

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: P627822 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-735-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627822 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-7)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6B-735-U-WR-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (96) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

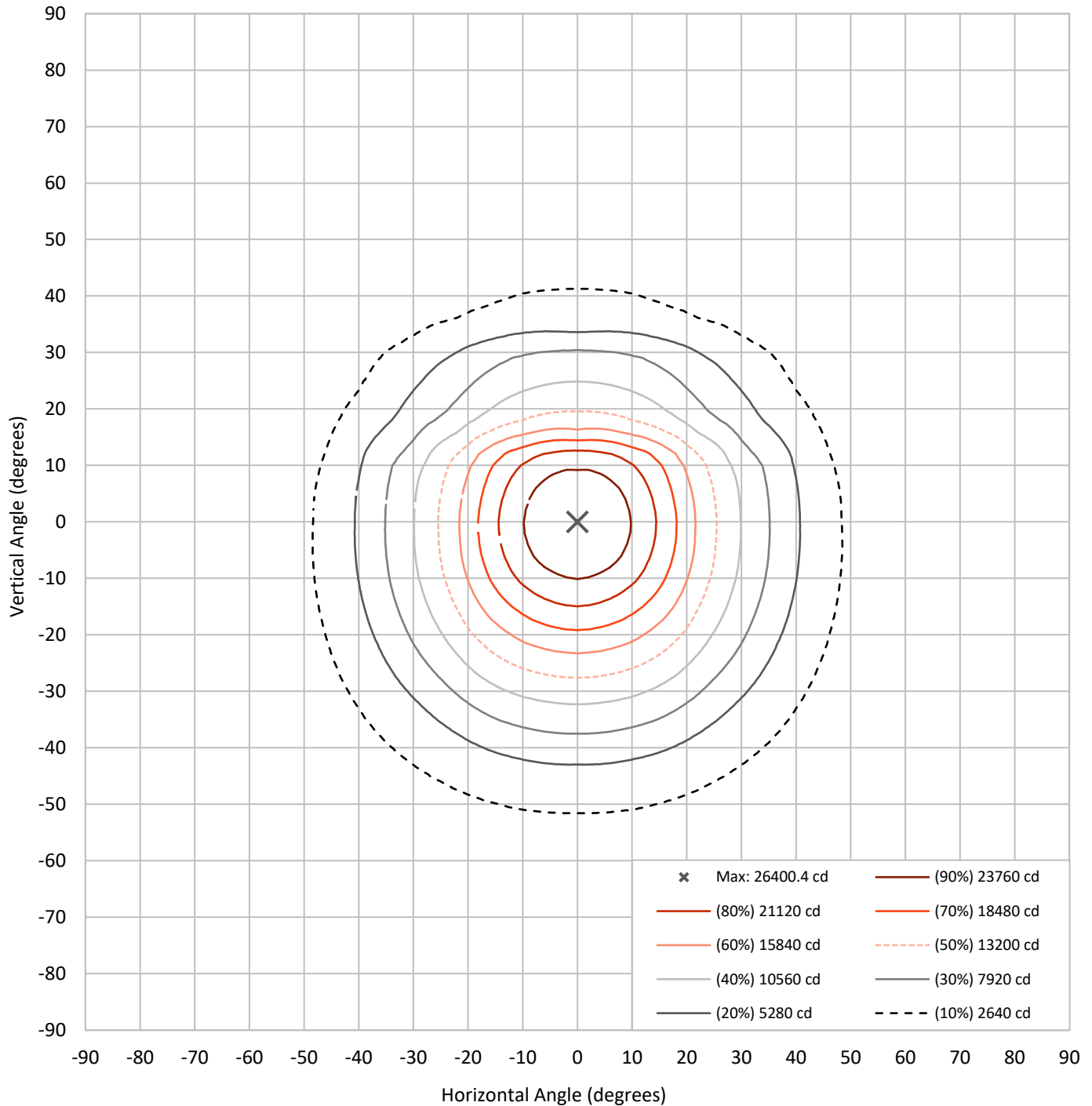
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	23290.8 lumens	Max Intensity:	26400.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	122.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	50.9°H x 47.1°V	Field Angle (10%):	96.7°H x 92.9°V
Beam Lumens:	11213.4 lumens	Field Lumens:	20853.2 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
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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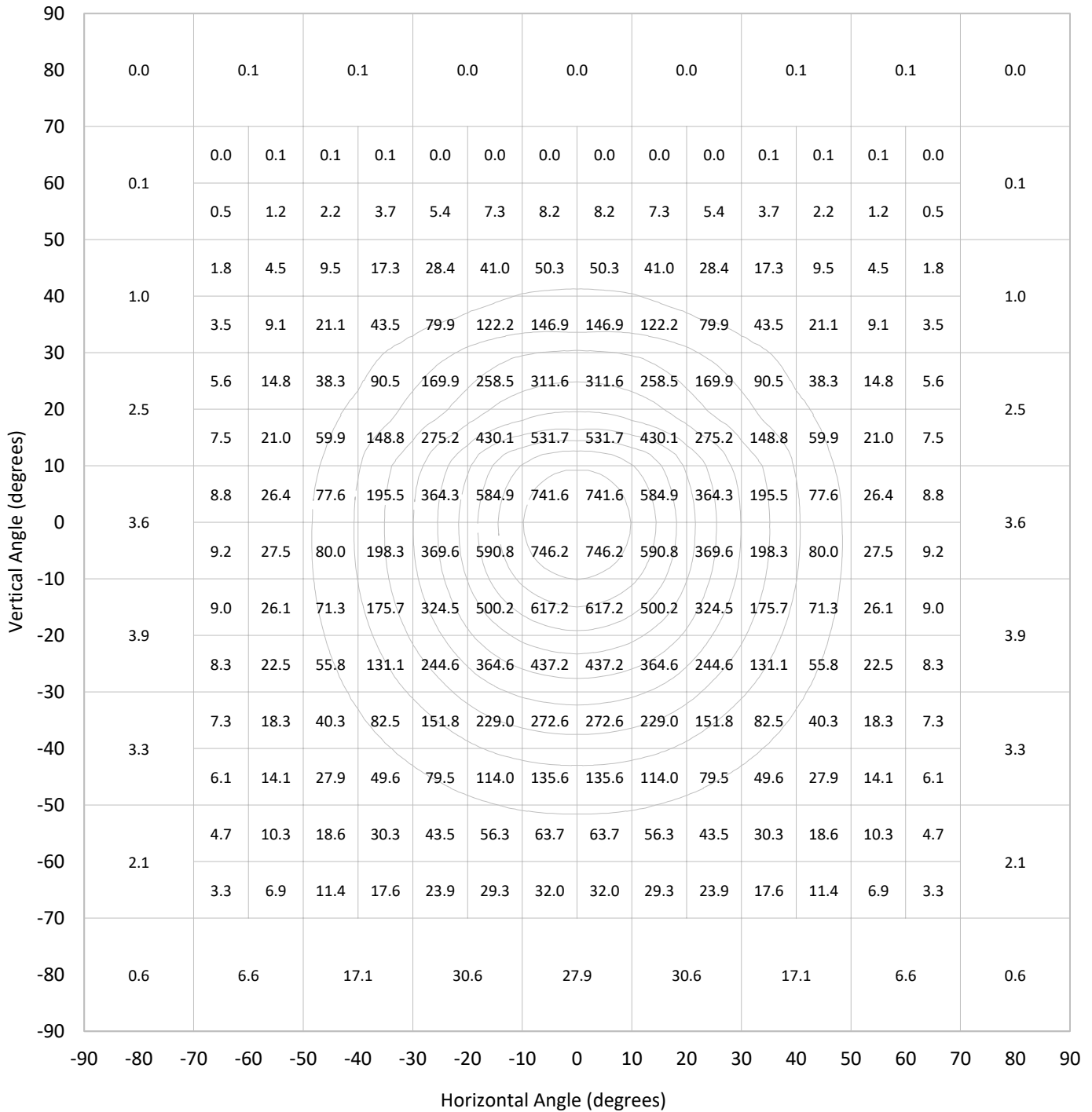
Iso-Candela Plot





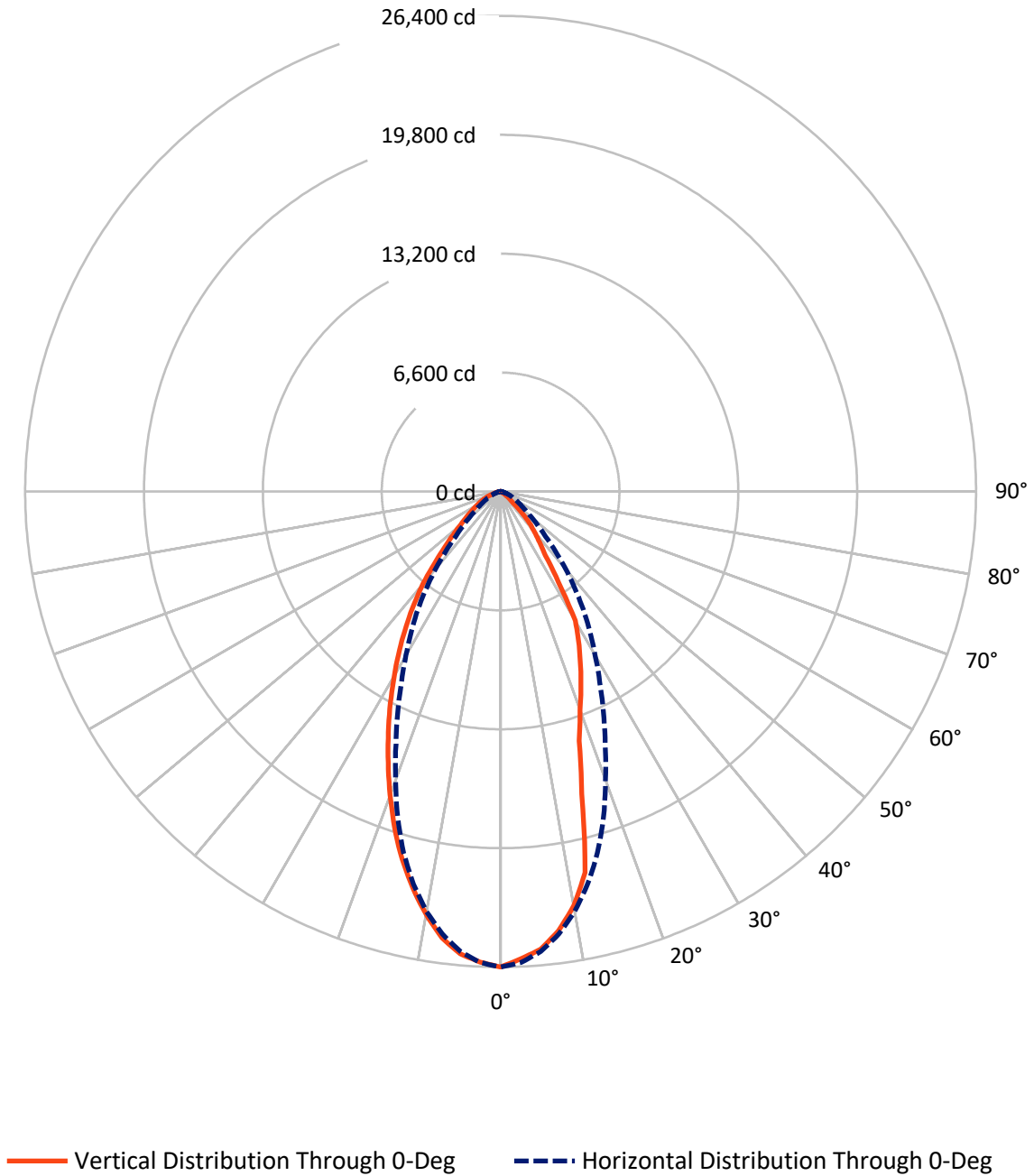
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Lumen Table



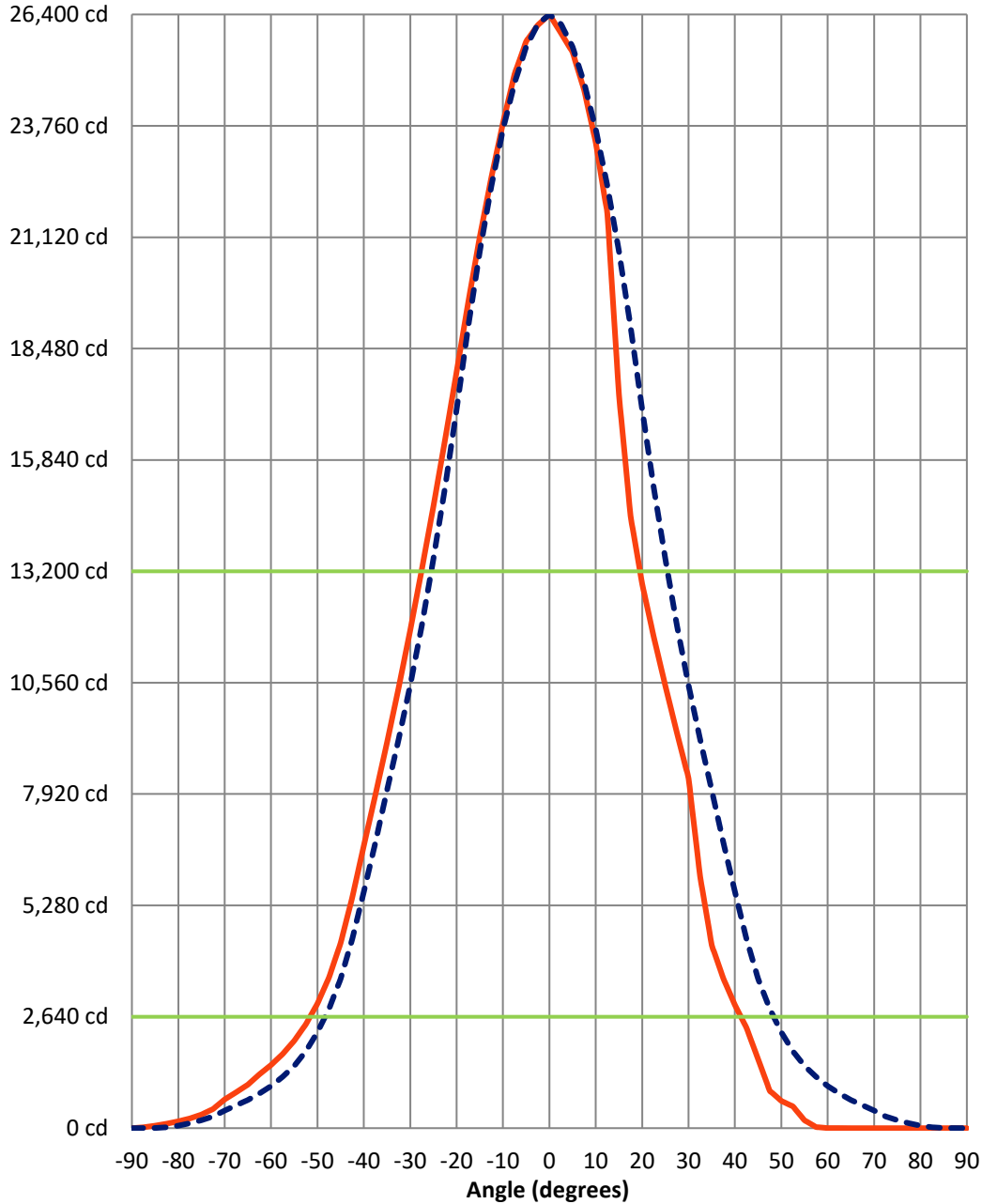
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 11213.4
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 20853.2
 Efficiency: 89.5%

Spill:
 Lumens: 2437.6
 Efficiency: 10.5%

- 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	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.6	0.7	0.8
85°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.1	1.3	1.5	1.6
82.5°	0.0	0.2	0.5	0.7	1.0	1.2	1.5	1.7	1.9	1.9	1.9
80°	0.0	0.3	0.7	1.0	1.3	1.6	1.9	1.9	1.9	1.9	1.9
77.5°	0.0	0.4	0.8	1.2	1.6	1.9	1.9	1.9	1.9	1.9	1.9
75°	0.0	0.5	1.0	1.5	1.9	1.9	1.9	1.9	1.9	1.9	1.9
72.5°	0.0	0.6	1.1	1.7	1.9	1.9	1.9	1.9	1.9	1.9	1.9
70°	0.0	0.6	1.3	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.1
67.5°	0.0	0.7	1.5	1.9	1.9	1.9	2.1	1.9	1.9	2.5	2.4
65°	0.0	0.8	1.6	1.9	1.9	2.1	2.3	1.9	2.7	3.1	3.6
62.5°	0.0	0.9	1.8	1.9	1.9	2.5	2.6	2.6	3.6	5.1	7.9
60°	0.0	0.9	1.9	1.9	1.9	3.0	3.0	3.6	4.6	12.5	13.5
57.5°	0.0	1.0	1.9	1.9	2.4	3.6	5.1	4.9	12.3	21.1	23.1
55°	0.0	1.1	2.0	1.9	3.0	4.1	7.8	7.2	22.6	31.7	35.8
52.5°	0.0	1.2	2.0	1.9	3.6	5.2	10.9	17.8	33.7	47.1	50.7
50°	0.0	1.2	2.0	1.9	4.2	8.5	14.4	29.4	47.1	64.1	77.5
47.5°	0.0	1.3	2.1	2.0	4.9	12.0	19.2	41.1	64.6	82.8	105.1
45°	0.0	1.3	2.1	2.5	5.5	15.7	29.4	52.9	82.2	107.3	132.4
42.5°	0.0	1.4	2.2	3.1	6.2	19.6	39.6	66.8	99.8	131.4	162.7
40°	0.0	1.5	2.3	3.7	8.2	23.7	49.7	82.0	118.0	155.0	194.4
37.5°	0.0	1.5	2.3	4.5	11.4	28.1	59.7	97.1	137.8	179.3	226.7
35°	0.0	1.6	2.4	5.4	14.7	34.9	69.7	111.9	157.7	208.3	261.9
32.5°	0.0	1.6	2.5	6.4	18.0	42.7	80.2	126.5	177.6	238.0	301.5
30°	0.0	1.6	2.6	7.4	21.3	50.4	92.0	141.3	197.5	268.4	341.3
27.5°	0.0	1.7	2.7	8.4	25.1	57.8	103.4	157.5	219.4	299.3	381.4
25°	0.0	1.7	2.8	9.6	28.9	65.0	114.5	173.4	244.5	332.1	421.4
22.5°	0.0	1.8	2.9	10.7	32.6	72.0	125.0	188.8	269.4	365.4	462.0
20°	0.0	1.8	3.0	11.9	36.2	78.8	135.1	203.7	293.9	397.9	500.6
17.5°	0.0	1.8	3.1	13.1	39.7	85.2	144.4	218.0	317.8	429.5	537.3
15°	0.0	1.8	3.2	14.3	43.0	91.1	153.0	230.8	340.8	460.0	571.8
12.5°	0.0	1.9	3.3	15.4	46.1	96.7	160.8	241.4	360.0	489.0	604.2
10°	0.0	1.9	3.4	16.6	49.0	101.7	167.9	250.9	375.2	506.2	629.6
7.5°	0.0	1.9	3.5	17.7	51.8	106.3	174.3	259.3	388.6	519.3	642.9
5°	0.0	1.9	3.6	18.8	54.3	110.4	179.9	266.5	400.0	529.7	653.7
2.5°	0.0	1.9	3.7	19.8	56.5	113.9	184.6	272.4	409.4	537.6	661.9
0°	0.0	1.9	3.8	20.7	58.5	116.9	188.6	277.2	416.7	543.1	667.6
-2.5°	0.0	2.0	4.4	22.0	61.2	120.6	193.7	285.2	424.9	551.0	676.4
-5°	0.0	2.1	4.9	23.2	63.5	123.7	198.0	291.9	430.8	556.6	682.7
-7.5°	0.0	2.2	5.5	24.3	65.5	126.2	201.3	297.1	434.6	560.1	686.4
-10°	0.0	2.4	6.0	25.3	67.2	128.0	203.7	300.9	436.3	561.5	687.5
-12.5°	0.0	2.4	6.5	26.1	68.4	129.3	205.2	303.0	435.8	560.6	684.3
-15°	0.0	2.5	7.0	26.8	69.2	129.9	205.6	303.4	432.6	555.8	677.7
-17.5°	0.0	2.6	7.4	27.3	69.6	129.8	205.0	302.8	427.0	549.1	668.5
-20°	0.0	2.7	7.8	27.6	69.5	129.1	204.4	301.4	420.0	540.8	656.8

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CATALOG NUMBER: GFLD-SA6B-735-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.7	8.1	27.8	68.9	127.7	204.5	298.7	411.7	531.0	642.5
-25°	0.0	2.8	8.4	27.8	67.9	127.2	203.6	294.7	402.3	519.7	625.8
-27.5°	0.0	2.8	8.7	27.6	66.3	126.6	201.6	289.5	391.8	506.6	610.3
-30°	0.0	2.9	8.9	27.2	64.4	125.3	198.6	283.1	382.5	491.9	593.7
-32.5°	0.0	2.9	9.0	26.7	63.6	123.1	194.6	277.7	373.4	476.5	575.9
-35°	0.0	2.9	9.1	25.9	62.3	120.2	190.8	271.9	363.1	460.6	557.1
-37.5°	0.0	2.9	9.1	24.9	60.4	117.0	186.5	264.9	351.5	444.3	534.8
-40°	0.0	2.8	9.1	23.7	58.0	114.1	181.1	256.7	338.8	429.1	511.1
-42.5°	0.0	2.8	9.0	22.6	56.3	110.6	174.7	247.4	327.0	409.4	485.7
-45°	0.0	2.7	8.9	21.8	55.2	106.2	167.3	237.6	314.9	388.2	459.5
-47.5°	0.0	2.7	8.7	20.6	53.5	101.2	158.9	227.6	301.4	366.3	435.1
-50°	0.0	2.6	8.4	20.2	51.3	95.5	151.5	216.4	283.7	346.3	410.1
-52.5°	0.0	2.5	8.1	19.9	48.5	89.1	143.5	204.0	266.1	325.5	384.6
-55°	0.0	2.4	7.7	19.4	45.1	83.9	134.6	190.7	247.9	303.8	360.6
-57.5°	0.0	2.3	7.2	18.6	41.2	78.2	124.9	178.9	228.8	281.9	335.7
-60°	0.0	2.2	6.7	17.6	37.0	71.7	114.6	164.6	209.2	259.3	310.1
-62.5°	0.0	2.0	6.3	16.3	34.4	64.5	104.6	148.8	189.8	235.7	283.7
-65°	0.0	1.9	5.9	14.9	31.4	56.6	93.5	132.2	169.1	210.8	256.2
-67.5°	0.0	1.7	5.4	13.2	28.1	49.6	81.6	115.6	147.3	184.6	225.8
-70°	0.0	1.5	4.9	11.4	24.4	43.4	68.8	98.3	126.7	157.0	193.1
-72.5°	0.0	1.4	4.4	10.0	20.5	36.9	58.5	80.5	105.5	132.1	160.1
-75°	0.0	1.2	3.8	8.8	16.3	29.9	48.0	65.6	83.7	106.6	130.7
-77.5°	0.0	1.0	3.2	7.4	13.4	22.5	37.0	51.5	66.5	82.2	100.5
-80°	0.0	0.8	2.6	6.0	10.9	17.2	25.5	37.2	49.4	62.3	75.7
-82.5°	0.0	0.6	1.9	4.5	8.2	13.0	18.8	24.8	32.1	42.0	52.4
-85°	0.0	0.4	1.3	3.1	5.5	8.7	12.6	16.7	21.2	26.2	31.7
-87.5°	0.0	0.2	0.7	1.5	2.8	4.4	6.3	8.4	10.6	13.2	15.9
-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: P627822 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-735-U-WR-VSR-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°	0.9	0.9	1.0	1.1	1.2	1.2	1.3	1.3	1.4	1.5	1.5
85°	1.8	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
82.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
80°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
77.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
75°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
72.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
70°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.6
67.5°	1.9	1.9	1.9	2.0	1.9	1.9	1.9	1.9	1.9	1.5	1.0
65°	1.9	1.9	2.6	2.8	2.0	1.9	1.9	1.9	2.0	1.7	1.8
62.5°	2.8	3.4	4.2	6.6	4.9	1.9	3.7	4.3	2.9	2.4	2.6
60°	8.2	5.6	14.5	20.1	13.2	7.0	8.6	17.1	14.1	3.9	10.0
57.5°	16.6	20.5	36.5	38.4	29.5	19.9	43.6	48.4	40.1	25.2	36.3
55°	34.7	48.8	61.7	60.9	61.3	77.0	90.5	88.9	78.3	108.1	136.1
52.5°	65.7	80.3	88.8	96.7	118.7	133.4	137.6	145.9	176.7	213.5	220.1
50°	96.4	111.4	122.6	151.3	173.9	185.5	196.2	224.4	270.9	296.1	300.2
47.5°	127.5	144.3	173.9	205.2	227.1	244.5	263.2	327.1	379.0	400.5	408.3
45°	159.9	188.9	225.9	258.1	283.4	307.1	367.7	455.0	491.6	524.5	608.4
42.5°	193.5	237.3	279.0	312.7	341.2	390.7	475.1	559.7	612.0	682.1	783.3
40°	236.5	285.5	333.8	368.2	403.7	478.7	583.3	672.8	728.1	822.1	937.5
37.5°	280.1	337.4	389.6	425.8	475.8	577.3	700.1	807.3	875.8	952.4	1137.8
35°	323.2	390.4	443.9	492.4	554.2	694.1	845.4	964.7	1049.5	1180.6	1415.3
32.5°	369.2	444.3	499.0	565.1	666.6	823.0	1008.9	1141.3	1281.9	1470.5	1846.4
30°	418.1	494.8	557.7	637.1	773.2	955.7	1171.4	1337.9	1528.7	1835.0	2240.2
27.5°	466.9	545.1	622.5	723.6	873.1	1070.2	1295.5	1558.0	1804.6	2147.1	2590.0
25°	513.8	596.3	686.1	808.3	969.9	1176.2	1422.2	1725.0	2046.8	2438.6	2958.7
22.5°	558.6	648.4	753.5	884.7	1051.6	1276.9	1570.2	1926.0	2312.6	2718.5	3316.1
20°	602.5	706.5	827.1	974.0	1126.8	1369.8	1715.0	2145.7	2630.4	3186.4	3772.0
17.5°	645.9	763.9	903.1	1066.4	1251.5	1500.2	1863.5	2376.2	2966.1	3689.7	4410.8
15°	688.4	820.2	976.6	1157.7	1377.4	1674.6	2087.2	2650.7	3363.4	4229.9	5084.1
12.5°	729.6	874.8	1047.2	1246.9	1499.4	1838.7	2298.0	2906.0	3722.5	4757.8	5807.1
10°	769.1	927.1	1114.2	1333.0	1616.3	1991.5	2484.3	3126.9	3993.5	5060.4	6227.5
7.5°	789.2	962.6	1171.4	1414.8	1726.6	2131.7	2646.5	3313.5	4205.2	5303.8	6474.0
5°	803.5	978.8	1192.9	1447.5	1787.2	2227.0	2770.6	3466.0	4361.3	5486.9	6640.9
2.5°	814.6	990.5	1208.5	1466.0	1811.2	2258.8	2811.6	3519.3	4444.9	5582.5	6738.2
0°	822.2	997.6	1218.2	1476.5	1823.5	2274.2	2830.5	3541.4	4480.5	5604.4	6773.6
-2.5°	830.3	1007.3	1228.3	1492.9	1840.8	2295.1	2851.3	3557.1	4507.1	5610.5	6792.7
-5°	834.9	1012.5	1232.3	1500.9	1846.4	2299.1	2849.9	3542.1	4485.9	5566.5	6751.2
-7.5°	836.2	1013.1	1230.1	1499.3	1839.3	2281.3	2819.7	3497.9	4412.8	5477.4	6649.2
-10°	834.1	1008.6	1222.0	1485.7	1818.6	2244.2	2765.9	3421.4	4292.6	5330.2	6477.0
-12.5°	828.0	999.2	1207.5	1463.5	1785.3	2191.6	2690.0	3312.2	4125.6	5125.7	6234.1
-15°	818.2	985.2	1186.5	1432.8	1739.2	2123.8	2592.4	3170.4	3910.7	4865.7	5931.7
-17.5°	804.8	966.5	1158.9	1393.5	1680.4	2041.4	2474.5	3004.4	3678.9	4575.6	5595.6
-20°	787.6	943.3	1125.0	1346.0	1612.7	1954.7	2365.1	2857.5	3462.0	4243.3	5198.9

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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°	766.7	915.6	1089.0	1300.4	1552.6	1864.7	2242.7	2690.9	3218.7	3859.3	4765.8
-25°	745.3	889.1	1054.0	1249.7	1483.9	1762.7	2102.8	2511.0	2989.0	3575.4	4324.9
-27.5°	724.1	858.6	1013.5	1191.1	1407.0	1657.4	1971.2	2343.4	2769.3	3267.9	3878.3
-30°	700.2	824.6	968.9	1129.8	1333.2	1565.7	1836.9	2155.9	2534.6	2985.2	3515.7
-32.5°	674.2	788.1	925.7	1076.7	1254.2	1465.9	1700.5	1988.9	2318.4	2690.1	3148.7
-35°	648.2	756.9	881.4	1019.5	1169.4	1367.6	1583.1	1822.5	2102.8	2431.9	2798.7
-37.5°	623.3	722.9	834.0	962.7	1103.3	1267.9	1458.3	1674.4	1915.7	2177.5	2494.4
-40°	595.5	686.2	791.2	907.9	1032.2	1174.9	1346.6	1530.0	1737.7	1968.1	2212.8
-42.5°	565.3	652.5	748.3	848.8	962.9	1090.4	1232.7	1400.5	1573.1	1766.1	1979.7
-45°	535.7	615.7	703.5	795.2	891.2	1003.8	1133.1	1272.6	1425.7	1583.2	1762.6
-47.5°	504.5	577.6	659.3	739.2	824.3	920.3	1030.1	1156.7	1284.3	1424.5	1563.6
-50°	473.3	541.9	610.6	685.2	761.4	841.2	934.0	1043.3	1159.4	1275.8	1398.2
-52.5°	445.3	504.7	566.7	630.8	700.2	771.3	848.5	938.6	1040.2	1142.7	1248.2
-55°	416.8	471.4	522.7	580.1	640.1	704.2	773.1	848.8	925.5	1018.9	1109.7
-57.5°	388.9	437.4	481.9	530.9	584.3	638.7	700.8	765.2	834.8	905.4	979.7
-60°	360.9	402.1	442.5	484.8	529.6	578.1	628.0	684.6	744.3	805.6	870.0
-62.5°	332.0	365.4	401.0	439.8	479.2	516.4	558.3	604.6	653.8	706.5	761.1
-65°	299.6	327.3	357.1	390.8	427.8	457.9	489.9	524.7	565.4	608.8	651.6
-67.5°	265.1	289.6	313.9	338.9	368.9	395.8	422.2	449.9	480.3	515.8	550.1
-70°	226.6	251.1	272.5	293.2	312.3	331.5	353.9	375.7	400.3	432.0	463.3
-72.5°	187.5	210.4	230.7	248.3	261.7	273.2	287.0	302.8	326.3	355.8	383.4
-75°	151.6	170.2	189.1	206.0	214.7	218.1	221.0	229.4	253.1	283.4	310.2
-77.5°	118.1	134.2	149.7	164.4	170.5	172.9	174.1	174.0	191.6	217.4	244.5
-80°	87.0	98.2	111.3	123.9	127.6	128.8	128.9	128.1	142.5	161.0	180.9
-82.5°	60.4	68.5	76.9	85.4	86.6	86.0	84.7	83.5	95.1	108.5	122.2
-85°	35.2	38.6	43.7	48.9	49.5	49.3	48.4	46.9	53.3	60.6	68.3
-87.5°	17.6	19.3	21.0	22.7	22.1	21.2	20.1	18.7	20.5	22.4	24.3
-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: P627822 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-735-U-WR-VSR-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°	1.6	1.2	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.9	1.4	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.9	1.5	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.9	1.5	1.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	1.9	1.5	1.1	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	1.9	1.6	1.1	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1.9	1.7	1.1	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	1.1	0.5	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.9	1.0	1.0	0.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0
65°	2.0	1.9	1.4	0.9	0.4	0.4	0.5	0.4	0.2	0.0	0.0
62.5°	2.5	2.4	1.7	1.6	1.8	1.9	1.5	1.3	1.3	1.4	1.6
60°	10.6	6.1	6.2	7.9	6.7	3.1	6.2	7.8	7.3	5.5	4.8
57.5°	54.1	45.3	31.6	53.0	54.6	38.1	41.3	53.9	52.3	40.4	40.3
55°	136.4	138.3	148.5	162.0	171.9	176.5	180.6	200.8	222.5	243.7	254.3
52.5°	225.3	251.6	284.4	306.1	321.2	352.3	395.7	415.7	435.1	457.2	473.1
50°	331.8	377.6	410.5	415.3	466.9	500.5	508.4	545.8	586.6	612.0	630.2
47.5°	493.6	551.5	580.2	598.5	661.4	730.3	730.4	751.9	854.0	907.5	933.2
45°	710.9	759.2	809.9	941.7	1062.8	1101.2	1183.4	1294.9	1367.3	1467.0	1576.5
42.5°	896.0	986.7	1113.7	1258.8	1380.2	1481.3	1603.5	1737.4	1898.3	2049.6	2180.1
40°	1079.1	1191.4	1348.7	1506.5	1659.4	1799.5	1996.5	2168.7	2358.5	2566.6	2740.1
37.5°	1318.1	1461.8	1624.4	1823.4	2061.4	2216.9	2487.8	2735.3	2949.1	3200.5	3355.3
35°	1685.2	1872.5	2016.4	2418.7	2708.2	2890.0	3210.8	3617.5	3773.7	4090.3	4240.5
32.5°	2146.7	2395.6	2774.5	3307.1	3693.7	4028.4	4507.9	4920.7	5272.5	5590.4	5921.1
30°	2665.3	3049.4	3607.7	4315.5	4708.2	5177.0	5825.4	6314.9	6866.7	7472.3	7684.4
27.5°	3135.9	3711.1	4359.4	4932.7	5496.7	6080.7	6717.8	7346.6	7943.7	8447.7	8785.9
25°	3572.0	4268.7	4898.8	5511.4	6122.5	6780.2	7500.8	8213.9	8871.0	9389.6	9783.9
22.5°	4021.9	4757.9	5431.9	6053.5	6764.4	7509.7	8276.0	9093.9	9841.8	10379.8	10809.3
20°	4444.8	5263.4	6032.3	6740.0	7412.0	8272.4	9154.8	10022.4	10836.8	11477.6	11972.9
17.5°	5116.2	5826.8	6766.5	7685.9	8443.0	9233.3	10412.5	11307.9	12211.7	12979.1	13504.2
15°	5940.7	6722.1	7692.4	8955.2	9992.3	10897.9	12116.1	13572.7	14638.7	15618.5	16290.7
12.5°	6765.9	7649.7	8699.2	10120.3	11596.9	12663.7	14141.6	15987.4	17229.0	18745.9	19493.7
10°	7398.3	8508.2	9589.0	10885.8	12304.0	13823.0	15416.2	17143.0	18802.0	20104.6	21268.9
7.5°	7653.0	8835.2	10086.4	11409.5	12827.5	14395.3	16093.3	17890.1	19597.6	21052.4	22332.0
5°	7843.3	9054.6	10314.0	11666.9	13182.9	14820.0	16543.3	18429.9	20173.5	21732.8	23041.9
2.5°	7964.2	9186.9	10440.9	11816.4	13410.8	15096.5	16875.2	18811.8	20581.6	22186.8	23491.7
0°	8010.6	9215.6	10499.8	11916.0	13494.4	15184.0	17039.5	18998.8	20782.7	22334.7	23677.3
-2.5°	8016.9	9188.9	10503.6	11912.9	13423.1	15128.6	17006.5	18949.5	20697.2	22242.9	23597.5
-5°	7954.0	9125.5	10441.4	11829.3	13341.7	15034.3	16831.6	18709.2	20376.0	21880.3	23184.6
-7.5°	7826.4	8994.7	10281.5	11637.7	13109.2	14751.0	16477.3	18222.8	19858.0	21300.8	22545.5
-10°	7637.1	8780.9	10023.1	11344.5	12736.9	14298.5	15944.6	17612.3	19145.7	20480.0	21630.9
-12.5°	7380.8	8498.1	9684.4	10945.9	12242.0	13730.8	15285.1	16851.2	18248.9	19466.9	20499.6
-15°	7047.9	8139.1	9287.8	10480.8	11737.7	13084.1	14478.9	15915.5	17204.5	18284.7	19228.2
-17.5°	6655.8	7714.1	8805.0	9910.9	11103.5	12366.7	13661.5	14951.0	16050.4	17010.0	17872.7
-20°	6218.6	7238.3	8274.5	9305.5	10387.4	11555.7	12751.6	13884.3	14845.0	15717.0	16506.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627822 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-735-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	5728.4	6704.4	7697.6	8662.4	9638.1	10695.9	11763.9	12788.3	13686.9	14432.8	15118.8
-25°	5203.7	6105.5	7043.4	7948.0	8846.0	9793.9	10764.0	11706.5	12497.4	13145.0	13711.9
-27.5°	4674.9	5499.0	6325.3	7176.9	8007.0	8881.7	9760.0	10574.0	11284.1	11880.4	12356.7
-30°	4119.2	4855.9	5610.5	6381.0	7173.6	7974.1	8767.6	9480.4	10100.2	10624.7	11036.4
-32.5°	3657.2	4216.9	4883.1	5582.6	6325.6	7055.0	7745.3	8395.0	8979.1	9437.0	9786.1
-35°	3214.5	3688.5	4187.4	4806.6	5444.9	6116.1	6751.1	7330.9	7851.6	8251.7	8580.2
-37.5°	2833.9	3208.8	3630.8	4072.8	4607.9	5162.8	5735.9	6281.2	6745.4	7094.5	7387.9
-40°	2504.5	2800.5	3137.7	3488.1	3881.8	4280.4	4779.4	5239.6	5618.6	5944.8	6210.6
-42.5°	2206.7	2456.5	2705.4	2992.9	3290.0	3610.4	3960.6	4300.9	4591.8	4864.9	5090.6
-45°	1949.6	2149.1	2347.6	2569.6	2787.7	3048.3	3298.5	3521.7	3757.3	3961.8	4122.7
-47.5°	1724.9	1880.4	2050.6	2216.7	2391.9	2588.1	2774.2	2944.1	3116.7	3266.3	3386.2
-50°	1525.1	1654.0	1792.9	1923.5	2065.1	2208.7	2346.3	2481.5	2612.6	2726.4	2814.9
-52.5°	1350.2	1462.9	1571.1	1675.1	1787.7	1894.0	1993.6	2105.1	2207.7	2297.3	2357.9
-55°	1201.4	1293.3	1382.0	1468.8	1554.0	1634.6	1714.0	1800.6	1879.7	1950.9	1996.0
-57.5°	1061.5	1139.9	1214.9	1285.8	1353.4	1417.4	1484.3	1550.9	1611.9	1665.6	1700.5
-60°	934.3	998.3	1063.3	1121.1	1175.6	1226.8	1283.1	1336.4	1385.6	1427.0	1451.1
-62.5°	817.8	875.2	923.1	968.9	1015.2	1061.3	1101.3	1140.6	1178.7	1210.7	1231.7
-65°	695.9	744.6	785.4	822.1	855.3	891.0	925.2	956.0	983.5	1004.3	1017.6
-67.5°	586.9	622.7	655.4	684.6	714.3	742.9	769.1	792.6	813.2	827.7	837.3
-70°	492.3	519.6	546.4	572.9	599.3	621.6	640.6	658.1	674.0	680.6	683.5
-72.5°	409.1	433.3	456.8	480.2	502.2	519.6	533.6	546.5	558.0	548.1	530.6
-75°	333.6	354.9	376.9	397.5	416.9	430.3	440.7	450.2	458.9	437.4	407.7
-77.5°	271.9	290.6	306.9	323.0	339.0	347.5	354.1	360.5	366.7	342.6	312.2
-80°	201.7	216.8	230.6	244.2	257.5	262.6	265.5	267.5	268.6	248.0	224.2
-82.5°	136.2	144.1	151.7	159.6	167.7	171.9	175.1	177.6	179.4	164.7	148.2
-85°	76.3	78.7	80.6	82.2	83.5	86.2	88.7	91.1	93.2	86.2	78.6
-87.5°	26.3	26.3	26.2	26.0	25.7	25.7	25.7	25.6	25.5	24.4	23.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627822 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-735-U-WR-VSR-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°	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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4
62.5°	1.7	1.8	1.9	1.9	1.9	1.8	1.7	1.6	1.4	1.3	1.3
60°	3.7	2.3	1.9	1.9	1.9	2.3	3.7	4.8	5.5	7.3	7.8
57.5°	37.6	32.8	29.4	26.4	29.4	32.8	37.6	40.3	40.4	52.3	53.9
55°	249.7	232.5	211.5	186.7	211.5	232.5	249.7	254.3	243.7	222.5	200.8
52.5°	489.9	506.2	515.6	514.8	515.6	506.2	489.9	473.1	457.2	435.1	415.7
50°	644.9	653.7	654.2	646.8	654.2	653.7	644.9	630.2	612.0	586.6	545.8
47.5°	944.9	932.4	911.1	888.2	911.1	932.4	944.9	933.2	907.5	854.0	751.9
45°	1648.6	1688.4	1685.8	1634.9	1685.8	1688.4	1648.6	1576.5	1467.0	1367.3	1294.9
42.5°	2253.1	2312.5	2354.6	2376.0	2354.6	2312.5	2253.1	2180.1	2049.6	1898.3	1737.4
40°	2837.8	2895.3	2920.6	2919.1	2920.6	2895.3	2837.8	2740.1	2566.6	2358.5	2168.7
37.5°	3455.7	3530.1	3566.1	3549.0	3566.1	3530.1	3455.7	3355.3	3200.5	2949.1	2735.3
35°	4305.4	4375.0	4376.3	4341.0	4376.3	4375.0	4305.4	4240.5	4090.3	3773.7	3617.5
32.5°	6183.6	6206.9	6028.0	5964.6	6028.0	6206.9	6183.6	5921.1	5590.4	5272.5	4920.7
30°	7895.6	8060.6	8214.2	8291.6	8214.2	8060.6	7895.6	7684.4	7472.3	6866.7	6314.9
27.5°	9040.9	9239.4	9362.4	9370.2	9362.4	9239.4	9040.9	8785.9	8447.7	7943.7	7346.6
25°	10082.5	10304.6	10438.8	10484.7	10438.8	10304.6	10082.5	9783.9	9389.6	8871.0	8213.9
22.5°	11173.9	11435.6	11609.0	11644.4	11609.0	11435.6	11173.9	10809.3	10379.8	9841.8	9093.9
20°	12440.1	12744.7	12910.9	12904.1	12910.9	12744.7	12440.1	11972.9	11477.6	10836.8	10022.4
17.5°	14107.1	14433.7	14577.3	14514.5	14577.3	14433.7	14107.1	13504.2	12979.1	12211.7	11307.9
15°	16980.5	17663.8	17661.1	17388.4	17661.1	17663.8	16980.5	16290.7	15618.5	14638.7	13572.7
12.5°	20524.9	21034.2	21556.7	21669.0	21556.7	21034.2	20524.9	19493.7	18745.9	17229.0	15987.4
10°	22249.6	22925.9	23372.3	23360.5	23372.3	22925.9	22249.6	21268.9	20104.6	18802.0	17143.0
7.5°	23328.6	24075.8	24616.7	24605.1	24616.7	24075.8	23328.6	22332.0	21052.4	19597.6	17890.1
5°	24161.3	24990.1	25469.1	25504.6	25469.1	24990.1	24161.3	23041.9	21732.8	20173.5	18429.9
2.5°	24593.9	25458.9	26034.9	25959.1	26034.9	25458.9	24593.9	23491.7	22186.8	20581.6	18811.8
0°	24774.8	25631.0	26168.4	26400.4	26168.4	25631.0	24774.8	23677.3	22334.7	20782.7	18998.8
-2.5°	24695.8	25528.9	26122.9	26145.8	26122.9	25528.9	24695.8	23597.5	22242.9	20697.2	18949.5
-5°	24272.7	25151.8	25549.7	25761.1	25549.7	25151.8	24272.7	23184.6	21880.3	20376.0	18709.2
-7.5°	23590.3	24249.1	24754.6	24987.9	24754.6	24249.1	23590.3	22545.5	21300.8	19858.0	18222.8
-10°	22528.3	23210.3	23637.5	23830.1	23637.5	23210.3	22528.3	21630.9	20480.0	19145.7	17612.3
-12.5°	21351.8	21971.6	22377.6	22540.2	22377.6	21971.6	21351.8	20499.6	19466.9	18248.9	16851.2
-15°	20039.1	20601.9	20975.7	21131.6	20975.7	20601.9	20039.1	19228.2	18284.7	17204.5	15915.5
-17.5°	18594.2	19087.3	19459.8	19572.1	19459.8	19087.3	18594.2	17872.7	17010.0	16050.4	14951.0
-20°	17108.4	17554.2	17860.9	17927.7	17860.9	17554.2	17108.4	16506.4	15717.0	14845.0	13884.3



REPORT NUMBER: P627822 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-735-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	15611.3	15978.5	16227.7	16311.6	16227.7	15978.5	15611.3	15118.8	14432.8	13686.9	12788.3
-25°	14148.2	14465.2	14665.8	14740.8	14665.8	14465.2	14148.2	13711.9	13145.0	12497.4	11706.5
-27.5°	12741.1	13036.5	13220.8	13245.4	13220.8	13036.5	12741.1	12356.7	11880.4	11284.1	10574.0
-30°	11356.5	11600.6	11742.6	11802.8	11742.6	11600.6	11356.5	11036.4	10624.7	10100.2	9480.4
-32.5°	10062.7	10275.9	10403.5	10437.6	10403.5	10275.9	10062.7	9786.1	9437.0	8979.1	8395.0
-35°	8841.2	9038.1	9151.2	9142.1	9151.2	9038.1	8841.2	8580.2	8251.7	7851.6	7330.9
-37.5°	7630.4	7812.0	7914.6	7905.0	7914.6	7812.0	7630.4	7387.9	7094.5	6745.4	6281.2
-40°	6429.2	6585.9	6676.3	6698.1	6676.3	6585.9	6429.2	6210.6	5944.8	5618.6	5239.6
-42.5°	5278.3	5423.0	5495.3	5466.8	5495.3	5423.0	5278.3	5090.6	4864.9	4591.8	4300.9
-45°	4235.3	4310.1	4359.3	4390.0	4359.3	4310.1	4235.3	4122.7	3961.8	3757.3	3521.7
-47.5°	3474.0	3536.0	3569.5	3575.4	3569.5	3536.0	3474.0	3386.2	3266.3	3116.7	2944.1
-50°	2883.7	2936.4	2959.8	2953.1	2959.8	2936.4	2883.7	2814.9	2726.4	2612.6	2481.5
-52.5°	2401.5	2432.1	2452.7	2462.8	2452.7	2432.1	2401.5	2357.9	2297.3	2207.7	2105.1
-55°	2030.0	2053.8	2067.7	2072.4	2067.7	2053.8	2030.0	1996.0	1950.9	1879.7	1800.6
-57.5°	1729.5	1752.2	1760.5	1757.5	1760.5	1752.2	1729.5	1700.5	1665.6	1611.9	1550.9
-60°	1469.7	1482.6	1492.3	1497.3	1492.3	1482.6	1469.7	1451.1	1427.0	1385.6	1336.4
-62.5°	1248.5	1260.6	1270.7	1276.6	1270.7	1260.6	1248.5	1231.7	1210.7	1178.7	1140.6
-65°	1026.9	1032.3	1033.8	1031.5	1033.8	1032.3	1026.9	1017.6	1004.3	983.5	956.0
-67.5°	844.3	848.8	851.9	852.4	851.9	848.8	844.3	837.3	827.7	813.2	792.6
-70°	686.4	688.3	686.1	680.8	686.1	688.3	686.4	683.5	680.6	674.0	658.1
-72.5°	512.7	493.9	475.2	454.5	475.2	493.9	512.7	530.6	548.1	558.0	546.5
-75°	377.0	345.2	333.6	322.5	333.6	345.2	377.0	407.7	437.4	458.9	450.2
-77.5°	280.4	247.2	238.4	230.1	238.4	247.2	280.4	312.2	342.6	366.7	360.5
-80°	199.2	173.4	167.7	162.2	167.7	173.4	199.2	224.2	248.0	268.6	267.5
-82.5°	130.9	112.8	109.2	105.6	109.2	112.8	130.9	148.2	164.7	179.4	177.6
-85°	70.4	62.0	60.3	58.5	60.3	62.0	70.4	78.6	86.2	93.2	91.1
-87.5°	21.9	20.6	20.7	20.7	20.7	20.6	21.9	23.2	24.4	25.5	25.6
-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: P627822 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-735-U-WR-VSR-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°	0.0	0.0	0.0	0.4	0.8	1.2	1.6	1.5	1.5	1.4	1.3
85°	0.0	0.0	0.0	0.5	1.0	1.4	1.9	1.9	1.9	1.9	1.9
82.5°	0.0	0.0	0.0	0.5	1.0	1.5	1.9	1.9	1.9	1.9	1.9
80°	0.0	0.0	0.1	0.5	1.0	1.5	1.9	1.9	1.9	1.9	1.9
77.5°	0.0	0.0	0.1	0.6	1.1	1.5	1.9	1.9	1.9	1.9	1.9
75°	0.0	0.0	0.1	0.6	1.1	1.6	1.9	1.9	1.9	1.9	1.9
72.5°	0.0	0.0	0.1	0.6	1.1	1.7	1.9	1.9	1.9	1.9	1.9
70°	0.0	0.0	0.1	0.0	0.1	0.5	1.1	1.6	1.9	1.9	1.9
67.5°	0.0	0.0	0.3	0.8	1.0	1.0	0.9	1.0	1.5	1.9	1.9
65°	0.5	0.4	0.4	0.9	1.4	1.9	2.0	1.8	1.7	2.0	1.9
62.5°	1.5	1.9	1.8	1.6	1.7	2.4	2.5	2.6	2.4	2.9	4.3
60°	6.2	3.1	6.7	7.9	6.2	6.1	10.6	10.0	3.9	14.1	17.1
57.5°	41.3	38.1	54.6	53.0	31.6	45.3	54.1	36.3	25.2	40.1	48.4
55°	180.6	176.5	171.9	162.0	148.5	138.3	136.4	136.1	108.1	78.3	88.9
52.5°	395.7	352.3	321.2	306.1	284.4	251.6	225.3	220.1	213.5	176.7	145.9
50°	508.4	500.5	466.9	415.3	410.5	377.6	331.8	300.2	296.1	270.9	224.4
47.5°	730.4	730.3	661.4	598.5	580.2	551.5	493.6	408.3	400.5	379.0	327.1
45°	1183.4	1101.2	1062.8	941.7	809.9	759.2	710.9	608.4	524.5	491.6	455.0
42.5°	1603.5	1481.3	1380.2	1258.8	1113.7	986.7	896.0	783.3	682.1	612.0	559.7
40°	1996.5	1799.5	1659.4	1506.5	1348.7	1191.4	1079.1	937.5	822.1	728.1	672.8
37.5°	2487.8	2216.9	2061.4	1823.4	1624.4	1461.8	1318.1	1137.8	952.4	875.8	807.3
35°	3210.8	2890.0	2708.2	2418.7	2016.4	1872.5	1685.2	1415.3	1180.6	1049.5	964.7
32.5°	4507.9	4028.4	3693.7	3307.1	2774.5	2395.6	2146.7	1846.4	1470.5	1281.9	1141.3
30°	5825.4	5177.0	4708.2	4315.5	3607.7	3049.4	2665.3	2240.2	1835.0	1528.7	1337.9
27.5°	6717.8	6080.7	5496.7	4932.7	4359.4	3711.1	3135.9	2590.0	2147.1	1804.6	1558.0
25°	7500.8	6780.2	6122.5	5511.4	4898.8	4268.7	3572.0	2958.7	2438.6	2046.8	1725.0
22.5°	8276.0	7509.7	6764.4	6053.5	5431.9	4757.9	4021.9	3316.1	2718.5	2312.6	1926.0
20°	9154.8	8272.4	7412.0	6740.0	6032.3	5263.4	4444.8	3772.0	3186.4	2630.4	2145.7
17.5°	10412.5	9233.3	8443.0	7685.9	6766.5	5826.8	5116.2	4410.8	3689.7	2966.1	2376.2
15°	12116.1	10897.9	9992.3	8955.2	7692.4	6722.1	5940.7	5084.1	4229.9	3363.4	2650.7
12.5°	14141.6	12663.7	11596.9	10120.3	8699.2	7649.7	6765.9	5807.1	4757.8	3722.5	2906.0
10°	15416.2	13823.0	12304.0	10885.8	9589.0	8508.2	7398.3	6227.5	5060.4	3993.5	3126.9
7.5°	16093.3	14395.3	12827.5	11409.5	10086.4	8835.2	7653.0	6474.0	5303.8	4205.2	3313.5
5°	16543.3	14820.0	13182.9	11666.9	10314.0	9054.6	7843.3	6640.9	5486.9	4361.3	3466.0
2.5°	16875.2	15096.5	13410.8	11816.4	10440.9	9186.9	7964.2	6738.2	5582.5	4444.9	3519.3
0°	17039.5	15184.0	13494.4	11916.0	10499.8	9215.6	8010.6	6773.6	5604.4	4480.5	3541.4
-2.5°	17006.5	15128.6	13423.1	11912.9	10503.6	9188.9	8016.9	6792.7	5610.5	4507.1	3557.1
-5°	16831.6	15034.3	13341.7	11829.3	10441.4	9125.5	7954.0	6751.2	5566.5	4485.9	3542.1
-7.5°	16477.3	14751.0	13109.2	11637.7	10281.5	8994.7	7826.4	6649.2	5477.4	4412.8	3497.9
-10°	15944.6	14298.5	12736.9	11344.5	10023.1	8780.9	7637.1	6477.0	5330.2	4292.6	3421.4
-12.5°	15285.1	13730.8	12242.0	10945.9	9684.4	8498.1	7380.8	6234.1	5125.7	4125.6	3312.2
-15°	14478.9	13084.1	11737.7	10480.8	9287.8	8139.1	7047.9	5931.7	4865.7	3910.7	3170.4
-17.5°	13661.5	12366.7	11103.5	9910.9	8805.0	7714.1	6655.8	5595.6	4575.6	3678.9	3004.4
-20°	12751.6	11555.7	10387.4	9305.5	8274.5	7238.3	6218.6	5198.9	4243.3	3462.0	2857.5



REPORT NUMBER: P627822 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-735-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	11763.9	10695.9	9638.1	8662.4	7697.6	6704.4	5728.4	4765.8	3859.3	3218.7	2690.9
-25°	10764.0	9793.9	8846.0	7948.0	7043.4	6105.5	5203.7	4324.9	3575.4	2989.0	2511.0
-27.5°	9760.0	8881.7	8007.0	7176.9	6325.3	5499.0	4674.9	3878.3	3267.9	2769.3	2343.4
-30°	8767.6	7974.1	7173.6	6381.0	5610.5	4855.9	4119.2	3515.7	2985.2	2534.6	2155.9
-32.5°	7745.3	7055.0	6325.6	5582.6	4883.1	4216.9	3657.2	3148.7	2690.1	2318.4	1988.9
-35°	6751.1	6116.1	5444.9	4806.6	4187.4	3688.5	3214.5	2798.7	2431.9	2102.8	1822.5
-37.5°	5735.9	5162.8	4607.9	4072.8	3630.8	3208.8	2833.9	2494.4	2177.5	1915.7	1674.4
-40°	4779.4	4280.4	3881.8	3488.1	3137.7	2800.5	2504.5	2212.8	1968.1	1737.7	1530.0
-42.5°	3960.6	3610.4	3290.0	2992.9	2705.4	2456.5	2206.7	1979.7	1766.1	1573.1	1400.5
-45°	3298.5	3048.3	2787.7	2569.6	2347.6	2149.1	1949.6	1762.6	1583.2	1425.7	1272.6
-47.5°	2774.2	2588.1	2391.9	2216.7	2050.6	1880.4	1724.9	1563.6	1424.5	1284.3	1156.7
-50°	2346.3	2208.7	2065.1	1923.5	1792.9	1654.0	1525.1	1398.2	1275.8	1159.4	1043.3
-52.5°	1993.6	1894.0	1787.7	1675.1	1571.1	1462.9	1350.2	1248.2	1142.7	1040.2	938.6
-55°	1714.0	1634.6	1554.0	1468.8	1382.0	1293.3	1201.4	1109.7	1018.9	925.5	848.8
-57.5°	1484.3	1417.4	1353.4	1285.8	1214.9	1139.9	1061.5	979.7	905.4	834.8	765.2
-60°	1283.1	1226.8	1175.6	1121.1	1063.3	998.3	934.3	870.0	805.6	744.3	684.6
-62.5°	1101.3	1061.3	1015.2	968.9	923.1	875.2	817.8	761.1	706.5	653.8	604.6
-65°	925.2	891.0	855.3	822.1	785.4	744.6	695.9	651.6	608.8	565.4	524.7
-67.5°	769.1	742.9	714.3	684.6	655.4	622.7	586.9	550.1	515.8	480.3	449.9
-70°	640.6	621.6	599.3	572.9	546.4	519.6	492.3	463.3	432.0	400.3	375.7
-72.5°	533.6	519.6	502.2	480.2	456.8	433.3	409.1	383.4	355.8	326.3	302.8
-75°	440.7	430.3	416.9	397.5	376.9	354.9	333.6	310.2	283.4	253.1	229.4
-77.5°	354.1	347.5	339.0	323.0	306.9	290.6	271.9	244.5	217.4	191.6	174.0
-80°	265.5	262.6	257.5	244.2	230.6	216.8	201.7	180.9	161.0	142.5	128.1
-82.5°	175.1	171.9	167.7	159.6	151.7	144.1	136.2	122.2	108.5	95.1	83.5
-85°	88.7	86.2	83.5	82.2	80.6	78.7	76.3	68.3	60.6	53.3	46.9
-87.5°	25.7	25.7	25.7	26.0	26.2	26.3	26.3	24.3	22.4	20.5	18.7
-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: P627822 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-735-U-WR-VSR-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°	1.3	1.2	1.2	1.1	1.0	0.9	0.9	0.8	0.7	0.6	0.6
85°	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.6	1.5	1.3	1.1
82.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.7
80°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
77.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
75°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
72.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
70°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.1	1.9	1.9	1.9
67.5°	1.9	1.9	1.9	2.0	1.9	1.9	1.9	2.4	2.5	1.9	1.9
65°	1.9	1.9	2.0	2.8	2.6	1.9	1.9	3.6	3.1	2.7	1.9
62.5°	3.7	1.9	4.9	6.6	4.2	3.4	2.8	7.9	5.1	3.6	2.6
60°	8.6	7.0	13.2	20.1	14.5	5.6	8.2	13.5	12.5	4.6	3.6
57.5°	43.6	19.9	29.5	38.4	36.5	20.5	16.6	23.1	21.1	12.3	4.9
55°	90.5	77.0	61.3	60.9	61.7	48.8	34.7	35.8	31.7	22.6	7.2
52.5°	137.6	133.4	118.7	96.7	88.8	80.3	65.7	50.7	47.1	33.7	17.8
50°	196.2	185.5	173.9	151.3	122.6	111.4	96.4	77.5	64.1	47.1	29.4
47.5°	263.2	244.5	227.1	205.2	173.9	144.3	127.5	105.1	82.8	64.6	41.1
45°	367.7	307.1	283.4	258.1	225.9	188.9	159.9	132.4	107.3	82.2	52.9
42.5°	475.1	390.7	341.2	312.7	279.0	237.3	193.5	162.7	131.4	99.8	66.8
40°	583.3	478.7	403.7	368.2	333.8	285.5	236.5	194.4	155.0	118.0	82.0
37.5°	700.1	577.3	475.8	425.8	389.6	337.4	280.1	226.7	179.3	137.8	97.1
35°	845.4	694.1	554.2	492.4	443.9	390.4	323.2	261.9	208.3	157.7	111.9
32.5°	1008.9	823.0	666.6	565.1	499.0	444.3	369.2	301.5	238.0	177.6	126.5
30°	1171.4	955.7	773.2	637.1	557.7	494.8	418.1	341.3	268.4	197.5	141.3
27.5°	1295.5	1070.2	873.1	723.6	622.5	545.1	466.9	381.4	299.3	219.4	157.5
25°	1422.2	1176.2	969.9	808.3	686.1	596.3	513.8	421.4	332.1	244.5	173.4
22.5°	1570.2	1276.9	1051.6	884.7	753.5	648.4	558.6	462.0	365.4	269.4	188.8
20°	1715.0	1369.8	1126.8	974.0	827.1	706.5	602.5	500.6	397.9	293.9	203.7
17.5°	1863.5	1500.2	1251.5	1066.4	903.1	763.9	645.9	537.3	429.5	317.8	218.0
15°	2087.2	1674.6	1377.4	1157.7	976.6	820.2	688.4	571.8	460.0	340.8	230.8
12.5°	2298.0	1838.7	1499.4	1246.9	1047.2	874.8	729.6	604.2	489.0	360.0	241.4
10°	2484.3	1991.5	1616.3	1333.0	1114.2	927.1	769.1	629.6	506.2	375.2	250.9
7.5°	2646.5	2131.7	1726.6	1414.8	1171.4	962.6	789.2	642.9	519.3	388.6	259.3
5°	2770.6	2227.0	1787.2	1447.5	1192.9	978.8	803.5	653.7	529.7	400.0	266.5
2.5°	2811.6	2258.8	1811.2	1466.0	1208.5	990.5	814.6	661.9	537.6	409.4	272.4
0°	2830.5	2274.2	1823.5	1476.5	1218.2	997.6	822.2	667.6	543.1	416.7	277.2
-2.5°	2851.3	2295.1	1840.8	1492.9	1228.3	1007.3	830.3	676.4	551.0	424.9	285.2
-5°	2849.9	2299.1	1846.4	1500.9	1232.3	1012.5	834.9	682.7	556.6	430.8	291.9
-7.5°	2819.7	2281.3	1839.3	1499.3	1230.1	1013.1	836.2	686.4	560.1	434.6	297.1
-10°	2765.9	2244.2	1818.6	1485.7	1222.0	1008.6	834.1	687.5	561.5	436.3	300.9
-12.5°	2690.0	2191.6	1785.3	1463.5	1207.5	999.2	828.0	684.3	560.6	435.8	303.0
-15°	2592.4	2123.8	1739.2	1432.8	1186.5	985.2	818.2	677.7	555.8	432.6	303.4
-17.5°	2474.5	2041.4	1680.4	1393.5	1158.9	966.5	804.8	668.5	549.1	427.0	302.8
-20°	2365.1	1954.7	1612.7	1346.0	1125.0	943.3	787.6	656.8	540.8	420.0	301.4

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Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627822 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-735-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2242.7	1864.7	1552.6	1300.4	1089.0	915.6	766.7	642.5	531.0	411.7	298.7
-25°	2102.8	1762.7	1483.9	1249.7	1054.0	889.1	745.3	625.8	519.7	402.3	294.7
-27.5°	1971.2	1657.4	1407.0	1191.1	1013.5	858.6	724.1	610.3	506.6	391.8	289.5
-30°	1836.9	1565.7	1333.2	1129.8	968.9	824.6	700.2	593.7	491.9	382.5	283.1
-32.5°	1700.5	1465.9	1254.2	1076.7	925.7	788.1	674.2	575.9	476.5	373.4	277.7
-35°	1583.1	1367.6	1169.4	1019.5	881.4	756.9	648.2	557.1	460.6	363.1	271.9
-37.5°	1458.3	1267.9	1103.3	962.7	834.0	722.9	623.3	534.8	444.3	351.5	264.9
-40°	1346.6	1174.9	1032.2	907.9	791.2	686.2	595.5	511.1	429.1	338.8	256.7
-42.5°	1232.7	1090.4	962.9	848.8	748.3	652.5	565.3	485.7	409.4	327.0	247.4
-45°	1133.1	1003.8	891.2	795.2	703.5	615.7	535.7	459.5	388.2	314.9	237.6
-47.5°	1030.1	920.3	824.3	739.2	659.3	577.6	504.5	435.1	366.3	301.4	227.6
-50°	934.0	841.2	761.4	685.2	610.6	541.9	473.3	410.1	346.3	283.7	216.4
-52.5°	848.5	771.3	700.2	630.8	566.7	504.7	445.3	384.6	325.5	266.1	204.0
-55°	773.1	704.2	640.1	580.1	522.7	471.4	416.8	360.6	303.8	247.9	190.7
-57.5°	700.8	638.7	584.3	530.9	481.9	437.4	388.9	335.7	281.9	228.8	178.9
-60°	628.0	578.1	529.6	484.8	442.5	402.1	360.9	310.1	259.3	209.2	164.6
-62.5°	558.3	516.4	479.2	439.8	401.0	365.4	332.0	283.7	235.7	189.8	148.8
-65°	489.9	457.9	427.8	390.8	357.1	327.3	299.6	256.2	210.8	169.1	132.2
-67.5°	422.2	395.8	368.9	338.9	313.9	289.6	265.1	225.8	184.6	147.3	115.6
-70°	353.9	331.5	312.3	293.2	272.5	251.1	226.6	193.1	157.0	126.7	98.3
-72.5°	287.0	273.2	261.7	248.3	230.7	210.4	187.5	160.1	132.1	105.5	80.5
-75°	221.0	218.1	214.7	206.0	189.1	170.2	151.6	130.7	106.6	83.7	65.6
-77.5°	174.1	172.9	170.5	164.4	149.7	134.2	118.1	100.5	82.2	66.5	51.5
-80°	128.9	128.8	127.6	123.9	111.3	98.2	87.0	75.7	62.3	49.4	37.2
-82.5°	84.7	86.0	86.6	85.4	76.9	68.5	60.4	52.4	42.0	32.1	24.8
-85°	48.4	49.3	49.5	48.9	43.7	38.6	35.2	31.7	26.2	21.2	16.7
-87.5°	20.1	21.2	22.1	22.7	21.0	19.3	17.6	15.9	13.2	10.6	8.4
-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: P627822 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-735-U-WR-VSR-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°	0.5	0.4	0.3	0.2	0.2	0.1	0.0
85°	1.0	0.8	0.7	0.5	0.3	0.2	0.0
82.5°	1.5	1.2	1.0	0.7	0.5	0.2	0.0
80°	1.9	1.6	1.3	1.0	0.7	0.3	0.0
77.5°	1.9	1.9	1.6	1.2	0.8	0.4	0.0
75°	1.9	1.9	1.9	1.5	1.0	0.5	0.0
72.5°	1.9	1.9	1.9	1.7	1.1	0.6	0.0
70°	1.9	1.9	1.9	1.9	1.3	0.6	0.0
67.5°	2.1	1.9	1.9	1.9	1.5	0.7	0.0
65°	2.3	2.1	1.9	1.9	1.6	0.8	0.0
62.5°	2.6	2.5	1.9	1.9	1.8	0.9	0.0
60°	3.0	3.0	1.9	1.9	1.9	0.9	0.0
57.5°	5.1	3.6	2.4	1.9	1.9	1.0	0.0
55°	7.8	4.1	3.0	1.9	2.0	1.1	0.0
52.5°	10.9	5.2	3.6	1.9	2.0	1.2	0.0
50°	14.4	8.5	4.2	1.9	2.0	1.2	0.0
47.5°	19.2	12.0	4.9	2.0	2.1	1.3	0.0
45°	29.4	15.7	5.5	2.5	2.1	1.3	0.0
42.5°	39.6	19.6	6.2	3.1	2.2	1.4	0.0
40°	49.7	23.7	8.2	3.7	2.3	1.5	0.0
37.5°	59.7	28.1	11.4	4.5	2.3	1.5	0.0
35°	69.7	34.9	14.7	5.4	2.4	1.6	0.0
32.5°	80.2	42.7	18.0	6.4	2.5	1.6	0.0
30°	92.0	50.4	21.3	7.4	2.6	1.6	0.0
27.5°	103.4	57.8	25.1	8.4	2.7	1.7	0.0
25°	114.5	65.0	28.9	9.6	2.8	1.7	0.0
22.5°	125.0	72.0	32.6	10.7	2.9	1.8	0.0
20°	135.1	78.8	36.2	11.9	3.0	1.8	0.0
17.5°	144.4	85.2	39.7	13.1	3.1	1.8	0.0
15°	153.0	91.1	43.0	14.3	3.2	1.8	0.0
12.5°	160.8	96.7	46.1	15.4	3.3	1.9	0.0
10°	167.9	101.7	49.0	16.6	3.4	1.9	0.0
7.5°	174.3	106.3	51.8	17.7	3.5	1.9	0.0
5°	179.9	110.4	54.3	18.8	3.6	1.9	0.0
2.5°	184.6	113.9	56.5	19.8	3.7	1.9	0.0
0°	188.6	116.9	58.5	20.7	3.8	1.9	0.0
-2.5°	193.7	120.6	61.2	22.0	4.4	2.0	0.0
-5°	198.0	123.7	63.5	23.2	4.9	2.1	0.0
-7.5°	201.3	126.2	65.5	24.3	5.5	2.2	0.0
-10°	203.7	128.0	67.2	25.3	6.0	2.4	0.0
-12.5°	205.2	129.3	68.4	26.1	6.5	2.4	0.0
-15°	205.6	129.9	69.2	26.8	7.0	2.5	0.0
-17.5°	205.0	129.8	69.6	27.3	7.4	2.6	0.0
-20°	204.4	129.1	69.5	27.6	7.8	2.7	0.0

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CATALOG NUMBER: GFLD-SA6B-735-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	204.5	127.7	68.9	27.8	8.1	2.7	0.0
-25°	203.6	127.2	67.9	27.8	8.4	2.8	0.0
-27.5°	201.6	126.6	66.3	27.6	8.7	2.8	0.0
-30°	198.6	125.3	64.4	27.2	8.9	2.9	0.0
-32.5°	194.6	123.1	63.6	26.7	9.0	2.9	0.0
-35°	190.8	120.2	62.3	25.9	9.1	2.9	0.0
-37.5°	186.5	117.0	60.4	24.9	9.1	2.9	0.0
-40°	181.1	114.1	58.0	23.7	9.1	2.8	0.0
-42.5°	174.7	110.6	56.3	22.6	9.0	2.8	0.0
-45°	167.3	106.2	55.2	21.8	8.9	2.7	0.0
-47.5°	158.9	101.2	53.5	20.6	8.7	2.7	0.0
-50°	151.5	95.5	51.3	20.2	8.4	2.6	0.0
-52.5°	143.5	89.1	48.5	19.9	8.1	2.5	0.0
-55°	134.6	83.9	45.1	19.4	7.7	2.4	0.0
-57.5°	124.9	78.2	41.2	18.6	7.2	2.3	0.0
-60°	114.6	71.7	37.0	17.6	6.7	2.2	0.0
-62.5°	104.6	64.5	34.4	16.3	6.3	2.0	0.0
-65°	93.5	56.6	31.4	14.9	5.9	1.9	0.0
-67.5°	81.6	49.6	28.1	13.2	5.4	1.7	0.0
-70°	68.8	43.4	24.4	11.4	4.9	1.5	0.0
-72.5°	58.5	36.9	20.5	10.0	4.4	1.4	0.0
-75°	48.0	29.9	16.3	8.8	3.8	1.2	0.0
-77.5°	37.0	22.5	13.4	7.4	3.2	1.0	0.0
-80°	25.5	17.2	10.9	6.0	2.6	0.8	0.0
-82.5°	18.8	13.0	8.2	4.5	1.9	0.6	0.0
-85°	12.6	8.7	5.5	3.1	1.3	0.4	0.0
-87.5°	6.3	4.4	2.8	1.5	0.7	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)