

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



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P645372 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA2C-730-U-LAM-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645372 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-21)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/4/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2C-730-U-LAM-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, LAMBERTIAN
Light Source: (32) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

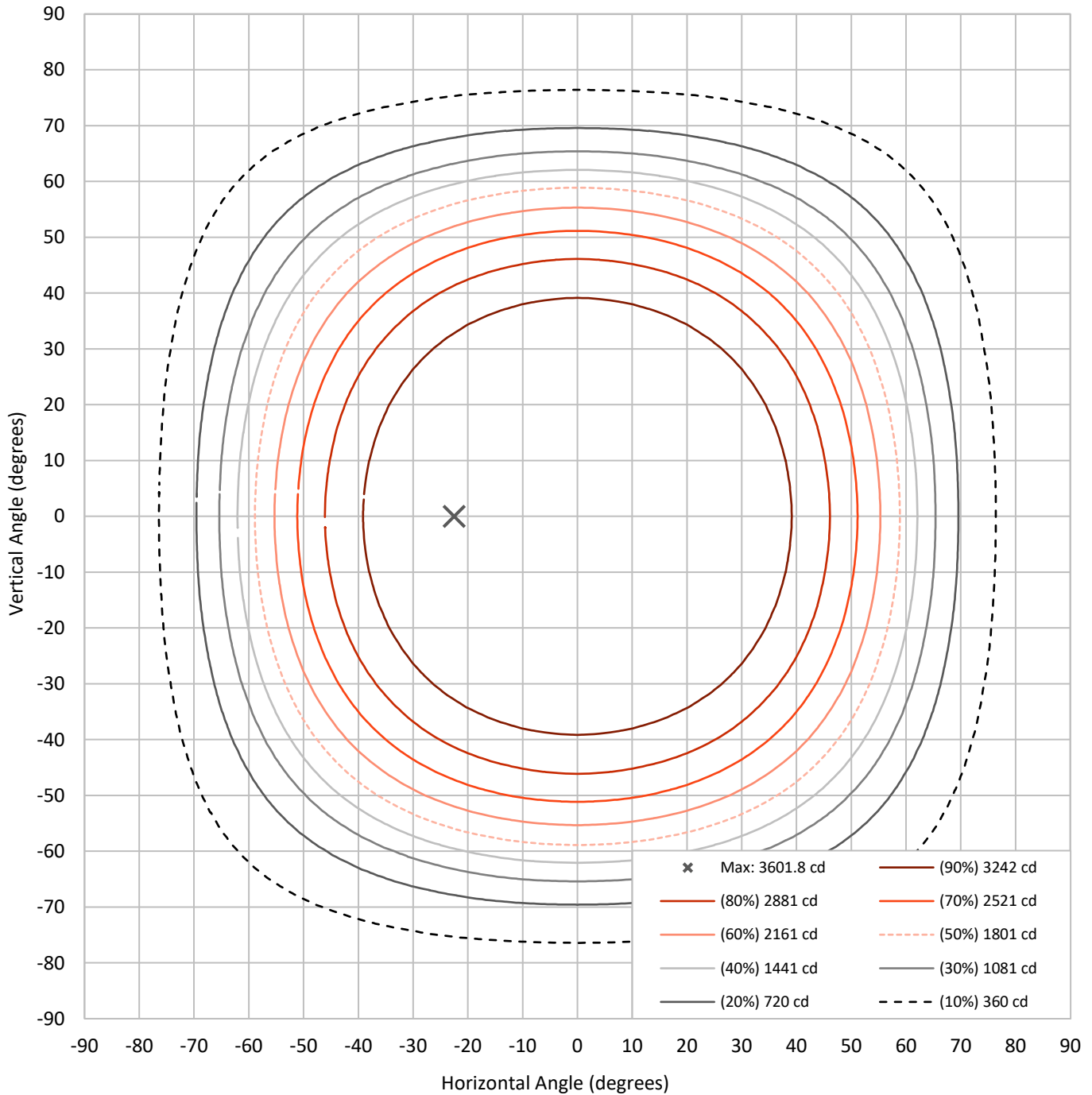
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	11018.3 lumens	Max Intensity:	3601.8 candela
Efficiency:	N/A	Max Intensity Angle:	-22.5°H x 0°V
Efficacy:	133.4 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	117.8°H x 112°V	Field Angle (10%):	152.8°H x 150.5°V
Beam Lumens:	9169.6 lumens	Field Lumens:	10801.6 lumens
Beam Efficiency:	83.2%	Field Efficiency:	98.0%
Input Watts (W):	82.6		
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		



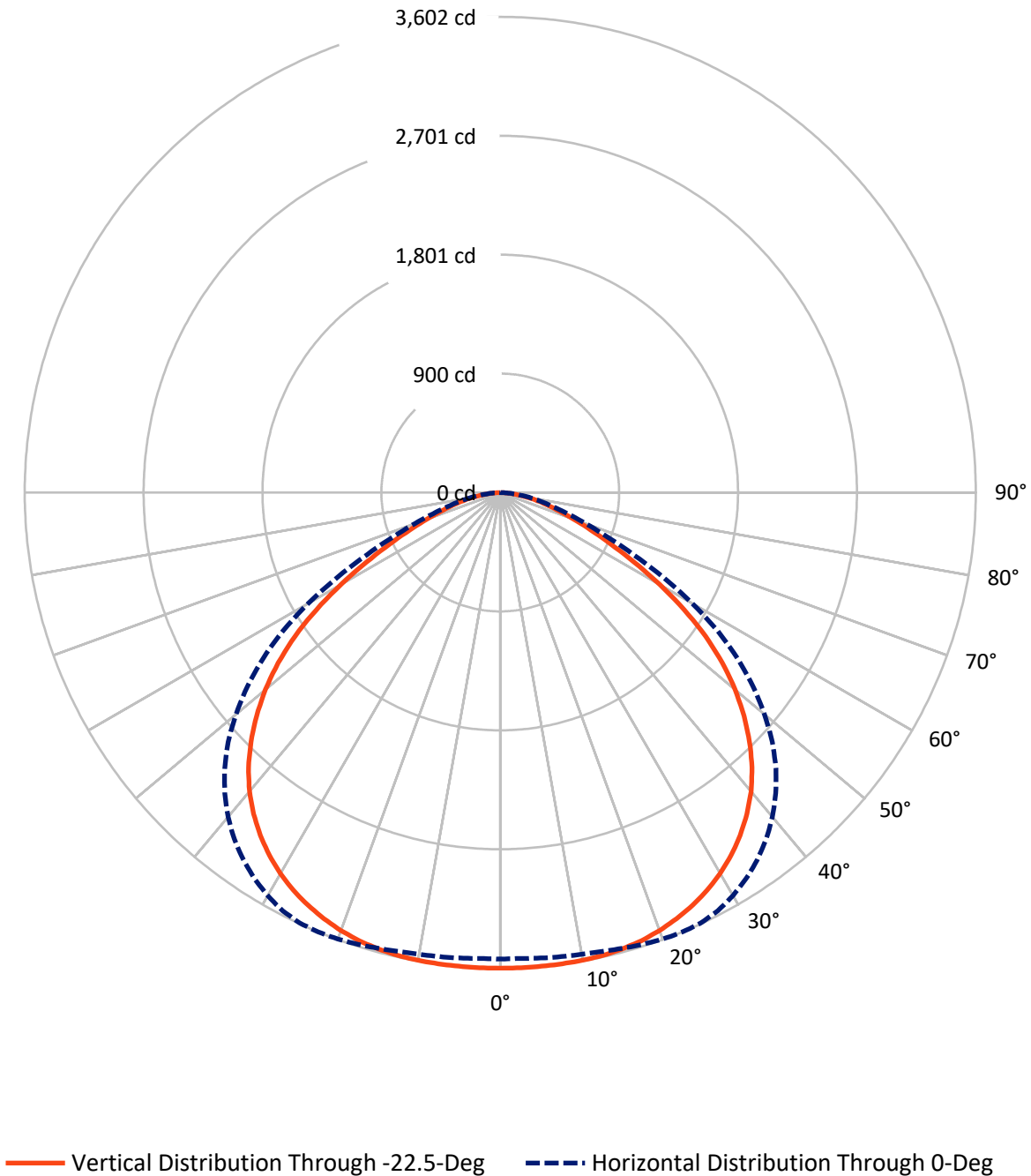
REPORT NUMBER: P645372 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot



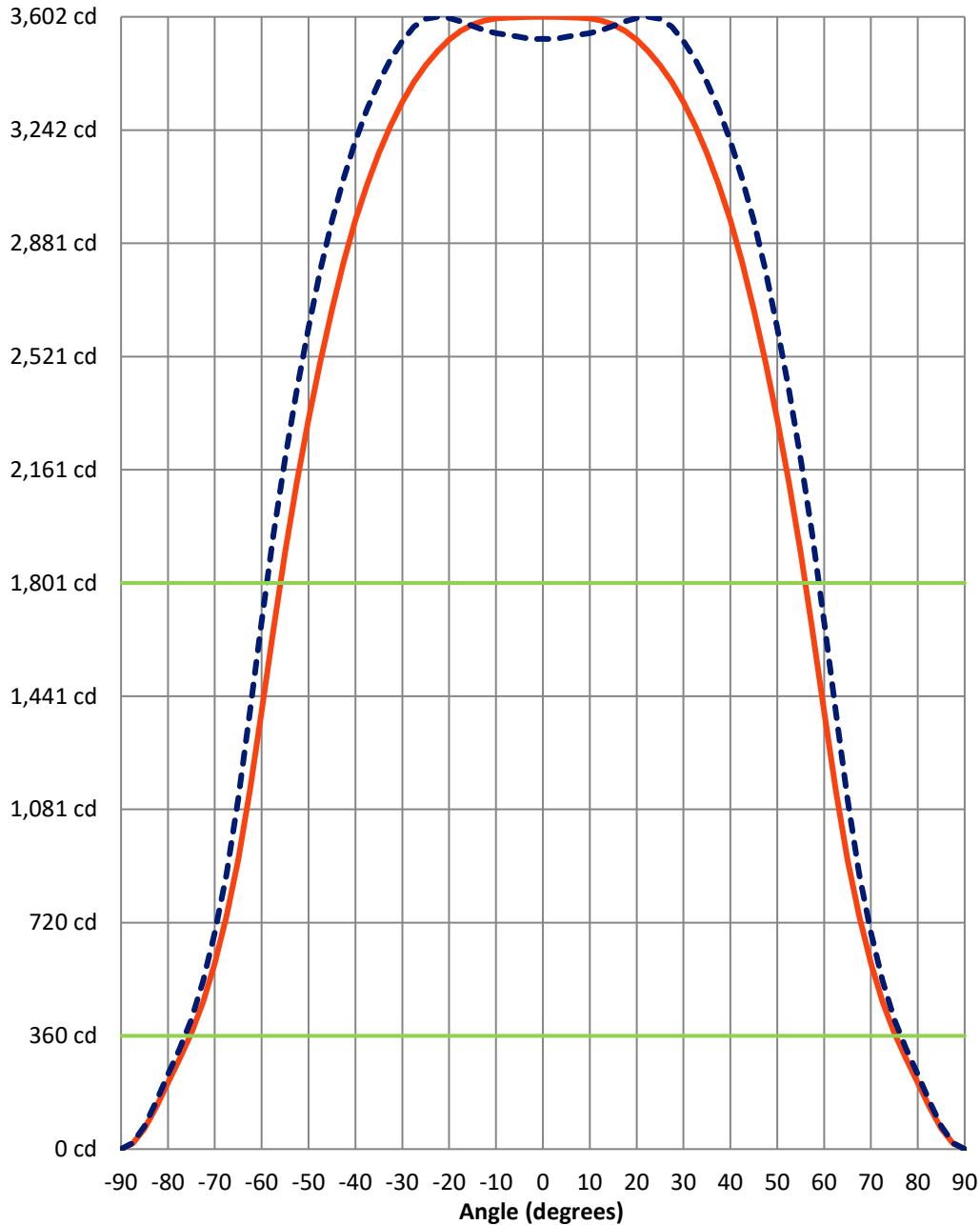
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 117.8°
 V Angle: 112°
 Lumens: 9169.6
 Efficiency: 83.2%

Field:
 H Angle: 152.8°
 V Angle: 150.5°
 Lumens: 10801.6
 Efficiency: 98.0%

Spill:
 Lumens: 216.7
 Efficiency: 2.0%

— Vertical Distribution through -22.5-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	0.9	1.7	2.6	3.4	4.3	5.1	5.9	6.7	7.5	8.3
85°	0.0	1.7	3.4	5.1	6.8	8.5	10.2	11.8	13.5	15.1	16.6
82.5°	0.0	2.6	5.1	7.7	10.2	12.8	15.3	17.7	21.0	27.5	33.9
80°	0.0	3.4	6.8	10.2	13.6	17.0	21.3	30.3	39.1	47.8	56.3
77.5°	0.0	4.3	8.5	12.8	17.0	23.7	35.0	46.1	57.1	68.0	81.0
75°	0.0	5.1	10.2	15.3	21.3	35.0	48.5	61.8	75.8	94.6	113.2
72.5°	0.0	5.9	11.8	17.7	30.3	46.1	61.8	79.2	101.5	123.5	145.1
70°	0.0	6.7	13.5	21.0	39.1	57.1	75.8	101.5	126.9	152.0	179.2
67.5°	0.0	7.5	15.1	27.5	47.8	68.0	94.6	123.5	152.0	182.9	213.4
65°	0.0	8.3	16.6	33.9	56.3	81.0	113.2	145.1	179.2	213.4	246.7
62.5°	0.0	9.1	18.2	40.2	64.7	96.3	131.5	167.8	205.8	243.0	278.3
60°	0.0	9.8	19.7	46.3	72.9	111.1	149.3	190.7	231.9	271.0	309.3
57.5°	0.0	10.6	23.6	52.3	84.3	125.7	168.3	213.1	256.5	298.4	342.4
55°	0.0	11.3	27.5	58.2	95.6	139.8	186.9	234.9	280.3	325.9	376.1
52.5°	0.0	12.0	31.3	63.8	106.6	153.8	205.1	255.2	303.4	355.3	408.8
50°	0.0	12.7	35.0	69.3	117.2	168.4	222.7	274.8	326.6	383.9	449.5
47.5°	0.0	13.3	38.5	75.1	127.5	182.5	239.5	293.7	351.2	411.6	489.9
45°	0.0	13.9	41.9	82.5	137.4	196.1	255.1	311.9	374.8	446.4	528.9
42.5°	0.0	14.5	45.1	89.6	146.8	209.1	270.0	330.7	397.5	480.1	574.8
40°	0.0	15.1	48.2	96.3	156.3	221.5	284.3	349.6	421.4	512.2	620.2
37.5°	0.0	15.6	51.1	102.7	165.7	233.3	297.9	367.6	448.6	545.2	663.5
35°	0.0	16.1	53.9	108.8	174.6	244.2	310.7	384.7	474.3	581.9	707.7
32.5°	0.0	16.6	56.5	114.5	183.0	254.2	323.2	400.7	498.5	616.5	754.1
30°	0.0	17.1	58.9	119.8	190.8	263.6	336.0	416.8	521.2	648.9	797.7
27.5°	0.0	17.5	61.2	124.7	198.0	272.3	347.9	435.2	544.3	679.1	838.2
25°	0.0	17.9	63.2	129.3	204.7	280.3	358.9	452.0	568.8	710.6	876.1
22.5°	0.0	18.2	65.1	133.4	210.8	287.5	368.8	467.4	591.2	741.0	920.3
20°	0.0	18.5	66.8	137.1	216.3	294.1	377.8	481.3	611.4	768.5	960.3
17.5°	0.0	18.8	68.3	140.4	221.1	299.9	385.8	493.6	629.4	793.0	995.8
15°	0.0	19.0	69.6	143.3	225.4	305.0	392.8	504.4	645.0	814.3	1026.8
12.5°	0.0	19.2	70.8	145.7	229.0	309.3	398.7	513.5	658.3	832.5	1053.2
10°	0.0	19.4	71.7	147.7	231.9	312.9	403.5	521.0	669.3	847.4	1074.9
7.5°	0.0	19.5	72.4	149.3	234.2	315.6	407.3	526.8	677.8	859.1	1091.8
5°	0.0	19.6	72.9	150.4	235.9	317.6	410.0	531.0	683.9	867.4	1104.0
2.5°	0.0	19.7	73.2	151.1	236.9	318.8	411.7	533.6	687.6	872.4	1111.3
0°	0.0	19.7	73.3	151.3	237.2	319.2	412.2	534.4	688.8	874.1	1113.7
-2.5°	0.0	19.7	73.2	151.1	236.9	318.8	411.7	533.6	687.6	872.4	1111.3
-5°	0.0	19.6	72.9	150.4	235.9	317.6	410.0	531.0	683.9	867.4	1104.0
-7.5°	0.0	19.5	72.4	149.3	234.2	315.6	407.3	526.8	677.8	859.1	1091.8
-10°	0.0	19.4	71.7	147.7	231.9	312.9	403.5	521.0	669.3	847.4	1074.9
-12.5°	0.0	19.2	70.8	145.7	229.0	309.3	398.7	513.5	658.3	832.5	1053.2
-15°	0.0	19.0	69.6	143.3	225.4	305.0	392.8	504.4	645.0	814.3	1026.8
-17.5°	0.0	18.8	68.3	140.4	221.1	299.9	385.8	493.6	629.4	793.0	995.8
-20°	0.0	18.5	66.8	137.1	216.3	294.1	377.8	481.3	611.4	768.5	960.3

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Scaled Data Report



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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	18.2	65.1	133.4	210.8	287.5	368.8	467.4	591.2	741.0	920.3
-25°	0.0	17.9	63.2	129.3	204.7	280.3	358.9	452.0	568.8	710.6	876.1
-27.5°	0.0	17.5	61.2	124.7	198.0	272.3	347.9	435.2	544.3	679.1	838.2
-30°	0.0	17.1	58.9	119.8	190.8	263.6	336.0	416.8	521.2	648.9	797.7
-32.5°	0.0	16.6	56.5	114.5	183.0	254.2	323.2	400.7	498.5	616.5	754.1
-35°	0.0	16.1	53.9	108.8	174.6	244.2	310.7	384.7	474.3	581.9	707.7
-37.5°	0.0	15.6	51.1	102.7	165.7	233.3	297.9	367.6	448.6	545.2	663.5
-40°	0.0	15.1	48.2	96.3	156.3	221.5	284.3	349.6	421.4	512.2	620.2
-42.5°	0.0	14.5	45.1	89.6	146.8	209.1	270.0	330.7	397.5	480.1	574.8
-45°	0.0	13.9	41.9	82.5	137.4	196.1	255.1	311.9	374.8	446.4	528.9
-47.5°	0.0	13.3	38.5	75.1	127.5	182.5	239.5	293.7	351.2	411.6	489.9
-50°	0.0	12.7	35.0	69.3	117.2	168.4	222.7	274.8	326.6	383.9	449.5
-52.5°	0.0	12.0	31.3	63.8	106.6	153.8	205.1	255.2	303.4	355.3	408.8
-55°	0.0	11.3	27.5	58.2	95.6	139.8	186.9	234.9	280.3	325.9	376.1
-57.5°	0.0	10.6	23.6	52.3	84.3	125.7	168.3	213.1	256.5	298.4	342.4
-60°	0.0	9.8	19.7	46.3	72.9	111.1	149.3	190.7	231.9	271.0	309.3
-62.5°	0.0	9.1	18.2	40.2	64.7	96.3	131.5	167.8	205.8	243.0	278.3
-65°	0.0	8.3	16.6	33.9	56.3	81.0	113.2	145.1	179.2	213.4	246.7
-67.5°	0.0	7.5	15.1	27.5	47.8	68.0	94.6	123.5	152.0	182.9	213.4
-70°	0.0	6.7	13.5	21.0	39.1	57.1	75.8	101.5	126.9	152.0	179.2
-72.5°	0.0	5.9	11.8	17.7	30.3	46.1	61.8	79.2	101.5	123.5	145.1
-75°	0.0	5.1	10.2	15.3	21.3	35.0	48.5	61.8	75.8	94.6	113.2
-77.5°	0.0	4.3	8.5	12.8	17.0	23.7	35.0	46.1	57.1	68.0	81.0
-80°	0.0	3.4	6.8	10.2	13.6	17.0	21.3	30.3	39.1	47.8	56.3
-82.5°	0.0	2.6	5.1	7.7	10.2	12.8	15.3	17.7	21.0	27.5	33.9
-85°	0.0	1.7	3.4	5.1	6.8	8.5	10.2	11.8	13.5	15.1	16.6
-87.5°	0.0	0.9	1.7	2.6	3.4	4.3	5.1	5.9	6.7	7.5	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: P645372 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-730-U-LAM-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°	9.1	9.8	10.6	11.3	12.0	12.7	13.3	13.9	14.5	15.1	15.6
85°	18.2	19.7	23.6	27.5	31.3	35.0	38.5	41.9	45.1	48.2	51.1
82.5°	40.2	46.3	52.3	58.2	63.8	69.3	75.1	82.5	89.6	96.3	102.7
80°	64.7	72.9	84.3	95.6	106.6	117.2	127.5	137.4	146.8	156.3	165.7
77.5°	96.3	111.1	125.7	139.8	153.8	168.4	182.5	196.1	209.1	221.5	233.3
75°	131.5	149.3	168.3	186.9	205.1	222.7	239.5	255.1	270.0	284.3	297.9
72.5°	167.8	190.7	213.1	234.9	255.2	274.8	293.7	311.9	330.7	349.6	367.6
70°	205.8	231.9	256.5	280.3	303.4	326.6	351.2	374.8	397.5	421.4	448.6
67.5°	243.0	271.0	298.4	325.9	353.3	383.9	411.6	446.4	480.1	512.2	545.2
65°	278.3	309.3	342.4	376.1	408.8	449.5	489.9	528.9	574.8	620.2	663.5
62.5°	313.0	350.8	388.6	429.7	477.0	523.0	576.2	630.5	682.8	741.8	799.2
60°	350.8	392.8	440.7	493.6	548.0	611.4	672.9	741.0	809.7	876.1	957.5
57.5°	388.6	440.7	499.2	562.2	632.7	703.9	784.0	861.4	954.3	1047.1	1139.4
55°	429.7	493.6	562.2	639.9	721.2	810.0	902.8	1010.9	1115.6	1232.2	1343.8
52.5°	477.0	548.0	632.7	721.2	818.7	925.4	1045.2	1169.0	1299.4	1426.0	1550.2
50°	523.0	611.4	703.9	810.0	925.4	1056.6	1195.9	1340.0	1482.4	1621.3	1751.3
47.5°	576.2	672.9	784.0	902.8	1045.2	1195.9	1353.7	1510.8	1664.4	1806.8	1943.2
45°	630.5	741.0	861.4	1010.9	1169.0	1340.0	1510.8	1678.8	1834.7	1981.9	2110.7
42.5°	682.8	809.7	954.3	1115.6	1299.4	1482.4	1664.4	1834.7	1994.5	2136.3	2265.7
40°	741.8	876.1	1047.1	1232.2	1426.0	1621.3	1806.8	1981.9	2136.3	2277.5	2408.5
37.5°	799.2	957.5	1139.4	1343.8	1550.2	1751.3	1943.2	2110.7	2265.7	2408.5	2534.1
35°	853.7	1034.9	1237.5	1452.1	1668.7	1873.2	2060.0	2230.5	2384.5	2523.0	2651.5
32.5°	914.3	1108.1	1330.3	1556.1	1776.7	1984.9	2170.1	2336.9	2490.0	2630.6	2758.2
30°	976.7	1187.0	1418.4	1654.0	1878.1	2081.8	2266.7	2435.6	2587.4	2726.4	2851.4
27.5°	1034.9	1261.5	1502.4	1742.6	1970.7	2172.6	2355.0	2521.3	2674.0	2814.0	2935.1
25°	1088.7	1330.3	1580.2	1823.7	2048.7	2251.1	2435.1	2601.3	2753.2	2887.4	3005.2
22.5°	1141.7	1393.3	1651.5	1898.1	2120.4	2321.2	2503.6	2670.2	2822.2	2955.2	3068.2
20°	1193.3	1452.1	1714.4	1964.1	2185.4	2385.0	2565.9	2732.2	2880.1	3008.9	3121.5
17.5°	1239.2	1504.4	1769.4	2017.4	2238.9	2439.4	2621.1	2788.0	2932.3	3057.4	3167.4
15°	1279.3	1550.2	1817.5	2064.1	2284.9	2484.6	2666.3	2831.3	2974.7	3098.8	3208.0
12.5°	1313.5	1589.2	1858.6	2104.0	2324.2	2523.3	2705.0	2867.8	3008.7	3131.2	3238.1
10°	1341.6	1621.3	1892.4	2136.8	2356.6	2555.2	2737.1	2897.9	3036.9	3158.1	3263.1
7.5°	1363.5	1646.4	1918.8	2162.5	2382.0	2580.3	2762.2	2921.6	3059.1	3179.4	3282.9
5°	1379.3	1664.4	1937.8	2181.0	2400.3	2598.2	2780.3	2938.7	3075.1	3194.7	3297.2
2.5°	1388.7	1675.2	1949.2	2192.1	2411.2	2609.1	2791.2	2949.0	3084.8	3203.9	3305.8
0°	1391.9	1678.8	1953.0	2195.8	2414.9	2612.7	2794.8	2952.4	3088.0	3207.0	3308.7
-2.5°	1388.7	1675.2	1949.2	2192.1	2411.2	2609.1	2791.2	2949.0	3084.8	3203.9	3305.8
-5°	1379.3	1664.4	1937.8	2181.0	2400.3	2598.2	2780.3	2938.7	3075.1	3194.7	3297.2
-7.5°	1363.5	1646.4	1918.8	2162.5	2382.0	2580.3	2762.2	2921.6	3059.1	3179.4	3282.9
-10°	1341.6	1621.3	1892.4	2136.8	2356.6	2555.2	2737.1	2897.9	3036.9	3158.1	3263.1
-12.5°	1313.5	1589.2	1858.6	2104.0	2324.2	2523.3	2705.0	2867.8	3008.7	3131.2	3238.1
-15°	1279.3	1550.2	1817.5	2064.1	2284.9	2484.6	2666.3	2831.3	2974.7	3098.8	3208.0
-17.5°	1239.2	1504.4	1769.4	2017.4	2238.9	2439.4	2621.1	2788.0	2932.3	3057.4	3167.4
-20°	1193.3	1452.1	1714.4	1964.1	2185.4	2385.0	2565.9	2732.2	2880.1	3008.9	3121.5



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 CATALOG NUMBER: GFLD-SA2C-730-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1141.7	1393.3	1651.5	1898.1	2120.4	2321.2	2503.6	2670.2	2822.2	2955.2	3068.2
-25°	1088.7	1330.3	1580.2	1823.7	2048.7	2251.1	2435.1	2601.3	2753.2	2887.4	3005.2
-27.5°	1034.9	1261.5	1502.4	1742.6	1970.7	2172.6	2355.0	2521.3	2674.0	2814.0	2935.1
-30°	976.7	1187.0	1418.4	1654.0	1878.1	2081.8	2266.7	2435.6	2587.4	2726.4	2851.4
-32.5°	914.3	1108.1	1330.3	1556.1	1776.7	1984.9	2170.1	2336.9	2490.0	2630.6	2758.2
-35°	853.7	1034.9	1237.5	1452.1	1668.7	1873.2	2060.0	2230.5	2384.5	2523.0	2651.5
-37.5°	799.2	957.5	1139.4	1343.8	1550.2	1751.3	1943.2	2110.7	2265.7	2408.5	2534.1
-40°	741.8	876.1	1047.1	1232.2	1426.0	1621.3	1806.8	1981.9	2136.3	2277.5	2408.5
-42.5°	682.8	809.7	954.3	1115.6	1299.4	1482.4	1664.4	1834.7	1994.5	2136.3	2265.7
-45°	630.5	741.0	861.4	1010.9	1169.0	1340.0	1510.8	1678.8	1834.7	1981.9	2110.7
-47.5°	576.2	672.9	784.0	902.8	1045.2	1195.9	1353.7	1510.8	1664.4	1806.8	1943.2
-50°	523.0	611.4	703.9	810.0	925.4	1056.6	1195.9	1340.0	1482.4	1621.3	1751.3
-52.5°	477.0	548.0	632.7	721.2	818.7	925.4	1045.2	1169.0	1299.4	1426.0	1550.2
-55°	429.7	493.6	562.2	639.9	721.2	810.0	902.8	1010.9	1115.6	1232.2	1343.8
-57.5°	388.6	440.7	499.2	562.2	632.7	703.9	784.0	861.4	954.3	1047.1	1139.4
-60°	350.8	392.8	440.7	493.6	548.0	611.4	672.9	741.0	809.7	876.1	957.5
-62.5°	313.0	350.8	388.6	429.7	477.0	523.0	576.2	630.5	682.8	741.8	799.2
-65°	278.3	309.3	342.4	376.1	408.8	449.5	489.9	528.9	574.8	620.2	663.5
-67.5°	243.0	271.0	298.4	325.9	355.3	383.9	411.6	446.4	480.1	512.2	545.2
-70°	205.8	231.9	256.5	280.3	303.4	326.6	351.2	374.8	397.5	421.4	448.6
-72.5°	167.8	190.7	213.1	234.9	255.2	274.8	293.7	311.9	330.7	349.6	367.6
-75°	131.5	149.3	168.3	186.9	205.1	222.7	239.5	255.1	270.0	284.3	297.9
-77.5°	96.3	111.1	125.7	139.8	153.8	168.4	182.5	196.1	209.1	221.5	233.3
-80°	64.7	72.9	84.3	95.6	106.6	117.2	127.5	137.4	146.8	156.3	165.7
-82.5°	40.2	46.3	52.3	58.2	63.8	69.3	75.1	82.5	89.6	96.3	102.7
-85°	18.2	19.7	23.6	27.5	31.3	35.0	38.5	41.9	45.1	48.2	51.1
-87.5°	9.1	9.8	10.6	11.3	12.0	12.7	13.3	13.9	14.5	15.1	15.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645372 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-730-U-LAM-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°	16.1	16.6	17.1	17.5	17.9	18.2	18.5	18.8	19.0	19.2	19.4
85°	53.9	56.5	58.9	61.2	63.2	65.1	66.8	68.3	69.6	70.8	71.7
82.5°	108.8	114.5	119.8	124.7	129.3	133.4	137.1	140.4	143.3	145.7	147.7
80°	174.6	183.0	190.8	198.0	204.7	210.8	216.3	221.1	225.4	229.0	231.9
77.5°	244.2	254.2	263.6	272.3	280.3	287.5	294.1	299.9	305.0	309.3	312.9
75°	310.7	323.2	336.0	347.9	358.9	368.8	377.8	385.8	392.8	398.7	403.5
72.5°	384.7	400.7	416.8	435.2	452.0	467.4	481.3	493.6	504.4	513.5	521.0
70°	474.3	498.5	521.2	544.3	568.8	591.2	611.4	629.4	645.0	658.3	669.3
67.5°	581.9	616.5	648.9	679.1	710.6	741.0	768.5	793.0	814.3	832.5	847.4
65°	707.7	754.1	797.7	838.2	876.1	920.3	960.3	995.8	1026.8	1053.2	1074.9
62.5°	853.7	914.3	976.7	1034.9	1088.7	1141.7	1193.3	1239.2	1279.3	1313.5	1341.6
60°	1034.9	1108.1	1187.0	1261.5	1330.3	1393.3	1452.1	1504.4	1550.2	1589.2	1621.3
57.5°	1237.5	1330.3	1418.4	1502.4	1580.2	1651.5	1714.4	1769.4	1817.5	1858.6	1892.4
55°	1452.1	1556.1	1654.0	1742.6	1823.7	1898.1	1964.1	2017.4	2064.1	2104.0	2136.8
52.5°	1668.7	1776.7	1878.1	1970.7	2048.7	2120.4	2185.4	2238.9	2284.9	2324.2	2356.6
50°	1873.2	1984.9	2081.8	2172.6	2251.1	2321.2	2385.0	2439.4	2484.6	2523.3	2555.2
47.5°	2060.0	2170.1	2266.7	2355.0	2435.1	2503.6	2565.9	2621.1	2666.3	2705.0	2737.1
45°	2230.5	2336.9	2435.6	2521.3	2601.3	2670.2	2732.2	2788.0	2831.3	2867.8	2897.9
42.5°	2384.5	2490.0	2587.4	2674.0	2753.2	2822.2	2880.1	2932.3	2974.7	3008.7	3036.9
40°	2523.0	2630.6	2726.4	2814.0	2887.4	2955.2	3008.9	3057.4	3098.8	3131.2	3158.1
37.5°	2651.5	2758.2	2851.4	2935.1	3005.2	3068.2	3121.5	3167.4	3208.0	3238.1	3263.1
35°	2768.9	2870.4	2962.5	3039.3	3108.8	3168.1	3220.5	3262.9	3300.6	3329.3	3352.1
32.5°	2870.4	2970.9	3056.5	3132.1	3199.9	3255.3	3305.5	3344.4	3378.6	3406.2	3427.4
30°	2962.5	3056.5	3139.9	3214.7	3276.6	3330.5	3375.7	3413.6	3445.2	3471.6	3490.2
27.5°	3039.3	3132.1	3214.7	3283.7	3342.9	3394.8	3436.2	3472.7	3500.3	3524.5	3540.5
25°	3108.8	3199.9	3276.6	3342.9	3400.3	3447.7	3487.1	3520.2	3544.6	3565.4	3577.3
22.5°	3168.1	3255.3	3330.5	3394.8	3447.7	3492.0	3529.1	3557.1	3577.1	3589.6	3596.7
20°	3220.5	3305.5	3375.7	3436.2	3487.1	3529.1	3561.3	3582.0	3596.0	3599.4	3601.4
17.5°	3262.9	3344.4	3413.6	3472.7	3520.2	3557.1	3582.0	3596.6	3600.8	3600.1	3598.0
15°	3300.6	3378.6	3445.2	3500.3	3544.6	3577.1	3596.0	3600.8	3599.6	3595.4	3588.9
12.5°	3329.3	3406.2	3471.6	3524.5	3565.4	3589.6	3599.4	3600.1	3595.4	3587.4	3578.1
10°	3352.1	3427.4	3490.2	3540.5	3577.3	3596.7	3601.4	3598.0	3588.9	3578.1	3567.9
7.5°	3370.2	3444.2	3505.0	3553.4	3585.1	3598.9	3599.9	3593.5	3582.5	3570.3	3559.2
5°	3383.2	3456.4	3515.8	3562.7	3590.8	3600.5	3598.8	3589.9	3577.2	3564.4	3554.2
2.5°	3391.2	3463.8	3522.4	3568.4	3594.3	3601.5	3598.1	3587.7	3573.8	3560.6	3551.0
0°	3393.8	3466.3	3524.6	3570.3	3595.5	3601.8	3597.9	3586.9	3572.7	3559.3	3549.8
-2.5°	3391.2	3463.8	3522.4	3568.4	3594.3	3601.5	3598.1	3587.7	3573.8	3560.6	3551.0
-5°	3383.2	3456.4	3515.8	3562.7	3590.8	3600.5	3598.8	3589.9	3577.2	3564.4	3554.2
-7.5°	3370.2	3444.2	3505.0	3553.4	3585.1	3598.9	3599.9	3593.5	3582.5	3570.3	3559.2
-10°	3352.1	3427.4	3490.2	3540.5	3577.3	3596.7	3601.4	3598.0	3588.9	3578.1	3567.9
-12.5°	3329.3	3406.2	3471.6	3524.5	3565.4	3589.6	3599.4	3600.1	3595.4	3587.4	3578.1
-15°	3300.6	3378.6	3445.2	3500.3	3544.6	3577.1	3596.0	3600.8	3599.6	3595.4	3588.9
-17.5°	3262.9	3344.4	3413.6	3472.7	3520.2	3557.1	3582.0	3596.6	3600.8	3600.1	3598.0
-20°	3220.5	3305.5	3375.7	3436.2	3487.1	3529.1	3561.3	3582.0	3596.0	3599.4	3601.4

Classified

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

Scaled Data Report



REPORT NUMBER: P645372 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2C-730-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3168.1	3255.3	3330.5	3394.8	3447.7	3492.0	3529.1	3557.1	3577.1	3589.6	3596.7
-25°	3108.8	3199.9	3276.6	3342.9	3400.3	3447.7	3487.1	3520.2	3544.6	3565.4	3577.3
-27.5°	3039.3	3132.1	3214.7	3283.7	3342.9	3394.8	3436.2	3472.7	3500.3	3524.5	3540.5
-30°	2962.5	3056.5	3139.9	3214.7	3276.6	3330.5	3375.7	3413.6	3445.2	3471.6	3490.2
-32.5°	2870.4	2970.9	3056.5	3132.1	3199.9	3255.3	3305.5	3344.4	3378.6	3406.2	3427.4
-35°	2768.9	2870.4	2962.5	3039.3	3108.8	3168.1	3220.5	3262.9	3300.6	3329.3	3352.1
-37.5°	2651.5	2758.2	2851.4	2935.1	3005.2	3068.2	3121.5	3167.4	3208.0	3238.1	3263.1
-40°	2523.0	2630.6	2726.4	2814.0	2887.4	2955.2	3008.9	3057.4	3098.8	3131.2	3158.1
-42.5°	2384.5	2490.0	2587.4	2674.0	2753.2	2822.2	2880.1	2932.3	2974.7	3008.7	3036.9
-45°	2230.5	2336.9	2435.6	2521.3	2601.3	2670.2	2732.2	2788.0	2831.3	2867.8	2897.9
-47.5°	2060.0	2170.1	2266.7	2355.0	2435.1	2503.6	2565.9	2621.1	2666.3	2705.0	2737.1
-50°	1873.2	1984.9	2081.8	2172.6	2251.1	2321.2	2385.0	2439.4	2484.6	2523.3	2555.2
-52.5°	1668.7	1776.7	1878.1	1970.7	2048.7	2120.4	2185.4	2238.9	2284.9	2324.2	2356.6
-55°	1452.1	1556.1	1654.0	1742.6	1823.7	1898.1	1964.1	2017.4	2064.1	2104.0	2136.8
-57.5°	1237.5	1330.3	1418.4	1502.4	1580.2	1651.5	1714.4	1769.4	1817.5	1858.6	1892.4
-60°	1034.9	1108.1	1187.0	1261.5	1330.3	1393.3	1452.1	1504.4	1550.2	1589.2	1621.3
-62.5°	853.7	914.3	976.7	1034.9	1088.7	1141.7	1193.3	1239.2	1279.3	1313.5	1341.6
-65°	707.7	754.1	797.7	838.2	876.1	920.3	960.3	995.8	1026.8	1053.2	1074.9
-67.5°	581.9	616.5	648.9	679.1	710.6	741.0	768.5	793.0	814.3	832.5	847.4
-70°	474.3	498.5	521.2	544.3	568.8	591.2	611.4	629.4	645.0	658.3	669.3
-72.5°	384.7	400.7	416.8	435.2	452.0	467.4	481.3	493.6	504.4	513.5	521.0
-75°	310.7	323.2	336.0	347.9	358.9	368.8	377.8	385.8	392.8	398.7	403.5
-77.5°	244.2	254.2	263.6	272.3	280.3	287.5	294.1	299.9	305.0	309.3	312.9
-80°	174.6	183.0	190.8	198.0	204.7	210.8	216.3	221.1	225.4	229.0	231.9
-82.5°	108.8	114.5	119.8	124.7	129.3	133.4	137.1	140.4	143.3	145.7	147.7
-85°	53.9	56.5	58.9	61.2	63.2	65.1	66.8	68.3	69.6	70.8	71.7
-87.5°	16.1	16.6	17.1	17.5	17.9	18.2	18.5	18.8	19.0	19.2	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: P645372 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-730-U-LAM-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°	19.5	19.6	19.7	19.7	19.7	19.6	19.5	19.4	19.2	19.0	18.8
85°	72.4	72.9	73.2	73.3	73.2	72.9	72.4	71.7	70.8	69.6	68.3
82.5°	149.3	150.4	151.1	151.3	151.1	150.4	149.3	147.7	145.7	143.3	140.4
80°	234.2	235.9	236.9	237.2	236.9	235.9	234.2	231.9	229.0	225.4	221.1
77.5°	315.6	317.6	318.8	319.2	318.8	317.6	315.6	312.9	309.3	305.0	299.9
75°	407.3	410.0	411.7	412.2	411.7	410.0	407.3	403.5	398.7	392.8	385.8
72.5°	526.8	531.0	533.6	534.4	533.6	531.0	526.8	521.0	513.5	504.4	493.6
70°	677.8	683.9	687.6	688.8	687.6	683.9	677.8	669.3	658.3	645.0	629.4
67.5°	859.1	867.4	872.4	874.1	872.4	867.4	859.1	847.4	832.5	814.3	793.0
65°	1091.8	1104.0	1111.3	1113.7	1111.3	1104.0	1091.8	1074.9	1053.2	1026.8	995.8
62.5°	1363.5	1379.3	1388.7	1391.9	1388.7	1379.3	1363.5	1341.6	1313.5	1279.3	1239.2
60°	1646.4	1664.4	1675.2	1678.8	1675.2	1664.4	1646.4	1621.3	1589.2	1550.2	1504.4
57.5°	1918.8	1937.8	1949.2	1953.0	1949.2	1937.8	1918.8	1892.4	1858.6	1817.5	1769.4
55°	2162.5	2181.0	2192.1	2195.8	2192.1	2181.0	2162.5	2136.8	2104.0	2064.1	2017.4
52.5°	2382.0	2400.3	2411.2	2414.9	2411.2	2400.3	2382.0	2356.6	2324.2	2284.9	2238.9
50°	2580.3	2598.2	2609.1	2612.7	2609.1	2598.2	2580.3	2555.2	2523.3	2484.6	2439.4
47.5°	2762.2	2780.3	2791.2	2794.8	2791.2	2780.3	2762.2	2737.1	2705.0	2666.3	2621.1
45°	2921.6	2938.7	2949.0	2952.4	2949.0	2938.7	2921.6	2897.9	2867.8	2831.3	2788.0
42.5°	3059.1	3075.1	3084.8	3088.0	3084.8	3075.1	3059.1	3036.9	3008.7	2974.7	2932.3
40°	3179.4	3194.7	3203.9	3207.0	3203.9	3194.7	3179.4	3158.1	3131.2	3098.8	3057.4
37.5°	3282.9	3297.2	3305.8	3308.7	3305.8	3297.2	3282.9	3263.1	3238.1	3208.0	3167.4
35°	3370.2	3383.2	3391.2	3393.8	3391.2	3383.2	3370.2	3352.1	3329.3	3300.6	3262.9
32.5°	3444.2	3456.4	3463.8	3466.3	3463.8	3456.4	3444.2	3427.4	3406.2	3378.6	3344.4
30°	3505.0	3515.8	3522.4	3524.6	3522.4	3515.8	3505.0	3490.2	3471.6	3445.2	3413.6
27.5°	3553.4	3562.7	3568.4	3570.3	3568.4	3562.7	3553.4	3540.5	3524.5	3500.3	3472.7
25°	3585.1	3590.8	3594.3	3595.5	3594.3	3590.8	3585.1	3577.3	3565.4	3544.6	3520.2
22.5°	3598.9	3600.5	3601.5	3601.8	3601.5	3600.5	3598.9	3596.7	3589.6	3577.1	3557.1
20°	3599.9	3598.8	3598.1	3597.9	3598.1	3598.8	3599.9	3601.4	3599.4	3596.0	3582.0
17.5°	3593.5	3589.9	3587.7	3586.9	3587.7	3589.9	3593.5	3598.0	3600.1	3600.8	3596.6
15°	3582.5	3577.2	3573.8	3572.7	3573.8	3577.2	3582.5	3588.9	3595.4	3599.6	3600.8
12.5°	3570.3	3564.4	3560.6	3559.3	3560.6	3564.4	3570.3	3578.1	3587.4	3595.4	3600.1
10°	3559.2	3554.2	3551.0	3549.8	3551.0	3554.2	3559.2	3567.9	3578.1	3588.9	3598.0
7.5°	3552.0	3547.6	3545.2	3544.3	3545.2	3547.6	3552.0	3559.2	3570.3	3582.5	3593.5
5°	3547.6	3543.2	3539.5	3538.0	3539.5	3543.2	3547.6	3554.2	3564.4	3577.2	3589.9
2.5°	3545.2	3539.5	3533.8	3530.9	3533.8	3539.5	3545.2	3551.0	3560.6	3573.8	3587.7
0°	3544.3	3538.0	3530.9	3531.7	3530.9	3538.0	3544.3	3549.8	3559.3	3572.7	3586.9
-2.5°	3545.2	3539.5	3533.8	3530.9	3533.8	3539.5	3545.2	3551.0	3560.6	3573.8	3587.7
-5°	3547.6	3543.2	3539.5	3538.0	3539.5	3543.2	3547.6	3554.2	3564.4	3577.2	3589.9
-7.5°	3552.0	3547.6	3545.2	3544.3	3545.2	3547.6	3552.0	3559.2	3570.3	3582.5	3593.5
-10°	3559.2	3554.2	3551.0	3549.8	3551.0	3554.2	3559.2	3567.9	3578.1	3588.9	3598.0
-12.5°	3570.3	3564.4	3560.6	3559.3	3560.6	3564.4	3570.3	3578.1	3587.4	3595.4	3600.1
-15°	3582.5	3577.2	3573.8	3572.7	3573.8	3577.2	3582.5	3588.9	3595.4	3599.6	3600.8
-17.5°	3593.5	3589.9	3587.7	3586.9	3587.7	3589.9	3593.5	3598.0	3600.1	3600.8	3596.6
-20°	3599.9	3598.8	3598.1	3597.9	3598.1	3598.8	3599.9	3601.4	3599.4	3596.0	3582.0



REPORT NUMBER: P645372 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-730-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3598.9	3600.5	3601.5	3601.8	3601.5	3600.5	3598.9	3596.7	3589.6	3577.1	3557.1
-25°	3585.1	3590.8	3594.3	3595.5	3594.3	3590.8	3585.1	3577.3	3565.4	3544.6	3520.2
-27.5°	3553.4	3562.7	3568.4	3570.3	3568.4	3562.7	3553.4	3540.5	3524.5	3500.3	3472.7
-30°	3505.0	3515.8	3522.4	3524.6	3522.4	3515.8	3505.0	3490.2	3471.6	3445.2	3413.6
-32.5°	3444.2	3456.4	3463.8	3466.3	3463.8	3456.4	3444.2	3427.4	3406.2	3378.6	3344.4
-35°	3370.2	3383.2	3391.2	3393.8	3391.2	3383.2	3370.2	3352.1	3329.3	3300.6	3262.9
-37.5°	3282.9	3297.2	3305.8	3308.7	3305.8	3297.2	3282.9	3263.1	3238.1	3208.0	3167.4
-40°	3179.4	3194.7	3203.9	3207.0	3203.9	3194.7	3179.4	3158.1	3131.2	3098.8	3057.4
-42.5°	3059.1	3075.1	3084.8	3088.0	3084.8	3075.1	3059.1	3036.9	3008.7	2974.7	2932.3
-45°	2921.6	2938.7	2949.0	2952.4	2949.0	2938.7	2921.6	2897.9	2867.8	2831.3	2788.0
-47.5°	2762.2	2780.3	2791.2	2794.8	2791.2	2780.3	2762.2	2737.1	2705.0	2666.3	2621.1
-50°	2580.3	2598.2	2609.1	2612.7	2609.1	2598.2	2580.3	2555.2	2523.3	2484.6	2439.4
-52.5°	2382.0	2400.3	2411.2	2414.9	2411.2	2400.3	2382.0	2356.6	2324.2	2284.9	2238.9
-55°	2162.5	2181.0	2192.1	2195.8	2192.1	2181.0	2162.5	2136.8	2104.0	2064.1	2017.4
-57.5°	1918.8	1937.8	1949.2	1953.0	1949.2	1937.8	1918.8	1892.4	1858.6	1817.5	1769.4
-60°	1646.4	1664.4	1675.2	1678.8	1675.2	1664.4	1646.4	1621.3	1589.2	1550.2	1504.4
-62.5°	1363.5	1379.3	1388.7	1391.9	1388.7	1379.3	1363.5	1341.6	1313.5	1279.3	1239.2
-65°	1091.8	1104.0	1111.3	1113.7	1111.3	1104.0	1091.8	1074.9	1053.2	1026.8	995.8
-67.5°	859.1	867.4	872.4	874.1	872.4	867.4	859.1	847.4	832.5	814.3	793.0
-70°	677.8	683.9	687.6	688.8	687.6	683.9	677.8	669.3	658.3	645.0	629.4
-72.5°	526.8	531.0	533.6	534.4	533.6	531.0	526.8	521.0	513.5	504.4	493.6
-75°	407.3	410.0	411.7	412.2	411.7	410.0	407.3	403.5	398.7	392.8	385.8
-77.5°	315.6	317.6	318.8	319.2	318.8	317.6	315.6	312.9	309.3	305.0	299.9
-80°	234.2	235.9	236.9	237.2	236.9	235.9	234.2	231.9	229.0	225.4	221.1
-82.5°	149.3	150.4	151.1	151.3	151.1	150.4	149.3	147.7	145.7	143.3	140.4
-85°	72.4	72.9	73.2	73.3	73.2	72.9	72.4	71.7	70.8	69.6	68.3
-87.5°	19.5	19.6	19.7	19.7	19.7	19.6	19.5	19.4	19.2	19.0	18.8
-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: P645372 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-730-U-LAM-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°	18.5	18.2	17.9	17.5	17.1	16.6	16.1	15.6	15.1	14.5	13.9
85°	66.8	65.1	63.2	61.2	58.9	56.5	53.9	51.1	48.2	45.1	41.9
82.5°	137.1	133.4	129.3	124.7	119.8	114.5	108.8	102.7	96.3	89.6	82.5
80°	216.3	210.8	204.7	198.0	190.8	183.0	174.6	165.7	156.3	146.8	137.4
77.5°	294.1	287.5	280.3	272.3	263.6	254.2	244.2	233.3	221.5	209.1	196.1
75°	377.8	368.8	358.9	347.9	336.0	323.2	310.7	297.9	284.3	270.0	255.1
72.5°	481.3	467.4	452.0	435.2	416.8	400.7	384.7	367.6	349.6	330.7	311.9
70°	611.4	591.2	568.8	544.3	521.2	498.5	474.3	448.6	421.4	397.5	374.8
67.5°	768.5	741.0	710.6	679.1	648.9	616.5	581.9	545.2	512.2	480.1	446.4
65°	960.3	920.3	876.1	838.2	797.7	754.1	707.7	663.5	620.2	574.8	528.9
62.5°	1193.3	1141.7	1088.7	1034.9	976.7	914.3	853.7	799.2	741.8	682.8	630.5
60°	1452.1	1393.3	1330.3	1261.5	1187.0	1108.1	1034.9	957.5	876.1	809.7	741.0
57.5°	1714.4	1651.5	1580.2	1502.4	1418.4	1330.3	1237.5	1139.4	1047.1	954.3	861.4
55°	1964.1	1898.1	1823.7	1742.6	1654.0	1556.1	1452.1	1343.8	1232.2	1115.6	1010.9
52.5°	2185.4	2120.4	2048.7	1970.7	1878.1	1776.7	1668.7	1550.2	1426.0	1299.4	1169.0
50°	2385.0	2321.2	2251.1	2172.6	2081.8	1984.9	1873.2	1751.3	1621.3	1482.4	1340.0
47.5°	2565.9	2503.6	2435.1	2355.0	2266.7	2170.1	2060.0	1943.2	1806.8	1664.4	1510.8
45°	2732.2	2670.2	2601.3	2521.3	2435.6	2336.9	2230.5	2110.7	1981.9	1834.7	1678.8
42.5°	2880.1	2822.2	2753.2	2674.0	2587.4	2490.0	2384.5	2265.7	2136.3	1994.5	1834.7
40°	3008.9	2955.2	2887.4	2814.0	2726.4	2630.6	2523.0	2408.5	2277.5	2136.3	1981.9
37.5°	3121.5	3068.2	3005.2	2935.1	2851.4	2758.2	2651.5	2534.1	2408.5	2265.7	2110.7
35°	3220.5	3168.1	3108.8	3039.3	2962.5	2870.4	2768.9	2651.5	2523.0	2384.5	2230.5
32.5°	3305.5	3255.3	3199.9	3132.1	3056.5	2970.9	2870.4	2758.2	2630.6	2490.0	2336.9
30°	3375.7	3330.5	3276.6	3214.7	3139.9	3056.5	2962.5	2851.4	2726.4	2587.4	2435.6
27.5°	3436.2	3394.8	3342.9	3283.7	3214.7	3132.1	3039.3	2935.1	2814.0	2674.0	2521.3
25°	3487.1	3447.7	3400.3	3342.9	3276.6	3199.9	3108.8	3005.2	2887.4	2753.2	2601.3
22.5°	3529.1	3492.0	3447.7	3394.8	3330.5	3255.3	3168.1	3068.2	2955.2	2822.2	2670.2
20°	3561.3	3529.1	3487.1	3436.2	3375.7	3305.5	3220.5	3121.5	3008.9	2880.1	2732.2
17.5°	3582.0	3557.1	3520.2	3472.7	3413.6	3344.4	3262.9	3167.4	3057.4	2932.3	2788.0
15°	3596.0	3577.1	3544.6	3500.3	3445.2	3378.6	3300.6	3208.0	3098.8	2974.7	2831.3
12.5°	3599.4	3589.6	3565.4	3524.5	3471.6	3406.2	3329.3	3238.1	3131.2	3008.7	2867.8
10°	3601.4	3596.7	3577.3	3540.5	3490.2	3427.4	3352.1	3263.1	3158.1	3036.9	2897.9
7.5°	3599.9	3598.9	3585.1	3553.4	3505.0	3444.2	3370.2	3282.9	3179.4	3059.1	2921.6
5°	3598.8	3600.5	3590.8	3562.7	3515.8	3456.4	3383.2	3297.2	3194.7	3075.1	2938.7
2.5°	3598.1	3601.5	3594.3	3568.4	3522.4	3463.8	3391.2	3305.8	3203.9	3084.8	2949.0
0°	3597.9	3601.8	3595.5	3570.3	3524.6	3466.3	3393.8	3308.7	3207.0	3088.0	2952.4
-2.5°	3598.1	3601.5	3594.3	3568.4	3522.4	3463.8	3391.2	3305.8	3203.9	3084.8	2949.0
-5°	3598.8	3600.5	3590.8	3562.7	3515.8	3456.4	3383.2	3297.2	3194.7	3075.1	2938.7
-7.5°	3599.9	3598.9	3585.1	3553.4	3505.0	3444.2	3370.2	3282.9	3179.4	3059.1	2921.6
-10°	3601.4	3596.7	3577.3	3540.5	3490.2	3427.4	3352.1	3263.1	3158.1	3036.9	2897.9
-12.5°	3599.4	3589.6	3565.4	3524.5	3471.6	3406.2	3329.3	3238.1	3131.2	3008.7	2867.8
-15°	3596.0	3577.1	3544.6	3500.3	3445.2	3378.6	3300.6	3208.0	3098.8	2974.7	2831.3
-17.5°	3582.0	3557.1	3520.2	3472.7	3413.6	3344.4	3262.9	3167.4	3057.4	2932.3	2788.0
-20°	3561.3	3529.1	3487.1	3436.2	3375.7	3305.5	3220.5	3121.5	3008.9	2880.1	2732.2

Classified

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

Scaled Data Report



REPORT NUMBER: P645372 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2C-730-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3529.1	3492.0	3447.7	3394.8	3330.5	3255.3	3168.1	3068.2	2955.2	2822.2	2670.2
-25°	3487.1	3447.7	3400.3	3342.9	3276.6	3199.9	3108.8	3005.2	2887.4	2753.2	2601.3
-27.5°	3436.2	3394.8	3342.9	3283.7	3214.7	3132.1	3039.3	2935.1	2814.0	2674.0	2521.3
-30°	3375.7	3330.5	3276.6	3214.7	3139.9	3056.5	2962.5	2851.4	2726.4	2587.4	2435.6
-32.5°	3305.5	3255.3	3199.9	3132.1	3056.5	2970.9	2870.4	2758.2	2630.6	2490.0	2336.9
-35°	3220.5	3168.1	3108.8	3039.3	2962.5	2870.4	2768.9	2651.5	2523.0	2384.5	2230.5
-37.5°	3121.5	3068.2	3005.2	2935.1	2851.4	2758.2	2651.5	2534.1	2408.5	2265.7	2110.7
-40°	3008.9	2955.2	2887.4	2814.0	2726.4	2630.6	2523.0	2408.5	2277.5	2136.3	1981.9
-42.5°	2880.1	2822.2	2753.2	2674.0	2587.4	2490.0	2384.5	2265.7	2136.3	1994.5	1834.7
-45°	2732.2	2670.2	2601.3	2521.3	2435.6	2336.9	2230.5	2110.7	1981.9	1834.7	1678.8
-47.5°	2565.9	2503.6	2435.1	2355.0	2266.7	2170.1	2060.0	1943.2	1806.8	1664.4	1510.8
-50°	2385.0	2321.2	2251.1	2172.6	2081.8	1984.9	1873.2	1751.3	1621.3	1482.4	1340.0
-52.5°	2185.4	2120.4	2048.7	1970.7	1878.1	1776.7	1668.7	1550.2	1426.0	1299.4	1169.0
-55°	1964.1	1898.1	1823.7	1742.6	1654.0	1556.1	1452.1	1343.8	1232.2	1115.6	1010.9
-57.5°	1714.4	1651.5	1580.2	1502.4	1418.4	1330.3	1237.5	1139.4	1047.1	954.3	861.4
-60°	1452.1	1393.3	1330.3	1261.5	1187.0	1108.1	1034.9	957.5	876.1	809.7	741.0
-62.5°	1193.3	1141.7	1088.7	1034.9	976.7	914.3	853.7	799.2	741.8	682.8	630.5
-65°	960.3	920.3	876.1	838.2	797.7	754.1	707.7	663.5	620.2	574.8	528.9
-67.5°	768.5	741.0	710.6	679.1	648.9	616.5	581.9	545.2	512.2	480.1	446.4
-70°	611.4	591.2	568.8	544.3	521.2	498.5	474.3	448.6	421.4	397.5	374.8
-72.5°	481.3	467.4	452.0	435.2	416.8	400.7	384.7	367.6	349.6	330.7	311.9
-75°	377.8	368.8	358.9	347.9	336.0	323.2	310.7	297.9	284.3	270.0	255.1
-77.5°	294.1	287.5	280.3	272.3	263.6	254.2	244.2	233.3	221.5	209.1	196.1
-80°	216.3	210.8	204.7	198.0	190.8	183.0	174.6	165.7	156.3	146.8	137.4
-82.5°	137.1	133.4	129.3	124.7	119.8	114.5	108.8	102.7	96.3	89.6	82.5
-85°	66.8	65.1	63.2	61.2	58.9	56.5	53.9	51.1	48.2	45.1	41.9
-87.5°	18.5	18.2	17.9	17.5	17.1	16.6	16.1	15.6	15.1	14.5	13.9
-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: P645372 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-730-U-LAM-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°	13.3	12.7	12.0	11.3	10.6	9.8	9.1	8.3	7.5	6.7	5.9
85°	38.5	35.0	31.3	27.5	23.6	19.7	18.2	16.6	15.1	13.5	11.8
82.5°	75.1	69.3	63.8	58.2	52.3	46.3	40.2	33.9	27.5	21.0	17.7
80°	127.5	117.2	106.6	95.6	84.3	72.9	64.7	56.3	47.8	39.1	30.3
77.5°	182.5	168.4	153.8	139.8	125.7	111.1	96.3	81.0	68.0	57.1	46.1
75°	239.5	222.7	205.1	186.9	168.3	149.3	131.5	113.2	94.6	75.8	61.8
72.5°	293.7	274.8	255.2	234.9	213.1	190.7	167.8	145.1	123.5	101.5	79.2
70°	351.2	326.6	303.4	280.3	256.5	231.9	205.8	179.2	152.0	126.9	101.5
67.5°	411.6	383.9	355.3	325.9	298.4	271.0	243.0	213.4	182.9	152.0	123.5
65°	489.9	449.5	408.8	376.1	342.4	309.3	278.3	246.7	213.4	179.2	145.1
62.5°	576.2	523.0	477.0	429.7	388.6	350.8	313.0	278.3	243.0	205.8	167.8
60°	672.9	611.4	548.0	493.6	440.7	392.8	350.8	309.3	271.0	231.9	190.7
57.5°	784.0	703.9	632.7	562.2	499.2	440.7	388.6	342.4	298.4	256.5	213.1
55°	902.8	810.0	721.2	639.9	562.2	493.6	429.7	376.1	325.9	280.3	234.9
52.5°	1045.2	925.4	818.7	721.2	632.7	548.0	477.0	408.8	355.3	303.4	255.2
50°	1195.9	1056.6	925.4	810.0	703.9	611.4	523.0	449.5	383.9	326.6	274.8
47.5°	1353.7	1195.9	1045.2	902.8	784.0	672.9	576.2	489.9	411.6	351.2	293.7
45°	1510.8	1340.0	1169.0	1010.9	861.4	741.0	630.5	528.9	446.4	374.8	311.9
42.5°	1664.4	1482.4	1299.4	1115.6	954.3	809.7	682.8	574.8	480.1	397.5	330.7
40°	1806.8	1621.3	1426.0	1232.2	1047.1	876.1	741.8	620.2	512.2	421.4	349.6
37.5°	1943.2	1751.3	1550.2	1343.8	1139.4	957.5	799.2	663.5	545.2	448.6	367.6
35°	2060.0	1873.2	1668.7	1452.1	1237.5	1034.9	853.7	707.7	581.9	474.3	384.7
32.5°	2170.1	1984.9	1776.7	1556.1	1330.3	1108.1	914.3	754.1	616.5	498.5	400.7
30°	2266.7	2081.8	1878.1	1654.0	1418.4	1187.0	976.7	797.7	648.9	521.2	416.8
27.5°	2355.0	2172.6	1970.7	1742.6	1502.4	1261.5	1034.9	838.2	679.1	544.3	435.2
25°	2435.1	2251.1	2048.7	1823.7	1580.2	1330.3	1088.7	876.1	710.6	568.8	452.0
22.5°	2503.6	2321.2	2120.4	1898.1	1651.5	1393.3	1141.7	920.3	741.0	591.2	467.4
20°	2565.9	2385.0	2185.4	1964.1	1714.4	1452.1	1193.3	960.3	768.5	611.4	481.3
17.5°	2621.1	2439.4	2238.9	2017.4	1769.4	1504.4	1239.2	995.8	793.0	629.4	493.6
15°	2666.3	2484.6	2284.9	2064.1	1817.5	1550.2	1279.3	1026.8	814.3	645.0	504.4
12.5°	2705.0	2523.3	2324.2	2104.0	1858.6	1589.2	1313.5	1053.2	832.5	658.3	513.5
10°	2737.1	2555.2	2356.6	2136.8	1892.4	1621.3	1341.6	1074.9	847.4	669.3	521.0
7.5°	2762.2	2580.3	2382.0	2162.5	1918.8	1646.4	1363.5	1091.8	859.1	677.8	526.8
5°	2780.3	2598.2	2400.3	2181.0	1937.8	1664.4	1379.3	1104.0	867.4	683.9	531.0
2.5°	2791.2	2609.1	2411.2	2192.1	1949.2	1675.2	1388.7	1111.3	872.4	687.6	533.6
0°	2794.8	2612.7	2414.9	2195.8	1953.0	1678.8	1391.9	1113.7	874.1	688.8	534.4
-2.5°	2791.2	2609.1	2411.2	2192.1	1949.2	1675.2	1388.7	1111.3	872.4	687.6	533.6
-5°	2780.3	2598.2	2400.3	2181.0	1937.8	1664.4	1379.3	1104.0	867.4	683.9	531.0
-7.5°	2762.2	2580.3	2382.0	2162.5	1918.8	1646.4	1363.5	1091.8	859.1	677.8	526.8
-10°	2737.1	2555.2	2356.6	2136.8	1892.4	1621.3	1341.6	1074.9	847.4	669.3	521.0
-12.5°	2705.0	2523.3	2324.2	2104.0	1858.6	1589.2	1313.5	1053.2	832.5	658.3	513.5
-15°	2666.3	2484.6	2284.9	2064.1	1817.5	1550.2	1279.3	1026.8	814.3	645.0	504.4
-17.5°	2621.1	2439.4	2238.9	2017.4	1769.4	1504.4	1239.2	995.8	793.0	629.4	493.6
-20°	2565.9	2385.0	2185.4	1964.1	1714.4	1452.1	1193.3	960.3	768.5	611.4	481.3

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Scaled Data Report



REPORT NUMBER: P645372 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2C-730-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2503.6	2321.2	2120.4	1898.1	1651.5	1393.3	1141.7	920.3	741.0	591.2	467.4
-25°	2435.1	2251.1	2048.7	1823.7	1580.2	1330.3	1088.7	876.1	710.6	568.8	452.0
-27.5°	2355.0	2172.6	1970.7	1742.6	1502.4	1261.5	1034.9	838.2	679.1	544.3	435.2
-30°	2266.7	2081.8	1878.1	1654.0	1418.4	1187.0	976.7	797.7	648.9	521.2	416.8
-32.5°	2170.1	1984.9	1776.7	1556.1	1330.3	1108.1	914.3	754.1	616.5	498.5	400.7
-35°	2060.0	1873.2	1668.7	1452.1	1237.5	1034.9	853.7	707.7	581.9	474.3	384.7
-37.5°	1943.2	1751.3	1550.2	1343.8	1139.4	957.5	799.2	663.5	545.2	448.6	367.6
-40°	1806.8	1621.3	1426.0	1232.2	1047.1	876.1	741.8	620.2	512.2	421.4	349.6
-42.5°	1664.4	1482.4	1299.4	1115.6	954.3	809.7	682.8	574.8	480.1	397.5	330.7
-45°	1510.8	1340.0	1169.0	1010.9	861.4	741.0	630.5	528.9	446.4	374.8	311.9
-47.5°	1353.7	1195.9	1045.2	902.8	784.0	672.9	576.2	489.9	411.6	351.2	293.7
-50°	1195.9	1056.6	925.4	810.0	703.9	611.4	523.0	449.5	383.9	326.6	274.8
-52.5°	1045.2	925.4	818.7	721.2	632.7	548.0	477.0	408.8	355.3	303.4	255.2
-55°	902.8	810.0	721.2	639.9	562.2	493.6	429.7	376.1	325.9	280.3	234.9
-57.5°	784.0	703.9	632.7	562.2	499.2	440.7	388.6	342.4	298.4	256.5	213.1
-60°	672.9	611.4	548.0	493.6	440.7	392.8	350.8	309.3	271.0	231.9	190.7
-62.5°	576.2	523.0	477.0	429.7	388.6	350.8	313.0	278.3	243.0	205.8	167.8
-65°	489.9	449.5	408.8	376.1	342.4	309.3	278.3	246.7	213.4	179.2	145.1
-67.5°	411.6	383.9	355.3	325.9	298.4	271.0	243.0	213.4	182.9	152.0	123.5
-70°	351.2	326.6	303.4	280.3	256.5	231.9	205.8	179.2	152.0	126.9	101.5
-72.5°	293.7	274.8	255.2	234.9	213.1	190.7	167.8	145.1	123.5	101.5	79.2
-75°	239.5	222.7	205.1	186.9	168.3	149.3	131.5	113.2	94.6	75.8	61.8
-77.5°	182.5	168.4	153.8	139.8	125.7	111.1	96.3	81.0	68.0	57.1	46.1
-80°	127.5	117.2	106.6	95.6	84.3	72.9	64.7	56.3	47.8	39.1	30.3
-82.5°	75.1	69.3	63.8	58.2	52.3	46.3	40.2	33.9	27.5	21.0	17.7
-85°	38.5	35.0	31.3	27.5	23.6	19.7	18.2	16.6	15.1	13.5	11.8
-87.5°	13.3	12.7	12.0	11.3	10.6	9.8	9.1	8.3	7.5	6.7	5.9
-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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REPORT NUMBER: P645372 (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°	5.1	4.3	3.4	2.6	1.7	0.9	0.0
85°	10.2	8.5	6.8	5.1	3.4	1.7	0.0
82.5°	15.3	12.8	10.2	7.7	5.1	2.6	0.0
80°	21.3	17.0	13.6	10.2	6.8	3.4	0.0
77.5°	35.0	23.7	17.0	12.8	8.5	4.3	0.0
75°	48.5	35.0	21.3	15.3	10.2	5.1	0.0
72.5°	61.8	46.1	30.3	17.7	11.8	5.9	0.0
70°	75.8	57.1	39.1	21.0	13.5	6.7	0.0
67.5°	94.6	68.0	47.8	27.5	15.1	7.5	0.0
65°	113.2	81.0	56.3	33.9	16.6	8.3	0.0
62.5°	131.5	96.3	64.7	40.2	18.2	9.1	0.0
60°	149.3	111.1	72.9	46.3	19.7	9.8	0.0
57.5°	168.3	125.7	84.3	52.3	23.6	10.6	0.0
55°	186.9	139.8	95.6	58.2	27.5	11.3	0.0
52.5°	205.1	153.8	106.6	63.8	31.3	12.0	0.0
50°	222.7	168.4	117.2	69.3	35.0	12.7	0.0
47.5°	239.5	182.5	127.5	75.1	38.5	13.3	0.0
45°	255.1	196.1	137.4	82.5	41.9	13.9	0.0
42.5°	270.0	209.1	146.8	89.6	45.1	14.5	0.0
40°	284.3	221.5	156.3	96.3	48.2	15.1	0.0
37.5°	297.9	233.3	165.7	102.7	51.1	15.6	0.0
35°	310.7	244.2	174.6	108.8	53.9	16.1	0.0
32.5°	323.2	254.2	183.0	114.5	56.5	16.6	0.0
30°	336.0	263.6	190.8	119.8	58.9	17.1	0.0
27.5°	347.9	272.3	198.0	124.7	61.2	17.5	0.0
25°	358.9	280.3	204.7	129.3	63.2	17.9	0.0
22.5°	368.8	287.5	210.8	133.4	65.1	18.2	0.0
20°	377.8	294.1	216.3	137.1	66.8	18.5	0.0
17.5°	385.8	299.9	221.1	140.4	68.3	18.8	0.0
15°	392.8	305.0	225.4	143.3	69.6	19.0	0.0
12.5°	398.7	309.3	229.0	145.7	70.8	19.2	0.0
10°	403.5	312.9	231.9	147.7	71.7	19.4	0.0
7.5°	407.3	315.6	234.2	149.3	72.4	19.5	0.0
5°	410.0	317.6	235.9	150.4	72.9	19.6	0.0
2.5°	411.7	318.8	236.9	151.1	73.2	19.7	0.0
0°	412.2	319.2	237.2	151.3	73.3	19.7	0.0
-2.5°	411.7	318.8	236.9	151.1	73.2	19.7	0.0
-5°	410.0	317.6	235.9	150.4	72.9	19.6	0.0
-7.5°	407.3	315.6	234.2	149.3	72.4	19.5	0.0
-10°	403.5	312.9	231.9	147.7	71.7	19.4	0.0
-12.5°	398.7	309.3	229.0	145.7	70.8	19.2	0.0
-15°	392.8	305.0	225.4	143.3	69.6	19.0	0.0
-17.5°	385.8	299.9	221.1	140.4	68.3	18.8	0.0
-20°	377.8	294.1	216.3	137.1	66.8	18.5	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	368.8	287.5	210.8	133.4	65.1	18.2	0.0
-25°	358.9	280.3	204.7	129.3	63.2	17.9	0.0
-27.5°	347.9	272.3	198.0	124.7	61.2	17.5	0.0
-30°	336.0	263.6	190.8	119.8	58.9	17.1	0.0
-32.5°	323.2	254.2	183.0	114.5	56.5	16.6	0.0
-35°	310.7	244.2	174.6	108.8	53.9	16.1	0.0
-37.5°	297.9	233.3	165.7	102.7	51.1	15.6	0.0
-40°	284.3	221.5	156.3	96.3	48.2	15.1	0.0
-42.5°	270.0	209.1	146.8	89.6	45.1	14.5	0.0
-45°	255.1	196.1	137.4	82.5	41.9	13.9	0.0
-47.5°	239.5	182.5	127.5	75.1	38.5	13.3	0.0
-50°	222.7	168.4	117.2	69.3	35.0	12.7	0.0
-52.5°	205.1	153.8	106.6	63.8	31.3	12.0	0.0
-55°	186.9	139.8	95.6	58.2	27.5	11.3	0.0
-57.5°	168.3	125.7	84.3	52.3	23.6	10.6	0.0
-60°	149.3	111.1	72.9	46.3	19.7	9.8	0.0
-62.5°	131.5	96.3	64.7	40.2	18.2	9.1	0.0
-65°	113.2	81.0	56.3	33.9	16.6	8.3	0.0
-67.5°	94.6	68.0	47.8	27.5	15.1	7.5	0.0
-70°	75.8	57.1	39.1	21.0	13.5	6.7	0.0
-72.5°	61.8	46.1	30.3	17.7	11.8	5.9	0.0
-75°	48.5	35.0	21.3	15.3	10.2	5.1	0.0
-77.5°	35.0	23.7	17.0	12.8	8.5	4.3	0.0
-80°	21.3	17.0	13.6	10.2	6.8	3.4	0.0
-82.5°	15.3	12.8	10.2	7.7	5.1	2.6	0.0
-85°	10.2	8.5	6.8	5.1	3.4	1.7	0.0
-87.5°	5.1	4.3	3.4	2.6	1.7	0.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)