

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: P627092 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-730-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627092 (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-SA3B-730-U-WR-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (48) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11246.9 lumens
Efficiency: N/A
Efficacy: 120.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')

NEMA Type: 5H x 5V
Max Intensity: 12748.5 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 50.9°H x 47.1°V
Beam Lumens: 5414.9 lumens
Beam Efficiency: 48.1%

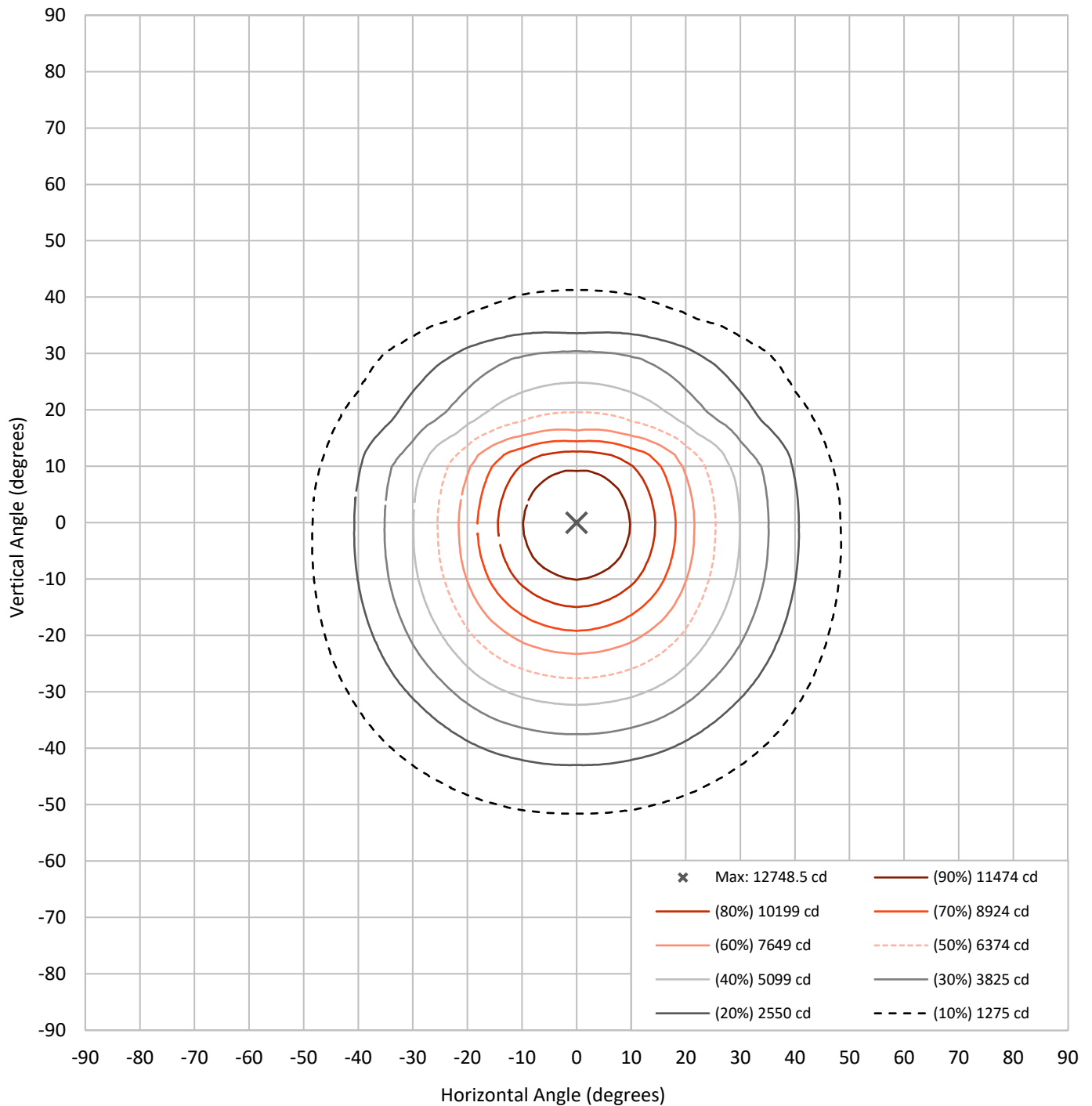
Field Angle (10%): 96.7°H x 92.9°V
Field Lumens: 10069.8 lumens
Field Efficiency: 89.5%

Input Watts (W): 93.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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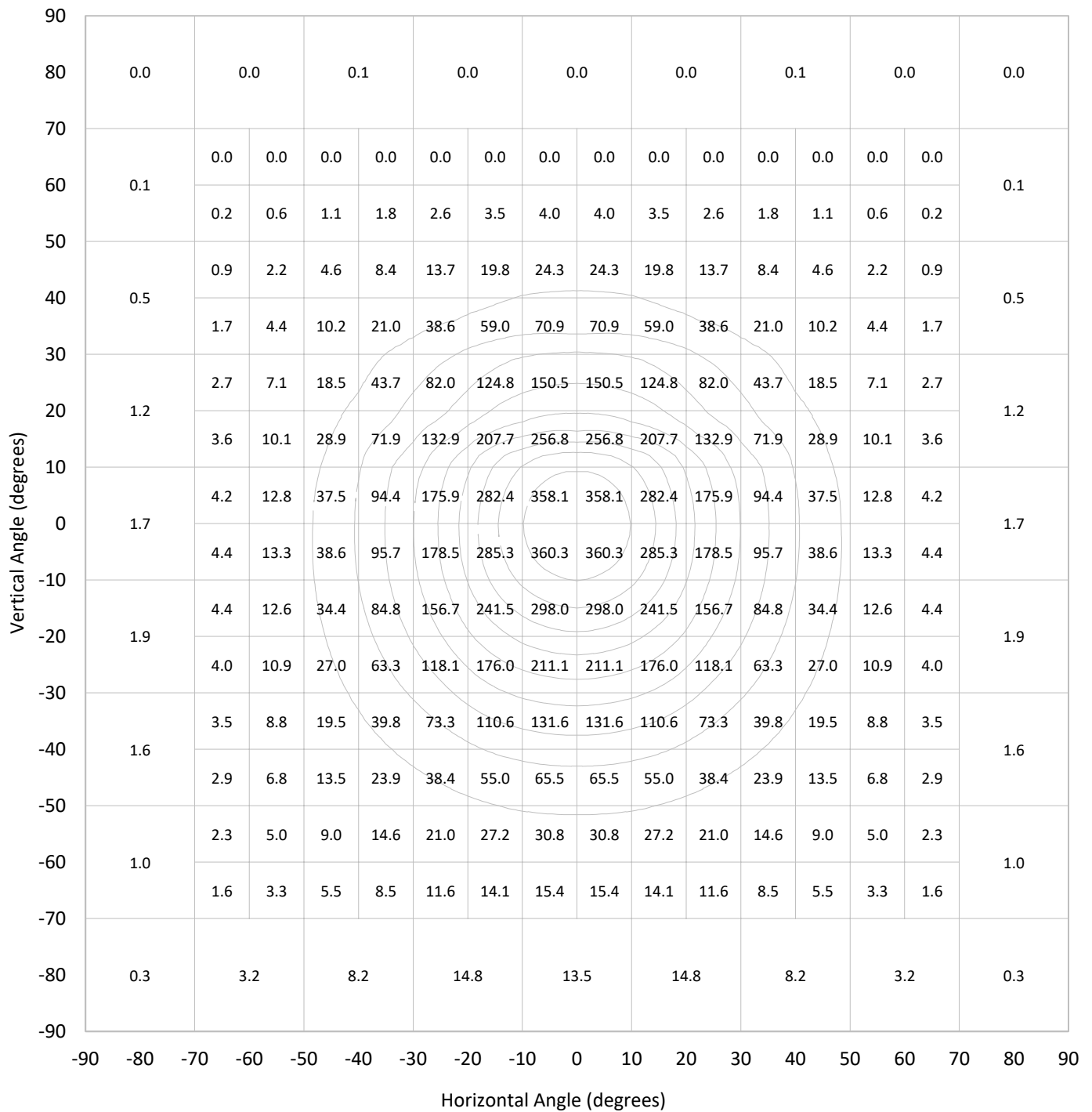
Iso-Candela Plot





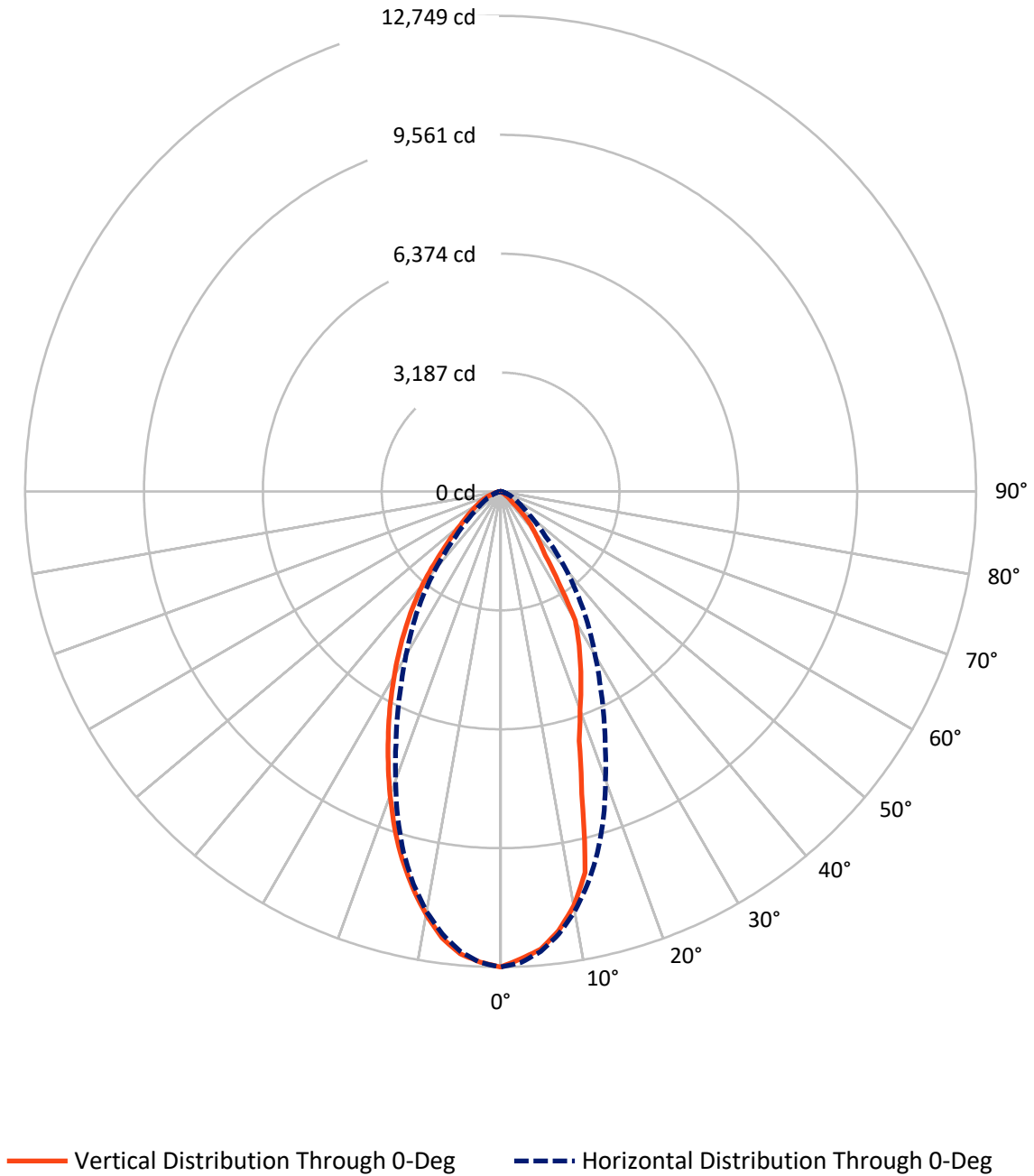
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Lumen Table



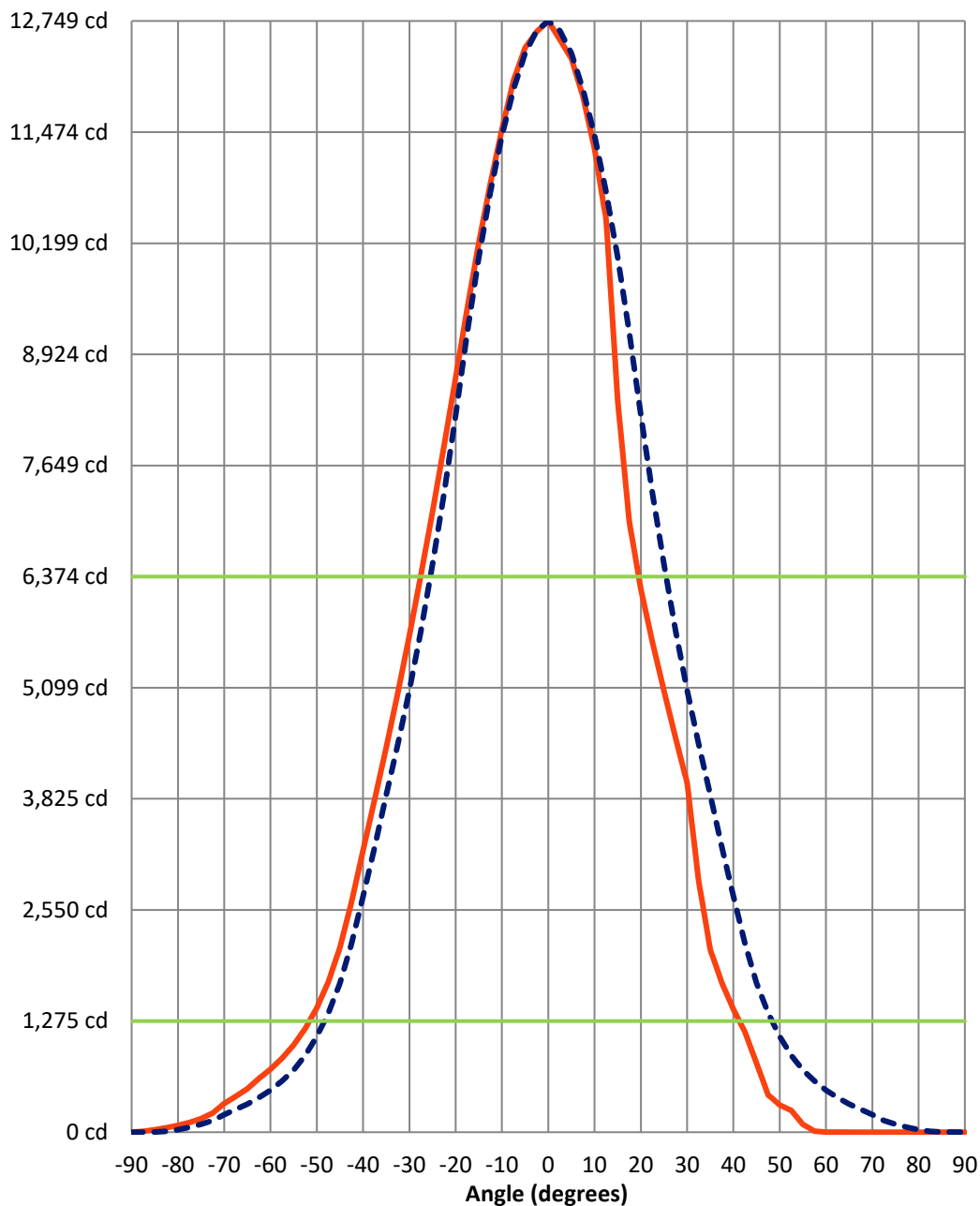
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 5414.9
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 10069.8
 Efficiency: 89.5%

Spill:
 Lumens: 1177.1
 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	0.0	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.4
85°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8
82.5°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	0.9	0.9	0.9
80°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	0.9	0.9	0.9	0.9
77.5°	0.0	0.2	0.4	0.6	0.8	0.9	0.9	0.9	0.9	0.9	0.9
75°	0.0	0.2	0.5	0.7	0.9	0.9	0.9	0.9	0.9	0.9	0.9
72.5°	0.0	0.3	0.5	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9
70°	0.0	0.3	0.6	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0
67.5°	0.0	0.3	0.7	0.9	0.9	0.9	1.0	0.9	0.9	1.2	1.1
65°	0.0	0.4	0.8	0.9	0.9	1.0	1.1	0.9	1.3	1.5	1.7
62.5°	0.0	0.4	0.8	0.9	0.9	1.2	1.2	1.2	1.7	2.4	3.8
60°	0.0	0.4	0.9	0.9	0.9	1.4	1.4	1.7	2.2	6.0	6.5
57.5°	0.0	0.5	0.9	0.9	1.1	1.7	2.4	2.3	5.9	10.2	11.2
55°	0.0	0.5	0.9	0.9	1.4	2.0	3.7	3.4	10.9	15.3	17.3
52.5°	0.0	0.5	0.9	0.9	1.7	2.5	5.2	8.5	16.3	22.8	24.5
50°	0.0	0.6	1.0	0.9	2.0	4.1	6.9	14.2	22.8	31.0	37.4
47.5°	0.0	0.6	1.0	1.0	2.3	5.8	9.2	19.8	31.2	40.0	50.8
45°	0.0	0.6	1.0	1.2	2.7	7.5	14.2	25.5	39.7	51.8	63.9
42.5°	0.0	0.7	1.0	1.5	3.0	9.4	19.1	32.3	48.2	63.5	78.6
40°	0.0	0.7	1.1	1.8	3.9	11.4	24.0	39.6	57.0	74.9	93.9
37.5°	0.0	0.7	1.1	2.2	5.5	13.5	28.8	46.9	66.6	86.6	109.5
35°	0.0	0.7	1.1	2.6	7.1	16.8	33.7	54.0	76.2	100.6	126.5
32.5°	0.0	0.8	1.2	3.1	8.7	20.6	38.7	61.1	85.8	114.9	145.6
30°	0.0	0.8	1.2	3.5	10.3	24.3	44.4	68.2	95.4	129.6	164.8
27.5°	0.0	0.8	1.3	4.1	12.1	27.9	49.9	76.1	105.9	144.5	184.1
25°	0.0	0.8	1.3	4.6	14.0	31.4	55.3	83.7	118.1	160.4	203.5
22.5°	0.0	0.8	1.4	5.2	15.7	34.7	60.4	91.2	130.1	176.5	223.1
20°	0.0	0.8	1.4	5.7	17.5	38.0	65.2	98.4	142.0	192.2	241.7
17.5°	0.0	0.9	1.5	6.3	19.1	41.1	69.7	105.3	153.5	207.4	259.4
15°	0.0	0.9	1.5	6.9	20.7	44.0	73.9	111.4	164.6	222.1	276.1
12.5°	0.0	0.9	1.6	7.5	22.2	46.7	77.7	116.6	173.9	236.1	291.7
10°	0.0	0.9	1.6	8.0	23.7	49.1	81.1	121.2	181.2	244.5	304.0
7.5°	0.0	0.9	1.7	8.6	25.0	51.4	84.2	125.2	187.7	250.8	310.4
5°	0.0	0.9	1.7	9.1	26.2	53.3	86.9	128.7	193.2	255.8	315.7
2.5°	0.0	0.9	1.8	9.6	27.2	55.0	89.2	131.6	197.7	259.6	319.6
0°	0.0	0.9	1.8	10.0	28.2	56.5	91.1	133.9	201.2	262.3	322.4
-2.5°	0.0	1.0	2.1	10.6	29.5	58.3	93.6	137.8	205.1	266.1	326.7
-5°	0.0	1.0	2.3	11.2	30.6	59.8	95.6	141.0	208.0	268.8	329.7
-7.5°	0.0	1.1	2.6	11.7	31.6	61.0	97.2	143.5	209.9	270.5	331.5
-10°	0.0	1.1	2.9	12.2	32.4	61.9	98.4	145.3	210.6	271.1	332.0
-12.5°	0.0	1.2	3.1	12.6	33.0	62.5	99.1	146.3	210.4	270.7	330.5
-15°	0.0	1.2	3.3	12.9	33.4	62.8	99.3	146.5	208.9	268.3	327.3
-17.5°	0.0	1.2	3.5	13.2	33.6	62.7	99.0	146.3	206.2	265.1	322.8
-20°	0.0	1.3	3.7	13.3	33.5	62.4	98.7	145.6	202.8	261.1	317.1

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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	1.3	3.9	13.4	33.3	61.7	98.8	144.2	198.8	256.4	310.2
-25°	0.0	1.3	4.0	13.4	32.8	61.4	98.3	142.3	194.3	250.9	302.2
-27.5°	0.0	1.4	4.2	13.3	32.0	61.2	97.4	139.8	189.2	244.6	294.7
-30°	0.0	1.4	4.3	13.1	31.1	60.5	96.0	136.7	184.7	237.5	286.7
-32.5°	0.0	1.4	4.3	12.8	30.7	59.5	94.0	134.1	180.3	230.1	278.1
-35°	0.0	1.4	4.4	12.5	30.0	58.0	92.2	131.3	175.3	222.4	269.0
-37.5°	0.0	1.4	4.4	12.0	29.1	56.5	90.1	127.9	169.8	214.6	258.3
-40°	0.0	1.4	4.4	11.4	28.0	55.1	87.5	124.0	163.6	207.2	246.8
-42.5°	0.0	1.3	4.3	10.9	27.1	53.4	84.4	119.5	157.9	197.7	234.6
-45°	0.0	1.3	4.3	10.5	26.6	51.3	80.8	114.7	152.1	187.5	221.9
-47.5°	0.0	1.3	4.2	9.9	25.8	48.9	76.7	109.9	145.5	176.9	210.1
-50°	0.0	1.2	4.0	9.8	24.7	46.1	73.1	104.5	137.0	167.2	198.0
-52.5°	0.0	1.2	3.9	9.6	23.4	43.0	69.3	98.5	128.5	157.2	185.7
-55°	0.0	1.2	3.7	9.4	21.8	40.5	65.0	92.1	119.7	146.7	174.1
-57.5°	0.0	1.1	3.5	9.0	19.9	37.7	60.4	86.4	110.5	136.1	162.1
-60°	0.0	1.0	3.2	8.5	17.8	34.6	55.4	79.5	101.0	125.2	149.8
-62.5°	0.0	1.0	3.0	7.9	16.6	31.1	50.5	71.9	91.7	113.8	137.0
-65°	0.0	0.9	2.8	7.2	15.2	27.3	45.2	63.9	81.7	101.8	123.8
-67.5°	0.0	0.8	2.6	6.4	13.6	23.9	39.4	55.8	71.2	89.2	109.1
-70°	0.0	0.7	2.3	5.5	11.8	21.0	33.2	47.5	61.2	75.9	93.3
-72.5°	0.0	0.7	2.1	4.8	9.9	17.8	28.2	38.8	50.9	63.8	77.4
-75°	0.0	0.6	1.8	4.2	7.8	14.4	23.2	31.6	40.4	51.4	63.1
-77.5°	0.0	0.5	1.5	3.6	6.5	10.8	17.8	24.9	32.1	39.7	48.5
-80°	0.0	0.4	1.2	2.9	5.2	8.3	12.3	17.9	23.8	30.0	36.5
-82.5°	0.0	0.3	0.9	2.2	4.0	6.3	9.1	12.0	15.5	20.3	25.3
-85°	0.0	0.2	0.6	1.5	2.7	4.2	6.1	8.0	10.2	12.7	15.3
-87.5°	0.0	0.1	0.3	0.7	1.3	2.1	3.1	4.0	5.1	6.3	7.7
-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: P627092 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-730-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°	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.7
85°	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
82.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
80°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
77.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
75°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
72.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
70°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.7
67.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.5
65°	0.9	0.9	1.2	1.3	0.9	0.9	0.9	0.9	0.9	0.8	0.8
62.5°	1.3	1.6	2.0	3.2	2.4	0.9	1.8	2.1	1.4	1.1	1.2
60°	4.0	2.7	7.0	9.7	6.3	3.4	4.1	8.3	6.8	1.8	4.8
57.5°	8.0	9.9	17.6	18.5	14.2	9.6	21.1	23.4	19.4	12.2	17.5
55°	16.7	23.5	29.8	29.4	29.6	37.2	43.7	42.9	37.9	52.2	65.7
52.5°	31.7	38.8	42.9	46.7	57.4	64.5	66.5	70.5	85.3	103.1	106.3
50°	46.5	53.8	59.2	73.1	84.0	89.6	94.8	108.4	130.8	143.0	144.9
47.5°	61.5	69.7	84.0	99.2	109.7	118.1	127.1	158.0	183.0	193.4	197.2
45°	77.2	91.2	109.1	124.7	136.9	148.3	177.6	219.7	237.4	253.3	293.8
42.5°	93.5	114.6	134.7	151.0	164.8	188.7	229.4	270.3	295.6	329.4	378.2
40°	114.2	137.9	161.2	177.8	195.0	231.2	281.6	324.9	351.6	397.0	452.7
37.5°	135.3	163.0	188.1	205.6	229.8	278.7	338.0	389.8	422.9	459.9	549.4
35°	156.1	188.5	214.4	237.8	267.6	335.1	408.2	465.9	506.8	570.1	683.4
32.5°	178.3	214.5	241.0	272.9	321.9	397.4	487.2	551.2	619.0	710.1	891.6
30°	201.9	238.9	269.3	307.6	373.4	461.5	565.7	646.1	738.2	886.1	1081.8
27.5°	225.5	263.2	300.6	349.4	421.6	516.8	625.6	752.4	871.4	1036.8	1250.7
25°	248.1	288.0	331.3	390.3	468.3	568.0	686.8	833.0	988.4	1177.6	1428.7
22.5°	269.7	313.1	363.8	427.2	507.8	616.6	758.3	930.0	1116.7	1312.7	1601.3
20°	290.9	341.2	399.4	470.4	544.1	661.5	828.2	1036.2	1270.2	1538.7	1821.5
17.5°	311.9	368.9	436.1	515.0	604.3	724.5	899.9	1147.5	1432.3	1781.7	2129.9
15°	332.4	396.0	471.6	559.0	665.1	808.7	1007.9	1280.0	1624.2	2042.6	2455.1
12.5°	352.3	422.4	505.7	602.1	724.1	887.9	1109.7	1403.3	1797.6	2297.5	2804.2
10°	371.3	447.7	538.0	643.7	780.5	961.7	1199.7	1509.9	1928.4	2443.7	3007.2
7.5°	381.1	464.8	565.6	683.2	833.8	1029.4	1278.0	1600.0	2030.7	2561.2	3126.2
5°	388.0	472.6	576.0	699.0	863.1	1075.4	1337.9	1673.7	2106.1	2649.6	3206.9
2.5°	393.3	478.3	583.6	707.9	874.6	1090.8	1357.7	1699.4	2146.4	2695.7	3253.8
0°	397.0	481.7	588.3	713.0	880.6	1098.2	1366.8	1710.1	2163.6	2706.3	3270.9
-2.5°	400.9	486.4	593.2	720.9	888.9	1108.3	1376.9	1717.7	2176.5	2709.3	3280.2
-5°	403.1	488.9	595.1	724.7	891.6	1110.2	1376.1	1710.5	2166.2	2688.0	3260.1
-7.5°	403.8	489.2	594.0	724.0	888.2	1101.6	1361.6	1689.1	2130.9	2645.0	3210.9
-10°	402.8	487.0	590.1	717.4	878.2	1083.7	1335.6	1652.1	2072.8	2573.9	3127.7
-12.5°	399.8	482.5	583.1	706.7	862.1	1058.3	1298.9	1599.4	1992.2	2475.2	3010.4
-15°	395.1	475.7	572.9	691.9	839.9	1025.5	1251.8	1530.9	1888.4	2349.6	2864.4
-17.5°	388.6	466.7	559.6	673.0	811.5	985.8	1194.9	1450.8	1776.5	2209.5	2702.0
-20°	380.3	455.5	543.2	650.0	778.8	943.9	1142.1	1379.8	1671.8	2049.0	2510.5

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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°	370.3	442.2	525.9	628.0	749.8	900.5	1083.0	1299.4	1554.3	1863.6	2301.4
-25°	359.9	429.4	509.0	603.5	716.6	851.2	1015.4	1212.5	1443.3	1726.5	2088.5
-27.5°	349.7	414.7	489.4	575.2	679.4	800.4	951.9	1131.6	1337.3	1578.0	1872.8
-30°	338.1	398.2	467.9	545.6	643.8	756.1	887.1	1041.1	1223.9	1441.5	1697.7
-32.5°	325.5	380.6	447.0	519.9	605.7	707.9	821.2	960.4	1119.6	1299.0	1520.5
-35°	313.0	365.5	425.7	492.3	564.7	660.4	764.5	880.1	1015.4	1174.4	1351.4
-37.5°	301.0	349.1	402.8	464.9	532.8	612.3	704.2	808.6	925.1	1051.6	1204.5
-40°	287.6	331.3	382.1	438.4	498.4	567.4	650.3	738.8	839.1	950.4	1068.6
-42.5°	273.0	315.0	361.3	409.9	465.0	526.5	595.3	676.3	759.6	852.8	956.0
-45°	258.7	297.3	339.7	384.0	430.4	484.7	547.2	614.5	688.4	764.5	851.1
-47.5°	243.6	278.9	318.4	356.9	398.1	444.4	497.4	558.5	620.1	687.9	755.1
-50°	228.5	261.7	294.9	330.8	367.6	406.3	451.1	503.8	559.9	616.1	675.2
-52.5°	215.0	243.7	273.7	304.6	338.1	372.4	409.8	453.3	502.3	551.8	602.8
-55°	201.2	227.7	252.4	280.1	309.1	340.0	373.3	409.9	446.9	492.0	535.9
-57.5°	187.8	211.2	232.7	256.3	282.1	308.4	338.4	369.5	403.1	437.2	473.1
-60°	174.3	194.2	213.7	234.1	255.7	279.1	303.2	330.6	359.4	389.0	420.1
-62.5°	160.3	176.5	193.6	212.3	231.4	249.4	269.6	291.9	315.7	341.1	367.5
-65°	144.7	158.1	172.4	188.7	206.6	221.1	236.6	253.4	273.0	294.0	314.7
-67.5°	128.0	139.9	151.6	163.7	178.2	191.1	203.9	217.2	231.9	249.0	265.6
-70°	109.5	121.3	131.6	141.6	150.8	160.1	170.9	181.4	193.2	208.6	223.7
-72.5°	90.6	101.6	111.4	119.9	126.4	131.9	138.5	146.2	157.5	171.8	185.1
-75°	73.3	82.2	91.3	99.5	103.7	105.3	106.7	110.7	122.2	136.8	149.7
-77.5°	57.0	64.8	72.3	79.4	82.3	83.5	84.1	84.0	92.5	104.9	118.0
-80°	42.0	47.4	53.7	59.8	61.6	62.2	62.3	61.9	68.8	77.8	87.3
-82.5°	29.2	33.1	37.1	41.3	41.8	41.5	40.9	40.3	45.9	52.4	59.0
-85°	17.0	18.6	21.1	23.6	23.9	23.8	23.3	22.6	25.7	29.3	33.0
-87.5°	8.5	9.3	10.1	11.0	10.7	10.2	9.7	9.0	9.9	10.8	11.7
-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: P627092 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-730-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°	0.7	0.6	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.9	0.7	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.9	0.7	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.9	0.7	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.9	0.7	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.9	0.8	0.5	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.9	0.8	0.5	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.4	0.5	0.5	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.9	0.9	0.7	0.4	0.2	0.2	0.2	0.2	0.1	0.0	0.0
62.5°	1.2	1.1	0.8	0.8	0.8	0.9	0.7	0.6	0.6	0.6	0.7
60°	5.1	2.9	3.0	3.8	3.2	1.5	3.0	3.7	3.5	2.6	2.3
57.5°	26.1	21.9	15.3	25.6	26.4	18.4	19.9	26.0	25.2	19.5	19.4
55°	65.9	66.8	71.7	78.2	83.0	85.2	87.2	97.0	107.4	117.7	122.8
52.5°	108.8	121.5	137.3	147.8	155.1	170.1	191.1	200.8	210.1	220.8	228.5
50°	160.2	182.3	198.2	200.5	225.5	241.7	245.5	263.6	283.3	295.5	304.3
47.5°	238.3	266.3	280.1	289.0	319.4	352.6	352.7	363.1	412.4	438.2	450.7
45°	343.3	366.6	391.1	454.7	513.2	531.8	571.5	625.3	660.3	708.4	761.3
42.5°	432.7	476.4	537.8	607.8	666.5	715.3	774.3	839.0	916.7	989.8	1052.8
40°	521.1	575.3	651.2	727.5	801.3	869.0	964.1	1047.2	1138.9	1239.4	1323.2
37.5°	636.5	705.9	784.4	880.5	995.4	1070.5	1201.3	1320.9	1424.1	1545.5	1620.3
35°	813.7	904.2	973.7	1168.0	1307.7	1395.5	1550.5	1746.9	1822.3	1975.1	2047.7
32.5°	1036.6	1156.8	1339.8	1597.0	1783.6	1945.3	2176.8	2376.2	2546.1	2699.6	2859.2
30°	1287.0	1472.5	1742.1	2083.9	2273.5	2499.9	2813.1	3049.4	3315.9	3608.3	3710.7
27.5°	1514.3	1792.0	2105.1	2381.9	2654.3	2936.3	3244.0	3547.6	3836.0	4079.3	4242.6
25°	1724.9	2061.3	2365.6	2661.4	2956.5	3274.1	3622.1	3966.4	4283.7	4534.1	4724.5
22.5°	1942.1	2297.5	2623.0	2923.2	3266.4	3626.3	3996.4	4391.4	4752.5	5012.3	5219.7
20°	2146.3	2541.7	2912.9	3254.7	3579.2	3994.7	4420.8	4839.7	5233.0	5542.5	5781.6
17.5°	2470.6	2813.7	3267.5	3711.5	4077.0	4458.7	5028.1	5460.5	5896.9	6267.5	6521.0
15°	2868.7	3246.1	3714.6	4324.4	4825.2	5262.5	5850.8	6554.1	7068.9	7542.0	7866.6
12.5°	3267.2	3694.0	4200.8	4887.0	5600.1	6115.2	6828.8	7720.1	8319.7	9052.2	9413.3
10°	3572.6	4108.5	4630.4	5256.7	5941.5	6675.0	7444.3	8278.2	9079.3	9708.3	10270.6
7.5°	3695.6	4266.4	4870.6	5509.5	6194.3	6951.3	7771.3	8639.0	9463.5	10166.0	10783.9
5°	3787.5	4372.4	4980.5	5633.9	6365.9	7156.4	7988.6	8899.6	9741.6	10494.6	11126.8
2.5°	3845.9	4436.3	5041.8	5706.1	6476.0	7289.9	8148.9	9084.0	9938.7	10713.8	11343.9
0°	3868.3	4450.1	5070.3	5754.1	6516.3	7332.2	8228.3	9174.4	10035.8	10785.2	11433.6
-2.5°	3871.3	4437.2	5072.1	5752.7	6482.0	7305.4	8212.3	9150.6	9994.5	10740.9	11395.0
-5°	3840.9	4406.6	5042.1	5712.3	6442.6	7259.9	8127.9	9034.5	9839.4	10565.8	11195.6
-7.5°	3779.3	4343.4	4964.9	5619.8	6330.3	7123.1	7956.7	8799.6	9589.3	10286.0	10887.0
-10°	3687.9	4240.2	4840.1	5478.2	6150.5	6904.6	7699.5	8504.8	9245.3	9889.6	10445.4
-12.5°	3564.1	4103.7	4676.5	5285.7	5911.5	6630.5	7381.0	8137.3	8812.2	9400.4	9899.1
-15°	3403.4	3930.3	4485.0	5061.1	5668.0	6318.2	6991.7	7685.5	8307.9	8829.5	9285.1
-17.5°	3214.0	3725.1	4251.9	4785.9	5361.8	5971.8	6597.0	7219.7	7750.6	8214.0	8630.6
-20°	3002.9	3495.3	3995.7	4493.5	5016.0	5580.2	6157.6	6704.6	7168.6	7589.6	7970.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627092 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-730-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°	2766.2	3237.5	3717.1	4183.0	4654.2	5165.0	5680.7	6175.4	6609.3	6969.5	7300.8
-25°	2512.8	2948.3	3401.1	3838.0	4271.6	4729.4	5197.9	5653.0	6034.9	6347.6	6621.4
-27.5°	2257.5	2655.4	3054.4	3465.7	3866.5	4288.9	4713.0	5106.1	5449.0	5737.0	5967.0
-30°	1989.1	2344.9	2709.3	3081.4	3464.1	3850.6	4233.9	4578.0	4877.3	5130.6	5329.4
-32.5°	1766.0	2036.3	2358.0	2695.8	3054.6	3406.8	3740.1	4053.8	4335.9	4557.0	4725.6
-35°	1552.3	1781.1	2022.0	2321.1	2629.3	2953.4	3260.1	3540.0	3791.4	3984.7	4143.3
-37.5°	1368.5	1549.5	1753.3	1966.7	2225.1	2493.1	2769.8	3033.1	3257.3	3425.9	3567.6
-40°	1209.4	1352.3	1515.1	1684.4	1874.5	2067.0	2307.9	2530.2	2713.2	2870.7	2999.0
-42.5°	1065.6	1186.2	1306.4	1445.2	1588.7	1743.4	1912.5	2076.9	2217.3	2349.2	2458.2
-45°	941.5	1037.8	1133.6	1240.8	1346.1	1472.0	1592.8	1700.6	1814.4	1913.1	1990.8
-47.5°	832.9	908.0	990.2	1070.4	1155.0	1249.7	1339.6	1421.7	1505.0	1577.3	1635.2
-50°	736.5	798.7	865.8	928.9	997.2	1066.5	1133.0	1198.3	1261.6	1316.5	1359.3
-52.5°	652.0	706.4	758.7	808.9	863.3	914.6	962.7	1016.6	1066.1	1109.4	1138.7
-55°	580.1	624.5	667.4	709.3	750.4	789.3	827.7	869.5	907.7	942.1	963.9
-57.5°	512.6	550.4	586.7	620.9	653.5	684.4	716.8	748.9	778.4	804.3	821.2
-60°	451.2	482.1	513.4	541.4	567.7	592.4	619.6	645.3	669.1	689.1	700.7
-62.5°	394.9	422.6	445.8	467.9	490.3	512.5	531.8	550.8	569.2	584.6	594.8
-65°	336.1	359.6	379.3	397.0	413.0	430.3	446.8	461.7	474.9	484.9	491.4
-67.5°	283.4	300.7	316.5	330.6	344.9	358.7	371.4	382.7	392.7	399.7	404.3
-70°	237.7	250.9	263.8	276.6	289.4	300.1	309.3	317.8	325.5	328.7	330.1
-72.5°	197.5	209.2	220.6	231.9	242.5	250.9	257.7	263.9	269.5	264.7	256.3
-75°	161.0	171.4	182.0	192.0	201.3	207.8	212.8	217.4	221.6	211.2	196.9
-77.5°	131.3	140.3	148.2	156.0	163.7	167.8	171.0	174.1	177.1	165.5	150.8
-80°	97.4	104.7	111.4	117.9	124.4	126.8	128.2	129.2	129.7	119.8	108.3
-82.5°	65.8	69.6	73.2	77.0	81.0	83.0	84.6	85.8	86.6	79.6	71.6
-85°	36.9	38.0	38.9	39.7	40.3	41.6	42.8	44.0	45.0	41.7	38.0
-87.5°	12.7	12.7	12.6	12.6	12.4	12.4	12.4	12.4	12.3	11.7	11.2
-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: P627092 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-730-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	0.1	0.2
62.5°	0.8	0.9	0.9	0.9	0.9	0.9	0.8	0.7	0.6	0.6	0.6
60°	1.8	1.1	0.9	0.9	0.9	1.1	1.8	2.3	2.6	3.5	3.7
57.5°	18.1	15.8	14.2	12.7	14.2	15.8	18.1	19.4	19.5	25.2	26.0
55°	120.6	112.3	102.1	90.2	102.1	112.3	120.6	122.8	117.7	107.4	97.0
52.5°	236.6	244.4	249.0	248.6	249.0	244.4	236.6	228.5	220.8	210.1	200.8
50°	311.4	315.7	315.9	312.3	315.9	315.7	311.4	304.3	295.5	283.3	263.6
47.5°	456.3	450.2	440.0	428.9	440.0	450.2	456.3	450.7	438.2	412.4	363.1
45°	796.1	815.3	814.0	789.5	814.0	815.3	796.1	761.3	708.4	660.3	625.3
42.5°	1088.0	1116.7	1137.0	1147.4	1137.0	1116.7	1088.0	1052.8	989.8	916.7	839.0
40°	1370.4	1398.1	1410.3	1409.6	1410.3	1398.1	1370.4	1323.2	1239.4	1138.9	1047.2
37.5°	1668.7	1704.6	1722.1	1713.8	1722.1	1704.6	1668.7	1620.3	1545.5	1424.1	1320.9
35°	2079.1	2112.7	2113.3	2096.2	2113.3	2112.7	2079.1	2047.7	1975.1	1822.3	1746.9
32.5°	2986.0	2997.2	2910.9	2880.3	2910.9	2997.2	2986.0	2859.2	2699.6	2546.1	2376.2
30°	3812.6	3892.4	3966.6	4003.9	3966.6	3892.4	3812.6	3710.7	3608.3	3315.9	3049.4
27.5°	4365.7	4461.6	4521.0	4524.8	4521.0	4461.6	4365.7	4242.6	4079.3	3836.0	3547.6
25°	4868.7	4976.0	5040.8	5063.0	5040.8	4976.0	4868.7	4724.5	4534.1	4283.7	3966.4
22.5°	5395.7	5522.1	5605.8	5623.0	5605.8	5522.1	5395.7	5219.7	5012.3	4752.5	4391.4
20°	6007.2	6154.3	6234.6	6231.3	6234.6	6154.3	6007.2	5781.6	5542.5	5233.0	4839.7
17.5°	6812.2	6969.9	7039.2	7008.9	7039.2	6969.9	6812.2	6521.0	6267.5	5896.9	5460.5
15°	8199.8	8529.7	8528.4	8396.7	8528.4	8529.7	8199.8	7866.6	7542.0	7068.9	6554.1
12.5°	9911.3	10157.3	10409.6	10463.8	10409.6	10157.3	9911.3	9413.3	9052.2	8319.7	7720.1
10°	10744.1	11070.7	11286.3	11280.6	11286.3	11070.7	10744.1	10270.6	9708.3	9079.3	8278.2
7.5°	11265.2	11626.0	11887.2	11881.6	11887.2	11626.0	11265.2	10783.9	10166.0	9463.5	8639.0
5°	11667.3	12067.5	12298.8	12316.0	12298.8	12067.5	11667.3	11126.8	10494.6	9741.6	8899.6
2.5°	11876.2	12293.9	12572.1	12535.4	12572.1	12293.9	11876.2	11343.9	10713.8	9938.7	9084.0
0°	11963.6	12377.0	12636.5	12748.5	12636.5	12377.0	11963.6	11433.6	10785.2	10035.8	9174.4
-2.5°	11925.4	12327.7	12614.5	12625.6	12614.5	12327.7	11925.4	11395.0	10740.9	9994.5	9150.6
-5°	11721.1	12145.6	12337.8	12439.8	12337.8	12145.6	11721.1	11195.6	10565.8	9839.4	9034.5
-7.5°	11391.6	11709.6	11953.8	12066.5	11953.8	11709.6	11391.6	10887.0	10286.0	9589.3	8799.6
-10°	10878.7	11208.1	11414.3	11507.4	11414.3	11208.1	10878.7	10445.4	9889.6	9245.3	8504.8
-12.5°	10310.6	10609.9	10806.0	10884.5	10806.0	10609.9	10310.6	9899.1	9400.4	8812.2	8137.3
-15°	9676.7	9948.5	10129.0	10204.3	10129.0	9948.5	9676.7	9285.1	8829.5	8307.9	7685.5
-17.5°	8979.0	9217.1	9397.0	9451.2	9397.0	9217.1	8979.0	8630.6	8214.0	7750.6	7219.7
-20°	8261.5	8476.8	8624.9	8657.1	8624.9	8476.8	8261.5	7970.8	7589.6	7168.6	6704.6



REPORT NUMBER: P627092 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-730-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°	7538.6	7715.9	7836.3	7876.8	7836.3	7715.9	7538.6	7300.8	6969.5	6609.3	6175.4
-25°	6832.1	6985.1	7082.0	7118.2	7082.0	6985.1	6832.1	6621.4	6347.6	6034.9	5653.0
-27.5°	6152.6	6295.2	6384.2	6396.1	6384.2	6295.2	6152.6	5967.0	5737.0	5449.0	5106.1
-30°	5484.0	5601.9	5670.4	5699.5	5670.4	5601.9	5484.0	5329.4	5130.6	4877.3	4578.0
-32.5°	4859.2	4962.2	5023.8	5040.2	5023.8	4962.2	4859.2	4725.6	4557.0	4335.9	4053.8
-35°	4269.4	4364.4	4419.0	4414.6	4419.0	4364.4	4269.4	4143.3	3984.7	3791.4	3540.0
-37.5°	3684.6	3772.4	3821.9	3817.3	3821.9	3772.4	3684.6	3567.6	3425.9	3257.3	3033.1
-40°	3104.6	3180.2	3223.9	3234.5	3223.9	3180.2	3104.6	2999.0	2870.7	2713.2	2530.2
-42.5°	2548.8	2618.7	2653.6	2639.9	2653.6	2618.7	2548.8	2458.2	2349.2	2217.3	2076.9
-45°	2045.2	2081.3	2105.1	2119.9	2105.1	2081.3	2045.2	1990.8	1913.1	1814.4	1700.6
-47.5°	1677.6	1707.5	1723.7	1726.5	1723.7	1707.5	1677.6	1635.2	1577.3	1505.0	1421.7
-50°	1392.5	1417.9	1429.2	1426.0	1429.2	1417.9	1392.5	1359.3	1316.5	1261.6	1198.3
-52.5°	1159.7	1174.4	1184.4	1189.3	1184.4	1174.4	1159.7	1138.7	1109.4	1066.1	1016.6
-55°	980.3	991.8	998.5	1000.8	998.5	991.8	980.3	963.9	942.1	907.7	869.5
-57.5°	835.2	846.2	850.2	848.7	850.2	846.2	835.2	821.2	804.3	778.4	748.9
-60°	709.7	715.9	720.6	723.0	720.6	715.9	709.7	700.7	689.1	669.1	645.3
-62.5°	602.8	608.7	613.6	616.5	613.6	608.7	602.8	594.8	584.6	569.2	550.8
-65°	495.9	498.4	499.2	498.1	499.2	498.4	495.9	491.4	484.9	474.9	461.7
-67.5°	407.7	409.9	411.4	411.6	411.4	409.9	407.7	404.3	399.7	392.7	382.7
-70°	331.5	332.4	331.3	328.7	331.3	332.4	331.5	330.1	328.7	325.5	317.8
-72.5°	247.6	238.5	229.5	219.5	229.5	238.5	247.6	256.3	264.7	269.5	263.9
-75°	182.0	166.6	161.1	155.7	161.1	166.6	182.0	196.9	211.2	221.6	217.4
-77.5°	135.4	119.4	115.1	111.1	115.1	119.4	135.4	150.8	165.5	177.1	174.1
-80°	96.2	83.7	81.0	78.3	81.0	83.7	96.2	108.3	119.8	129.7	129.2
-82.5°	63.2	54.5	52.7	51.0	52.7	54.5	63.2	71.6	79.6	86.6	85.8
-85°	34.1	30.0	29.1	28.2	29.1	30.0	34.1	38.0	41.7	45.0	44.0
-87.5°	10.6	10.0	10.0	10.0	10.0	10.0	10.6	11.2	11.7	12.3	12.4
-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: P627092 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-730-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	0.2	0.4	0.6	0.7	0.7	0.7	0.7	0.6
85°	0.0	0.0	0.0	0.2	0.5	0.7	0.9	0.9	0.9	0.9	0.9
82.5°	0.0	0.0	0.0	0.2	0.5	0.7	0.9	0.9	0.9	0.9	0.9
80°	0.0	0.0	0.0	0.3	0.5	0.7	0.9	0.9	0.9	0.9	0.9
77.5°	0.0	0.0	0.0	0.3	0.5	0.7	0.9	0.9	0.9	0.9	0.9
75°	0.0	0.0	0.1	0.3	0.5	0.8	0.9	0.9	0.9	0.9	0.9
72.5°	0.0	0.0	0.1	0.3	0.5	0.8	0.9	0.9	0.9	0.9	0.9
70°	0.0	0.0	0.0	0.0	0.1	0.2	0.5	0.7	0.9	0.9	0.9
67.5°	0.0	0.0	0.2	0.4	0.5	0.5	0.4	0.5	0.7	0.9	0.9
65°	0.2	0.2	0.2	0.4	0.7	0.9	0.9	0.8	0.8	0.9	0.9
62.5°	0.7	0.9	0.8	0.8	0.8	1.1	1.2	1.2	1.1	1.4	2.1
60°	3.0	1.5	3.2	3.8	3.0	2.9	5.1	4.8	1.8	6.8	8.3
57.5°	19.9	18.4	26.4	25.6	15.3	21.9	26.1	17.5	12.2	19.4	23.4
55°	87.2	85.2	83.0	78.2	71.7	66.8	65.9	65.7	52.2	37.9	42.9
52.5°	191.1	170.1	155.1	147.8	137.3	121.5	108.8	106.3	103.1	85.3	70.5
50°	245.5	241.7	225.5	200.5	198.2	182.3	160.2	144.9	143.0	130.8	108.4
47.5°	352.7	352.6	319.4	289.0	280.1	266.3	238.3	197.2	193.4	183.0	158.0
45°	571.5	531.8	513.2	454.7	391.1	366.6	343.3	293.8	253.3	237.4	219.7
42.5°	774.3	715.3	666.5	607.8	537.8	476.4	432.7	378.2	329.4	295.6	270.3
40°	964.1	869.0	801.3	727.5	651.2	575.3	521.1	452.7	397.0	351.6	324.9
37.5°	1201.3	1070.5	995.4	880.5	784.4	705.9	636.5	549.4	459.9	422.9	389.8
35°	1550.5	1395.5	1307.7	1168.0	973.7	904.2	813.7	683.4	570.1	506.8	465.9
32.5°	2176.8	1945.3	1783.6	1597.0	1339.8	1156.8	1036.6	891.6	710.1	619.0	551.2
30°	2813.1	2499.9	2273.5	2083.9	1742.1	1472.5	1287.0	1081.8	886.1	738.2	646.1
27.5°	3244.0	2936.3	2654.3	2381.9	2105.1	1792.0	1514.3	1250.7	1036.8	871.4	752.4
25°	3622.1	3274.1	2956.5	2661.4	2365.6	2061.3	1724.9	1428.7	1177.6	988.4	833.0
22.5°	3996.4	3626.3	3266.4	2923.2	2623.0	2297.5	1942.1	1601.3	1312.7	1116.7	930.0
20°	4420.8	3994.7	3579.2	3254.7	2912.9	2541.7	2146.3	1821.5	1538.7	1270.2	1036.2
17.5°	5028.1	4458.7	4077.0	3711.5	3267.5	2813.7	2470.6	2129.9	1781.7	1432.3	1147.5
15°	5850.8	5262.5	4825.2	4324.4	3714.6	3246.1	2868.7	2455.1	2042.6	1624.2	1280.0
12.5°	6828.8	6115.2	5600.1	4887.0	4200.8	3694.0	3267.2	2804.2	2297.5	1797.6	1403.3
10°	7444.3	6675.0	5941.5	5256.7	4630.4	4108.5	3572.6	3007.2	2443.7	1928.4	1509.9
7.5°	7771.3	6951.3	6194.3	5509.5	4870.6	4266.4	3695.6	3126.2	2561.2	2030.7	1600.0
5°	7988.6	7156.4	6365.9	5633.9	4980.5	4372.4	3787.5	3206.9	2649.6	2106.1	1673.7
2.5°	8148.9	7289.9	6476.0	5706.1	5041.8	4436.3	3845.9	3253.8	2695.7	2146.4	1699.4
0°	8228.3	7332.2	6516.3	5754.1	5070.3	4450.1	3868.3	3270.9	2706.3	2163.6	1710.1
-2.5°	8212.3	7305.4	6482.0	5752.7	5072.1	4437.2	3871.3	3280.2	2709.3	2176.5	1717.7
-5°	8127.9	7259.9	6442.6	5712.3	5042.1	4406.6	3840.9	3260.1	2688.0	2166.2	1710.5
-7.5°	7956.7	7123.1	6330.3	5619.8	4964.9	4343.4	3779.3	3210.9	2645.0	2130.9	1689.1
-10°	7699.5	6904.6	6150.5	5478.2	4840.1	4240.2	3687.9	3127.7	2573.9	2072.8	1652.1
-12.5°	7381.0	6630.5	5911.5	5285.7	4676.5	4103.7	3564.1	3010.4	2475.2	1992.2	1599.4
-15°	6991.7	6318.2	5668.0	5061.1	4485.0	3930.3	3403.4	2864.4	2349.6	1888.4	1530.9
-17.5°	6597.0	5971.8	5361.8	4785.9	4251.9	3725.1	3214.0	2702.0	2209.5	1776.5	1450.8
-20°	6157.6	5580.2	5016.0	4493.5	3995.7	3495.3	3002.9	2510.5	2049.0	1671.8	1379.8



REPORT NUMBER: P627092 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-730-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°	5680.7	5165.0	4654.2	4183.0	3717.1	3237.5	2766.2	2301.4	1863.6	1554.3	1299.4
-25°	5197.9	4729.4	4271.6	3838.0	3401.1	2948.3	2512.8	2088.5	1726.5	1443.3	1212.5
-27.5°	4713.0	4288.9	3866.5	3465.7	3054.4	2655.4	2257.5	1872.8	1578.0	1337.3	1131.6
-30°	4233.9	3850.6	3464.1	3081.4	2709.3	2344.9	1989.1	1697.7	1441.5	1223.9	1041.1
-32.5°	3740.1	3406.8	3054.6	2695.8	2358.0	2036.3	1766.0	1520.5	1299.0	1119.6	960.4
-35°	3260.1	2953.4	2629.3	2321.1	2022.0	1781.1	1552.3	1351.4	1174.4	1015.4	880.1
-37.5°	2769.8	2493.1	2225.1	1966.7	1753.3	1549.5	1368.5	1204.5	1051.6	925.1	808.6
-40°	2307.9	2067.0	1874.5	1684.4	1515.1	1352.3	1209.4	1068.6	950.4	839.1	738.8
-42.5°	1912.5	1743.4	1588.7	1445.2	1306.4	1186.2	1065.6	956.0	852.8	759.6	676.3
-45°	1592.8	1472.0	1346.1	1240.8	1133.6	1037.8	941.5	851.1	764.5	688.4	614.5
-47.5°	1339.6	1249.7	1155.0	1070.4	990.2	908.0	832.9	755.1	687.9	620.1	558.5
-50°	1133.0	1066.5	997.2	928.9	865.8	798.7	736.5	675.2	616.1	559.9	503.8
-52.5°	962.7	914.6	863.3	808.9	758.7	706.4	652.0	602.8	551.8	502.3	453.3
-55°	827.7	789.3	750.4	709.3	667.4	624.5	580.1	535.9	492.0	446.9	409.9
-57.5°	716.8	684.4	653.5	620.9	586.7	550.4	512.6	473.1	437.2	403.1	369.5
-60°	619.6	592.4	567.7	541.4	513.4	482.1	451.2	420.1	389.0	359.4	330.6
-62.5°	531.8	512.5	490.3	467.9	445.8	422.6	394.9	367.5	341.1	315.7	291.9
-65°	446.8	430.3	413.0	397.0	379.3	359.6	336.1	314.7	294.0	273.0	253.4
-67.5°	371.4	358.7	344.9	330.6	316.5	300.7	283.4	265.6	249.0	231.9	217.2
-70°	309.3	300.1	289.4	276.6	263.8	250.9	237.7	223.7	208.6	193.2	181.4
-72.5°	257.7	250.9	242.5	231.9	220.6	209.2	197.5	185.1	171.8	157.5	146.2
-75°	212.8	207.8	201.3	192.0	182.0	171.4	161.0	149.7	136.8	122.2	110.7
-77.5°	171.0	167.8	163.7	156.0	148.2	140.3	131.3	118.0	104.9	92.5	84.0
-80°	128.2	126.8	124.4	117.9	111.4	104.7	97.4	87.3	77.8	68.8	61.9
-82.5°	84.6	83.0	81.0	77.0	73.2	69.6	65.8	59.0	52.4	45.9	40.3
-85°	42.8	41.6	40.3	39.7	38.9	38.0	36.9	33.0	29.3	25.7	22.6
-87.5°	12.4	12.4	12.4	12.6	12.6	12.7	12.7	11.7	10.8	9.9	9.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627092 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-730-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°	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.3
85°	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.7	0.6	0.5
82.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8
80°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
77.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
75°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
72.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
70°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	0.9	0.9	0.9
67.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.1	1.2	0.9	0.9
65°	0.9	0.9	0.9	1.3	1.2	0.9	0.9	1.7	1.5	1.3	0.9
62.5°	1.8	0.9	2.4	3.2	2.0	1.6	1.3	3.8	2.4	1.7	1.2
60°	4.1	3.4	6.3	9.7	7.0	2.7	4.0	6.5	6.0	2.2	1.7
57.5°	21.1	9.6	14.2	18.5	17.6	9.9	8.0	11.2	10.2	5.9	2.3
55°	43.7	37.2	29.6	29.4	29.8	23.5	16.7	17.3	15.3	10.9	3.4
52.5°	66.5	64.5	57.4	46.7	42.9	38.8	31.7	24.5	22.8	16.3	8.5
50°	94.8	89.6	84.0	73.1	59.2	53.8	46.5	37.4	31.0	22.8	14.2
47.5°	127.1	118.1	109.7	99.2	84.0	69.7	61.5	50.8	40.0	31.2	19.8
45°	177.6	148.3	136.9	124.7	109.1	91.2	77.2	63.9	51.8	39.7	25.5
42.5°	229.4	188.7	164.8	151.0	134.7	114.6	93.5	78.6	63.5	48.2	32.3
40°	281.6	231.2	195.0	177.8	161.2	137.9	114.2	93.9	74.9	57.0	39.6
37.5°	338.0	278.7	229.8	205.6	188.1	163.0	135.3	109.5	86.6	66.6	46.9
35°	408.2	335.1	267.6	237.8	214.4	188.5	156.1	126.5	100.6	76.2	54.0
32.5°	487.2	397.4	321.9	272.9	241.0	214.5	178.3	145.6	114.9	85.8	61.1
30°	565.7	461.5	373.4	307.6	269.3	238.9	201.9	164.8	129.6	95.4	68.2
27.5°	625.6	516.8	421.6	349.4	300.6	263.2	225.5	184.1	144.5	105.9	76.1
25°	686.8	568.0	468.3	390.3	331.3	288.0	248.1	203.5	160.4	118.1	83.7
22.5°	758.3	616.6	507.8	427.2	363.8	313.1	269.7	223.1	176.5	130.1	91.2
20°	828.2	661.5	544.1	470.4	399.4	341.2	290.9	241.7	192.2	142.0	98.4
17.5°	899.9	724.5	604.3	515.0	436.1	368.9	311.9	259.4	207.4	153.5	105.3
15°	1007.9	808.7	665.1	559.0	471.6	396.0	332.4	276.1	222.1	164.6	111.4
12.5°	1109.7	887.9	724.1	602.1	505.7	422.4	352.3	291.7	236.1	173.9	116.6
10°	1199.7	961.7	780.5	643.7	538.0	447.7	371.3	304.0	244.5	181.2	121.2
7.5°	1278.0	1029.4	833.8	683.2	565.6	464.8	381.1	310.4	250.8	187.7	125.2
5°	1337.9	1075.4	863.1	699.0	576.0	472.6	388.0	315.7	255.8	193.2	128.7
2.5°	1357.7	1090.8	874.6	707.9	583.6	478.3	393.3	319.6	259.6	197.7	131.6
0°	1366.8	1098.2	880.6	713.0	588.3	481.7	397.0	322.4	262.3	201.2	133.9
-2.5°	1376.9	1108.3	888.9	720.9	593.2	486.4	400.9	326.7	266.1	205.1	137.8
-5°	1376.1	1110.2	891.6	724.7	595.1	488.9	403.1	329.7	268.8	208.0	141.0
-7.5°	1361.6	1101.6	888.2	724.0	594.0	489.2	403.8	331.5	270.5	209.9	143.5
-10°	1335.6	1083.7	878.2	717.4	590.1	487.0	402.8	332.0	271.1	210.6	145.3
-12.5°	1298.9	1058.3	862.1	706.7	583.1	482.5	399.8	330.5	270.7	210.4	146.3
-15°	1251.8	1025.5	839.9	691.9	572.9	475.7	395.1	327.3	268.3	208.9	146.5
-17.5°	1194.9	985.8	811.5	673.0	559.6	466.7	388.6	322.8	265.1	206.2	146.3
-20°	1142.1	943.9	778.8	650.0	543.2	455.5	380.3	317.1	261.1	202.8	145.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627092 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-730-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°	1083.0	900.5	749.8	628.0	525.9	442.2	370.3	310.2	256.4	198.8	144.2
-25°	1015.4	851.2	716.6	603.5	509.0	429.4	359.9	302.2	250.9	194.3	142.3
-27.5°	951.9	800.4	679.4	575.2	489.4	414.7	349.7	294.7	244.6	189.2	139.8
-30°	887.1	756.1	643.8	545.6	467.9	398.2	338.1	286.7	237.5	184.7	136.7
-32.5°	821.2	707.9	605.7	519.9	447.0	380.6	325.5	278.1	230.1	180.3	134.1
-35°	764.5	660.4	564.7	492.3	425.7	365.5	313.0	269.0	222.4	175.3	131.3
-37.5°	704.2	612.3	532.8	464.9	402.8	349.1	301.0	258.3	214.6	169.8	127.9
-40°	650.3	567.4	498.4	438.4	382.1	331.3	287.6	246.8	207.2	163.6	124.0
-42.5°	595.3	526.5	465.0	409.9	361.3	315.0	273.0	234.6	197.7	157.9	119.5
-45°	547.2	484.7	430.4	384.0	339.7	297.3	258.7	221.9	187.5	152.1	114.7
-47.5°	497.4	444.4	398.1	356.9	318.4	278.9	243.6	210.1	176.9	145.5	109.9
-50°	451.1	406.3	367.6	330.8	294.9	261.7	228.5	198.0	167.2	137.0	104.5
-52.5°	409.8	372.4	338.1	304.6	273.7	243.7	215.0	185.7	157.2	128.5	98.5
-55°	373.3	340.0	309.1	280.1	252.4	227.7	201.2	174.1	146.7	119.7	92.1
-57.5°	338.4	308.4	282.1	256.3	232.7	211.2	187.8	162.1	136.1	110.5	86.4
-60°	303.2	279.1	255.7	234.1	213.7	194.2	174.3	149.8	125.2	101.0	79.5
-62.5°	269.6	249.4	231.4	212.3	193.6	176.5	160.3	137.0	113.8	91.7	71.9
-65°	236.6	221.1	206.6	188.7	172.4	158.1	144.7	123.8	101.8	81.7	63.9
-67.5°	203.9	191.1	178.2	163.7	151.6	139.9	128.0	109.1	89.2	71.2	55.8
-70°	170.9	160.1	150.8	141.6	131.6	121.3	109.5	93.3	75.9	61.2	47.5
-72.5°	138.5	131.9	126.4	119.9	111.4	101.6	90.6	77.4	63.8	50.9	38.8
-75°	106.7	105.3	103.7	99.5	91.3	82.2	73.3	63.1	51.4	40.4	31.6
-77.5°	84.1	83.5	82.3	79.4	72.3	64.8	57.0	48.5	39.7	32.1	24.9
-80°	62.3	62.2	61.6	59.8	53.7	47.4	42.0	36.5	30.0	23.8	17.9
-82.5°	40.9	41.5	41.8	41.3	37.1	33.1	29.2	25.3	20.3	15.5	12.0
-85°	23.3	23.8	23.9	23.6	21.1	18.6	17.0	15.3	12.7	10.2	8.0
-87.5°	9.7	10.2	10.7	11.0	10.1	9.3	8.5	7.7	6.3	5.1	4.0
-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-SA3B-730-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°	0.2	0.2	0.2	0.1	0.1	0.0	0.0
85°	0.5	0.4	0.3	0.2	0.2	0.1	0.0
82.5°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
80°	0.9	0.8	0.6	0.5	0.3	0.2	0.0
77.5°	0.9	0.9	0.8	0.6	0.4	0.2	0.0
75°	0.9	0.9	0.9	0.7	0.5	0.2	0.0
72.5°	0.9	0.9	0.9	0.8	0.5	0.3	0.0
70°	0.9	0.9	0.9	0.9	0.6	0.3	0.0
67.5°	1.0	0.9	0.9	0.9	0.7	0.3	0.0
65°	1.1	1.0	0.9	0.9	0.8	0.4	0.0
62.5°	1.2	1.2	0.9	0.9	0.8	0.4	0.0
60°	1.4	1.4	0.9	0.9	0.9	0.4	0.0
57.5°	2.4	1.7	1.1	0.9	0.9	0.5	0.0
55°	3.7	2.0	1.4	0.9	0.9	0.5	0.0
52.5°	5.2	2.5	1.7	0.9	0.9	0.5	0.0
50°	6.9	4.1	2.0	0.9	1.0	0.6	0.0
47.5°	9.2	5.8	2.3	1.0	1.0	0.6	0.0
45°	14.2	7.5	2.7	1.2	1.0	0.6	0.0
42.5°	19.1	9.4	3.0	1.5	1.0	0.7	0.0
40°	24.0	11.4	3.9	1.8	1.1	0.7	0.0
37.5°	28.8	13.5	5.5	2.2	1.1	0.7	0.0
35°	33.7	16.8	7.1	2.6	1.1	0.7	0.0
32.5°	38.7	20.6	8.7	3.1	1.2	0.8	0.0
30°	44.4	24.3	10.3	3.5	1.2	0.8	0.0
27.5°	49.9	27.9	12.1	4.1	1.3	0.8	0.0
25°	55.3	31.4	14.0	4.6	1.3	0.8	0.0
22.5°	60.4	34.7	15.7	5.2	1.4	0.8	0.0
20°	65.2	38.0	17.5	5.7	1.4	0.8	0.0
17.5°	69.7	41.1	19.1	6.3	1.5	0.9	0.0
15°	73.9	44.0	20.7	6.9	1.5	0.9	0.0
12.5°	77.7	46.7	22.2	7.5	1.6	0.9	0.0
10°	81.1	49.1	23.7	8.0	1.6	0.9	0.0
7.5°	84.2	51.4	25.0	8.6	1.7	0.9	0.0
5°	86.9	53.3	26.2	9.1	1.7	0.9	0.0
2.5°	89.2	55.0	27.2	9.6	1.8	0.9	0.0
0°	91.1	56.5	28.2	10.0	1.8	0.9	0.0
-2.5°	93.6	58.3	29.5	10.6	2.1	1.0	0.0
-5°	95.6	59.8	30.6	11.2	2.3	1.0	0.0
-7.5°	97.2	61.0	31.6	11.7	2.6	1.1	0.0
-10°	98.4	61.9	32.4	12.2	2.9	1.1	0.0
-12.5°	99.1	62.5	33.0	12.6	3.1	1.2	0.0
-15°	99.3	62.8	33.4	12.9	3.3	1.2	0.0
-17.5°	99.0	62.7	33.6	13.2	3.5	1.2	0.0
-20°	98.7	62.4	33.5	13.3	3.7	1.3	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	98.8	61.7	33.3	13.4	3.9	1.3	0.0
-25°	98.3	61.4	32.8	13.4	4.0	1.3	0.0
-27.5°	97.4	61.2	32.0	13.3	4.2	1.4	0.0
-30°	96.0	60.5	31.1	13.1	4.3	1.4	0.0
-32.5°	94.0	59.5	30.7	12.8	4.3	1.4	0.0
-35°	92.2	58.0	30.0	12.5	4.4	1.4	0.0
-37.5°	90.1	56.5	29.1	12.0	4.4	1.4	0.0
-40°	87.5	55.1	28.0	11.4	4.4	1.4	0.0
-42.5°	84.4	53.4	27.1	10.9	4.3	1.3	0.0
-45°	80.8	51.3	26.6	10.5	4.3	1.3	0.0
-47.5°	76.7	48.9	25.8	9.9	4.2	1.3	0.0
-50°	73.1	46.1	24.7	9.8	4.0	1.2	0.0
-52.5°	69.3	43.0	23.4	9.6	3.9	1.2	0.0
-55°	65.0	40.5	21.8	9.4	3.7	1.2	0.0
-57.5°	60.4	37.7	19.9	9.0	3.5	1.1	0.0
-60°	55.4	34.6	17.8	8.5	3.2	1.0	0.0
-62.5°	50.5	31.1	16.6	7.9	3.0	1.0	0.0
-65°	45.2	27.3	15.2	7.2	2.8	0.9	0.0
-67.5°	39.4	23.9	13.6	6.4	2.6	0.8	0.0
-70°	33.2	21.0	11.8	5.5	2.3	0.7	0.0
-72.5°	28.2	17.8	9.9	4.8	2.1	0.7	0.0
-75°	23.2	14.4	7.8	4.2	1.8	0.6	0.0
-77.5°	17.8	10.8	6.5	3.6	1.5	0.5	0.0
-80°	12.3	8.3	5.2	2.9	1.2	0.4	0.0
-82.5°	9.1	6.3	4.0	2.2	0.9	0.3	0.0
-85°	6.1	4.2	2.7	1.5	0.6	0.2	0.0
-87.5°	3.1	2.1	1.3	0.7	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)