.4	30220.1	30419.6	30220.1	29832.4	29045.0	27959.0	26703.1	25273.8	23729.0



REPORT NUMBER: P627963 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	26453.1	27112.0	27391.0	27544.2	27391.0	27112.0	26453.1	25497.0	24411.9	23173.9	21787.3
-25°	23927.0	24456.2	24697.0	24912.7	24697.0	24456.2	23927.0	23112.8	22148.8	21061.6	19821.7
-27.5°	21492.4	21919.4	22129.7	22268.2	22129.7	21919.4	21492.4	20795.5	19932.0	18984.7	17902.1
-30°	19152.5	19495.1	19663.1	19744.1	19663.1	19495.1	19152.5	18555.6	17800.2	16962.1	16018.6
-32.5°	16903.8	17202.3	17362.9	17529.0	17362.9	17202.3	16903.8	16404.0	15748.3	14995.5	14160.6
-35°	14750.9	15021.8	15169.5	15252.1	15169.5	15021.8	14750.9	14321.0	13750.8	13080.3	12318.9
-37.5°	12653.8	12912.6	13069.9	13176.8	13069.9	12912.6	12653.8	12271.2	11772.6	11178.2	10478.3
-40°	10598.1	10844.5	11006.1	11117.8	11006.1	10844.5	10598.1	10246.7	9801.6	9258.6	8666.5
-42.5°	8624.6	8829.7	8955.4	9003.6	8955.4	8829.7	8624.6	8337.2	7969.1	7513.7	7036.0
-45°	6923.9	7056.1	7145.9	7198.3	7145.9	7056.1	6923.9	6735.3	6479.9	6162.6	5802.5
-47.5°	5652.8	5739.5	5803.6	5848.4	5803.6	5739.5	5652.8	5525.0	5348.2	5127.7	4873.7
-50°	4677.0	4742.5	4784.1	4801.0	4784.1	4742.5	4677.0	4581.6	4454.6	4297.4	4115.8
-52.5°	3897.1	3942.7	3976.8	3997.6	3976.8	3942.7	3897.1	3830.6	3742.6	3629.6	3493.0
-55°	3298.0	3335.5	3352.3	3350.3	3352.3	3335.5	3298.0	3244.4	3174.5	3086.3	2986.2
-57.5°	2787.7	2816.0	2831.0	2833.1	2831.0	2816.0	2787.7	2748.6	2699.2	2638.9	2567.0
-60°	2372.9	2390.2	2401.0	2403.8	2401.0	2390.2	2372.9	2346.6	2311.4	2264.2	2207.7
-62.5°	2009.1	2025.7	2033.9	2033.0	2033.9	2025.7	2009.1	1984.5	1952.4	1914.9	1875.1
-65°	1626.6	1629.7	1636.4	1639.4	1636.4	1629.7	1626.6	1617.7	1603.1	1586.2	1563.8
-67.5°	1340.5	1339.4	1342.7	1343.4	1342.7	1339.4	1340.5	1337.3	1329.7	1316.2	1295.6
-70°	1090.3	1087.7	1078.2	1063.6	1078.2	1087.7	1090.3	1091.5	1092.7	1090.0	1075.9
-72.5°	808.6	771.5	733.9	692.8	733.9	771.5	808.6	844.4	879.8	904.3	896.5
-75°	585.5	524.6	504.0	484.7	504.0	524.6	585.5	644.4	701.1	744.1	738.9
-77.5°	429.3	371.4	354.4	338.3	354.4	371.4	429.3	485.0	537.8	580.7	578.7
-80°	292.6	250.3	242.1	234.2	242.1	250.3	292.6	333.5	372.8	407.4	411.9
-82.5°	183.7	152.5	147.8	143.1	147.8	152.5	183.7	213.7	242.1	267.5	265.4
-85°	85.2	71.3	69.8	68.3	69.8	71.3	85.2	98.5	111.1	122.5	119.9
-87.5°	14.5	13.0	11.4	9.8	11.4	13.0	14.5	16.0	17.5	18.8	19.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627963 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-750-U-WR-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°	19.9	20.3	20.7	21.7	22.6	23.4	24.0	23.2	22.4	21.6	20.8
85°	116.9	113.6	110.1	110.1	109.4	108.1	105.8	94.8	84.4	74.6	66.0
82.5°	262.1	257.5	251.6	242.9	234.1	225.2	215.1	192.3	170.3	149.2	131.8
80°	414.2	414.2	410.2	394.2	377.3	359.8	338.6	302.4	267.4	235.0	212.0
77.5°	575.7	571.9	564.0	542.5	520.7	498.6	470.9	424.1	377.4	332.4	303.3
75°	732.1	723.9	709.8	683.4	654.8	623.9	590.9	550.4	504.0	451.4	413.0
72.5°	886.5	874.4	855.9	827.9	796.2	762.8	727.8	688.1	642.6	591.0	552.2
70°	1059.0	1039.3	1014.4	982.7	949.7	914.5	878.2	837.6	790.3	738.7	697.9
67.5°	1269.8	1238.8	1203.6	1166.0	1130.0	1088.1	1045.3	999.1	951.2	897.1	845.6
65°	1532.2	1490.7	1443.7	1403.1	1354.5	1297.2	1232.8	1176.6	1121.1	1060.2	992.6
62.5°	1834.4	1793.8	1728.9	1662.1	1597.3	1531.8	1453.8	1375.2	1299.4	1222.9	1144.0
60°	2143.1	2070.3	1999.9	1923.4	1840.7	1752.0	1666.5	1576.7	1482.9	1390.8	1296.6
57.5°	2484.0	2394.0	2301.9	2203.1	2098.2	1997.3	1893.2	1781.5	1675.1	1563.7	1451.0
55°	2875.0	2766.6	2648.8	2519.7	2386.4	2266.5	2139.2	2011.3	1881.9	1741.7	1617.3
52.5°	3339.0	3203.7	3052.6	2885.2	2728.8	2570.0	2404.4	2259.3	2101.2	1945.4	1790.4
50°	3930.0	3738.3	3530.3	3319.2	3125.2	2915.7	2721.1	2530.2	2338.9	2158.5	1978.2
47.5°	4638.0	4384.3	4100.0	3837.9	3580.8	3321.1	3081.7	2829.2	2609.8	2382.7	2182.2
45°	5498.9	5160.8	4795.7	4462.7	4101.5	3787.9	3482.5	3192.2	2903.9	2647.3	2391.5
42.5°	6599.2	6106.7	5643.0	5201.4	4746.3	4334.0	3927.3	3583.2	3244.8	2927.2	2638.7
40°	8014.5	7297.1	6701.6	6067.7	5516.8	4964.6	4478.4	4001.6	3617.1	3240.9	2888.9
37.5°	9685.4	8845.6	7995.5	7128.1	6410.6	5716.8	5090.9	4529.5	4006.5	3578.7	3172.7
35°	11452.4	10503.8	9485.6	8469.4	7421.9	6581.5	5786.2	5094.5	4484.3	3932.5	3464.6
32.5°	13215.4	12174.0	11052.9	9893.7	8716.9	7540.6	6586.0	5729.2	4965.7	4337.4	3783.7
30°	14977.6	13834.7	12606.7	11340.6	10049.6	8729.3	7426.9	6426.0	5529.7	4741.6	4104.6
27.5°	16745.6	15507.0	14163.1	12770.2	11378.5	9938.8	8495.5	7144.9	6097.9	5207.4	4456.9
25°	18515.5	17130.4	15687.6	14171.4	12654.0	11123.5	9529.0	8023.3	6735.3	5673.4	4781.6
22.5°	20290.8	18735.6	17127.0	15498.4	13866.8	12231.3	10562.4	8883.8	7339.1	6147.4	5161.6
20°	22044.8	20298.2	18537.4	16772.1	15013.1	13264.2	11519.6	9727.7	8048.9	6638.1	5516.3
17.5°	23734.3	21794.0	19882.5	17968.8	16087.3	14233.1	12377.6	10506.3	8682.8	7074.9	5829.5
15°	25343.5	23226.3	21150.2	19095.3	17065.0	15073.6	13137.5	11190.0	9259.2	7530.5	6173.0
12.5°	26861.8	24551.2	22289.5	20059.1	17901.9	15814.7	13801.9	11790.2	9802.2	7974.3	6479.0
10°	28158.5	25679.5	23245.3	20893.2	18626.6	16445.1	14350.1	12297.9	10267.6	8343.6	6729.4
7.5°	29212.9	26586.9	24020.0	21552.2	19194.9	16946.9	14773.4	12687.6	10636.2	8632.3	6922.6
5°	29983.4	27254.1	24594.0	22040.6	19588.5	17312.2	15072.1	12954.0	10903.2	8837.6	7057.7
2.5°	30461.2	27657.9	24935.5	22337.4	19817.6	17531.5	15245.4	13115.0	11055.6	8950.5	7142.5
0°	30549.7	27846.7	25042.8	22369.1	19949.0	17597.3	15291.1	13173.6	11095.1	8974.3	7169.0
-2.5°	30461.2	27657.9	24935.5	22337.4	19817.6	17531.5	15245.4	13115.0	11055.6	8950.5	7142.5
-5°	29983.4	27254.1	24594.0	22040.6	19588.5	17312.2	15072.1	12954.0	10903.2	8837.6	7057.7
-7.5°	29212.9	26586.9	24020.0	21552.2	19194.9	16946.9	14773.4	12687.6	10636.2	8632.3	6922.6
-10°	28158.5	25679.5	23245.3	20893.2	18626.6	16445.1	14350.1	12297.9	10267.6	8343.6	6729.4
-12.5°	26861.8	24551.2	22289.5	20059.1	17901.9	15814.7	13801.9	11790.2	9802.2	7974.3	6479.0
-15°	25343.5	23226.3	21150.2	19095.3	17065.0	15073.6	13137.5	11190.0	9259.2	7530.5	6173.0
-17.5°	23734.3	21794.0	19882.5	17968.8	16087.3	14233.1	12377.6	10506.3	8682.8	7074.9	5829.5
-20°	22044.8	20298.2	18537.4	16772.1	15013.1	13264.2	11519.6	9727.7	8048.9	6638.1	5516.3



REPORT NUMBER: P627963 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-750-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	20290.8	18735.6	17127.0	15498.4	13866.8	12231.3	10562.4	8883.8	7339.1	6147.4	5161.6
-25°	18515.5	17130.4	15687.6	14171.4	12654.0	11123.5	9529.0	8023.3	6735.3	5673.4	4781.6
-27.5°	16745.6	15507.0	14163.1	12770.2	11378.5	9938.8	8495.5	7144.9	6097.9	5207.4	4456.9
-30°	14977.6	13834.7	12606.7	11340.6	10049.6	8729.3	7426.9	6426.0	5529.7	4741.6	4104.6
-32.5°	13215.4	12174.0	11052.9	9893.7	8716.9	7540.6	6586.0	5729.2	4965.7	4337.4	3783.7
-35°	11452.4	10503.8	9485.6	8469.4	7421.9	6581.5	5786.2	5094.5	4484.3	3932.5	3464.6
-37.5°	9685.4	8845.6	7995.5	7128.1	6410.6	5716.8	5090.9	4529.5	4006.5	3578.7	3172.7
-40°	8014.5	7297.1	6701.6	6067.7	5516.8	4964.6	4478.4	4001.6	3617.1	3240.9	2888.9
-42.5°	6599.2	6106.7	5643.0	5201.4	4746.3	4334.0	3927.3	3583.2	3244.8	2927.2	2638.7
-45°	5498.9	5160.8	4795.7	4462.7	4101.5	3787.9	3482.5	3192.2	2903.9	2647.3	2391.5
-47.5°	4638.0	4384.3	4100.0	3837.9	3580.8	3321.1	3081.7	2829.2	2609.8	2382.7	2182.2
-50°	3930.0	3738.3	3530.3	3319.2	3125.2	2915.7	2721.1	2530.2	2338.9	2158.5	1978.2
-52.5°	3339.0	3203.7	3052.6	2885.2	2728.8	2570.0	2404.4	2259.3	2101.2	1945.4	1790.4
-55°	2875.0	2766.6	2648.8	2519.7	2386.4	2266.5	2139.2	2011.3	1881.9	1741.7	1617.3
-57.5°	2484.0	2394.0	2301.9	2203.1	2098.2	1997.3	1893.2	1781.5	1675.1	1563.7	1451.0
-60°	2143.1	2070.3	1999.9	1923.4	1840.7	1752.0	1666.5	1576.7	1482.9	1390.8	1296.6
-62.5°	1834.4	1793.8	1728.9	1662.1	1597.3	1531.8	1453.8	1375.2	1299.4	1222.9	1144.0
-65°	1532.2	1490.7	1443.7	1403.1	1354.5	1297.2	1232.8	1176.6	1121.1	1060.2	992.6
-67.5°	1269.8	1238.8	1203.6	1166.0	1130.0	1088.1	1045.3	999.1	951.2	897.1	845.6
-70°	1059.0	1039.3	1014.4	982.7	949.7	914.5	878.2	837.6	790.3	738.7	697.9
-72.5°	886.5	874.4	855.9	827.9	796.2	762.8	727.8	688.1	642.6	591.0	552.2
-75°	732.1	723.9	709.8	683.4	654.8	623.9	590.9	550.4	504.0	451.4	413.0
-77.5°	575.7	571.9	564.0	542.5	520.7	498.6	470.9	424.1	377.4	332.4	303.3
-80°	414.2	414.2	410.2	394.2	377.3	359.8	338.6	302.4	267.4	235.0	212.0
-82.5°	262.1	257.5	251.6	242.9	234.1	225.2	215.1	192.3	170.3	149.2	131.8
-85°	116.9	113.6	110.1	110.1	109.4	108.1	105.8	94.8	84.4	74.6	66.0
-87.5°	19.9	20.3	20.7	21.7	22.6	23.4	24.0	23.2	22.4	21.6	20.8
-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: P627963 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-750-U-WR-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°	23.1	25.1	26.8	28.0	28.9	29.3	29.3	28.9	27.7	26.1	24.2
85°	69.0	70.4	70.1	68.0	63.5	58.7	58.7	57.8	55.4	52.3	48.4
82.5°	136.9	141.3	143.6	142.6	133.8	124.5	114.5	104.0	92.8	80.1	72.7
80°	220.1	224.9	226.5	222.8	207.1	190.2	175.5	160.5	145.6	128.9	110.2
77.5°	309.7	313.4	314.2	308.4	288.5	266.9	243.6	219.3	198.5	177.7	154.4
75°	406.1	407.3	406.4	396.0	371.5	343.6	315.4	285.1	254.7	226.4	198.5
72.5°	531.3	514.3	501.4	484.6	457.5	426.1	390.3	349.9	311.5	275.4	241.8
70°	662.2	626.2	598.1	572.3	542.4	509.2	469.4	418.7	367.3	323.5	282.6
67.5°	798.9	754.1	709.1	662.1	625.3	587.8	547.5	486.7	425.0	370.7	322.7
65°	932.0	876.7	825.7	764.6	711.1	665.4	619.9	551.0	480.6	417.2	361.8
62.5°	1066.0	991.9	928.0	861.8	797.3	740.7	689.3	610.8	533.8	461.9	398.9
60°	1203.8	1116.9	1030.0	953.5	880.6	811.9	747.9	668.8	585.4	504.4	434.1
57.5°	1346.5	1242.2	1142.8	1047.6	962.6	883.5	804.3	722.3	635.2	547.5	465.7
55°	1490.6	1372.8	1255.9	1146.8	1046.1	956.1	862.8	773.4	682.9	589.6	490.9
52.5°	1645.2	1507.0	1375.4	1247.9	1132.7	1026.8	925.4	823.4	728.4	630.0	518.4
50°	1808.9	1649.3	1498.9	1356.4	1218.5	1100.8	986.3	878.2	772.8	669.1	544.2
47.5°	1981.0	1800.3	1629.0	1465.8	1316.1	1172.2	1050.1	932.1	816.0	707.6	567.7
45°	2170.5	1955.6	1762.7	1583.5	1409.6	1253.4	1113.0	984.2	862.7	735.2	588.8
42.5°	2360.9	2123.1	1901.4	1697.4	1511.5	1335.4	1173.4	1038.2	907.7	760.5	609.5
40°	2580.5	2294.3	2040.9	1819.9	1612.1	1413.7	1242.8	1090.3	949.5	785.5	629.6
37.5°	2794.5	2478.6	2193.2	1936.6	1711.2	1502.0	1310.0	1139.8	982.6	812.9	647.7
35°	3046.8	2668.9	2338.2	2060.3	1813.4	1586.0	1373.2	1190.4	1018.9	839.2	663.9
32.5°	3291.9	2862.7	2501.5	2186.9	1909.8	1665.6	1440.2	1242.2	1055.7	864.2	678.1
30°	3561.1	3073.4	2655.4	2305.4	2005.6	1747.5	1507.7	1291.0	1093.0	887.9	691.9
27.5°	3819.7	3267.7	2805.1	2431.0	2106.8	1824.1	1570.1	1336.7	1130.3	912.5	709.1
25°	4076.0	3477.5	2970.1	2550.6	2199.8	1893.8	1627.5	1379.4	1167.0	940.1	724.5
22.5°	4354.1	3680.5	3118.8	2658.1	2283.8	1957.4	1682.2	1426.1	1200.6	966.4	737.9
20°	4609.9	3863.8	3251.6	2761.0	2367.3	2026.0	1733.5	1467.9	1230.8	991.2	749.3
17.5°	4851.1	4050.2	3399.7	2872.3	2446.3	2086.6	1778.6	1504.7	1257.5	1014.0	758.5
15°	5104.3	4235.3	3533.1	2968.6	2514.6	2138.8	1817.3	1536.2	1280.4	1034.4	767.3
12.5°	5320.5	4391.9	3645.1	3049.6	2572.0	2182.5	1849.6	1562.5	1299.6	1051.8	775.1
10°	5498.6	4519.1	3735.5	3115.1	2618.2	2217.6	1875.4	1583.8	1315.5	1065.4	779.4
7.5°	5637.3	4616.2	3803.8	3164.7	2653.6	2245.0	1896.8	1600.4	1327.9	1074.9	780.4
5°	5734.3	4683.9	3854.0	3199.4	2680.6	2264.6	1912.1	1611.4	1336.3	1080.1	778.1
2.5°	5785.2	4722.3	3884.8	3217.9	2696.0	2275.3	1920.6	1616.8	1340.5	1080.8	772.7
0°	5793.1	4729.5	3893.5	3220.2	2699.8	2276.9	1922.4	1616.6	1340.1	1076.7	764.4
-2.5°	5785.2	4722.3	3884.8	3217.9	2696.0	2275.3	1920.6	1616.8	1340.5	1080.8	772.7
-5°	5734.3	4683.9	3854.0	3199.4	2680.6	2264.6	1912.1	1611.4	1336.3	1080.1	778.1
-7.5°	5637.3	4616.2	3803.8	3164.7	2653.6	2245.0	1896.8	1600.4	1327.9	1074.9	780.4
-10°	5498.6	4519.1	3735.5	3115.1	2618.2	2217.6	1875.4	1583.8	1315.5	1065.4	779.4
-12.5°	5320.5	4391.9	3645.1	3049.6	2572.0	2182.5	1849.6	1562.5	1299.6	1051.8	775.1
-15°	5104.3	4235.3	3533.1	2968.6	2514.6	2138.8	1817.3	1536.2	1280.4	1034.4	767.3
-17.5°	4851.1	4050.2	3399.7	2872.3	2446.3	2086.6	1778.6	1504.7	1257.5	1014.0	758.5
-20°	4609.9	3863.8	3251.6	2761.0	2367.3	2026.0	1733.5	1467.9	1230.8	991.2	749.3

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

Scaled Data Report



REPORT NUMBER: P627963 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	4354.1	3680.5	3118.8	2658.1	2283.8	1957.4	1682.2	1426.1	1200.6	966.4	737.9
-25°	4076.0	3477.5	2970.1	2550.6	2199.8	1893.8	1627.5	1379.4	1167.0	940.1	724.5
-27.5°	3819.7	3267.7	2805.1	2431.0	2106.8	1824.1	1570.1	1336.7	1130.3	912.5	709.1
-30°	3561.1	3073.4	2655.4	2305.4	2005.6	1747.5	1507.7	1291.0	1093.0	887.9	691.9
-32.5°	3291.9	2862.7	2501.5	2186.9	1909.8	1665.6	1440.2	1242.2	1055.7	864.2	678.1
-35°	3046.8	2668.9	2338.2	2060.3	1813.4	1586.0	1373.2	1190.4	1018.9	839.2	663.9
-37.5°	2794.5	2478.6	2193.2	1936.6	1711.2	1502.0	1310.0	1139.8	982.6	812.9	647.7
-40°	2580.5	2294.3	2040.9	1819.9	1612.1	1413.7	1242.8	1090.3	949.5	785.5	629.6
-42.5°	2360.9	2123.1	1901.4	1697.4	1511.5	1335.4	1173.4	1038.2	907.7	760.5	609.5
-45°	2170.5	1955.6	1762.7	1583.5	1409.6	1253.4	1113.0	984.2	862.7	735.2	588.8
-47.5°	1981.0	1800.3	1629.0	1465.8	1316.1	1172.2	1050.1	932.1	816.0	707.6	567.7
-50°	1808.9	1649.3	1498.9	1356.4	1218.5	1100.8	986.3	878.2	772.8	669.1	544.2
-52.5°	1645.2	1507.0	1375.4	1247.9	1132.7	1026.8	925.4	823.4	728.4	630.0	518.4
-55°	1490.6	1372.8	1255.9	1146.8	1046.1	956.1	862.8	773.4	682.9	589.6	490.9
-57.5°	1346.5	1242.2	1142.8	1047.6	962.6	883.5	804.3	722.3	635.2	547.5	465.7
-60°	1203.8	1116.9	1030.0	953.5	880.6	811.9	747.9	668.8	585.4	504.4	434.1
-62.5°	1066.0	991.9	928.0	861.8	797.3	740.7	689.3	610.8	533.8	461.9	398.9
-65°	932.0	876.7	825.7	764.6	711.1	665.4	619.9	551.0	480.6	417.2	361.8
-67.5°	798.9	754.1	709.1	662.1	625.3	587.8	547.5	486.7	425.0	370.7	322.7
-70°	662.2	626.2	598.1	572.3	542.4	509.2	469.4	418.7	367.3	323.5	282.6
-72.5°	531.3	514.3	501.4	484.6	457.5	426.1	390.3	349.9	311.5	275.4	241.8
-75°	406.1	407.3	406.4	396.0	371.5	343.6	315.4	285.1	254.7	226.4	198.5
-77.5°	309.7	313.4	314.2	308.4	288.5	266.9	243.6	219.3	198.5	177.7	154.4
-80°	220.1	224.9	226.5	222.8	207.1	190.2	175.5	160.5	145.6	128.9	110.2
-82.5°	136.9	141.3	143.6	142.6	133.8	124.5	114.5	104.0	92.8	80.1	72.7
-85°	69.0	70.4	70.1	68.0	63.5	58.7	58.7	57.8	55.4	52.3	48.4
-87.5°	23.1	25.1	26.8	28.0	28.9	29.3	29.3	28.9	27.7	26.1	24.2
-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: P627963 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-750-U-WR-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°	21.9	17.1	12.7	8.8	5.4	2.3	0.0
85°	43.7	34.1	25.4	17.6	10.7	4.7	0.0
82.5°	65.3	50.9	37.9	26.3	16.1	7.0	0.0
80°	88.7	67.6	50.4	34.9	21.4	9.3	0.0
77.5°	126.5	87.9	62.6	43.5	26.6	11.6	0.0
75°	163.4	115.0	75.8	51.8	31.7	13.8	0.0
72.5°	199.0	141.1	93.9	60.0	36.7	16.0	0.0
70°	232.8	166.3	111.4	68.6	41.6	18.2	0.0
67.5°	262.2	190.3	128.1	79.3	46.3	20.3	0.0
65°	290.2	212.4	144.0	89.5	50.9	22.3	0.0
62.5°	316.5	232.6	158.9	99.1	55.3	24.3	0.0
60°	341.2	251.6	172.9	108.2	59.6	26.3	0.0
57.5°	363.5	269.3	186.0	116.7	64.7	28.1	0.0
55°	384.1	285.6	198.1	124.6	69.7	29.9	0.0
52.5°	403.0	300.5	209.2	131.7	74.5	31.6	0.0
50°	420.1	314.2	219.3	138.2	79.1	33.3	0.0
47.5°	435.9	326.5	228.4	144.1	83.4	34.8	0.0
45°	453.8	337.4	236.3	150.0	87.6	36.2	0.0
42.5°	469.7	346.9	243.2	155.2	91.5	37.6	0.0
40°	483.7	355.0	249.4	160.9	95.1	38.9	0.0
37.5°	495.6	361.5	254.9	166.7	98.5	40.0	0.0
35°	505.5	368.9	259.4	172.0	101.7	41.1	0.0
32.5°	514.6	375.9	262.8	176.9	104.6	42.1	0.0
30°	524.7	381.3	265.2	181.3	107.2	42.9	0.0
27.5°	533.0	385.2	270.8	185.1	109.6	43.7	0.0
25°	539.4	387.5	276.3	188.5	111.7	44.4	0.0
22.5°	544.0	390.6	281.1	191.4	113.5	44.9	0.0
20°	546.6	397.7	285.2	193.8	115.0	45.4	0.0
17.5°	552.8	403.5	288.7	195.7	116.2	45.7	0.0
15°	560.1	408.0	291.4	197.1	117.2	46.0	0.0
12.5°	565.5	411.4	293.5	198.0	117.9	46.1	0.0
10°	568.8	413.5	294.8	198.4	118.3	46.2	0.0
7.5°	570.1	414.3	295.4	198.3	118.4	46.2	0.0
5°	569.5	414.0	295.2	197.7	118.3	46.0	0.0
2.5°	567.0	412.5	294.3	196.7	117.8	45.8	0.0
0°	562.7	409.8	292.7	195.2	117.1	45.5	0.0
-2.5°	567.0	412.5	294.3	196.7	117.8	45.8	0.0
-5°	569.5	414.0	295.2	197.7	118.3	46.0	0.0
-7.5°	570.1	414.3	295.4	198.3	118.4	46.2	0.0
-10°	568.8	413.5	294.8	198.4	118.3	46.2	0.0
-12.5°	565.5	411.4	293.5	198.0	117.9	46.1	0.0
-15°	560.1	408.0	291.4	197.1	117.2	46.0	0.0
-17.5°	552.8	403.5	288.7	195.7	116.2	45.7	0.0
-20°	546.6	397.7	285.2	193.8	115.0	45.4	0.0

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1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627963 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	544.0	390.6	281.1	191.4	113.5	44.9	0.0
-25°	539.4	387.5	276.3	188.5	111.7	44.4	0.0
-27.5°	533.0	385.2	270.8	185.1	109.6	43.7	0.0
-30°	524.7	381.3	265.2	181.3	107.2	42.9	0.0
-32.5°	514.6	375.9	262.8	176.9	104.6	42.1	0.0
-35°	505.5	368.9	259.4	172.0	101.7	41.1	0.0
-37.5°	495.6	361.5	254.9	166.7	98.5	40.0	0.0
-40°	483.7	355.0	249.4	160.9	95.1	38.9	0.0
-42.5°	469.7	346.9	243.2	155.2	91.5	37.6	0.0
-45°	453.8	337.4	236.3	150.0	87.6	36.2	0.0
-47.5°	435.9	326.5	228.4	144.1	83.4	34.8	0.0
-50°	420.1	314.2	219.3	138.2	79.1	33.3	0.0
-52.5°	403.0	300.5	209.2	131.7	74.5	31.6	0.0
-55°	384.1	285.6	198.1	124.6	69.7	29.9	0.0
-57.5°	363.5	269.3	186.0	116.7	64.7	28.1	0.0
-60°	341.2	251.6	172.9	108.2	59.6	26.3	0.0
-62.5°	316.5	232.6	158.9	99.1	55.3	24.3	0.0
-65°	290.2	212.4	144.0	89.5	50.9	22.3	0.0
-67.5°	262.2	190.3	128.1	79.3	46.3	20.3	0.0
-70°	232.8	166.3	111.4	68.6	41.6	18.2	0.0
-72.5°	199.0	141.1	93.9	60.0	36.7	16.0	0.0
-75°	163.4	115.0	75.8	51.8	31.7	13.8	0.0
-77.5°	126.5	87.9	62.6	43.5	26.6	11.6	0.0
-80°	88.7	67.6	50.4	34.9	21.4	9.3	0.0
-82.5°	65.3	50.9	37.9	26.3	16.1	7.0	0.0
-85°	43.7	34.1	25.4	17.6	10.7	4.7	0.0
-87.5°	21.9	17.1	12.7	8.8	5.4	2.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)