

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: P627121 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-750-U-VWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627121 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-17)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3B-750-U-VWR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N81
Light Source: (48) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

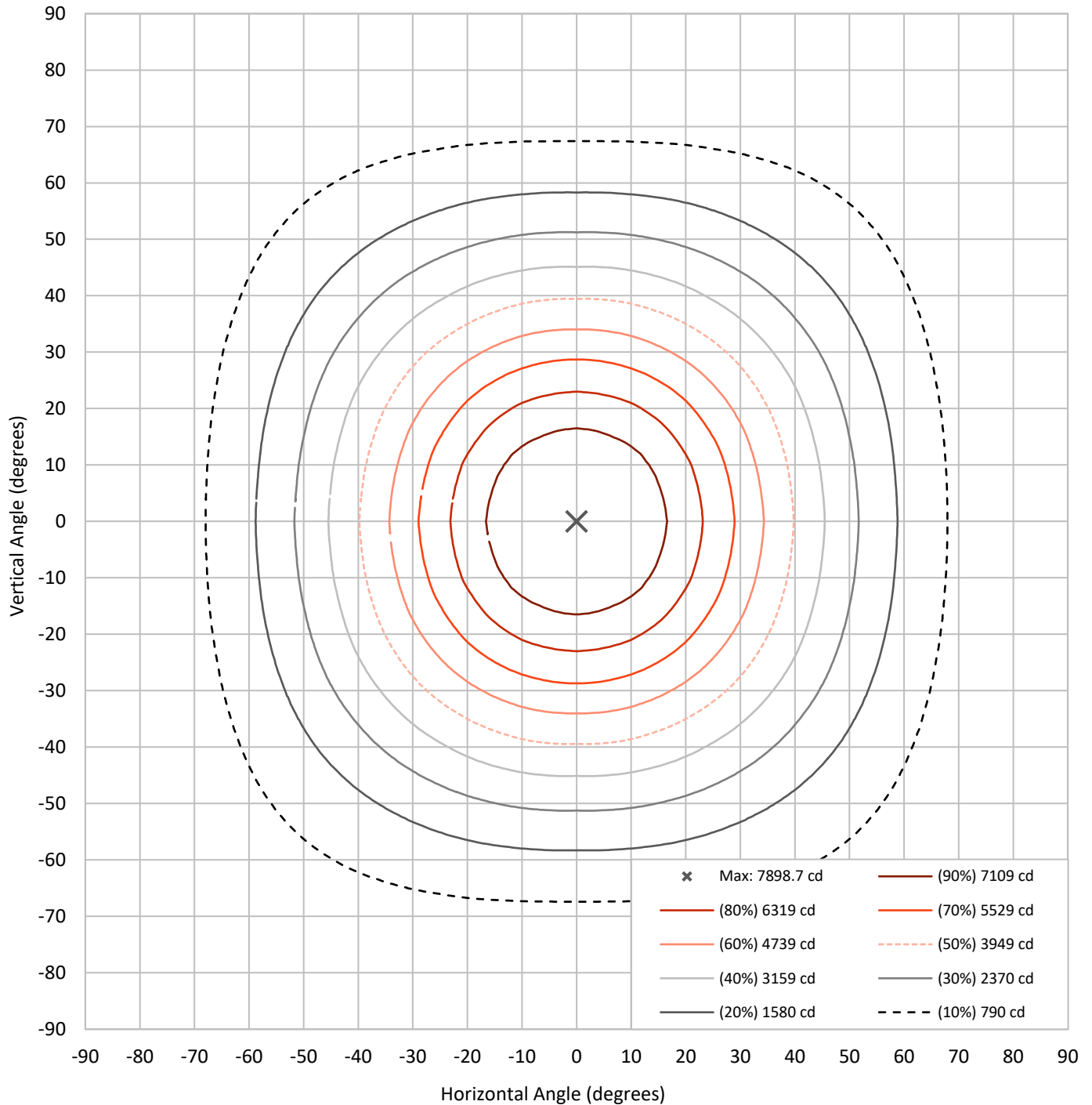
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	14276.2 lumens	Max Intensity:	7898.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	152.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	79.6°H x 78.9°V	Field Angle (10%):	135.9°H x 134.8°V
Beam Lumens:	8373.1 lumens	Field Lumens:	13610 lumens
Beam Efficiency:	58.7%	Field Efficiency:	95.3%
Input Watts (W):	93.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



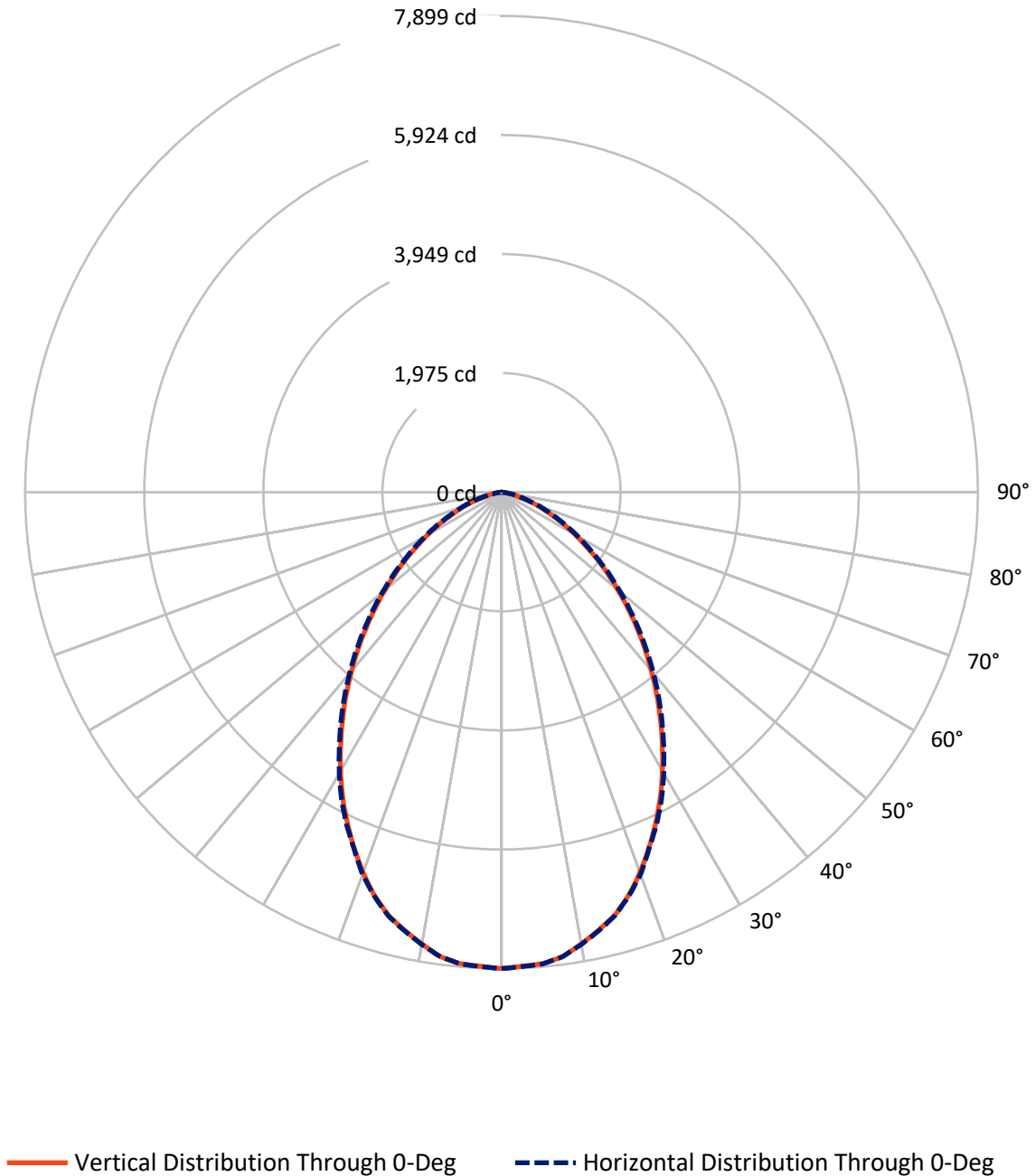
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Iso-Candela Plot



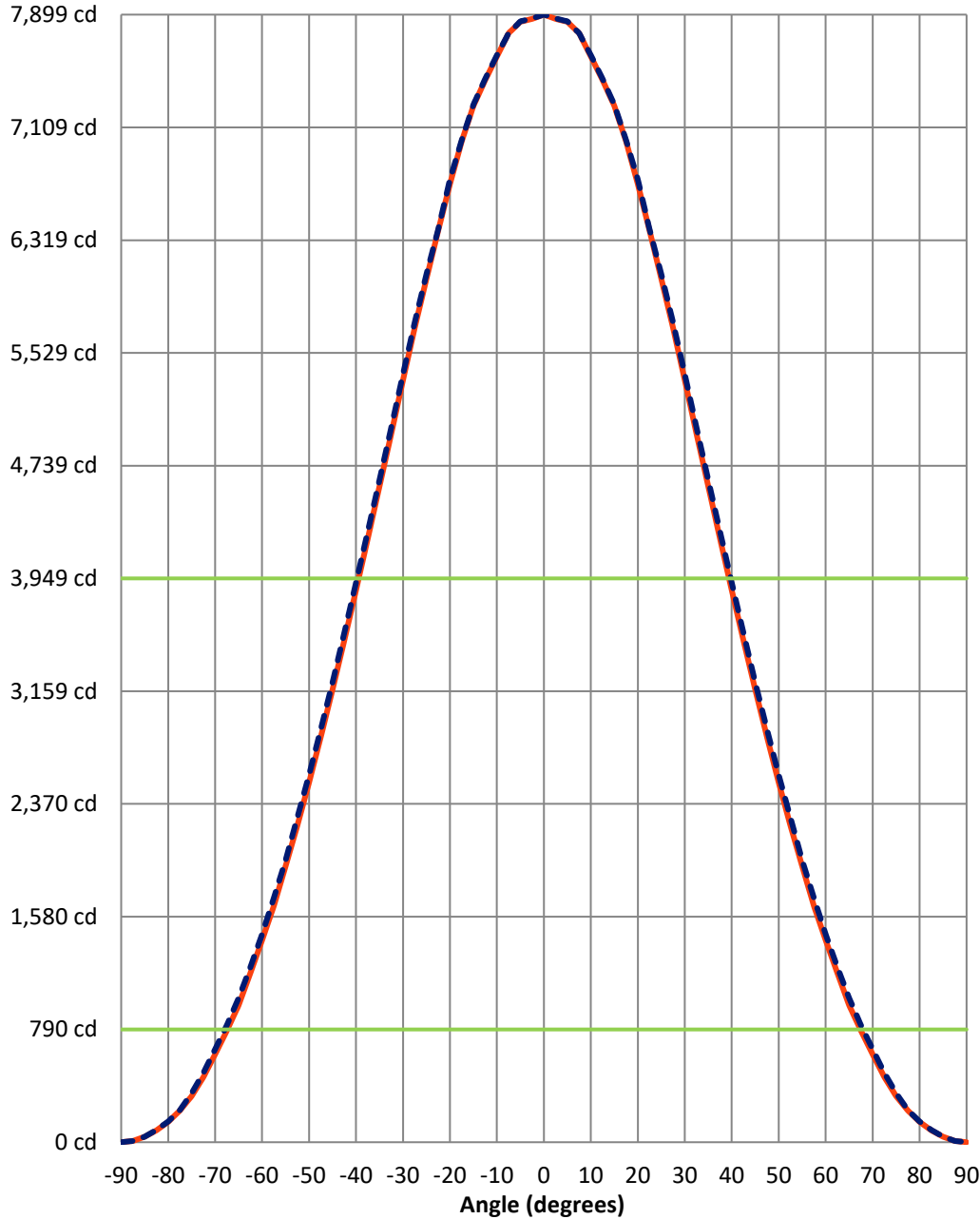
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 79.6°
 V Angle: 78.9°
 Lumens: 8373.1
 Efficiency: 58.7%

Field:
 H Angle: 135.9°
 V Angle: 134.8°
 Lumens: 13610
 Efficiency: 95.3%

Spill:
 Lumens: 666.3
 Efficiency: 4.7%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 0-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.5	1.0	1.5	2.0	2.6	3.1	3.5	4.0	4.5	5.0
85°	0.0	0.9	2.1	3.1	4.1	5.1	6.1	7.1	8.1	9.0	10.0
82.5°	0.0	1.3	3.1	4.6	6.1	7.6	9.1	10.6	13.3	21.0	28.3
80°	0.0	1.8	4.1	6.1	8.2	10.2	13.8	24.5	34.9	44.8	54.4
77.5°	0.0	2.2	5.1	7.6	10.2	16.0	30.0	43.6	56.4	68.6	83.8
75°	0.0	2.7	6.1	9.1	13.3	27.6	45.9	62.6	78.5	100.4	123.7
72.5°	0.0	3.1	7.0	10.6	21.2	39.0	61.3	82.9	107.9	134.6	162.8
70°	0.0	3.5	7.9	12.7	28.8	50.0	76.7	107.3	136.7	168.2	204.9
67.5°	0.0	3.9	8.9	17.5	36.2	60.5	95.1	131.1	164.9	204.6	246.7
65°	0.0	4.3	9.7	22.0	43.2	72.2	112.8	154.3	195.4	240.0	285.9
62.5°	0.0	4.7	10.6	26.3	49.8	85.0	129.5	178.5	224.8	273.8	320.9
60°	0.0	5.1	11.4	30.4	56.1	97.2	145.3	202.5	253.1	305.4	355.4
57.5°	0.0	5.4	13.7	34.3	64.4	108.6	161.9	224.9	281.0	336.5	388.1
55°	0.0	5.8	16.0	37.9	72.3	119.2	177.7	244.2	308.5	366.6	419.6
52.5°	0.0	6.1	18.1	41.2	79.7	129.3	192.2	264.4	335.3	394.2	450.2
50°	0.0	6.4	20.2	44.2	86.5	140.0	205.6	283.5	360.8	421.0	485.3
47.5°	0.0	6.7	22.2	47.4	92.7	149.8	218.1	301.3	383.9	447.0	519.7
45°	0.0	7.0	24.1	51.5	98.2	158.6	232.0	317.6	401.9	476.4	552.6
42.5°	0.0	7.3	25.8	55.2	103.1	166.5	244.8	332.7	419.0	504.5	591.3
40°	0.0	7.5	27.5	59.0	108.1	173.3	256.3	347.0	436.9	530.9	629.1
37.5°	0.0	7.8	29.1	62.8	113.0	179.2	266.7	360.5	456.9	555.8	664.4
35°	0.0	8.0	30.5	66.3	117.2	185.9	275.9	373.2	476.5	584.6	700.1
32.5°	0.0	8.2	31.9	69.5	120.8	192.7	284.3	385.1	495.4	612.3	737.9
30°	0.0	8.3	33.1	72.5	123.6	198.5	293.1	397.1	513.7	638.7	773.2
27.5°	0.0	8.5	34.2	75.2	127.8	203.3	301.0	410.9	532.6	663.8	805.9
25°	0.0	8.6	35.2	77.6	131.8	207.1	308.0	423.8	552.2	689.3	836.2
22.5°	0.0	8.7	36.1	79.7	135.3	210.9	313.9	435.6	570.3	713.5	868.5
20°	0.0	8.8	36.8	81.5	138.3	216.1	318.8	446.2	586.7	735.1	897.4
17.5°	0.0	8.9	37.4	83.1	140.9	220.4	325.0	455.5	601.3	754.1	922.9
15°	0.0	9.0	38.0	84.3	142.9	223.8	331.4	464.4	614.0	770.3	944.9
12.5°	0.0	9.0	38.3	85.3	144.5	226.2	336.6	472.7	625.5	783.8	963.3
10°	0.0	9.0	38.6	86.0	145.5	227.7	340.5	479.2	635.4	796.5	978.8
7.5°	0.0	9.0	38.8	86.4	146.1	228.3	343.2	483.7	643.0	806.7	992.2
5°	0.0	9.0	38.8	86.5	146.3	228.0	344.6	486.3	648.3	814.1	1001.8
2.5°	0.0	9.0	38.7	86.3	145.9	226.9	344.7	486.9	651.1	818.6	1007.6
0°	0.0	8.9	38.5	85.9	145.1	225.0	343.4	485.5	651.3	820.1	1009.5
-2.5°	0.0	9.0	38.7	86.3	145.9	226.9	344.7	486.9	651.1	818.6	1007.6
-5°	0.0	9.0	38.8	86.5	146.3	228.0	344.6	486.3	648.3	814.1	1001.8
-7.5°	0.0	9.0	38.8	86.4	146.1	228.3	343.2	483.7	643.0	806.7	992.2
-10°	0.0	9.0	38.6	86.0	145.5	227.7	340.5	479.2	635.4	796.5	978.8
-12.5°	0.0	9.0	38.3	85.3	144.5	226.2	336.6	472.7	625.5	783.8	963.3
-15°	0.0	9.0	38.0	84.3	142.9	223.8	331.4	464.4	614.0	770.3	944.9
-17.5°	0.0	8.9	37.4	83.1	140.9	220.4	325.0	455.5	601.3	754.1	922.9
-20°	0.0	8.8	36.8	81.5	138.3	216.1	318.8	446.2	586.7	735.1	897.4

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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	8.7	36.1	79.7	135.3	210.9	313.9	435.6	570.3	713.5	868.5
-25°	0.0	8.6	35.2	77.6	131.8	207.1	308.0	423.8	552.2	689.3	836.2
-27.5°	0.0	8.5	34.2	75.2	127.8	203.3	301.0	410.9	532.6	663.8	805.9
-30°	0.0	8.3	33.1	72.5	123.6	198.5	293.1	397.1	513.7	638.7	773.2
-32.5°	0.0	8.2	31.9	69.5	120.8	192.7	284.3	385.1	495.4	612.3	737.9
-35°	0.0	8.0	30.5	66.3	117.2	185.9	275.9	373.2	476.5	584.6	700.1
-37.5°	0.0	7.8	29.1	62.8	113.0	179.2	266.7	360.5	456.9	555.8	664.4
-40°	0.0	7.5	27.5	59.0	108.1	173.3	256.3	347.0	436.9	530.9	629.1
-42.5°	0.0	7.3	25.8	55.2	103.1	166.5	244.8	332.7	419.0	504.5	591.3
-45°	0.0	7.0	24.1	51.5	98.2	158.6	232.0	317.6	401.9	476.4	552.6
-47.5°	0.0	6.7	22.2	47.4	92.7	149.8	218.1	301.3	383.9	447.0	519.7
-50°	0.0	6.4	20.2	44.2	86.5	140.0	205.6	283.5	360.8	421.0	485.3
-52.5°	0.0	6.1	18.1	41.2	79.7	129.3	192.2	264.4	335.3	394.2	450.2
-55°	0.0	5.8	16.0	37.9	72.3	119.2	177.7	244.2	308.5	366.6	419.6
-57.5°	0.0	5.4	13.7	34.3	64.4	108.6	161.9	224.9	281.0	336.5	388.1
-60°	0.0	5.1	11.4	30.4	56.1	97.2	145.3	202.5	253.1	305.4	355.4
-62.5°	0.0	4.7	10.6	26.3	49.8	85.0	129.5	178.5	224.8	273.8	320.9
-65°	0.0	4.3	9.7	22.0	43.2	72.2	112.8	154.3	195.4	240.0	285.9
-67.5°	0.0	3.9	8.9	17.5	36.2	60.5	95.1	131.1	164.9	204.6	246.7
-70°	0.0	3.5	7.9	12.7	28.8	50.0	76.7	107.3	136.7	168.2	204.9
-72.5°	0.0	3.1	7.0	10.6	21.2	39.0	61.3	82.9	107.9	134.6	162.8
-75°	0.0	2.7	6.1	9.1	13.3	27.6	45.9	62.6	78.5	100.4	123.7
-77.5°	0.0	2.2	5.1	7.6	10.2	16.0	30.0	43.6	56.4	68.6	83.8
-80°	0.0	1.8	4.1	6.1	8.2	10.2	13.8	24.5	34.9	44.8	54.4
-82.5°	0.0	1.3	3.1	4.6	6.1	7.6	9.1	10.6	13.3	21.0	28.3
-85°	0.0	0.9	2.1	3.1	4.1	5.1	6.1	7.1	8.1	9.0	10.0
-87.5°	0.0	0.5	1.0	1.5	2.0	2.6	3.1	3.5	4.0	4.5	5.0
-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: P627121 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-750-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.8	6.6	7.5	8.5	8.6	8.6	8.5	8.3	8.7	9.0	9.4
85°	11.6	13.3	18.4	23.4	25.8	27.3	28.0	27.8	32.4	37.7	43.4
82.5°	36.0	43.4	50.5	57.3	59.0	59.0	58.4	58.6	69.3	81.5	94.1
80°	64.1	73.5	86.0	97.1	101.9	104.4	105.6	105.4	118.9	136.8	155.7
77.5°	101.7	117.6	131.4	143.1	149.4	155.0	159.6	163.1	180.4	203.1	225.6
75°	144.6	162.0	179.3	194.3	204.9	212.7	220.0	231.7	254.4	280.8	303.9
72.5°	189.8	212.0	231.3	247.6	262.4	278.1	295.7	314.9	338.9	365.3	389.4
70°	238.2	262.6	282.7	302.4	322.5	346.1	372.4	398.4	425.1	454.3	482.3
67.5°	285.4	308.9	332.7	357.5	387.7	419.2	450.3	486.1	522.7	555.1	584.1
65°	326.4	354.0	383.7	417.5	454.7	494.7	536.3	579.2	625.6	664.5	700.0
62.5°	365.6	398.8	434.9	476.9	524.4	571.8	624.9	678.6	730.8	776.7	819.0
60°	401.7	441.9	487.6	539.1	594.6	657.5	718.0	779.0	836.4	888.3	941.8
57.5°	436.8	487.5	542.3	604.1	674.2	745.0	816.0	881.7	946.5	1009.8	1070.4
55°	474.0	535.0	600.3	676.1	755.2	838.8	915.2	988.6	1060.1	1136.8	1209.8
52.5°	515.0	583.1	664.7	749.7	840.9	930.7	1014.7	1098.2	1184.6	1271.5	1366.5
50°	554.5	639.4	728.9	827.6	926.2	1022.4	1118.7	1214.9	1318.4	1425.0	1532.6
47.5°	600.6	693.3	799.0	904.9	1012.6	1119.6	1227.0	1343.2	1460.8	1584.4	1703.5
45°	647.3	751.5	865.3	985.1	1101.6	1220.1	1345.6	1474.1	1612.1	1748.0	1891.2
42.5°	691.6	809.4	934.8	1064.1	1193.8	1326.2	1464.2	1614.4	1765.1	1921.8	2079.2
40°	740.6	864.4	1002.7	1145.2	1285.8	1432.6	1590.4	1753.0	1923.5	2095.8	2266.8
37.5°	787.7	923.8	1069.2	1222.6	1380.4	1541.7	1713.0	1897.6	2082.5	2268.0	2456.5
35°	831.9	980.1	1137.6	1300.5	1467.8	1651.2	1842.8	2039.9	2240.2	2440.8	2643.6
32.5°	877.3	1033.2	1203.0	1377.3	1561.7	1758.4	1968.2	2181.7	2395.1	2609.3	2831.2
30°	922.8	1088.9	1266.4	1449.9	1651.7	1866.0	2091.5	2317.6	2543.4	2779.0	3015.6
27.5°	965.8	1141.8	1328.6	1525.0	1737.9	1965.6	2205.1	2447.4	2690.7	2941.3	3193.5
25°	1005.4	1191.9	1386.3	1597.3	1822.9	2061.5	2310.9	2563.8	2830.6	3098.7	3362.2
22.5°	1043.9	1237.8	1439.8	1663.8	1899.9	2150.5	2410.2	2677.2	2956.0	3244.0	3516.7
20°	1081.1	1281.6	1491.9	1724.2	1968.9	2230.6	2500.5	2780.0	3072.6	3368.2	3661.5
17.5°	1114.1	1320.5	1540.3	1780.5	2034.7	2303.9	2581.8	2870.5	3176.1	3482.6	3793.3
15°	1142.8	1354.4	1582.3	1829.7	2092.9	2370.5	2657.3	2954.2	3267.7	3586.8	3909.9
12.5°	1167.1	1383.1	1617.6	1871.6	2142.3	2427.6	2722.1	3029.5	3351.4	3679.5	4011.9
10°	1186.9	1406.5	1646.2	1905.8	2182.6	2474.8	2775.5	3091.6	3423.1	3758.4	4097.8
7.5°	1203.7	1426.0	1668.9	1932.1	2213.7	2511.7	2817.1	3140.0	3480.3	3819.9	4166.8
5°	1215.9	1441.8	1689.7	1954.2	2240.7	2540.6	2848.6	3174.5	3522.1	3863.6	4216.8
2.5°	1223.2	1452.0	1703.9	1968.6	2261.9	2562.2	2876.6	3205.0	3552.7	3898.4	4254.4
0°	1225.7	1456.6	1711.2	1974.7	2273.7	2572.7	2892.4	3221.1	3567.4	3919.8	4278.0
-2.5°	1223.2	1452.0	1703.9	1968.6	2261.9	2562.2	2876.6	3205.0	3552.7	3898.4	4254.4
-5°	1215.9	1441.8	1689.7	1954.2	2240.7	2540.6	2848.6	3174.5	3522.1	3863.6	4216.8
-7.5°	1203.7	1426.0	1668.9	1932.1	2213.7	2511.7	2817.1	3140.0	3480.3	3819.9	4166.8
-10°	1186.9	1406.5	1646.2	1905.8	2182.6	2474.8	2775.5	3091.6	3423.1	3758.4	4097.8
-12.5°	1167.1	1383.1	1617.6	1871.6	2142.3	2427.6	2722.1	3029.5	3351.4	3679.5	4011.9
-15°	1142.8	1354.4	1582.3	1829.7	2092.9	2370.5	2657.3	2954.2	3267.7	3586.8	3909.9
-17.5°	1114.1	1320.5	1540.3	1780.5	2034.7	2303.9	2581.8	2870.5	3176.1	3482.6	3793.3
-20°	1081.1	1281.6	1491.9	1724.2	1968.9	2230.6	2500.5	2780.0	3072.6	3368.2	3661.5

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CATALOG NUMBER: GFLD-SA3B-750-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1043.9	1237.8	1439.8	1663.8	1899.9	2150.5	2410.2	2677.2	2956.0	3244.0	3516.7
-25°	1005.4	1191.9	1386.3	1597.3	1822.9	2061.5	2310.9	2563.8	2830.6	3098.7	3362.2
-27.5°	965.8	1141.8	1328.6	1525.0	1737.9	1965.6	2205.1	2447.4	2690.7	2941.3	3193.5
-30°	922.8	1088.9	1266.4	1449.9	1651.7	1866.0	2091.5	2317.6	2543.4	2779.0	3015.6
-32.5°	877.3	1033.2	1203.0	1377.3	1561.7	1758.4	1968.2	2181.7	2395.1	2609.3	2831.2
-35°	831.9	980.1	1137.6	1300.5	1467.8	1651.2	1842.8	2039.9	2240.2	2440.8	2643.6
-37.5°	787.7	923.8	1069.2	1222.6	1380.4	1541.7	1713.0	1897.6	2082.5	2268.0	2456.5
-40°	740.6	864.4	1002.7	1145.2	1285.8	1432.6	1590.4	1753.0	1923.5	2095.8	2266.8
-42.5°	691.6	809.4	934.8	1064.1	1193.8	1326.2	1464.2	1614.4	1765.1	1921.8	2079.2
-45°	647.3	751.5	865.3	985.1	1101.6	1220.1	1345.6	1474.1	1612.1	1748.0	1891.2
-47.5°	600.6	693.3	799.0	904.9	1012.6	1119.6	1227.0	1343.2	1460.8	1584.4	1703.5
-50°	554.5	639.4	728.9	827.6	926.2	1022.4	1118.7	1214.9	1318.4	1425.0	1532.6
-52.5°	515.0	583.1	664.7	749.7	840.9	930.7	1014.7	1098.2	1184.6	1271.5	1366.5
-55°	474.0	535.0	600.3	676.1	755.2	838.8	915.2	988.6	1060.1	1136.8	1209.8
-57.5°	436.8	487.5	542.3	604.1	674.2	745.0	816.0	881.7	946.5	1009.8	1070.4
-60°	401.7	441.9	487.6	539.1	594.6	657.5	718.0	779.0	836.4	888.3	941.8
-62.5°	365.6	398.8	434.9	476.9	524.4	571.8	624.9	678.6	730.8	776.7	819.0
-65°	326.4	354.0	383.7	417.5	454.7	494.7	536.3	579.2	625.6	664.5	700.0
-67.5°	285.4	308.9	332.7	357.5	387.7	419.2	450.3	486.1	522.7	555.1	584.1
-70°	238.2	262.6	282.7	302.4	322.5	346.1	372.4	398.4	425.1	454.3	482.3
-72.5°	189.8	212.0	231.3	247.6	262.4	278.1	295.7	314.9	338.9	365.3	389.4
-75°	144.6	162.0	179.3	194.3	204.9	212.7	220.0	231.7	254.4	280.8	303.9
-77.5°	101.7	117.6	131.4	143.1	149.4	155.0	159.6	163.1	180.4	203.1	225.6
-80°	64.1	73.5	86.0	97.1	101.9	104.4	105.6	105.4	118.9	136.8	155.7
-82.5°	36.0	43.4	50.5	57.3	59.0	59.0	58.4	58.6	69.3	81.5	94.1
-85°	11.6	13.3	18.4	23.4	25.8	27.3	28.0	27.8	32.4	37.7	43.4
-87.5°	5.8	6.6	7.5	8.5	8.6	8.6	8.5	8.3	8.7	9.0	9.4
-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: P627121 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	9.7	10.0	10.2	10.5	10.7	10.9	11.1	11.3	11.4	10.8	10.2
85°	49.5	53.0	56.2	59.3	62.3	65.1	67.8	70.3	72.5	66.2	59.3
82.5°	106.8	115.4	123.5	131.6	139.7	141.7	142.3	142.0	140.9	129.9	117.7
80°	174.4	188.9	202.5	216.1	229.5	231.0	229.5	226.7	222.8	208.3	191.9
77.5°	248.1	266.3	282.3	296.9	310.3	312.8	312.4	311.8	310.7	295.9	278.0
75°	323.6	341.4	358.7	373.3	385.6	391.2	394.0	395.9	397.0	386.4	372.5
72.5°	411.2	429.8	445.0	459.3	471.3	480.0	486.3	491.0	494.2	491.0	485.3
70°	506.3	526.2	543.0	559.1	575.4	588.5	598.4	605.6	610.1	613.1	615.2
67.5°	613.3	640.1	663.5	683.4	703.2	721.7	736.9	749.3	758.9	767.1	773.3
65°	733.9	768.2	798.5	826.4	851.9	878.8	900.8	919.3	934.2	946.5	956.4
62.5°	860.8	902.7	941.7	979.4	1016.5	1052.9	1080.9	1106.4	1129.1	1148.6	1164.1
60°	992.5	1040.1	1092.4	1142.3	1188.3	1230.2	1271.9	1308.0	1338.9	1364.5	1385.2
57.5°	1134.1	1195.8	1256.9	1318.9	1377.5	1432.3	1483.6	1528.9	1567.1	1598.5	1624.8
55°	1287.1	1364.3	1435.2	1513.4	1588.9	1657.7	1718.2	1771.4	1817.5	1856.1	1888.8
52.5°	1455.3	1549.1	1641.2	1730.2	1815.9	1895.7	1968.2	2030.2	2085.3	2132.6	2170.3
50°	1639.4	1746.7	1853.4	1952.4	2050.9	2142.9	2226.0	2297.9	2362.1	2417.6	2461.3
47.5°	1831.9	1954.0	2073.2	2186.5	2295.5	2397.7	2487.7	2569.7	2649.7	2714.9	2766.5
45°	2031.8	2168.8	2300.3	2429.8	2549.9	2664.4	2775.4	2877.5	2959.6	3031.5	3091.9
42.5°	2234.1	2387.0	2534.2	2675.5	2807.5	2940.0	3064.9	3176.5	3270.1	3351.8	3420.4
40°	2439.1	2606.5	2768.6	2922.7	3073.6	3218.1	3353.1	3470.8	3576.4	3673.4	3754.3
37.5°	2643.0	2827.1	3006.8	3179.4	3345.6	3502.0	3648.0	3781.0	3900.1	4010.7	4100.4
35°	2847.8	3049.8	3246.6	3436.4	3618.0	3790.7	3950.5	4101.8	4242.2	4354.2	4446.0
32.5°	3051.8	3269.0	3483.1	3692.2	3890.9	4077.1	4250.2	4417.4	4561.8	4684.9	4790.4
30°	3249.3	3484.5	3717.7	3944.4	4159.1	4360.7	4552.5	4729.3	4884.6	5019.1	5137.6
27.5°	3443.0	3695.8	3946.0	4188.1	4420.2	4639.4	4848.6	5040.4	5209.8	5356.1	5481.0
25°	3626.1	3897.8	4164.5	4421.2	4669.1	4910.9	5136.8	5346.0	5527.1	5687.6	5816.0
22.5°	3801.1	4090.8	4371.0	4641.1	4906.3	5166.9	5414.2	5632.6	5824.5	5992.4	6134.4
20°	3964.0	4274.5	4561.2	4846.8	5126.2	5404.5	5669.9	5900.5	6103.5	6282.2	6438.8
17.5°	4116.4	4434.9	4736.7	5040.8	5335.3	5627.2	5896.9	6144.0	6363.0	6552.8	6716.7
15°	4245.4	4567.0	4896.6	5221.3	5531.8	5827.4	6096.9	6354.9	6598.1	6803.4	6969.7
12.5°	4349.8	4684.3	5028.1	5372.9	5701.2	5996.4	6278.6	6540.4	6795.8	7026.4	7179.2
10°	4438.8	4783.2	5138.2	5489.8	5822.5	6134.8	6441.6	6718.4	6969.4	7175.8	7346.5
7.5°	4515.8	4870.5	5231.1	5583.2	5914.8	6237.6	6553.3	6847.3	7100.7	7295.2	7447.4
5°	4572.5	4935.7	5303.2	5658.6	5994.8	6318.6	6635.8	6926.1	7173.5	7371.4	7537.4
2.5°	4613.1	4979.7	5349.8	5705.8	6049.4	6374.1	6699.2	6992.7	7232.3	7413.6	7572.5
0°	4639.2	5006.3	5379.3	5743.4	6080.9	6394.8	6744.1	7019.4	7268.1	7448.7	7614.5
-2.5°	4613.1	4979.7	5349.8	5705.8	6049.4	6374.1	6699.2	6992.7	7232.3	7413.6	7572.5
-5°	4572.5	4935.7	5303.2	5658.6	5994.8	6318.6	6635.8	6926.1	7173.5	7371.4	7537.4
-7.5°	4515.8	4870.5	5231.1	5583.2	5914.8	6237.6	6553.3	6847.3	7100.7	7295.2	7447.4
-10°	4438.8	4783.2	5138.2	5489.8	5822.5	6134.8	6441.6	6718.4	6969.4	7175.8	7346.5
-12.5°	4349.8	4684.3	5028.1	5372.9	5701.2	5996.4	6278.6	6540.4	6795.8	7026.4	7179.2
-15°	4245.4	4567.0	4896.6	5221.3	5531.8	5827.4	6096.9	6354.9	6598.1	6803.4	6969.7
-17.5°	4116.4	4434.9	4736.7	5040.8	5335.3	5627.2	5896.9	6144.0	6363.0	6552.8	6716.7
-20°	3964.0	4274.5	4561.2	4846.8	5126.2	5404.5	5669.9	5900.5	6103.5	6282.2	6438.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627121 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3801.1	4090.8	4371.0	4641.1	4906.3	5166.9	5414.2	5632.6	5824.5	5992.4	6134.4
-25°	3626.1	3897.8	4164.5	4421.2	4669.1	4910.9	5136.8	5346.0	5527.1	5687.6	5816.0
-27.5°	3443.0	3695.8	3946.0	4188.1	4420.2	4639.4	4848.6	5040.4	5209.8	5356.1	5481.0
-30°	3249.3	3484.5	3717.7	3944.4	4159.1	4360.7	4552.5	4729.3	4884.6	5019.1	5137.6
-32.5°	3051.8	3269.0	3483.1	3692.2	3890.9	4077.1	4250.2	4417.4	4561.8	4684.9	4790.4
-35°	2847.8	3049.8	3246.6	3436.4	3618.0	3790.7	3950.5	4101.8	4242.2	4354.2	4446.0
-37.5°	2643.0	2827.1	3006.8	3179.4	3345.6	3502.0	3648.0	3781.0	3900.1	4010.7	4100.4
-40°	2439.1	2606.5	2768.6	2922.7	3073.6	3218.1	3353.1	3470.8	3576.4	3673.4	3754.3
-42.5°	2234.1	2387.0	2534.2	2675.5	2807.5	2940.0	3064.9	3176.5	3270.1	3351.8	3420.4
-45°	2031.8	2168.8	2300.3	2429.8	2549.9	2664.4	2775.4	2877.5	2959.6	3031.5	3091.9
-47.5°	1831.9	1954.0	2073.2	2186.5	2295.5	2397.7	2487.7	2569.7	2649.7	2714.9	2766.5
-50°	1639.4	1746.7	1853.4	1952.4	2050.9	2142.9	2226.0	2297.9	2362.1	2417.6	2461.3
-52.5°	1455.3	1549.1	1641.2	1730.2	1815.9	1895.7	1968.2	2030.2	2085.3	2132.6	2170.3
-55°	1287.1	1364.3	1435.2	1513.4	1588.9	1657.7	1718.2	1771.4	1817.5	1856.1	1888.8
-57.5°	1134.1	1195.8	1256.9	1318.9	1377.5	1432.3	1483.6	1528.9	1567.1	1598.5	1624.8
-60°	992.5	1040.1	1092.4	1142.3	1188.3	1230.2	1271.9	1308.0	1338.9	1364.5	1385.2
-62.5°	860.8	902.7	941.7	979.4	1016.5	1052.9	1080.9	1106.4	1129.1	1148.6	1164.1
-65°	733.9	768.2	798.5	826.4	851.9	878.8	900.8	919.3	934.2	946.5	956.4
-67.5°	613.3	640.1	663.5	683.4	703.2	721.7	736.9	749.3	758.9	767.1	773.3
-70°	506.3	526.2	543.0	559.1	575.4	588.5	598.4	605.6	610.1	613.1	615.2
-72.5°	411.2	429.8	445.0	459.3	471.3	480.0	486.3	491.0	494.2	491.0	485.3
-75°	323.6	341.4	358.7	373.3	385.6	391.2	394.0	395.9	397.0	386.4	372.5
-77.5°	248.1	266.3	282.3	296.9	310.3	312.8	312.4	311.8	310.7	295.9	278.0
-80°	174.4	188.9	202.5	216.1	229.5	231.0	229.5	226.7	222.8	208.3	191.9
-82.5°	106.8	115.4	123.5	131.6	139.7	141.7	142.3	142.0	140.9	129.9	117.7
-85°	49.5	53.0	56.2	59.3	62.3	65.1	67.8	70.3	72.5	66.2	59.3
-87.5°	9.7	10.0	10.2	10.5	10.7	10.9	11.1	11.3	11.4	10.8	10.2
-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: P627121 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	9.5	8.9	8.9	8.9	8.9	8.9	9.5	10.2	10.8	11.4	11.3
85°	51.9	44.2	41.4	38.5	41.4	44.2	51.9	59.3	66.2	72.5	70.3
82.5°	104.8	91.5	87.3	82.9	87.3	91.5	104.8	117.7	129.9	140.9	142.0
80°	174.6	156.5	149.4	142.1	149.4	156.5	174.6	191.9	208.3	222.8	226.7
77.5°	259.1	239.2	230.7	222.0	230.7	239.2	259.1	278.0	295.9	310.7	311.8
75°	357.8	342.2	332.8	322.7	332.8	342.2	357.8	372.5	386.4	397.0	395.9
72.5°	478.8	471.2	464.3	455.9	464.3	471.2	478.8	485.3	491.0	494.2	491.0
70°	615.9	615.0	616.2	615.8	616.2	615.0	615.9	615.2	613.1	610.1	605.6
67.5°	776.6	776.8	780.1	781.6	780.1	776.8	776.6	773.3	767.1	758.9	749.3
65°	962.5	964.8	963.9	959.2	963.9	964.8	962.5	956.4	946.5	934.2	919.3
62.5°	1175.1	1181.5	1185.0	1184.2	1185.0	1181.5	1175.1	1164.1	1148.6	1129.1	1106.4
60°	1400.6	1410.6	1415.7	1415.1	1415.7	1410.6	1400.6	1385.2	1364.5	1338.9	1308.0
57.5°	1644.4	1657.3	1660.3	1654.9	1660.3	1657.3	1644.4	1624.8	1598.5	1567.1	1528.9
55°	1913.5	1929.9	1936.2	1933.2	1936.2	1929.9	1913.5	1888.8	1856.1	1817.5	1771.4
52.5°	2197.9	2215.6	2221.9	2217.4	2221.9	2215.6	2197.9	2170.3	2132.6	2085.3	2030.2
50°	2493.4	2514.9	2523.5	2519.4	2523.5	2514.9	2493.4	2461.3	2417.6	2362.1	2297.9
47.5°	2807.0	2835.6	2846.8	2839.2	2846.8	2835.6	2807.0	2766.5	2714.9	2649.7	2569.7
45°	3137.0	3166.7	3178.2	3170.7	3178.2	3166.7	3137.0	3091.9	3031.5	2959.6	2877.5
42.5°	3472.8	3511.4	3527.8	3514.2	3527.8	3511.4	3472.8	3420.4	3351.8	3270.1	3176.5
40°	3814.6	3856.5	3875.8	3866.5	3875.8	3856.5	3814.6	3754.3	3673.4	3576.4	3470.8
37.5°	4165.2	4206.9	4227.4	4227.7	4227.4	4206.9	4165.2	4100.4	4010.7	3900.1	3781.0
35°	4517.1	4567.6	4596.2	4594.8	4596.2	4567.6	4517.1	4446.0	4354.2	4242.2	4101.8
32.5°	4873.9	4928.5	4957.7	4961.9	4957.7	4928.5	4873.9	4790.4	4684.9	4561.8	4417.4
30°	5230.2	5290.3	5324.0	5337.9	5324.0	5290.3	5230.2	5137.6	5019.1	4884.6	4729.3
27.5°	5575.6	5649.5	5700.5	5705.0	5700.5	5649.5	5575.6	5481.0	5356.1	5209.8	5040.4
25°	5910.1	5985.4	6037.7	6048.4	6037.7	5985.4	5910.1	5816.0	5687.6	5527.1	5346.0
22.5°	6239.9	6318.6	6366.8	6385.9	6366.8	6318.6	6239.9	6134.4	5992.4	5824.5	5632.6
20°	6554.7	6640.0	6691.2	6711.5	6691.2	6640.0	6554.7	6438.8	6282.2	6103.5	5900.5
17.5°	6839.4	6929.6	6992.8	7010.6	6992.8	6929.6	6839.4	6716.7	6552.8	6363.0	6144.0
15°	7090.1	7175.5	7235.5	7259.2	7235.5	7175.5	7090.1	6969.7	6803.4	6598.1	6354.9
12.5°	7294.0	7370.5	7417.5	7439.8	7417.5	7370.5	7294.0	7179.2	7026.4	6795.8	6540.4
10°	7453.4	7530.1	7575.0	7605.6	7575.0	7530.1	7453.4	7346.5	7175.8	6969.4	6718.4
7.5°	7591.7	7670.3	7725.3	7768.5	7725.3	7670.3	7591.7	7447.4	7295.2	7100.7	6847.3
5°	7668.1	7799.3	7819.0	7848.4	7819.0	7799.3	7668.1	7537.4	7371.4	7173.5	6926.1
2.5°	7726.3	7819.3	7875.3	7869.1	7875.3	7819.3	7726.3	7572.5	7413.6	7232.3	6992.7
0°	7768.5	7851.4	7872.1	7898.7	7872.1	7851.4	7768.5	7614.5	7448.7	7268.1	7019.4
-2.5°	7726.3	7819.3	7875.3	7869.1	7875.3	7819.3	7726.3	7572.5	7413.6	7232.3	6992.7
-5°	7668.1	7799.3	7819.0	7848.4	7819.0	7799.3	7668.1	7537.4	7371.4	7173.5	6926.1
-7.5°	7591.7	7670.3	7725.3	7768.5	7725.3	7670.3	7591.7	7447.4	7295.2	7100.7	6847.3
-10°	7453.4	7530.1	7575.0	7605.6	7575.0	7530.1	7453.4	7346.5	7175.8	6969.4	6718.4
-12.5°	7294.0	7370.5	7417.5	7439.8	7417.5	7370.5	7294.0	7179.2	7026.4	6795.8	6540.4
-15°	7090.1	7175.5	7235.5	7259.2	7235.5	7175.5	7090.1	6969.7	6803.4	6598.1	6354.9
-17.5°	6839.4	6929.6	6992.8	7010.6	6992.8	6929.6	6839.4	6716.7	6552.8	6363.0	6144.0
-20°	6554.7	6640.0	6691.2	6711.5	6691.2	6640.0	6554.7	6438.8	6282.2	6103.5	5900.5



REPORT NUMBER: P627121 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-750-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	6239.9	6318.6	6366.8	6385.9	6366.8	6318.6	6239.9	6134.4	5992.4	5824.5	5632.6
-25°	5910.1	5985.4	6037.7	6048.4	6037.7	5985.4	5910.1	5816.0	5687.6	5527.1	5346.0
-27.5°	5575.6	5649.5	5700.5	5705.0	5700.5	5649.5	5575.6	5481.0	5356.1	5209.8	5040.4
-30°	5230.2	5290.3	5324.0	5337.9	5324.0	5290.3	5230.2	5137.6	5019.1	4884.6	4729.3
-32.5°	4873.9	4928.5	4957.7	4961.9	4957.7	4928.5	4873.9	4790.4	4684.9	4561.8	4417.4
-35°	4517.1	4567.6	4596.2	4594.8	4596.2	4567.6	4517.1	4446.0	4354.2	4242.2	4101.8
-37.5°	4165.2	4206.9	4227.4	4227.7	4227.4	4206.9	4165.2	4100.4	4010.7	3900.1	3781.0
-40°	3814.6	3856.5	3875.8	3866.5	3875.8	3856.5	3814.6	3754.3	3673.4	3576.4	3470.8
-42.5°	3472.8	3511.4	3527.8	3514.2	3527.8	3511.4	3472.8	3420.4	3351.8	3270.1	3176.5
-45°	3137.0	3166.7	3178.2	3170.7	3178.2	3166.7	3137.0	3091.9	3031.5	2959.6	2877.5
-47.5°	2807.0	2835.6	2846.8	2839.2	2846.8	2835.6	2807.0	2766.5	2714.9	2649.7	2569.7
-50°	2493.4	2514.9	2523.5	2519.4	2523.5	2514.9	2493.4	2461.3	2417.6	2362.1	2297.9
-52.5°	2197.9	2215.6	2221.9	2217.4	2221.9	2215.6	2197.9	2170.3	2132.6	2085.3	2030.2
-55°	1913.5	1929.9	1936.2	1933.2	1936.2	1929.9	1913.5	1888.8	1856.1	1817.5	1771.4
-57.5°	1644.4	1657.3	1660.3	1654.9	1660.3	1657.3	1644.4	1624.8	1598.5	1567.1	1528.9
-60°	1400.6	1410.6	1415.7	1415.1	1415.7	1410.6	1400.6	1385.2	1364.5	1338.9	1308.0
-62.5°	1175.1	1181.5	1185.0	1184.2	1185.0	1181.5	1175.1	1164.1	1148.6	1129.1	1106.4
-65°	962.5	964.8	963.9	959.2	963.9	964.8	962.5	956.4	946.5	934.2	919.3
-67.5°	776.6	776.8	780.1	781.6	780.1	776.8	776.6	773.3	767.1	758.9	749.3
-70°	615.9	615.0	616.2	615.8	616.2	615.0	615.9	615.2	613.1	610.1	605.6
-72.5°	478.8	471.2	464.3	455.9	464.3	471.2	478.8	485.3	491.0	494.2	491.0
-75°	357.8	342.2	332.8	322.7	332.8	342.2	357.8	372.5	386.4	397.0	395.9
-77.5°	259.1	239.2	230.7	222.0	230.7	239.2	259.1	278.0	295.9	310.7	311.8
-80°	174.6	156.5	149.4	142.1	149.4	156.5	174.6	191.9	208.3	222.8	226.7
-82.5°	104.8	91.5	87.3	82.9	87.3	91.5	104.8	117.7	129.9	140.9	142.0
-85°	51.9	44.2	41.4	38.5	41.4	44.2	51.9	59.3	66.2	72.5	70.3
-87.5°	9.5	8.9	8.9	8.9	8.9	8.9	9.5	10.2	10.8	11.4	11.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627121 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	11.1	10.9	10.7	10.5	10.2	10.0	9.7	9.4	9.0	8.7	8.3
85°	67.8	65.1	62.3	59.3	56.2	53.0	49.5	43.4	37.7	32.4	27.8
82.5°	142.3	141.7	139.7	131.6	123.5	115.4	106.8	94.1	81.5	69.3	58.6
80°	229.5	231.0	229.5	216.1	202.5	188.9	174.4	155.7	136.8	118.9	105.4
77.5°	312.4	312.8	310.3	296.9	282.3	266.3	248.1	225.6	203.1	180.4	163.1
75°	394.0	391.2	385.6	373.3	358.7	341.4	323.6	303.9	280.8	254.4	231.7
72.5°	486.3	480.0	471.3	459.3	445.0	429.8	411.2	389.4	365.3	338.9	314.9
70°	598.4	588.5	575.4	559.1	543.0	526.2	506.3	482.3	454.3	425.1	398.4
67.5°	736.9	721.7	703.2	683.4	663.5	640.1	613.3	584.1	555.1	522.7	486.1
65°	900.8	878.8	851.9	826.4	798.5	768.2	733.9	700.0	664.5	625.6	579.2
62.5°	1080.9	1052.9	1016.5	979.4	941.7	902.7	860.8	819.0	776.7	730.8	678.6
60°	1271.9	1230.2	1188.3	1142.3	1092.4	1040.1	992.5	941.8	888.3	836.4	779.0
57.5°	1483.6	1432.3	1377.5	1318.9	1256.9	1195.8	1134.1	1070.4	1009.8	946.5	881.7
55°	1718.2	1657.7	1588.9	1513.4	1435.2	1364.3	1287.1	1209.8	1136.8	1060.1	988.6
52.5°	1968.2	1895.7	1815.9	1730.2	1641.2	1549.1	1455.3	1366.5	1271.5	1184.6	1098.2
50°	2226.0	2142.9	2050.9	1952.4	1853.4	1746.7	1639.4	1532.6	1425.0	1318.4	1214.9
47.5°	2487.7	2397.7	2295.5	2186.5	2073.2	1954.0	1831.9	1703.5	1584.4	1460.8	1343.2
45°	2775.4	2664.4	2549.9	2429.8	2300.3	2168.8	2031.8	1891.2	1748.0	1612.1	1474.1
42.5°	3064.9	2940.0	2807.5	2675.5	2534.2	2387.0	2234.1	2079.2	1921.8	1765.1	1614.4
40°	3353.1	3218.1	3073.6	2922.7	2768.6	2606.5	2439.1	2266.8	2095.8	1923.5	1753.0
37.5°	3648.0	3502.0	3345.6	3179.4	3006.8	2827.1	2643.0	2456.5	2268.0	2082.5	1897.6
35°	3950.5	3790.7	3618.0	3436.4	3246.6	3049.8	2847.8	2643.6	2440.8	2240.2	2039.9
32.5°	4250.2	4077.1	3890.9	3692.2	3483.1	3269.0	3051.8	2831.2	2609.3	2395.1	2181.7
30°	4552.5	4360.7	4159.1	3944.4	3717.7	3484.5	3249.3	3015.6	2779.0	2543.4	2317.6
27.5°	4848.6	4639.4	4420.2	4188.1	3946.0	3695.8	3443.0	3193.5	2941.3	2690.7	2447.4
25°	5136.8	4910.9	4669.1	4421.2	4164.5	3897.8	3626.1	3362.2	3098.7	2830.6	2563.8
22.5°	5414.2	5166.9	4906.3	4641.1	4371.0	4090.8	3801.1	3516.7	3244.0	2956.0	2677.2
20°	5669.9	5404.5	5126.2	4846.8	4561.2	4274.5	3964.0	3661.5	3368.2	3072.6	2780.0
17.5°	5896.9	5627.2	5335.3	5040.8	4736.7	4434.9	4116.4	3793.3	3482.6	3176.1	2870.5
15°	6096.9	5827.4	5531.8	5221.3	4896.6	4567.0	4245.4	3909.9	3586.8	3267.7	2954.2
12.5°	6278.6	5996.4	5701.2	5372.9	5028.1	4684.3	4349.8	4011.9	3679.5	3351.4	3029.5
10°	6441.6	6134.8	5822.5	5489.8	5138.2	4783.2	4438.8	4097.8	3758.4	3423.1	3091.6
7.5°	6553.3	6237.6	5914.8	5583.2	5231.1	4870.5	4515.8	4166.8	3819.9	3480.3	3140.0
5°	6635.8	6318.6	5994.8	5658.6	5303.2	4935.7	4572.5	4216.8	3863.6	3522.1	3174.5
2.5°	6699.2	6374.1	6049.4	5705.8	5349.8	4979.7	4613.1	4254.4	3898.4	3552.7	3205.0
0°	6744.1	6394.8	6080.9	5743.4	5379.3	5006.3	4639.2	4278.0	3919.8	3567.4	3221.1
-2.5°	6699.2	6374.1	6049.4	5705.8	5349.8	4979.7	4613.1	4254.4	3898.4	3552.7	3205.0
-5°	6635.8	6318.6	5994.8	5658.6	5303.2	4935.7	4572.5	4216.8	3863.6	3522.1	3174.5
-7.5°	6553.3	6237.6	5914.8	5583.2	5231.1	4870.5	4515.8	4166.8	3819.9	3480.3	3140.0
-10°	6441.6	6134.8	5822.5	5489.8	5138.2	4783.2	4438.8	4097.8	3758.4	3423.1	3091.6
-12.5°	6278.6	5996.4	5701.2	5372.9	5028.1	4684.3	4349.8	4011.9	3679.5	3351.4	3029.5
-15°	6096.9	5827.4	5531.8	5221.3	4896.6	4567.0	4245.4	3909.9	3586.8	3267.7	2954.2
-17.5°	5896.9	5627.2	5335.3	5040.8	4736.7	4434.9	4116.4	3793.3	3482.6	3176.1	2870.5
-20°	5669.9	5404.5	5126.2	4846.8	4561.2	4274.5	3964.0	3661.5	3368.2	3072.6	2780.0



REPORT NUMBER: P627121 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-750-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5414.2	5166.9	4906.3	4641.1	4371.0	4090.8	3801.1	3516.7	3244.0	2956.0	2677.2
-25°	5136.8	4910.9	4669.1	4421.2	4164.5	3897.8	3626.1	3362.2	3098.7	2830.6	2563.8
-27.5°	4848.6	4639.4	4420.2	4188.1	3946.0	3695.8	3443.0	3193.5	2941.3	2690.7	2447.4
-30°	4552.5	4360.7	4159.1	3944.4	3717.7	3484.5	3249.3	3015.6	2779.0	2543.4	2317.6
-32.5°	4250.2	4077.1	3890.9	3692.2	3483.1	3269.0	3051.8	2831.2	2609.3	2395.1	2181.7
-35°	3950.5	3790.7	3618.0	3436.4	3246.6	3049.8	2847.8	2643.6	2440.8	2240.2	2039.9
-37.5°	3648.0	3502.0	3345.6	3179.4	3006.8	2827.1	2643.0	2456.5	2268.0	2082.5	1897.6
-40°	3353.1	3218.1	3073.6	2922.7	2768.6	2606.5	2439.1	2266.8	2095.8	1923.5	1753.0
-42.5°	3064.9	2940.0	2807.5	2675.5	2534.2	2387.0	2234.1	2079.2	1921.8	1765.1	1614.4
-45°	2775.4	2664.4	2549.9	2429.8	2300.3	2168.8	2031.8	1891.2	1748.0	1612.1	1474.1
-47.5°	2487.7	2397.7	2295.5	2186.5	2073.2	1954.0	1831.9	1703.5	1584.4	1460.8	1343.2
-50°	2226.0	2142.9	2050.9	1952.4	1853.4	1746.7	1639.4	1532.6	1425.0	1318.4	1214.9
-52.5°	1968.2	1895.7	1815.9	1730.2	1641.2	1549.1	1455.3	1366.5	1271.5	1184.6	1098.2
-55°	1718.2	1657.7	1588.9	1513.4	1435.2	1364.3	1287.1	1209.8	1136.8	1060.1	988.6
-57.5°	1483.6	1432.3	1377.5	1318.9	1256.9	1195.8	1134.1	1070.4	1009.8	946.5	881.7
-60°	1271.9	1230.2	1188.3	1142.3	1092.4	1040.1	992.5	941.8	888.3	836.4	779.0
-62.5°	1080.9	1052.9	1016.5	979.4	941.7	902.7	860.8	819.0	776.7	730.8	678.6
-65°	900.8	878.8	851.9	826.4	798.5	768.2	733.9	700.0	664.5	625.6	579.2
-67.5°	736.9	721.7	703.2	683.4	663.5	640.1	613.3	584.1	555.1	522.7	486.1
-70°	598.4	588.5	575.4	559.1	543.0	526.2	506.3	482.3	454.3	425.1	398.4
-72.5°	486.3	480.0	471.3	459.3	445.0	429.8	411.2	389.4	365.3	338.9	314.9
-75°	394.0	391.2	385.6	373.3	358.7	341.4	323.6	303.9	280.8	254.4	231.7
-77.5°	312.4	312.8	310.3	296.9	282.3	266.3	248.1	225.6	203.1	180.4	163.1
-80°	229.5	231.0	229.5	216.1	202.5	188.9	174.4	155.7	136.8	118.9	105.4
-82.5°	142.3	141.7	139.7	131.6	123.5	115.4	106.8	94.1	81.5	69.3	58.6
-85°	67.8	65.1	62.3	59.3	56.2	53.0	49.5	43.4	37.7	32.4	27.8
-87.5°	11.1	10.9	10.7	10.5	10.2	10.0	9.7	9.4	9.0	8.7	8.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627121 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-750-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	8.5	8.6	8.6	8.5	7.5	6.6	5.8	5.0	4.5	4.0	3.5
85°	28.0	27.3	25.8	23.4	18.4	13.3	11.6	10.0	9.0	8.1	7.1
82.5°	58.4	59.0	59.0	57.3	50.5	43.4	36.0	28.3	21.0	13.3	10.6
80°	105.6	104.4	101.9	97.1	86.0	73.5	64.1	54.4	44.8	34.9	24.5
77.5°	159.6	155.0	149.4	143.1	131.4	117.6	101.7	83.8	68.6	56.4	43.6
75°	220.0	212.7	204.9	194.3	179.3	162.0	144.6	123.7	100.4	78.5	62.6
72.5°	295.7	278.1	262.4	247.6	231.3	212.0	189.8	162.8	134.6	107.9	82.9
70°	372.4	346.1	322.5	302.4	282.7	262.6	238.2	204.9	168.2	136.7	107.3
67.5°	450.3	419.2	387.7	357.5	332.7	308.9	285.4	246.7	204.6	164.9	131.1
65°	536.3	494.7	454.7	417.5	383.7	354.0	326.4	285.9	240.0	195.4	154.3
62.5°	624.9	571.8	524.4	476.9	434.9	398.8	365.6	320.9	273.8	224.8	178.5
60°	718.0	657.5	594.6	539.1	487.6	441.9	401.7	355.4	305.4	253.1	202.5
57.5°	816.0	745.0	674.2	604.1	542.3	487.5	436.8	388.1	336.5	281.0	224.9
55°	915.2	838.8	755.2	676.1	600.3	535.0	474.0	419.6	366.6	308.5	244.2
52.5°	1014.7	930.7	840.9	749.7	664.7	583.1	515.0	450.2	394.2	335.3	264.4
50°	1118.7	1022.4	926.2	827.6	728.9	639.4	554.5	485.3	421.0	360.8	283.5
47.5°	1227.0	1119.6	1012.6	904.9	799.0	693.3	600.6	519.7	447.0	383.9	301.3
45°	1345.6	1220.1	1101.6	985.1	865.3	751.5	647.3	552.6	476.4	401.9	317.6
42.5°	1464.2	1326.2	1193.8	1064.1	934.8	809.4	691.6	591.3	504.5	419.0	332.7
40°	1590.4	1432.6	1285.8	1145.2	1002.7	864.4	740.6	629.1	530.9	436.9	347.0
37.5°	1713.0	1541.7	1380.4	1222.6	1069.2	923.8	787.7	664.4	555.8	456.9	360.5
35°	1842.8	1651.2	1467.8	1300.5	1137.6	980.1	831.9	700.1	584.6	476.5	373.2
32.5°	1968.2	1758.4	1561.7	1377.3	1203.0	1033.2	877.3	737.9	612.3	495.4	385.1
30°	2091.5	1866.0	1651.7	1449.9	1266.4	1088.9	922.8	773.2	638.7	513.7	397.1
27.5°	2205.1	1965.6	1737.9	1525.0	1328.6	1141.8	965.8	805.9	663.8	532.6	410.9
25°	2310.9	2061.5	1822.9	1597.3	1386.3	1191.9	1005.4	836.2	689.3	552.2	423.8
22.5°	2410.2	2150.5	1899.9	1663.8	1439.8	1237.8	1043.9	868.5	713.5	570.3	435.6
20°	2500.5	2230.6	1968.9	1724.2	1491.9	1281.6	1081.1	897.4	735.1	586.7	446.2
17.5°	2581.8	2303.9	2034.7	1780.5	1540.3	1320.5	1114.1	922.9	754.1	601.3	455.5
15°	2657.3	2370.5	2092.9	1829.7	1582.3	1354.4	1142.8	944.9	770.3	614.0	464.4
12.5°	2722.1	2427.6	2142.3	1871.6	1617.6	1383.1	1167.1	963.3	783.8	625.5	472.7
10°	2775.5	2474.8	2182.6	1905.8	1646.2	1406.5	1186.9	978.8	796.5	635.4	479.2
7.5°	2817.1	2511.7	2213.7	1932.1	1668.9	1426.0	1203.7	992.2	806.7	643.0	483.7
5°	2848.6	2540.6	2240.7	1954.2	1689.7	1441.8	1215.9	1001.8	814.1	648.3	486.3
2.5°	2876.6	2562.2	2261.9	1968.6	1703.9	1452.0	1223.2	1007.6	818.6	651.1	486.9
0°	2892.4	2572.7	2273.7	1974.7	1711.2	1456.6	1225.7	1009.5	820.1	651.3	485.5
-2.5°	2876.6	2562.2	2261.9	1968.6	1703.9	1452.0	1223.2	1007.6	818.6	651.1	486.9
-5°	2848.6	2540.6	2240.7	1954.2	1689.7	1441.8	1215.9	1001.8	814.1	648.3	486.3
-7.5°	2817.1	2511.7	2213.7	1932.1	1668.9	1426.0	1203.7	992.2	806.7	643.0	483.7
-10°	2775.5	2474.8	2182.6	1905.8	1646.2	1406.5	1186.9	978.8	796.5	635.4	479.2
-12.5°	2722.1	2427.6	2142.3	1871.6	1617.6	1383.1	1167.1	963.3	783.8	625.5	472.7
-15°	2657.3	2370.5	2092.9	1829.7	1582.3	1354.4	1142.8	944.9	770.3	614.0	464.4
-17.5°	2581.8	2303.9	2034.7	1780.5	1540.3	1320.5	1114.1	922.9	754.1	601.3	455.5
-20°	2500.5	2230.6	1968.9	1724.2	1491.9	1281.6	1081.1	897.4	735.1	586.7	446.2

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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Scaled Data Report



REPORT NUMBER: P627121 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2410.2	2150.5	1899.9	1663.8	1439.8	1237.8	1043.9	868.5	713.5	570.3	435.6
-25°	2310.9	2061.5	1822.9	1597.3	1386.3	1191.9	1005.4	836.2	689.3	552.2	423.8
-27.5°	2205.1	1965.6	1737.9	1525.0	1328.6	1141.8	965.8	805.9	663.8	532.6	410.9
-30°	2091.5	1866.0	1651.7	1449.9	1266.4	1088.9	922.8	773.2	638.7	513.7	397.1
-32.5°	1968.2	1758.4	1561.7	1377.3	1203.0	1033.2	877.3	737.9	612.3	495.4	385.1
-35°	1842.8	1651.2	1467.8	1300.5	1137.6	980.1	831.9	700.1	584.6	476.5	373.2
-37.5°	1713.0	1541.7	1380.4	1222.6	1069.2	923.8	787.7	664.4	555.8	456.9	360.5
-40°	1590.4	1432.6	1285.8	1145.2	1002.7	864.4	740.6	629.1	530.9	436.9	347.0
-42.5°	1464.2	1326.2	1193.8	1064.1	934.8	809.4	691.6	591.3	504.5	419.0	332.7
-45°	1345.6	1220.1	1101.6	985.1	865.3	751.5	647.3	552.6	476.4	401.9	317.6
-47.5°	1227.0	1119.6	1012.6	904.9	799.0	693.3	600.6	519.7	447.0	383.9	301.3
-50°	1118.7	1022.4	926.2	827.6	728.9	639.4	554.5	485.3	421.0	360.8	283.5
-52.5°	1014.7	930.7	840.9	749.7	664.7	583.1	515.0	450.2	394.2	335.3	264.4
-55°	915.2	838.8	755.2	676.1	600.3	535.0	474.0	419.6	366.6	308.5	244.2
-57.5°	816.0	745.0	674.2	604.1	542.3	487.5	436.8	388.1	336.5	281.0	224.9
-60°	718.0	657.5	594.6	539.1	487.6	441.9	401.7	355.4	305.4	253.1	202.5
-62.5°	624.9	571.8	524.4	476.9	434.9	398.8	365.6	320.9	273.8	224.8	178.5
-65°	536.3	494.7	454.7	417.5	383.7	354.0	326.4	285.9	240.0	195.4	154.3
-67.5°	450.3	419.2	387.7	357.5	332.7	308.9	285.4	246.7	204.6	164.9	131.1
-70°	372.4	346.1	322.5	302.4	282.7	262.6	238.2	204.9	168.2	136.7	107.3
-72.5°	295.7	278.1	262.4	247.6	231.3	212.0	189.8	162.8	134.6	107.9	82.9
-75°	220.0	212.7	204.9	194.3	179.3	162.0	144.6	123.7	100.4	78.5	62.6
-77.5°	159.6	155.0	149.4	143.1	131.4	117.6	101.7	83.8	68.6	56.4	43.6
-80°	105.6	104.4	101.9	97.1	86.0	73.5	64.1	54.4	44.8	34.9	24.5
-82.5°	58.4	59.0	59.0	57.3	50.5	43.4	36.0	28.3	21.0	13.3	10.6
-85°	28.0	27.3	25.8	23.4	18.4	13.3	11.6	10.0	9.0	8.1	7.1
-87.5°	8.5	8.6	8.6	8.5	7.5	6.6	5.8	5.0	4.5	4.0	3.5
-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: P627121 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-U-VWR-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°	3.1	2.6	2.0	1.5	1.0	0.5	0.0
85°	6.1	5.1	4.1	3.1	2.1	0.9	0.0
82.5°	9.1	7.6	6.1	4.6	3.1	1.3	0.0
80°	13.8	10.2	8.2	6.1	4.1	1.8	0.0
77.5°	30.0	16.0	10.2	7.6	5.1	2.2	0.0
75°	45.9	27.6	13.3	9.1	6.1	2.7	0.0
72.5°	61.3	39.0	21.2	10.6	7.0	3.1	0.0
70°	76.7	50.0	28.8	12.7	7.9	3.5	0.0
67.5°	95.1	60.5	36.2	17.5	8.9	3.9	0.0
65°	112.8	72.2	43.2	22.0	9.7	4.3	0.0
62.5°	129.5	85.0	49.8	26.3	10.6	4.7	0.0
60°	145.3	97.2	56.1	30.4	11.4	5.1	0.0
57.5°	161.9	108.6	64.4	34.3	13.7	5.4	0.0
55°	177.7	119.2	72.3	37.9	16.0	5.8	0.0
52.5°	192.2	129.3	79.7	41.2	18.1	6.1	0.0
50°	205.6	140.0	86.5	44.2	20.2	6.4	0.0
47.5°	218.1	149.8	92.7	47.4	22.2	6.7	0.0
45°	232.0	158.6	98.2	51.5	24.1	7.0	0.0
42.5°	244.8	166.5	103.1	55.2	25.8	7.3	0.0
40°	256.3	173.3	108.1	59.0	27.5	7.5	0.0
37.5°	266.7	179.2	113.0	62.8	29.1	7.8	0.0
35°	275.9	185.9	117.2	66.3	30.5	8.0	0.0
32.5°	284.3	192.7	120.8	69.5	31.9	8.2	0.0
30°	293.1	198.5	123.6	72.5	33.1	8.3	0.0
27.5°	301.0	203.3	127.8	75.2	34.2	8.5	0.0
25°	308.0	207.1	131.8	77.6	35.2	8.6	0.0
22.5°	313.9	210.9	135.3	79.7	36.1	8.7	0.0
20°	318.8	216.1	138.3	81.5	36.8	8.8	0.0
17.5°	325.0	220.4	140.9	83.1	37.4	8.9	0.0
15°	331.4	223.8	142.9	84.3	38.0	9.0	0.0
12.5°	336.6	226.2	144.5	85.3	38.3	9.0	0.0
10°	340.5	227.7	145.5	86.0	38.6	9.0	0.0
7.5°	343.2	228.3	146.1	86.4	38.8	9.0	0.0
5°	344.6	228.0	146.3	86.5	38.8	9.0	0.0
2.5°	344.7	226.9	145.9	86.3	38.7	9.0	0.0
0°	343.4	225.0	145.1	85.9	38.5	8.9	0.0
-2.5°	344.7	226.9	145.9	86.3	38.7	9.0	0.0
-5°	344.6	228.0	146.3	86.5	38.8	9.0	0.0
-7.5°	343.2	228.3	146.1	86.4	38.8	9.0	0.0
-10°	340.5	227.7	145.5	86.0	38.6	9.0	0.0
-12.5°	336.6	226.2	144.5	85.3	38.3	9.0	0.0
-15°	331.4	223.8	142.9	84.3	38.0	9.0	0.0
-17.5°	325.0	220.4	140.9	83.1	37.4	8.9	0.0
-20°	318.8	216.1	138.3	81.5	36.8	8.8	0.0

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CATALOG NUMBER: GFLD-SA3B-750-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	313.9	210.9	135.3	79.7	36.1	8.7	0.0
-25°	308.0	207.1	131.8	77.6	35.2	8.6	0.0
-27.5°	301.0	203.3	127.8	75.2	34.2	8.5	0.0
-30°	293.1	198.5	123.6	72.5	33.1	8.3	0.0
-32.5°	284.3	192.7	120.8	69.5	31.9	8.2	0.0
-35°	275.9	185.9	117.2	66.3	30.5	8.0	0.0
-37.5°	266.7	179.2	113.0	62.8	29.1	7.8	0.0
-40°	256.3	173.3	108.1	59.0	27.5	7.5	0.0
-42.5°	244.8	166.5	103.1	55.2	25.8	7.3	0.0
-45°	232.0	158.6	98.2	51.5	24.1	7.0	0.0
-47.5°	218.1	149.8	92.7	47.4	22.2	6.7	0.0
-50°	205.6	140.0	86.5	44.2	20.2	6.4	0.0
-52.5°	192.2	129.3	79.7	41.2	18.1	6.1	0.0
-55°	177.7	119.2	72.3	37.9	16.0	5.8	0.0
-57.5°	161.9	108.6	64.4	34.3	13.7	5.4	0.0
-60°	145.3	97.2	56.1	30.4	11.4	5.1	0.0
-62.5°	129.5	85.0	49.8	26.3	10.6	4.7	0.0
-65°	112.8	72.2	43.2	22.0	9.7	4.3	0.0
-67.5°	95.1	60.5	36.2	17.5	8.9	3.9	0.0
-70°	76.7	50.0	28.8	12.7	7.9	3.5	0.0
-72.5°	61.3	39.0	21.2	10.6	7.0	3.1	0.0
-75°	45.9	27.6	13.3	9.1	6.1	2.7	0.0
-77.5°	30.0	16.0	10.2	7.6	5.1	2.2	0.0
-80°	13.8	10.2	8.2	6.1	4.1	1.8	0.0
-82.5°	9.1	7.6	6.1	4.6	3.1	1.3	0.0
-85°	6.1	5.1	4.1	3.1	2.1	0.9	0.0
-87.5°	3.1	2.6	2.0	1.5	1.0	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)