

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: P627800 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-727-U-VWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627800 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-18)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6B-727-U-VWR-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR
Light Source: (96) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

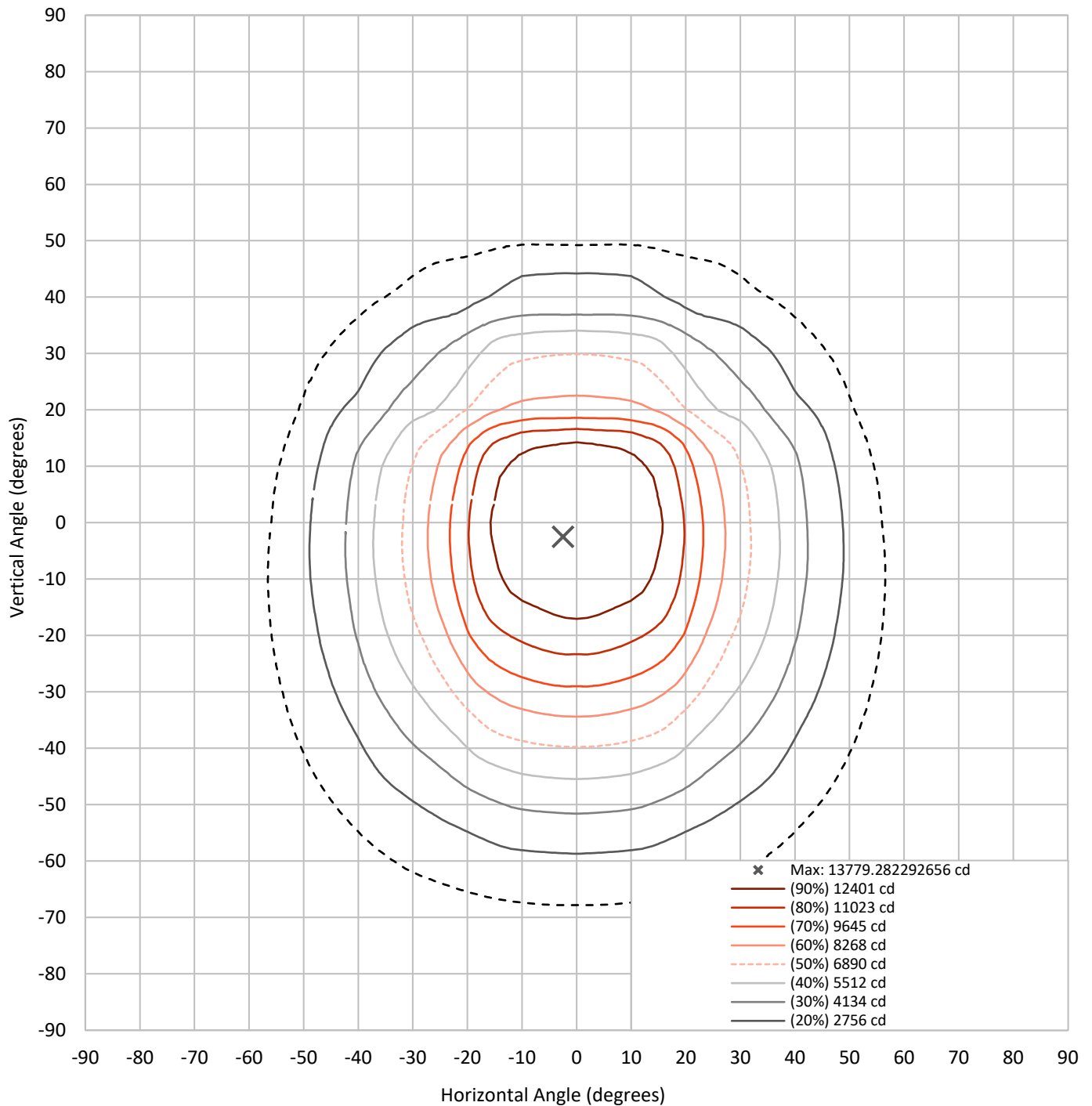
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	18388.9 lumens	Max Intensity:	13779.3 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	96.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	63.9°H x 69.6°V	Field Angle (10%):	112.5°H x 117.1°V
Beam Lumens:	10639.2 lumens	Field Lumens:	17449.9 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	190.6		
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		



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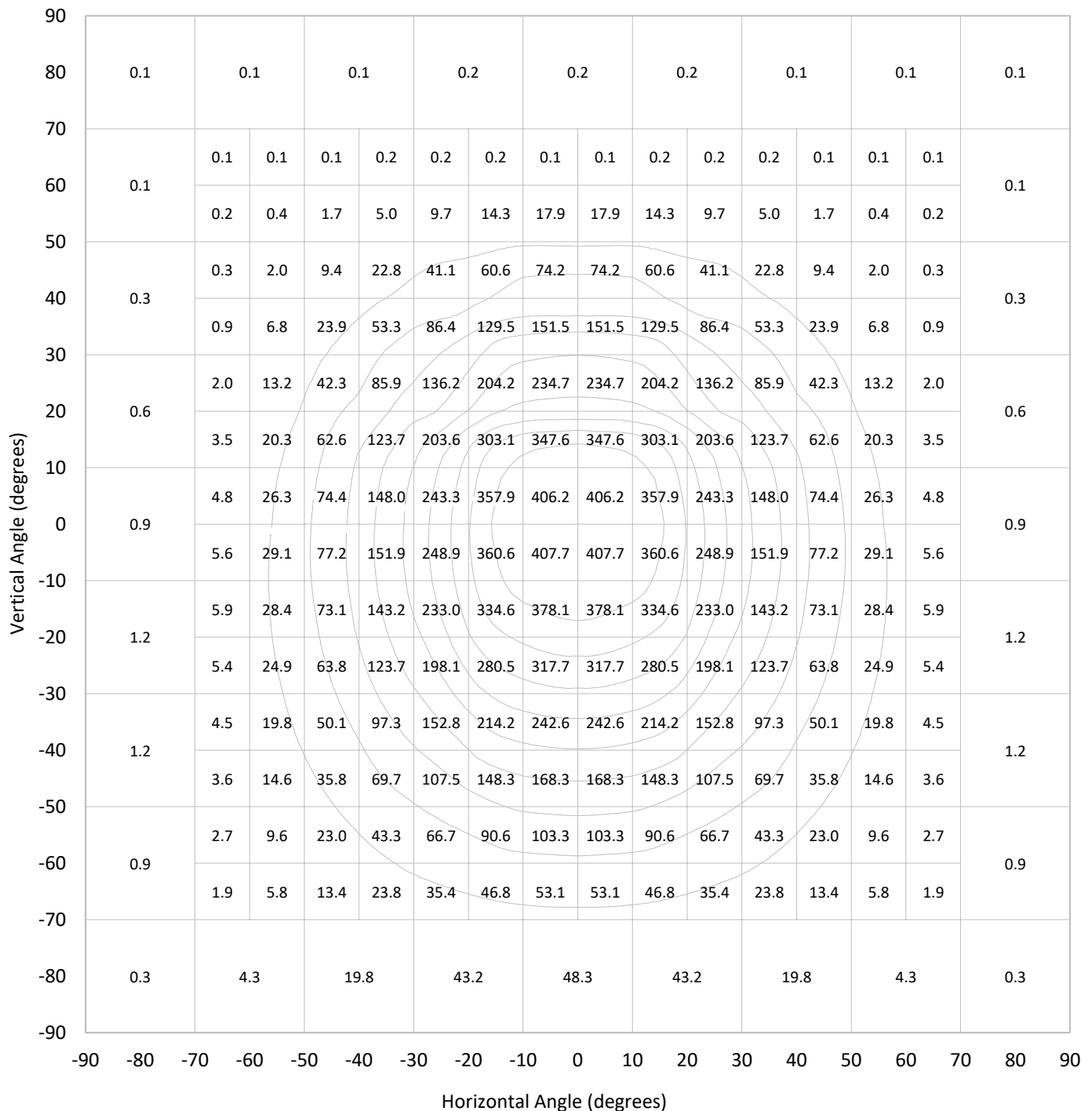
Iso-Candela Plot





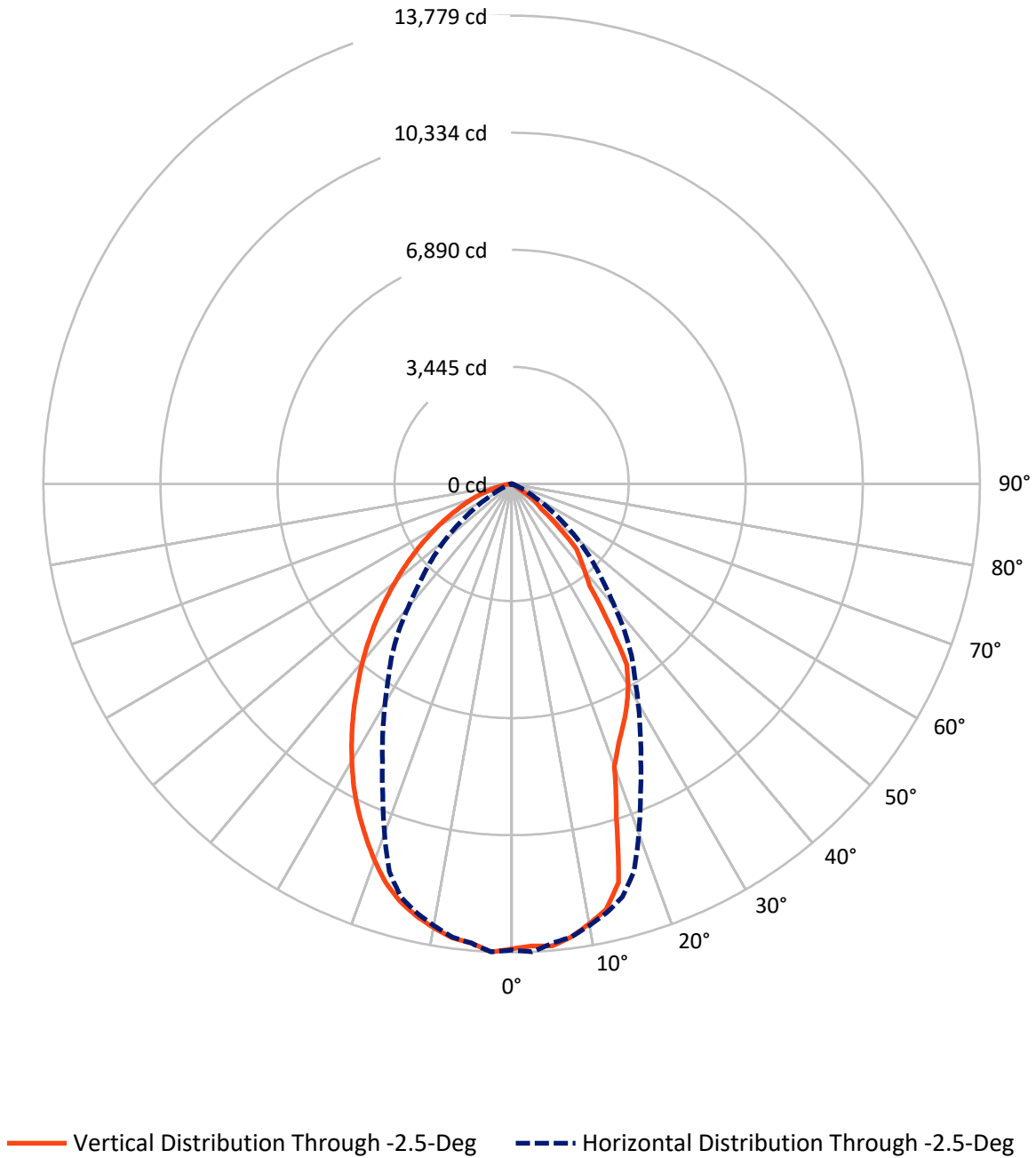
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Lumen Table



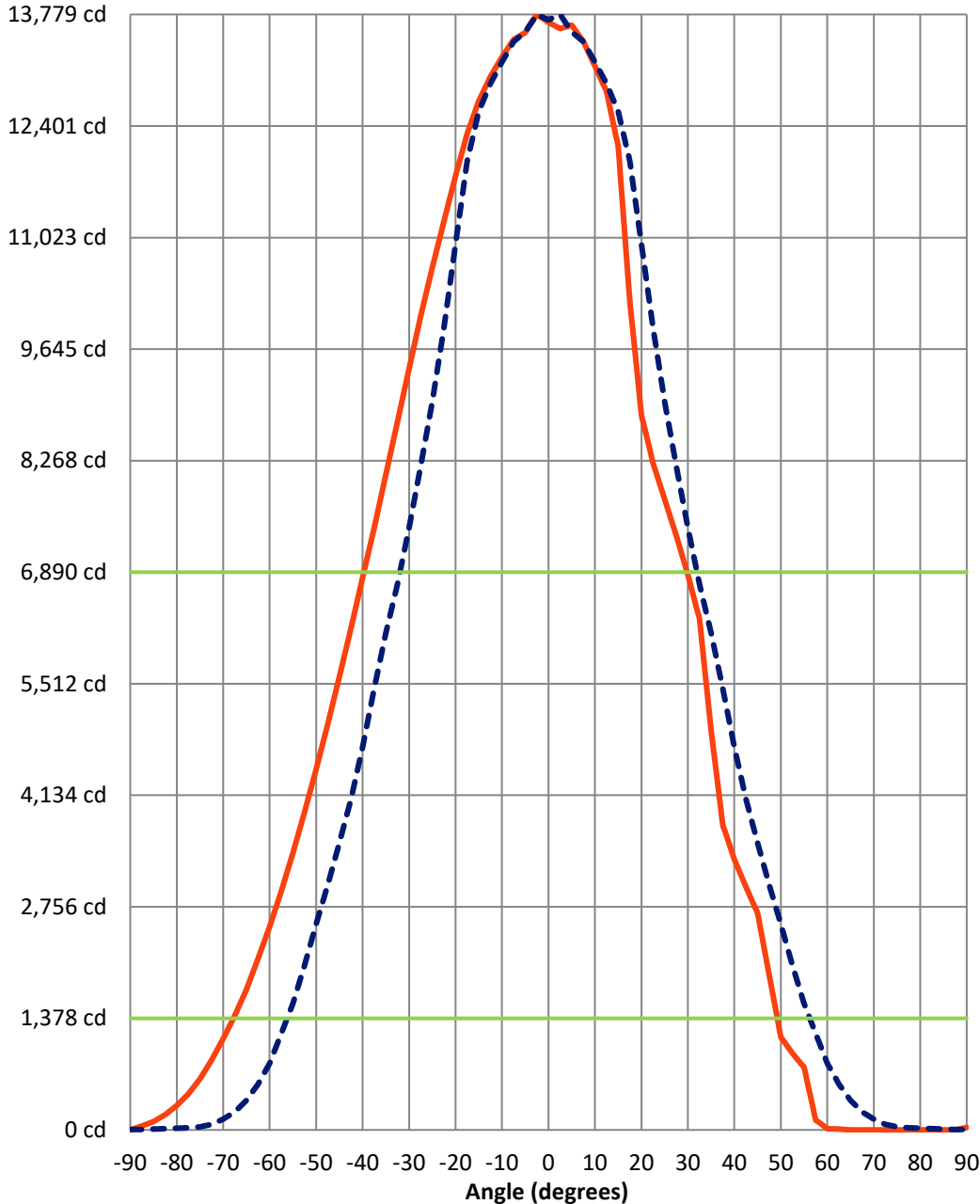
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 69.6°
 Lumens: 10639.2
 Efficiency: 57.9%

Field:
 H Angle: 112.5°
 V Angle: 117.1°
 Lumens: 17449.9
 Efficiency: 94.9%

Spill:
 Lumens: 939
 Efficiency: 5.1%

— Vertical Distribution through -2.5-Deg
 - - - Horizontal Distribution through -2.5-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°	5.1	5.1	5.1	6.4	7.7	9.0	10.3	11.6	12.9	14.1	15.4
87.5°	5.1	5.1	5.1	4.9	4.7	4.3	3.8	2.7	1.7	0.8	0.0
85°	5.1	5.1	5.1	4.8	4.2	3.5	2.5	1.5	0.8	0.3	0.0
82.5°	5.1	5.1	5.1	4.6	3.8	2.7	1.2	0.4	0.1	0.7	1.4
80°	5.1	5.1	5.1	4.5	3.4	1.9	0.3	1.0	1.8	2.7	3.5
77.5°	5.1	5.1	5.1	4.3	3.0	1.7	1.6	2.5	3.6	4.6	4.6
75°	5.1	5.1	5.1	4.2	2.8	2.5	2.9	4.0	5.0	4.1	2.7
72.5°	5.1	5.1	5.1	4.1	3.2	3.3	4.1	5.0	4.3	2.9	0.9
70°	5.1	5.1	5.1	4.1	3.7	4.1	5.1	4.8	3.7	1.9	2.3
67.5°	5.1	5.1	5.1	4.3	4.1	4.8	5.3	4.7	3.3	4.0	4.6
65°	5.1	5.1	5.1	4.4	4.4	5.3	5.5	4.7	5.1	6.0	6.3
62.5°	5.1	5.1	5.1	4.6	4.8	5.7	5.7	5.8	6.9	7.8	7.1
60°	5.1	5.1	5.1	4.7	5.1	6.1	6.1	7.3	8.7	8.9	8.0
57.5°	5.1	5.1	5.2	4.8	5.6	6.6	7.3	8.9	10.2	10.3	10.0
55°	5.1	5.1	5.2	4.9	6.1	7.2	8.6	10.4	11.7	11.9	12.5
52.5°	5.1	5.1	5.3	5.0	6.7	7.9	9.9	11.9	13.4	14.1	14.9
50°	5.1	5.1	5.4	5.1	7.2	8.9	11.2	13.4	15.2	16.3	17.4
47.5°	5.1	5.1	5.6	5.2	7.8	9.9	12.4	14.8	17.2	18.5	19.8
45°	5.1	5.1	5.7	5.7	8.5	10.9	13.6	16.2	19.0	20.7	22.1
42.5°	5.1	5.1	5.9	6.2	9.1	11.9	14.8	17.8	20.9	22.8	26.8
40°	5.1	5.1	6.1	6.8	9.8	12.9	15.9	19.5	22.9	24.9	32.0
37.5°	5.1	5.1	6.3	7.5	10.6	13.8	17.0	21.4	25.1	28.3	37.3
35°	5.1	5.1	6.5	8.2	11.3	14.7	18.1	23.2	27.3	34.8	47.5
32.5°	5.1	5.1	6.7	8.8	12.0	15.6	19.3	25.2	29.7	42.4	67.9
30°	5.1	5.1	7.0	9.5	12.6	16.4	20.9	27.1	32.1	51.0	87.6
27.5°	5.1	5.1	7.3	10.1	13.4	17.2	22.4	29.1	36.4	60.7	106.8
25°	5.1	5.1	7.5	10.7	14.2	17.9	23.9	31.1	43.8	74.8	125.5
22.5°	5.1	5.1	7.8	11.3	15.0	18.7	25.4	33.1	51.7	90.2	150.3
20°	5.1	5.1	8.1	11.8	15.8	19.7	26.9	35.1	59.8	104.9	174.9
17.5°	5.1	5.1	8.4	12.4	16.5	20.6	28.4	37.1	68.1	118.8	199.1
15°	5.1	5.1	8.7	12.9	17.2	21.5	29.8	39.7	76.4	131.8	222.5
12.5°	5.1	5.1	9.0	13.4	17.8	22.3	31.1	43.3	85.7	143.8	245.1
10°	5.1	5.1	9.3	13.8	18.5	23.1	32.3	47.0	95.5	157.8	267.6
7.5°	5.1	5.1	9.5	14.3	19.0	23.8	33.4	50.9	104.8	171.4	291.4
5°	5.1	5.1	9.8	14.7	19.6	24.5	34.4	54.6	113.6	184.0	313.2
2.5°	5.1	5.1	10.1	15.0	20.1	25.1	35.3	58.3	121.5	195.5	332.8
0°	5.1	5.1	10.3	15.4	20.6	25.7	36.0	61.7	128.6	205.7	349.8
-2.5°	5.1	5.1	10.3	15.4	20.6	25.7	36.0	61.7	128.6	205.7	349.8
-5°	5.1	5.1	10.3	15.3	21.4	26.8	39.8	73.7	137.8	236.2	377.7
-7.5°	5.1	5.1	10.2	15.3	21.7	27.2	41.4	78.8	141.0	247.8	387.4
-10°	5.1	5.1	10.1	15.2	22.0	27.6	42.7	82.9	143.4	256.2	394.7
-12.5°	5.1	5.1	10.1	15.0	22.1	27.9	43.7	86.0	145.1	260.6	400.3
-15°	5.1	5.1	9.9	14.9	22.2	28.2	44.4	87.9	148.1	260.2	402.3
-17.5°	5.1	5.1	9.8	14.7	22.1	28.5	44.6	89.8	152.5	257.6	399.8
-20°	5.1	5.1	9.7	14.5	22.0	28.6	45.8	91.6	155.4	252.8	392.5

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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°	5.1	5.1	9.5	14.2	21.7	28.7	48.7	92.4	156.6	246.1	380.0
-25°	5.1	5.1	9.3	14.0	21.3	30.6	51.1	92.1	156.2	237.3	362.2
-27.5°	5.1	5.1	9.1	13.7	20.8	33.0	53.0	90.8	154.0	229.9	349.2
-30°	5.1	5.1	8.9	13.3	20.3	35.1	54.3	88.2	151.1	226.5	334.6
-32.5°	5.1	5.1	8.7	13.0	21.1	36.8	55.0	88.4	147.4	220.9	318.1
-35°	5.1	5.1	8.4	12.6	21.6	38.1	56.5	88.9	142.3	212.9	299.7
-37.5°	5.1	5.1	8.1	12.2	22.0	38.9	58.0	88.5	135.7	202.6	291.5
-40°	5.1	5.1	7.9	11.8	22.1	39.3	58.9	87.4	127.7	192.7	282.4
-42.5°	5.1	5.1	7.6	11.6	22.3	39.3	59.2	85.4	123.1	184.7	268.4
-45°	5.1	5.1	7.2	11.6	22.4	39.0	58.9	83.5	119.8	174.9	250.8
-47.5°	5.1	5.1	6.9	11.6	22.2	38.4	58.0	82.3	115.5	163.1	236.9
-50°	5.1	5.1	6.6	11.4	21.8	37.5	56.8	80.3	112.1	158.9	220.4
-52.5°	5.1	5.1	6.2	11.2	21.2	36.3	55.2	77.5	109.2	153.3	202.7
-55°	5.1	5.1	5.9	10.9	20.3	34.8	53.2	74.0	105.7	146.3	194.3
-57.5°	5.1	5.1	5.5	10.5	19.2	33.0	50.9	70.9	100.7	139.0	184.2
-60°	5.1	5.1	5.1	10.0	17.8	30.7	48.1	67.4	94.4	130.3	172.7
-62.5°	5.1	5.1	5.1	9.5	16.8	28.1	44.2	62.8	86.5	120.1	159.3
-65°	5.1	5.1	5.1	8.8	15.7	25.2	39.8	56.9	77.1	106.5	144.0
-67.5°	5.1	5.1	5.1	8.1	14.5	22.7	35.1	49.9	66.1	90.7	123.7
-70°	5.1	5.1	5.1	7.4	13.2	20.6	29.9	42.6	56.7	73.1	100.0
-72.5°	5.1	5.1	5.1	7.2	11.7	18.3	26.4	34.8	46.7	60.7	76.5
-75°	5.1	5.1	5.1	7.2	10.2	16.0	22.9	29.3	36.4	47.8	60.8
-77.5°	5.1	5.1	5.1	7.1	9.7	13.5	19.4	24.7	30.2	36.2	44.6
-80°	5.1	5.1	5.1	7.0	9.3	12.1	15.6	19.8	24.3	29.1	34.3
-82.5°	5.1	5.1	5.1	6.9	9.0	11.4	14.1	16.1	18.3	22.0	25.9
-85°	5.1	5.1	5.1	6.7	8.6	10.6	12.9	14.6	16.3	18.0	19.7
-87.5°	5.1	5.1	5.1	6.6	8.1	9.8	11.6	13.1	14.6	16.1	17.6
-90°	5.1	5.1	5.1	5.1	5.1	5.1	5.1	3.8	2.5	1.3	0.0



REPORT NUMBER: P627800 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	16.7	18.0	19.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.5	1.3	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	3.4	2.7	1.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	2.9	1.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1.1	0.1	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.8	1.4	1.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2.9	3.1	2.1	0.8	0.0	0.3	0.7	0.5	0.0	0.3	0.6
67.5°	4.8	3.5	2.3	1.4	1.9	2.6	2.4	2.6	2.8	3.0	2.6
65°	5.0	3.8	3.8	4.5	5.0	5.5	6.0	6.3	5.3	4.6	4.7
62.5°	5.3	5.8	6.7	7.5	8.2	9.0	9.0	8.0	6.0	7.6	8.7
60°	7.6	8.4	9.5	10.5	11.5	12.1	11.5	11.6	12.9	15.0	28.9
57.5°	10.3	11.0	12.3	13.9	15.3	15.5	16.0	17.4	40.7	66.5	73.5
55°	13.0	13.5	15.7	18.2	19.7	19.6	28.2	59.5	89.7	124.3	137.1
52.5°	15.6	16.7	20.4	23.5	25.4	39.7	71.5	113.9	158.6	198.3	249.7
50°	18.3	22.0	25.8	30.3	48.4	85.4	131.9	189.8	257.2	320.7	385.8
47.5°	22.9	27.5	33.4	47.8	95.4	146.9	211.2	304.4	387.5	464.3	553.4
45°	28.3	38.0	44.4	94.7	150.0	216.4	325.3	439.3	514.7	617.4	775.1
42.5°	33.9	52.6	85.0	143.1	210.5	317.5	452.6	549.7	650.0	816.6	982.4
40°	48.7	70.6	128.2	197.4	282.7	438.8	577.4	687.3	824.3	1009.1	1182.2
37.5°	66.8	107.7	172.3	255.3	396.0	567.1	715.6	872.6	1030.1	1204.3	1525.4
35°	86.9	142.2	228.2	340.1	509.4	709.4	886.4	1061.8	1243.4	1586.3	1904.9
32.5°	113.1	174.0	286.6	438.7	632.0	851.5	1057.0	1259.8	1550.9	1939.0	2258.7
30°	141.2	225.0	353.8	530.0	747.4	981.6	1228.7	1474.2	1859.6	2180.7	2527.8
27.5°	170.6	278.8	432.6	625.4	855.5	1104.4	1383.3	1733.6	2077.3	2394.5	2776.0
25°	200.8	335.0	504.7	716.7	961.8	1237.2	1557.9	1984.5	2253.4	2604.0	3002.0
22.5°	239.7	388.7	576.0	799.3	1060.3	1373.6	1782.5	2211.0	2527.4	2822.3	3211.1
20°	284.6	449.1	653.6	902.9	1156.9	1506.8	2005.9	2456.6	2828.8	3166.5	3523.5
17.5°	326.6	505.6	736.7	1008.7	1297.3	1677.5	2225.1	2723.9	3133.4	3509.8	3955.6
15°	365.4	557.8	818.1	1108.8	1435.4	1873.1	2421.7	2969.5	3437.1	3860.6	4367.1
12.5°	400.9	605.6	896.4	1202.5	1565.3	2041.7	2586.8	3121.4	3635.4	4187.2	4762.1
10°	432.8	648.5	970.4	1289.0	1685.9	2184.3	2723.2	3248.1	3766.7	4350.7	4989.4
7.5°	467.2	688.7	1037.6	1367.6	1795.5	2302.1	2832.2	3349.8	3872.8	4481.4	5137.1
5°	498.9	725.6	1091.0	1423.9	1880.3	2394.0	2914.2	3427.0	3953.4	4578.8	5249.0
2.5°	526.8	756.6	1134.5	1468.1	1943.1	2461.7	2967.4	3491.4	4013.1	4658.0	5334.4
0°	550.4	781.8	1167.6	1502.0	1990.6	2510.1	2998.8	3533.7	4048.1	4711.6	5390.6
-2.5°	565.5	823.1	1190.4	1561.1	2032.1	2541.8	3026.9	3545.6	4085.7	4728.6	5453.7
-5°	576.1	856.6	1204.2	1606.7	2059.2	2555.8	3036.1	3536.4	4095.8	4724.3	5463.0
-7.5°	582.3	880.2	1210.6	1632.6	2068.8	2547.4	3020.5	3519.0	4079.3	4708.2	5422.1
-10°	585.9	887.6	1219.3	1624.8	2056.2	2519.9	2985.7	3478.1	4032.6	4655.6	5344.5
-12.5°	595.5	882.9	1217.8	1607.5	2029.2	2478.2	2934.1	3413.4	3954.9	4565.8	5237.2
-15°	598.0	872.2	1203.2	1582.1	1987.8	2423.7	2866.5	3324.7	3859.0	4478.4	5118.6
-17.5°	592.6	856.3	1174.7	1549.6	1932.4	2357.6	2786.9	3244.8	3769.1	4377.6	4994.0
-20°	578.8	835.5	1131.7	1511.3	1866.7	2284.2	2707.3	3161.0	3665.7	4237.7	4854.6



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	556.3	810.4	1085.1	1457.7	1810.0	2200.0	2613.9	3046.8	3536.1	4056.2	4667.1
-25°	533.0	782.1	1048.4	1384.2	1741.7	2101.5	2506.6	2907.2	3383.9	3894.7	4436.8
-27.5°	510.9	742.6	1010.2	1303.5	1661.4	1996.4	2385.4	2776.1	3212.8	3713.3	4212.5
-30°	482.1	699.9	963.6	1226.0	1565.3	1897.5	2250.0	2634.6	3027.3	3502.4	3993.4
-32.5°	456.6	655.5	910.6	1167.0	1462.0	1786.0	2104.2	2470.7	2854.0	3259.0	3744.2
-35°	439.5	629.3	854.5	1098.8	1356.6	1664.7	1967.4	2285.8	2657.0	3037.1	3463.2
-37.5°	425.7	599.1	795.3	1027.7	1273.1	1537.6	1820.9	2113.9	2437.8	2820.9	3221.6
-40°	403.9	565.1	751.5	960.0	1176.5	1416.9	1679.9	1945.1	2226.0	2600.3	2995.5
-42.5°	376.1	532.2	710.2	886.3	1084.0	1303.6	1537.3	1787.1	2056.9	2382.1	2745.4
-45°	354.7	490.1	664.2	821.9	985.7	1186.5	1406.0	1632.2	1886.7	2165.9	2492.3
-47.5°	327.5	444.3	604.2	751.5	895.8	1067.2	1268.0	1482.1	1707.6	1959.1	2226.6
-50°	298.4	406.2	530.7	674.2	811.7	954.3	1125.5	1323.6	1528.1	1747.4	1986.0
-52.5°	276.3	361.6	475.3	594.6	725.8	855.1	1000.8	1170.6	1353.4	1536.6	1746.5
-55°	251.3	328.7	422.4	529.5	641.1	760.7	893.5	1042.2	1191.2	1359.5	1527.0
-57.5°	233.8	297.1	378.3	471.4	571.6	673.3	798.6	924.3	1062.2	1201.5	1340.4
-60°	220.0	269.8	337.2	419.1	508.5	603.5	706.4	822.5	941.2	1054.9	1175.0
-62.5°	204.3	247.7	300.3	367.1	447.9	530.6	621.1	720.6	828.1	923.8	1016.8
-65°	184.0	221.7	266.8	321.2	384.6	454.5	531.7	615.5	708.4	786.1	862.2
-67.5°	160.6	192.4	230.3	274.7	327.5	382.1	438.7	509.6	585.0	648.4	710.4
-70°	131.3	160.6	191.6	227.8	269.3	315.5	365.4	416.8	468.4	520.2	576.8
-72.5°	100.5	127.2	153.5	179.3	212.3	250.2	290.8	334.0	379.0	423.3	466.4
-75°	76.6	93.9	116.9	140.2	163.1	187.8	215.3	249.6	291.4	334.4	373.7
-77.5°	57.8	72.4	87.7	103.7	118.2	136.4	156.2	177.6	212.1	251.7	291.7
-80°	41.7	50.4	62.6	75.5	85.7	95.7	106.2	117.0	142.6	174.6	208.6
-82.5°	31.0	36.9	43.7	51.2	56.3	61.3	66.9	74.0	93.1	114.6	137.4
-85°	21.3	23.1	26.7	30.9	33.8	36.7	39.7	42.7	53.0	64.5	76.8
-87.5°	18.4	19.3	20.2	21.3	21.7	22.0	22.4	22.7	26.1	29.8	33.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627800 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	20.6	21.9	23.2	24.4	25.7	27.0	28.3	29.6	30.9	30.9	30.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.4	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2.3	2.6	2.6	2.1	0.9	0.0	0.0	0.0	0.0	0.0	0.0
65°	5.4	5.1	3.8	2.5	1.2	1.9	3.1	3.7	3.7	3.3	2.6
62.5°	8.1	7.4	6.8	7.8	9.4	10.8	10.4	9.8	9.1	8.7	9.0
60°	30.4	20.3	23.4	29.4	27.5	18.8	31.0	35.1	29.9	20.4	19.7
57.5°	77.1	74.4	85.3	124.5	137.1	124.9	149.2	181.2	180.2	155.2	154.4
55°	164.3	220.4	288.1	299.1	346.3	440.8	514.4	482.1	481.9	506.1	584.3
52.5°	312.0	365.0	384.7	437.4	535.9	607.4	653.4	700.9	753.1	806.3	860.2
50°	457.9	509.3	567.7	621.7	758.0	831.4	819.2	917.7	1043.9	1122.6	1163.1
47.5°	671.6	752.7	876.1	1069.4	1171.2	1244.9	1336.4	1448.0	1592.5	1788.5	1939.5
45°	923.3	1050.8	1241.7	1447.1	1605.1	1677.1	1781.9	1954.7	2185.1	2409.4	2573.2
42.5°	1129.1	1303.9	1519.3	1715.5	1844.4	1962.6	2098.3	2244.0	2507.9	2747.5	2936.9
40°	1397.5	1533.7	1775.3	1960.3	2075.7	2192.9	2407.8	2626.0	2874.2	3097.4	3252.5
37.5°	1737.7	1891.0	2142.3	2351.6	2462.7	2504.1	2869.6	3173.3	3375.0	3660.0	3753.2
35°	2103.2	2355.6	2675.9	2947.1	3056.0	3273.4	3649.9	4073.7	4532.9	4701.8	4845.8
32.5°	2511.0	2822.3	3256.9	3548.0	3703.5	4033.4	4509.9	4962.2	5562.6	5888.5	5985.9
30°	2884.1	3241.3	3614.8	3897.8	4163.5	4560.9	4995.4	5553.1	6108.3	6525.0	6654.4
27.5°	3157.9	3553.1	3912.2	4177.3	4477.1	4905.4	5447.2	6012.0	6557.0	6982.1	7133.1
25°	3419.2	3866.0	4150.3	4458.4	4810.5	5277.3	5877.8	6505.3	7042.1	7401.4	7586.6
22.5°	3716.5	4157.0	4462.2	4723.2	5183.5	5721.5	6278.8	6987.9	7556.6	7843.4	8044.2
20°	4023.3	4521.7	4993.2	5235.9	5634.2	6315.3	6939.3	7608.8	8157.9	8456.7	8668.2
17.5°	4451.4	5086.5	5664.8	6008.5	6435.0	7249.4	8028.0	8705.3	9469.2	9739.0	9997.6
15°	4902.8	5637.9	6315.3	6859.9	7410.8	8217.7	9220.0	10037.2	10908.9	11298.2	11738.3
12.5°	5352.7	6048.3	6662.0	7364.6	8141.2	8854.9	9809.0	10826.7	11617.7	12114.2	12410.5
10°	5689.1	6335.1	6925.6	7629.9	8405.0	9212.4	10160.5	11203.8	12031.8	12455.4	12697.2
7.5°	5870.6	6488.9	7111.8	7825.5	8597.1	9457.1	10434.0	11468.9	12315.6	12726.1	12964.9
5°	6005.5	6599.3	7244.3	7995.6	8775.7	9647.7	10623.2	11645.9	12417.9	12854.1	13156.1
2.5°	6087.0	6669.3	7328.7	8105.5	8887.5	9795.7	10818.4	11878.4	12553.9	12904.8	13182.6
0°	6110.7	6697.1	7376.1	8163.1	8965.5	9881.0	10894.4	11943.7	12627.8	12967.3	13250.2
-2.5°	6137.4	6741.1	7438.6	8200.4	8996.0	9908.9	10943.3	11965.8	12581.1	12923.7	13192.9
-5°	6118.8	6744.5	7439.9	8169.5	8970.3	9876.0	10869.0	11825.1	12468.8	12839.1	13106.8
-7.5°	6063.4	6698.0	7386.3	8087.4	8873.0	9789.0	10777.8	11698.4	12350.6	12741.1	13033.9
-10°	5982.8	6598.9	7292.0	8002.1	8778.2	9650.2	10623.7	11538.8	12162.9	12577.6	12918.9
-12.5°	5893.5	6496.9	7164.9	7846.0	8613.6	9474.8	10418.1	11284.3	11904.8	12357.1	12601.0
-15°	5761.2	6364.2	7002.8	7661.7	8409.9	9245.3	10146.4	10977.5	11586.7	11954.8	12224.3
-17.5°	5592.9	6184.6	6790.0	7414.9	8119.8	8942.6	9849.1	10668.7	11165.4	11494.1	11759.0
-20°	5412.7	5959.8	6533.4	7123.0	7806.3	8621.3	9511.6	10226.5	10694.7	11010.5	11260.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627800 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	5206.8	5733.6	6258.7	6822.4	7492.3	8239.5	9025.9	9716.8	10220.1	10507.8	10738.9
-25°	4971.7	5484.2	5982.8	6527.3	7143.0	7814.6	8545.8	9224.8	9675.5	9981.1	10210.3
-27.5°	4718.6	5200.1	5687.1	6176.0	6729.6	7398.8	8076.0	8706.7	9091.5	9399.5	9630.1
-30°	4465.9	4899.0	5349.6	5812.5	6332.0	6935.4	7568.8	8099.2	8505.0	8804.2	9018.3
-32.5°	4192.1	4603.1	5002.3	5434.9	5924.1	6455.8	7011.7	7516.2	7949.9	8223.9	8404.3
-35°	3911.7	4309.5	4674.9	5067.5	5499.0	5957.9	6471.1	6968.6	7396.8	7613.7	7789.5
-37.5°	3619.5	4016.3	4362.7	4690.7	5062.4	5487.4	5987.2	6461.9	6831.8	7018.3	7176.7
-40°	3365.5	3714.8	4026.6	4340.5	4642.7	5020.1	5486.5	5946.2	6243.0	6424.6	6571.8
-42.5°	3118.9	3413.6	3668.9	3950.3	4252.8	4624.8	5001.1	5386.5	5625.1	5826.7	5981.8
-45°	2831.8	3095.1	3334.6	3568.6	3844.4	4184.1	4525.9	4834.6	5058.1	5253.0	5404.0
-47.5°	2514.2	2768.4	3000.9	3210.2	3466.5	3749.8	4037.6	4294.5	4515.2	4707.8	4842.5
-50°	2218.2	2445.3	2672.3	2884.1	3106.2	3335.4	3568.9	3794.4	4003.8	4191.0	4305.6
-52.5°	1953.0	2162.6	2361.0	2546.1	2740.5	2934.1	3127.5	3334.0	3526.7	3703.8	3795.4
-55°	1713.0	1902.0	2081.1	2237.0	2393.0	2546.6	2712.3	2902.9	3080.4	3244.5	3310.2
-57.5°	1497.6	1659.3	1817.8	1949.7	2077.0	2199.2	2344.7	2505.7	2661.0	2801.6	2855.3
-60°	1299.5	1427.8	1560.3	1677.4	1788.3	1893.1	2020.0	2149.6	2275.6	2381.6	2427.4
-62.5°	1117.3	1227.0	1327.4	1422.5	1516.5	1610.9	1713.3	1816.1	1917.8	1999.5	2040.8
-65°	941.6	1029.0	1109.7	1187.9	1263.8	1343.0	1423.2	1501.3	1576.6	1635.0	1670.8
-67.5°	776.7	843.1	907.1	968.1	1031.6	1095.8	1158.5	1218.3	1274.9	1320.0	1354.3
-70°	630.5	681.9	732.0	782.5	835.5	885.4	932.6	977.4	1019.5	1052.0	1078.4
-72.5°	508.2	549.9	593.2	638.6	681.5	718.8	752.7	785.4	816.8	835.1	848.9
-75°	409.7	444.8	482.5	519.2	555.0	583.4	608.3	632.5	655.7	656.9	652.3
-77.5°	331.0	362.4	391.5	420.4	449.0	466.4	481.7	497.4	513.3	504.1	489.6
-80°	242.9	269.0	293.8	318.7	343.5	353.9	361.1	367.3	372.6	360.6	345.8
-82.5°	161.2	177.7	193.7	210.1	226.7	233.3	238.3	242.4	245.6	234.8	222.3
-85°	89.9	97.9	105.6	113.5	121.4	126.0	130.2	134.1	137.6	131.2	123.9
-87.5°	37.4	39.2	40.9	42.7	44.4	46.0	47.6	49.2	50.7	50.9	51.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627800 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	29.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.5	0.3	0.0	0.0	0.0	0.3	1.5	2.6	3.3	3.7	3.7
62.5°	9.4	9.8	10.2	10.3	10.2	9.8	9.4	9.0	8.7	9.1	9.8
60°	18.2	15.9	15.3	15.4	15.3	15.9	18.2	19.7	20.4	29.9	35.1
57.5°	142.6	122.0	125.1	138.9	125.1	122.0	142.6	154.4	155.2	180.2	181.2
55°	666.4	743.9	771.2	756.1	771.2	743.9	666.4	584.3	506.1	481.9	482.1
52.5°	902.8	934.6	946.9	946.4	946.9	934.6	902.8	860.2	806.3	753.1	700.9
50°	1175.4	1164.6	1148.1	1131.6	1148.1	1164.6	1175.4	1163.1	1122.6	1043.9	917.7
47.5°	1961.5	1927.5	1913.2	1939.2	1913.2	1927.5	1961.5	1939.5	1788.5	1592.5	1448.0
45°	2606.6	2646.4	2676.2	2674.7	2676.2	2646.4	2606.6	2573.2	2409.4	2185.1	1954.7
42.5°	2974.0	2995.2	3001.3	2993.6	3001.3	2995.2	2974.0	2936.9	2747.5	2507.9	2244.0
40°	3301.3	3326.6	3340.8	3353.7	3340.8	3326.6	3301.3	3252.5	3097.4	2874.2	2626.0
37.5°	3783.9	3793.2	3773.0	3760.0	3773.0	3793.2	3783.9	3753.2	3660.0	3375.0	3173.3
35°	4967.2	4991.4	4935.2	4994.5	4935.2	4991.4	4967.2	4845.8	4701.8	4532.9	4073.7
32.5°	6101.9	6215.5	6307.3	6383.3	6307.3	6215.5	6101.9	5985.9	5888.5	5562.6	4962.2
30°	6744.7	6817.9	6857.3	6866.8	6857.3	6817.9	6744.7	6654.4	6525.0	6108.3	5553.1
27.5°	7216.6	7293.4	7341.2	7376.1	7341.2	7293.4	7216.6	7133.1	6982.1	6557.0	6012.0
25°	7671.5	7741.8	7789.5	7808.1	7789.5	7741.8	7671.5	7586.6	7401.4	7042.1	6505.3
22.5°	8143.5	8192.3	8238.2	8260.8	8238.2	8192.3	8143.5	8044.2	7843.4	7556.6	6987.9
20°	8820.1	8793.6	8835.5	8821.4	8835.5	8793.6	8820.1	8668.2	8456.7	8157.9	7608.8
17.5°	10199.1	10213.4	10241.4	10287.4	10241.4	10213.4	10199.1	9997.6	9739.0	9469.2	8705.3
15°	11933.2	11968.2	12145.5	12303.7	12145.5	11968.2	11933.2	11738.3	11298.2	10908.9	10037.2
12.5°	12685.5	12806.2	12825.0	12869.5	12825.0	12806.2	12685.5	12410.5	12114.2	11617.7	10826.7
10°	12936.5	13145.6	13141.2	13193.6	13141.2	13145.6	12936.5	12697.2	12455.4	12031.8	11203.8
7.5°	13126.9	13351.5	13446.4	13486.8	13446.4	13351.5	13126.9	12964.9	12726.1	12315.6	11468.9
5°	13359.5	13483.0	13646.8	13599.9	13646.8	13483.0	13359.5	13156.1	12854.1	12417.9	11645.9
2.5°	13457.0	13650.4	13605.7	13651.4	13605.7	13650.4	13457.0	13182.6	12904.8	12553.9	11878.4
0°	13522.8	13661.7	13682.2	13728.5	13682.2	13661.7	13522.8	13250.2	12967.3	12627.8	11943.7
-2.5°	13443.0	13565.3	13779.3	13713.1	13779.3	13565.3	13443.0	13192.9	12923.7	12581.1	11965.8
-5°	13373.1	13673.9	13557.1	13702.8	13557.1	13673.9	13373.1	13106.8	12839.1	12468.8	11825.1
-7.5°	13337.0	13390.8	13468.3	13579.4	13468.3	13390.8	13337.0	13033.9	12741.1	12350.6	11698.4
-10°	13057.8	13112.8	13255.3	13332.5	13255.3	13112.8	13057.8	12918.9	12577.6	12162.9	11538.8
-12.5°	12755.0	12861.6	13011.2	13059.9	13011.2	12861.6	12755.0	12601.0	12357.1	11904.8	11284.3
-15°	12406.2	12564.5	12710.3	12740.9	12710.3	12564.5	12406.2	12224.3	11954.8	11586.7	10977.5
-17.5°	11962.7	12152.4	12305.7	12339.7	12305.7	12152.4	11962.7	11759.0	11494.1	11165.4	10668.7
-20°	11474.0	11655.7	11786.1	11825.4	11786.1	11655.7	11474.0	11260.6	11010.5	10694.7	10226.5



REPORT NUMBER: P627800 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	10950.8	11114.4	11224.6	11208.1	11224.6	11114.4	10950.8	10738.9	10507.8	10220.1	9716.8
-25°	10395.3	10547.2	10652.2	10637.2	10652.2	10547.2	10395.3	10210.3	9981.1	9675.5	9224.8
-27.5°	9808.0	9951.9	10052.8	10055.9	10052.8	9951.9	9808.0	9630.1	9399.5	9091.5	8706.7
-30°	9190.9	9321.5	9403.5	9371.8	9403.5	9321.5	9190.9	9018.3	8804.2	8505.0	8099.2
-32.5°	8554.3	8672.5	8747.6	8770.0	8747.6	8672.5	8554.3	8404.3	8223.9	7949.9	7516.2
-35°	7926.6	8030.8	8095.6	8111.6	8095.6	8030.8	7926.6	7789.5	7613.7	7396.8	6968.6
-37.5°	7302.8	7392.4	7437.7	7417.2	7437.7	7392.4	7302.8	7176.7	7018.3	6831.8	6461.9
-40°	6686.4	6771.7	6823.6	6836.0	6823.6	6771.7	6686.4	6571.8	6424.6	6243.0	5946.2
-42.5°	6080.3	6151.3	6196.8	6218.7	6196.8	6151.3	6080.3	5981.8	5826.7	5625.1	5386.5
-45°	5492.1	5555.6	5598.3	5622.1	5598.3	5555.6	5492.1	5404.0	5253.0	5058.1	4834.6
-47.5°	4919.9	4975.6	5012.4	5030.5	5012.4	4975.6	4919.9	4842.5	4707.8	4515.2	4294.5
-50°	4372.7	4420.9	4455.2	4475.0	4455.2	4420.9	4372.7	4305.6	4191.0	4003.8	3794.4
-52.5°	3853.7	3895.8	3925.1	3940.1	3925.1	3895.8	3853.7	3795.4	3703.8	3526.7	3334.0
-55°	3358.2	3392.3	3419.4	3436.0	3419.4	3392.3	3358.2	3310.2	3244.5	3080.4	2902.9
-57.5°	2896.0	2923.9	2949.6	2967.9	2949.6	2923.9	2896.0	2855.3	2801.6	2661.0	2505.7
-60°	2463.5	2489.8	2511.7	2525.6	2511.7	2489.8	2463.5	2427.4	2381.6	2275.6	2149.6
-62.5°	2073.1	2096.5	2116.5	2129.5	2116.5	2096.5	2073.1	2040.8	1999.5	1917.8	1816.1
-65°	1698.9	1719.8	1734.7	1743.7	1734.7	1719.8	1698.9	1670.8	1635.0	1576.6	1501.3
-67.5°	1383.5	1407.6	1412.4	1409.4	1412.4	1407.6	1383.5	1354.3	1320.0	1274.9	1218.3
-70°	1101.9	1122.3	1127.1	1126.5	1127.1	1122.3	1101.9	1078.4	1052.0	1019.5	977.4
-72.5°	861.6	872.8	863.3	848.7	863.3	872.8	861.6	848.9	835.1	816.8	785.4
-75°	646.6	639.5	629.5	617.2	629.5	639.5	646.6	652.3	656.9	655.7	632.5
-77.5°	473.5	456.0	444.6	432.1	444.6	456.0	473.5	489.6	504.1	513.3	497.4
-80°	329.7	312.6	300.7	288.0	300.7	312.6	329.7	345.8	360.6	372.6	367.3
-82.5°	208.9	194.8	187.6	180.0	187.6	194.8	208.9	222.3	234.8	245.6	242.4
-85°	116.0	107.6	102.8	97.7	102.8	107.6	116.0	123.9	131.2	137.6	134.1
-87.5°	51.2	51.3	48.8	46.3	48.8	51.3	51.2	51.1	50.9	50.7	49.2
-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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CATALOG NUMBER: GFLD-SA6B-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	28.3	27.0	25.7	24.4	23.2	21.9	20.6	19.3	18.0	16.7	15.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.2	0.1	0.0	0.0	0.4	0.6	0.3	0.0	0.5
67.5°	0.0	0.0	0.9	2.1	2.6	2.6	2.3	2.6	3.0	2.8	2.6
65°	3.1	1.9	1.2	2.5	3.8	5.1	5.4	4.7	4.6	5.3	6.3
62.5°	10.4	10.8	9.4	7.8	6.8	7.4	8.1	8.7	7.6	6.0	8.0
60°	31.0	18.8	27.5	29.4	23.4	20.3	30.4	28.9	15.0	12.9	11.6
57.5°	149.2	124.9	137.1	124.5	85.3	74.4	77.1	73.5	66.5	40.7	17.4
55°	514.4	440.8	346.3	299.1	288.1	220.4	164.3	137.1	124.3	89.7	59.5
52.5°	653.4	607.4	535.9	437.4	384.7	365.0	312.0	249.7	198.3	158.6	113.9
50°	819.2	831.4	758.0	621.7	567.7	509.3	457.9	385.8	320.7	257.2	189.8
47.5°	1336.4	1244.9	1171.2	1069.4	876.1	752.7	671.6	553.4	464.3	387.5	304.4
45°	1781.9	1677.1	1605.1	1447.1	1241.7	1050.8	923.3	775.1	617.4	514.7	439.3
42.5°	2098.3	1962.6	1844.4	1715.5	1519.3	1303.9	1129.1	982.4	816.6	650.0	549.7
40°	2407.8	2192.9	2075.7	1960.3	1775.3	1533.7	1397.5	1182.2	1009.1	824.3	687.3
37.5°	2869.6	2504.1	2462.7	2351.6	2142.3	1891.0	1737.7	1525.4	1204.3	1030.1	872.6
35°	3649.9	3273.4	3056.0	2947.1	2675.9	2355.6	2103.2	1904.9	1586.3	1243.4	1061.8
32.5°	4509.9	4033.4	3703.5	3548.0	3256.9	2822.3	2511.0	2258.7	1939.0	1550.9	1259.8
30°	4995.4	4560.9	4163.5	3897.8	3614.8	3241.3	2884.1	2527.8	2180.7	1859.6	1474.2
27.5°	5447.2	4905.4	4477.1	4177.3	3912.2	3553.1	3157.9	2776.0	2394.5	2077.3	1733.6
25°	5877.8	5277.3	4810.5	4458.4	4150.3	3866.0	3419.2	3002.0	2604.0	2253.4	1984.5
22.5°	6278.8	5721.5	5183.5	4723.2	4462.2	4157.0	3716.5	3211.1	2822.3	2527.4	2211.0
20°	6939.3	6315.3	5634.2	5235.9	4993.2	4521.7	4023.3	3523.5	3166.5	2828.8	2456.6
17.5°	8028.0	7249.4	6435.0	6008.5	5664.8	5086.5	4451.4	3955.6	3509.8	3133.4	2723.9
15°	9220.0	8217.7	7410.8	6859.9	6315.3	5637.9	4902.8	4367.1	3860.6	3437.1	2969.5
12.5°	9809.0	8854.9	8141.2	7364.6	6662.0	6048.3	5352.7	4762.1	4187.2	3635.4	3121.4
10°	10160.5	9212.4	8405.0	7629.9	6925.6	6335.1	5689.1	4989.4	4350.7	3766.7	3248.1
7.5°	10434.0	9457.1	8597.1	7825.5	7111.8	6488.9	5870.6	5137.1	4481.4	3872.8	3349.8
5°	10623.2	9647.7	8775.7	7995.6	7244.3	6599.3	6005.5	5249.0	4578.8	3953.4	3427.0
2.5°	10818.4	9795.7	8887.5	8105.5	7328.7	6669.3	6087.0	5334.4	4658.0	4013.1	3491.4
0°	10894.4	9881.0	8965.5	8163.1	7376.1	6697.1	6110.7	5390.6	4711.6	4048.1	3533.7
-2.5°	10943.3	9908.9	8996.0	8200.4	7438.6	6741.1	6137.4	5453.7	4728.6	4085.7	3545.6
-5°	10869.0	9876.0	8970.3	8169.5	7439.9	6744.5	6118.8	5463.0	4724.3	4095.8	3536.4
-7.5°	10777.8	9789.0	8873.0	8087.4	7386.3	6698.0	6063.4	5422.1	4708.2	4079.3	3519.0
-10°	10623.7	9650.2	8778.2	8002.1	7292.0	6598.9	5982.8	5344.5	4655.6	4032.6	3478.1
-12.5°	10418.1	9474.8	8613.6	7846.0	7164.9	6496.9	5893.5	5237.2	4565.8	3954.9	3413.4
-15°	10146.4	9245.3	8409.9	7661.7	7002.8	6364.2	5761.2	5118.6	4478.4	3859.0	3324.7
-17.5°	9849.1	8942.6	8119.8	7414.9	6790.0	6184.6	5592.9	4994.0	4377.6	3769.1	3244.8
-20°	9511.6	8621.3	7806.3	7123.0	6533.4	5959.8	5412.7	4854.6	4237.7	3665.7	3161.0



REPORT NUMBER: P627800 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	9025.9	8239.5	7492.3	6822.4	6258.7	5733.6	5206.8	4667.1	4056.2	3536.1	3046.8
-25°	8545.8	7814.6	7143.0	6527.3	5982.8	5484.2	4971.7	4436.8	3894.7	3383.9	2907.2
-27.5°	8076.0	7398.8	6729.6	6176.0	5687.1	5200.1	4718.6	4212.5	3713.3	3212.8	2776.1
-30°	7568.8	6935.4	6332.0	5812.5	5349.6	4899.0	4465.9	3993.4	3502.4	3027.3	2634.6
-32.5°	7011.7	6455.8	5924.1	5434.9	5002.3	4603.1	4192.1	3744.2	3259.0	2854.0	2470.7
-35°	6471.1	5957.9	5499.0	5067.5	4674.9	4309.5	3911.7	3463.2	3037.1	2657.0	2285.8
-37.5°	5987.2	5487.4	5062.4	4690.7	4362.7	4016.3	3619.5	3221.6	2820.9	2437.8	2113.9
-40°	5486.5	5020.1	4642.7	4340.5	4026.6	3714.8	3365.5	2995.5	2600.3	2226.0	1945.1
-42.5°	5001.1	4624.8	4252.8	3950.3	3668.9	3413.6	3118.9	2745.4	2382.1	2056.9	1787.1
-45°	4525.9	4184.1	3844.4	3568.6	3334.6	3095.1	2831.8	2492.3	2165.9	1886.7	1632.2
-47.5°	4037.6	3749.8	3466.5	3210.2	3000.9	2768.4	2514.2	2226.6	1959.1	1707.6	1482.1
-50°	3568.9	3335.4	3106.2	2884.1	2672.3	2445.3	2218.2	1986.0	1747.4	1528.1	1323.6
-52.5°	3127.5	2934.1	2740.5	2546.1	2361.0	2162.6	1953.0	1746.5	1536.6	1353.4	1170.6
-55°	2712.3	2546.6	2393.0	2237.0	2081.1	1902.0	1713.0	1527.0	1359.5	1191.2	1042.2
-57.5°	2344.7	2199.2	2077.0	1949.7	1817.8	1659.3	1497.6	1340.4	1201.5	1062.2	924.3
-60°	2020.0	1893.1	1788.3	1677.4	1560.3	1427.8	1299.5	1175.0	1054.9	941.2	822.5
-62.5°	1713.3	1610.9	1516.5	1422.5	1327.4	1227.0	1117.3	1016.8	923.8	828.1	720.6
-65°	1423.2	1343.0	1263.8	1187.9	1109.7	1029.0	941.6	862.2	786.1	708.4	615.5
-67.5°	1158.5	1095.8	1031.6	968.1	907.1	843.1	776.7	710.4	648.4	585.0	509.6
-70°	932.6	885.4	835.5	782.5	732.0	681.9	630.5	576.8	520.2	468.4	416.8
-72.5°	752.7	718.8	681.5	638.6	593.2	549.9	508.2	466.4	423.3	379.0	334.0
-75°	608.3	583.4	555.0	519.2	482.5	444.8	409.7	373.7	334.4	291.4	249.6
-77.5°	481.7	466.4	449.0	420.4	391.5	362.4	331.0	291.7	251.7	212.1	177.6
-80°	361.1	353.9	343.5	318.7	293.8	269.0	242.9	208.6	174.6	142.6	117.0
-82.5°	238.3	233.3	226.7	210.1	193.7	177.7	161.2	137.4	114.6	93.1	74.0
-85°	130.2	126.0	121.4	113.5	105.6	97.9	89.9	76.8	64.5	53.0	42.7
-87.5°	47.6	46.0	44.4	42.7	40.9	39.2	37.4	33.5	29.8	26.1	22.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627800 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	14.1	12.9	11.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.7	2.7
85°	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.3	0.8	1.5
82.5°	0.0	0.0	0.0	0.1	0.8	1.3	1.5	1.4	0.7	0.1	0.4
80°	0.0	0.0	0.0	0.1	1.3	2.7	3.4	3.5	2.7	1.8	1.0
77.5°	0.0	0.0	0.0	0.0	0.5	1.5	2.9	4.6	4.6	3.6	2.5
75°	0.0	0.0	0.0	0.2	0.3	0.1	1.1	2.7	4.1	5.0	4.0
72.5°	0.0	0.0	0.0	0.6	1.4	1.4	0.8	0.9	2.9	4.3	5.0
70°	0.7	0.3	0.0	0.8	2.1	3.1	2.9	2.3	1.9	3.7	4.8
67.5°	2.4	2.6	1.9	1.4	2.3	3.5	4.8	4.6	4.0	3.3	4.7
65°	6.0	5.5	5.0	4.5	3.8	3.8	5.0	6.3	6.0	5.1	4.7
62.5°	9.0	9.0	8.2	7.5	6.7	5.8	5.3	7.1	7.8	6.9	5.8
60°	11.5	12.1	11.5	10.5	9.5	8.4	7.6	8.0	8.9	8.7	7.3
57.5°	16.0	15.5	15.3	13.9	12.3	11.0	10.3	10.0	10.3	10.2	8.9
55°	28.2	19.6	19.7	18.2	15.7	13.5	13.0	12.5	11.9	11.7	10.4
52.5°	71.5	39.7	25.4	23.5	20.4	16.7	15.6	14.9	14.1	13.4	11.9
50°	131.9	85.4	48.4	30.3	25.8	22.0	18.3	17.4	16.3	15.2	13.4
47.5°	211.2	146.9	95.4	47.8	33.4	27.5	22.9	19.8	18.5	17.2	14.8
45°	325.3	216.4	150.0	94.7	44.4	38.0	28.3	22.1	20.7	19.0	16.2
42.5°	452.6	317.5	210.5	143.1	85.0	52.6	33.9	26.8	22.8	20.9	17.8
40°	577.4	438.8	282.7	197.4	128.2	70.6	48.7	32.0	24.9	22.9	19.5
37.5°	715.6	567.1	396.0	255.3	172.3	107.7	66.8	37.3	28.3	25.1	21.4
35°	886.4	709.4	509.4	340.1	228.2	142.2	86.9	47.5	34.8	27.3	23.2
32.5°	1057.0	851.5	632.0	438.7	286.6	174.0	113.1	67.9	42.4	29.7	25.2
30°	1228.7	981.6	747.4	530.0	353.8	225.0	141.2	87.6	51.0	32.1	27.1
27.5°	1383.3	1104.4	855.5	625.4	432.6	278.8	170.6	106.8	60.7	36.4	29.1
25°	1557.9	1237.2	961.8	716.7	504.7	335.0	200.8	125.5	74.8	43.8	31.1
22.5°	1782.5	1373.6	1060.3	799.3	576.0	388.7	239.7	150.3	90.2	51.7	33.1
20°	2005.9	1506.8	1156.9	902.9	653.6	449.1	284.6	174.9	104.9	59.8	35.1
17.5°	2225.1	1677.5	1297.3	1008.7	736.7	505.6	326.6	199.1	118.8	68.1	37.1
15°	2421.7	1873.1	1435.4	1108.8	818.1	557.8	365.4	222.5	131.8	76.4	39.7
12.5°	2586.8	2041.7	1565.3	1202.5	896.4	605.6	400.9	245.1	143.8	85.7	43.3
10°	2723.2	2184.3	1685.9	1289.0	970.4	648.5	432.8	267.6	157.8	95.5	47.0
7.5°	2832.2	2302.1	1795.5	1367.6	1037.6	688.7	467.2	291.4	171.4	104.8	50.9
5°	2914.2	2394.0	1880.3	1423.9	1091.0	725.6	498.9	313.2	184.0	113.6	54.6
2.5°	2967.4	2461.7	1943.1	1468.1	1134.5	756.6	526.8	332.8	195.5	121.5	58.3
0°	2998.8	2510.1	1990.6	1502.0	1167.6	781.8	550.4	349.8	205.7	128.6	61.7
-2.5°	3026.9	2541.8	2032.1	1561.1	1190.4	823.1	565.5	365.1	221.9	133.7	68.0
-5°	3036.1	2555.8	2059.2	1606.7	1204.2	856.6	576.1	377.7	236.2	137.8	73.7
-7.5°	3020.5	2547.4	2068.8	1632.6	1210.6	880.2	582.3	387.4	247.8	141.0	78.8
-10°	2985.7	2519.9	2056.2	1624.8	1219.3	887.6	585.9	394.7	256.2	143.4	82.9
-12.5°	2934.1	2478.2	2029.2	1607.5	1217.8	882.9	595.5	400.3	260.6	145.1	86.0
-15°	2866.5	2423.7	1987.8	1582.1	1203.2	872.2	598.0	402.3	260.2	148.1	87.9
-17.5°	2786.9	2357.6	1932.4	1549.6	1174.7	856.3	592.6	399.8	257.6	152.5	89.8
-20°	2707.3	2284.2	1866.7	1511.3	1131.7	835.5	578.8	392.5	252.8	155.4	91.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627800 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2613.9	2200.0	1810.0	1457.7	1085.1	810.4	556.3	380.0	246.1	156.6	92.4
-25°	2506.6	2101.5	1741.7	1384.2	1048.4	782.1	533.0	362.2	237.3	156.2	92.1
-27.5°	2385.4	1996.4	1661.4	1303.5	1010.2	742.6	510.9	349.2	229.9	154.0	90.8
-30°	2250.0	1897.5	1565.3	1226.0	963.6	699.9	482.1	334.6	226.5	151.1	88.2
-32.5°	2104.2	1786.0	1462.0	1167.0	910.6	655.5	456.6	318.1	220.9	147.4	88.4
-35°	1967.4	1664.7	1356.6	1098.8	854.5	629.3	439.5	299.7	212.9	142.3	88.9
-37.5°	1820.9	1537.6	1273.1	1027.7	795.3	599.1	425.7	291.5	202.6	135.7	88.5
-40°	1679.9	1416.9	1176.5	960.0	751.5	565.1	403.9	282.4	192.7	127.7	87.4
-42.5°	1537.3	1303.6	1084.0	886.3	710.2	532.2	376.1	268.4	184.7	123.1	85.4
-45°	1406.0	1186.5	985.7	821.9	664.2	490.1	354.7	250.8	174.9	119.8	83.5
-47.5°	1268.0	1067.2	895.8	751.5	604.2	444.3	327.5	236.9	163.1	115.5	82.3
-50°	1125.5	954.3	811.7	674.2	530.7	406.2	298.4	220.4	158.9	112.1	80.3
-52.5°	1000.8	855.1	725.8	594.6	475.3	361.6	276.3	202.7	153.3	109.2	77.5
-55°	893.5	760.7	641.1	529.5	422.4	328.7	251.3	194.3	146.3	105.7	74.0
-57.5°	798.6	673.3	571.6	471.4	378.3	297.1	233.8	184.2	139.0	100.7	70.9
-60°	706.4	603.5	508.5	419.1	337.2	269.8	220.0	172.7	130.3	94.4	67.4
-62.5°	621.1	530.6	447.9	367.1	300.3	247.7	204.3	159.3	120.1	86.5	62.8
-65°	531.7	454.5	384.6	321.2	266.8	221.7	184.0	144.0	106.5	77.1	56.9
-67.5°	438.7	382.1	327.5	274.7	230.3	192.4	160.6	123.7	90.7	66.1	49.9
-70°	365.4	315.5	269.3	227.8	191.6	160.6	131.3	100.0	73.1	56.7	42.6
-72.5°	290.8	250.2	212.3	179.3	153.5	127.2	100.5	76.5	60.7	46.7	34.8
-75°	215.3	187.8	163.1	140.2	116.9	93.9	76.6	60.8	47.8	36.4	29.3
-77.5°	156.2	136.4	118.2	103.7	87.7	72.4	57.8	44.6	36.2	30.2	24.7
-80°	106.2	95.7	85.7	75.5	62.6	50.4	41.7	34.3	29.1	24.3	19.8
-82.5°	66.9	61.3	56.3	51.2	43.7	36.9	31.0	25.9	22.0	18.3	16.1
-85°	39.7	36.7	33.8	30.9	26.7	23.1	21.3	19.7	18.0	16.3	14.6
-87.5°	22.4	22.0	21.7	21.3	20.2	19.3	18.4	17.6	16.1	14.6	13.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	2.5	3.8

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REPORT NUMBER: P627800 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	10.3	9.0	7.7	6.4	5.1	5.1	5.1
87.5°	3.8	4.3	4.7	4.9	5.1	5.1	5.1
85°	2.5	3.5	4.2	4.8	5.1	5.1	5.1
82.5°	1.2	2.7	3.8	4.6	5.1	5.1	5.1
80°	0.3	1.9	3.4	4.5	5.1	5.1	5.1
77.5°	1.6	1.7	3.0	4.3	5.1	5.1	5.1
75°	2.9	2.5	2.8	4.2	5.1	5.1	5.1
72.5°	4.1	3.3	3.2	4.1	5.1	5.1	5.1
70°	5.1	4.1	3.7	4.1	5.1	5.1	5.1
67.5°	5.3	4.8	4.1	4.3	5.1	5.1	5.1
65°	5.5	5.3	4.4	4.4	5.1	5.1	5.1
62.5°	5.7	5.7	4.8	4.6	5.1	5.1	5.1
60°	6.1	6.1	5.1	4.7	5.1	5.1	5.1
57.5°	7.3	6.6	5.6	4.8	5.2	5.1	5.1
55°	8.6	7.2	6.1	4.9	5.2	5.1	5.1
52.5°	9.9	7.9	6.7	5.0	5.3	5.1	5.1
50°	11.2	8.9	7.2	5.1	5.4	5.1	5.1
47.5°	12.4	9.9	7.8	5.2	5.6	5.1	5.1
45°	13.6	10.9	8.5	5.7	5.7	5.1	5.1
42.5°	14.8	11.9	9.1	6.2	5.9	5.1	5.1
40°	15.9	12.9	9.8	6.8	6.1	5.1	5.1
37.5°	17.0	13.8	10.6	7.5	6.3	5.1	5.1
35°	18.1	14.7	11.3	8.2	6.5	5.1	5.1
32.5°	19.3	15.6	12.0	8.8	6.7	5.1	5.1
30°	20.9	16.4	12.6	9.5	7.0	5.1	5.1
27.5°	22.4	17.2	13.4	10.1	7.3	5.1	5.1
25°	23.9	17.9	14.2	10.7	7.5	5.1	5.1
22.5°	25.4	18.7	15.0	11.3	7.8	5.1	5.1
20°	26.9	19.7	15.8	11.8	8.1	5.1	5.1
17.5°	28.4	20.6	16.5	12.4	8.4	5.1	5.1
15°	29.8	21.5	17.2	12.9	8.7	5.1	5.1
12.5°	31.1	22.3	17.8	13.4	9.0	5.1	5.1
10°	32.3	23.1	18.5	13.8	9.3	5.1	5.1
7.5°	33.4	23.8	19.0	14.3	9.5	5.1	5.1
5°	34.4	24.5	19.6	14.7	9.8	5.1	5.1
2.5°	35.3	25.1	20.1	15.0	10.1	5.1	5.1
0°	36.0	25.7	20.6	15.4	10.3	5.1	5.1
-2.5°	38.0	26.3	21.0	15.4	10.3	5.1	5.1
-5°	39.8	26.8	21.4	15.3	10.3	5.1	5.1
-7.5°	41.4	27.2	21.7	15.3	10.2	5.1	5.1
-10°	42.7	27.6	22.0	15.2	10.1	5.1	5.1
-12.5°	43.7	27.9	22.1	15.0	10.1	5.1	5.1
-15°	44.4	28.2	22.2	14.9	9.9	5.1	5.1
-17.5°	44.6	28.5	22.1	14.7	9.8	5.1	5.1
-20°	45.8	28.6	22.0	14.5	9.7	5.1	5.1

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CATALOG NUMBER: GFLD-SA6B-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	48.7	28.7	21.7	14.2	9.5	5.1	5.1
-25°	51.1	30.6	21.3	14.0	9.3	5.1	5.1
-27.5°	53.0	33.0	20.8	13.7	9.1	5.1	5.1
-30°	54.3	35.1	20.3	13.3	8.9	5.1	5.1
-32.5°	55.0	36.8	21.1	13.0	8.7	5.1	5.1
-35°	56.5	38.1	21.6	12.6	8.4	5.1	5.1
-37.5°	58.0	38.9	22.0	12.2	8.1	5.1	5.1
-40°	58.9	39.3	22.1	11.8	7.9	5.1	5.1
-42.5°	59.2	39.3	22.3	11.6	7.6	5.1	5.1
-45°	58.9	39.0	22.4	11.6	7.2	5.1	5.1
-47.5°	58.0	38.4	22.2	11.6	6.9	5.1	5.1
-50°	56.8	37.5	21.8	11.4	6.6	5.1	5.1
-52.5°	55.2	36.3	21.2	11.2	6.2	5.1	5.1
-55°	53.2	34.8	20.3	10.9	5.9	5.1	5.1
-57.5°	50.9	33.0	19.2	10.5	5.5	5.1	5.1
-60°	48.1	30.7	17.8	10.0	5.1	5.1	5.1
-62.5°	44.2	28.1	16.8	9.5	5.1	5.1	5.1
-65°	39.8	25.2	15.7	8.8	5.1	5.1	5.1
-67.5°	35.1	22.7	14.5	8.1	5.1	5.1	5.1
-70°	29.9	20.6	13.2	7.4	5.1	5.1	5.1
-72.5°	26.4	18.3	11.7	7.2	5.1	5.1	5.1
-75°	22.9	16.0	10.2	7.2	5.1	5.1	5.1
-77.5°	19.4	13.5	9.7	7.1	5.1	5.1	5.1
-80°	15.6	12.1	9.3	7.0	5.1	5.1	5.1
-82.5°	14.1	11.4	9.0	6.9	5.1	5.1	5.1
-85°	12.9	10.6	8.6	6.7	5.1	5.1	5.1
-87.5°	11.6	9.8	8.1	6.6	5.1	5.1	5.1
-90°	5.1	5.1	5.1	5.1	5.1	5.1	5.1

(END OF REPORT)