

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: P627070 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-722-U-VWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627070 (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-SA3B-722-U-VWR-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR
Light Source: (48) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

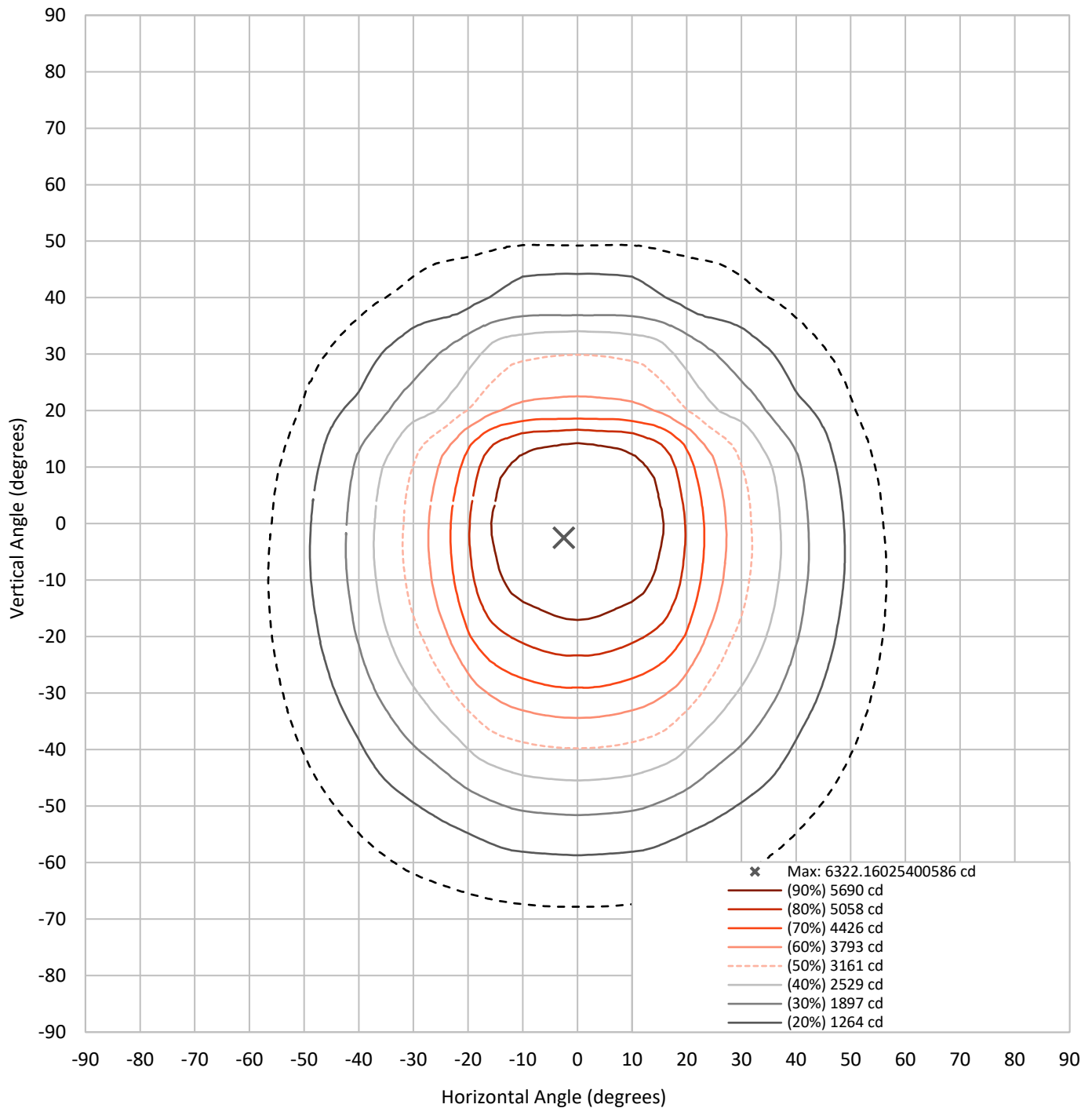
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	8437.1 lumens	Max Intensity:	6322.2 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	90.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' 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:	4881.4 lumens	Field Lumens:	8006.3 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
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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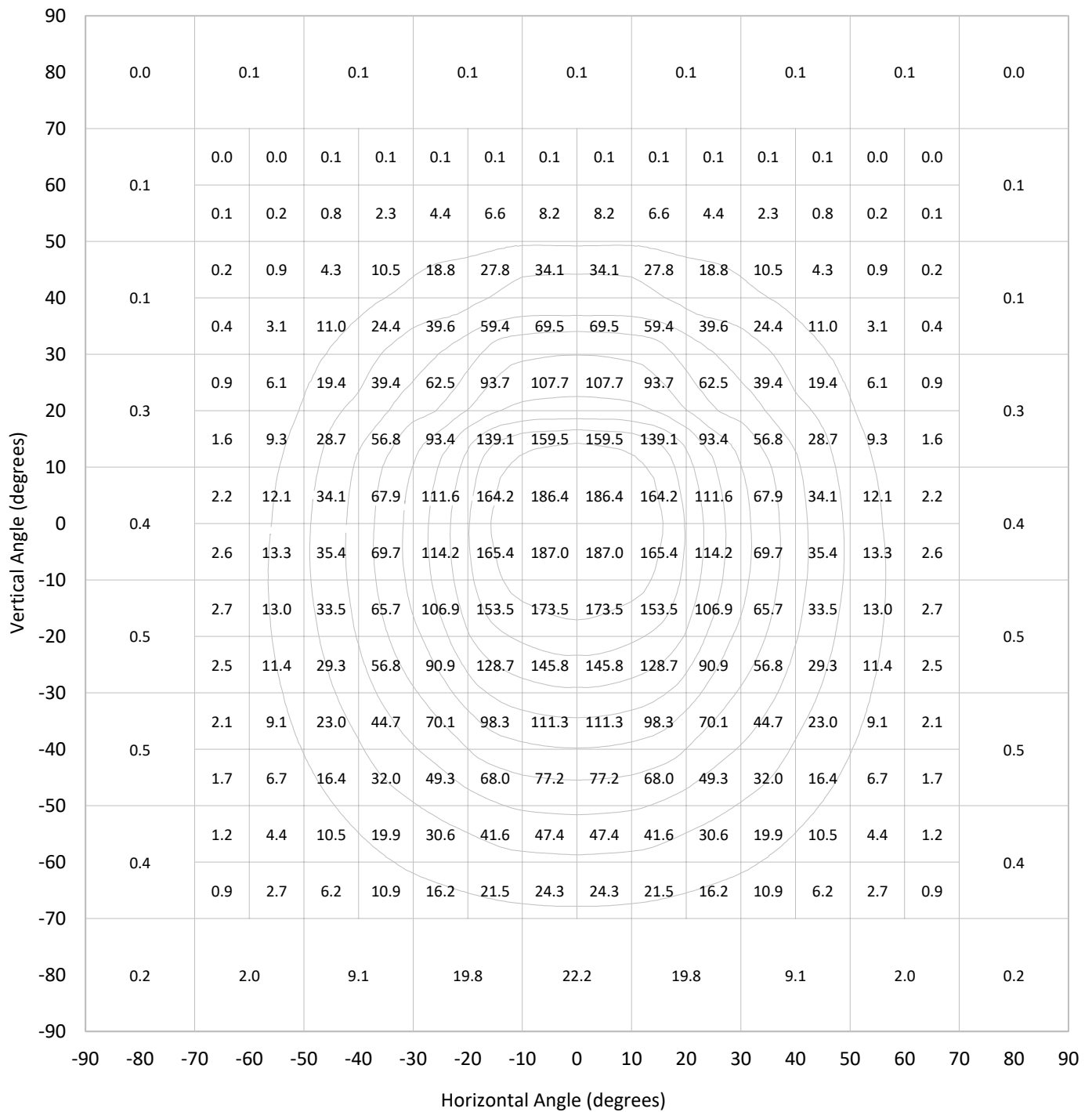
Iso-Candela Plot





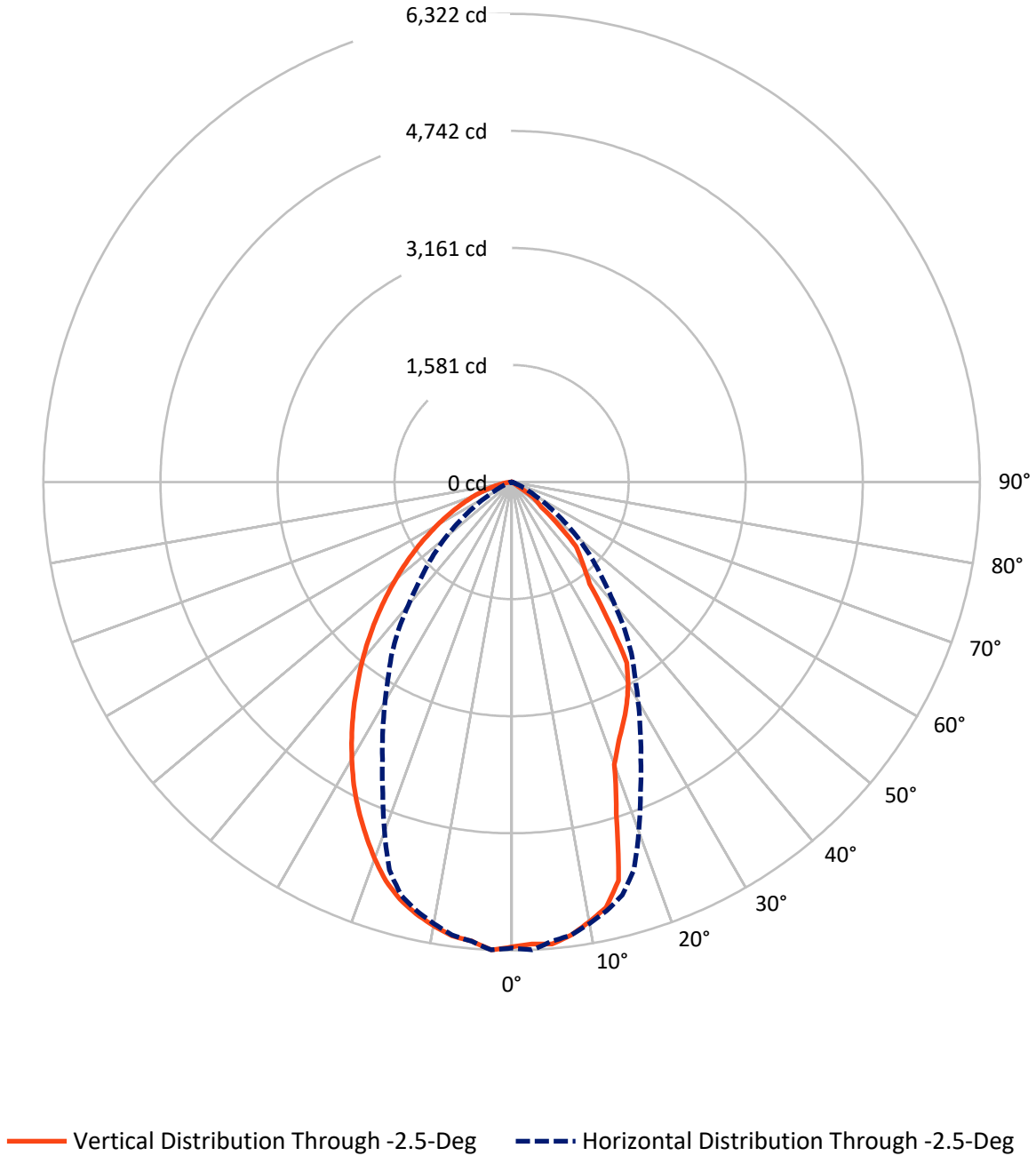
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Lumen Table



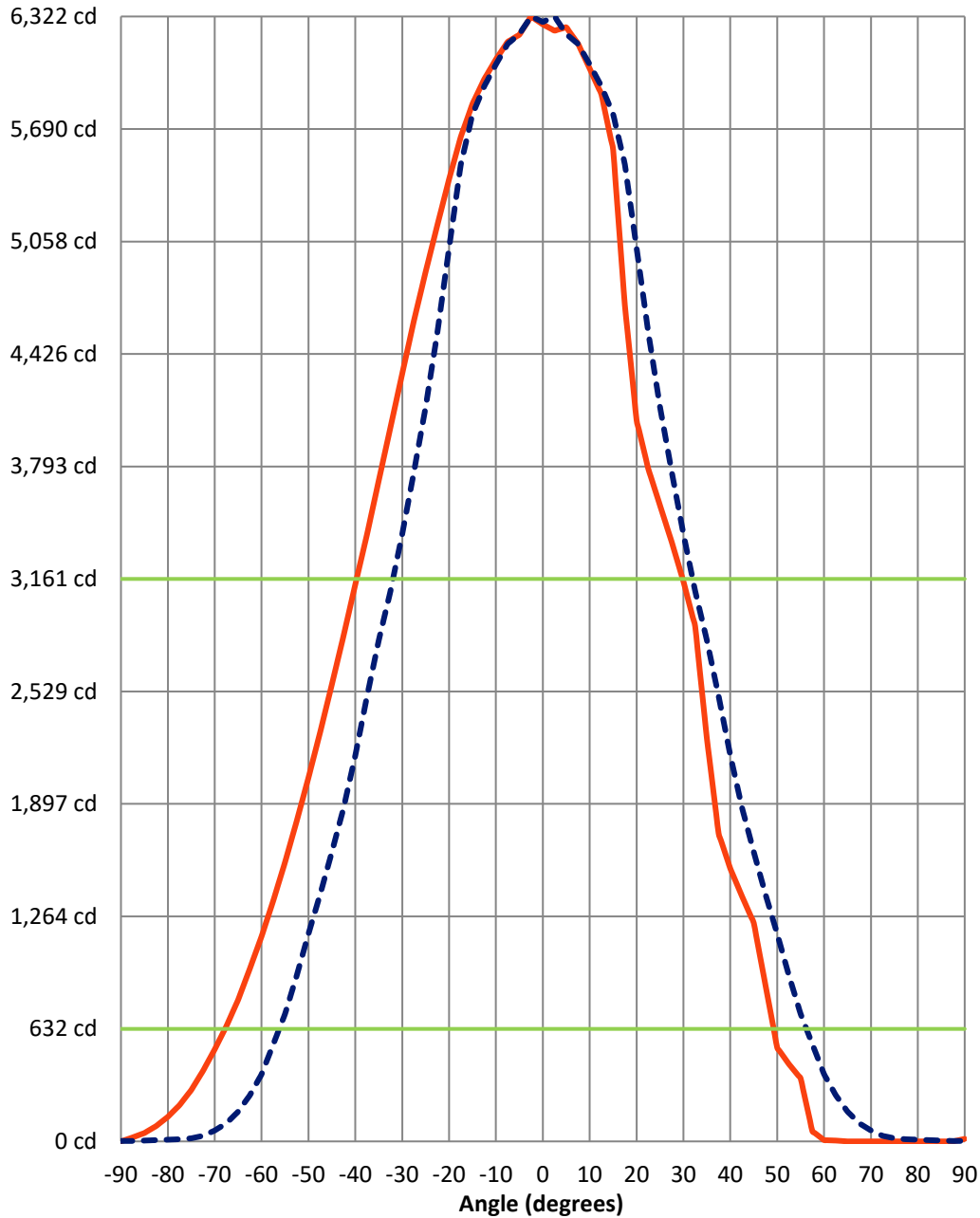
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 69.6°
 Lumens: 4881.4
 Efficiency: 57.9%

Field:
 H Angle: 112.5°
 V Angle: 117.1°
 Lumens: 8006.3
 Efficiency: 94.9%

Spill:
 Lumens: 430.8
 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°	2.4	2.4	2.4	3.0	3.6	4.1	4.7	5.3	5.9	6.5	7.1
87.5°	2.4	2.4	2.4	2.3	2.2	2.0	1.8	1.3	0.8	0.4	0.0
85°	2.4	2.4	2.4	2.2	2.0	1.6	1.2	0.7	0.4	0.1	0.0
82.5°	2.4	2.4	2.4	2.2	1.8	1.3	0.6	0.2	0.1	0.3	0.6
80°	2.4	2.4	2.4	2.1	1.6	0.9	0.1	0.5	0.9	1.3	1.6
77.5°	2.4	2.4	2.4	2.0	1.4	0.8	0.7	1.2	1.7	2.2	2.2
75°	2.4	2.4	2.4	2.0	1.3	1.2	1.3	1.9	2.4	2.0	1.3
72.5°	2.4	2.4	2.4	1.9	1.5	1.6	1.9	2.4	2.0	1.4	0.4
70°	2.4	2.4	2.4	1.9	1.7	1.9	2.4	2.3	1.8	0.9	1.1
67.5°	2.4	2.4	2.4	2.0	1.9	2.2	2.5	2.2	1.6	1.8	2.1
65°	2.4	2.4	2.4	2.1	2.1	2.5	2.6	2.2	2.4	2.8	2.9
62.5°	2.4	2.4	2.4	2.2	2.3	2.7	2.7	2.7	3.2	3.6	3.3
60°	2.4	2.4	2.4	2.2	2.4	2.9	2.8	3.4	4.0	4.1	3.7
57.5°	2.4	2.4	2.4	2.3	2.6	3.1	3.4	4.1	4.7	4.7	4.6
55°	2.4	2.4	2.5	2.3	2.8	3.3	4.0	4.8	5.4	5.5	5.7
52.5°	2.4	2.4	2.5	2.4	3.1	3.6	4.5	5.5	6.2	6.5	6.8
50°	2.4	2.4	2.6	2.4	3.3	4.1	5.1	6.1	7.0	7.5	7.9
47.5°	2.4	2.4	2.6	2.5	3.6	4.6	5.7	6.8	7.9	8.5	9.1
45°	2.4	2.4	2.7	2.7	3.9	5.0	6.2	7.4	8.7	9.4	10.2
42.5°	2.4	2.4	2.8	2.9	4.2	5.5	6.8	8.2	9.6	10.4	12.3
40°	2.4	2.4	2.8	3.2	4.5	5.9	7.3	9.0	10.5	11.4	14.7
37.5°	2.4	2.4	2.9	3.5	4.8	6.3	7.8	9.8	11.5	13.0	17.2
35°	2.4	2.4	3.0	3.8	5.2	6.8	8.3	10.6	12.5	16.0	21.8
32.5°	2.4	2.4	3.1	4.1	5.5	7.1	8.8	11.5	13.6	19.5	31.2
30°	2.4	2.4	3.2	4.4	5.8	7.5	9.5	12.4	14.8	23.4	40.2
27.5°	2.4	2.4	3.4	4.6	6.2	7.9	10.3	13.4	16.7	27.9	49.0
25°	2.4	2.4	3.5	4.9	6.5	8.2	11.0	14.3	20.1	34.3	57.6
22.5°	2.4	2.4	3.6	5.2	6.9	8.6	11.7	15.2	23.7	41.4	69.0
20°	2.4	2.4	3.7	5.4	7.2	9.0	12.3	16.2	27.5	48.2	80.2
17.5°	2.4	2.4	3.9	5.7	7.6	9.4	13.0	17.1	31.3	54.5	91.3
15°	2.4	2.4	4.0	5.9	7.9	9.8	13.7	18.3	35.1	60.5	102.1
12.5°	2.4	2.4	4.1	6.1	8.2	10.2	14.3	19.9	39.3	66.0	112.4
10°	2.4	2.4	4.2	6.4	8.4	10.6	14.8	21.6	43.8	72.4	122.8
7.5°	2.4	2.4	4.4	6.6	8.7	10.9	15.3	23.3	48.1	78.6	133.7
5°	2.4	2.4	4.5	6.8	9.0	11.2	15.8	25.1	52.1	84.4	143.7
2.5°	2.4	2.4	4.6	6.9	9.2	11.5	16.2	26.7	55.8	89.7	152.7
0°	2.4	2.4	4.7	7.1	9.4	11.8	16.5	28.3	59.0	94.4	160.5
-2.5°	2.4	2.4	4.7	7.1	9.4	11.8	16.5	28.3	59.0	94.4	160.5
-5°	2.4	2.4	4.7	7.1	9.8	12.3	18.3	33.8	63.2	108.4	173.3
-7.5°	2.4	2.4	4.7	7.0	9.9	12.5	19.0	36.1	64.7	113.7	177.8
-10°	2.4	2.4	4.6	7.0	10.0	12.7	19.6	38.0	65.8	117.6	181.1
-12.5°	2.4	2.4	4.6	6.9	10.1	12.8	20.1	39.5	66.6	119.6	183.6
-15°	2.4	2.4	4.5	6.9	10.2	13.0	20.4	40.3	67.9	119.4	184.6
-17.5°	2.4	2.4	4.5	6.8	10.2	13.1	20.5	41.2	70.0	118.2	183.4
-20°	2.4	2.4	4.4	6.7	10.1	13.1	21.0	42.0	71.3	116.0	180.1

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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°	2.4	2.4	4.3	6.5	10.0	13.2	22.4	42.4	71.9	112.9	174.3
-25°	2.4	2.4	4.3	6.4	9.8	14.1	23.5	42.3	71.7	108.9	166.2
-27.5°	2.4	2.4	4.2	6.3	9.6	15.2	24.3	41.6	70.6	105.5	160.2
-30°	2.4	2.4	4.1	6.1	9.3	16.1	24.9	40.5	69.3	104.0	153.5
-32.5°	2.4	2.4	4.0	6.0	9.7	16.9	25.2	40.5	67.6	101.4	146.0
-35°	2.4	2.4	3.9	5.8	9.9	17.5	25.9	40.8	65.3	97.7	137.6
-37.5°	2.4	2.4	3.7	5.6	10.1	17.9	26.6	40.6	62.3	93.0	133.8
-40°	2.4	2.4	3.6	5.4	10.2	18.0	27.0	40.1	58.6	88.4	129.6
-42.5°	2.4	2.4	3.5	5.3	10.3	18.0	27.2	39.2	56.5	84.8	123.2
-45°	2.4	2.4	3.4	5.3	10.3	17.9	27.0	38.3	55.0	80.2	115.1
-47.5°	2.4	2.4	3.2	5.3	10.2	17.6	26.6	37.8	53.0	74.8	108.7
-50°	2.4	2.4	3.1	5.2	10.0	17.2	26.1	36.8	51.4	72.9	101.1
-52.5°	2.4	2.4	2.9	5.1	9.7	16.7	25.3	35.5	50.1	70.3	93.0
-55°	2.4	2.4	2.7	5.0	9.3	16.0	24.4	33.9	48.5	67.1	89.1
-57.5°	2.4	2.4	2.6	4.8	8.8	15.1	23.4	32.5	46.2	63.8	84.6
-60°	2.4	2.4	2.4	4.6	8.2	14.1	22.1	30.9	43.3	59.8	79.3
-62.5°	2.4	2.4	2.4	4.4	7.7	12.9	20.3	28.8	39.7	55.1	73.1
-65°	2.4	2.4	2.4	4.1	7.2	11.6	18.3	26.1	35.4	48.9	66.1
-67.5°	2.4	2.4	2.4	3.8	6.7	10.4	16.1	22.9	30.4	41.6	56.8
-70°	2.4	2.4	2.4	3.4	6.1	9.5	13.7	19.6	26.0	33.6	45.9
-72.5°	2.4	2.4	2.4	3.4	5.4	8.4	12.1	16.0	21.5	27.9	35.1
-75°	2.4	2.4	2.4	3.3	4.7	7.4	10.6	13.5	16.7	22.0	27.9
-77.5°	2.4	2.4	2.4	3.3	4.5	6.2	8.9	11.3	13.9	16.6	20.5
-80°	2.4	2.4	2.4	3.2	4.3	5.6	7.2	9.1	11.2	13.4	15.8
-82.5°	2.4	2.4	2.4	3.2	4.1	5.3	6.5	7.4	8.4	10.1	11.9
-85°	2.4	2.4	2.4	3.1	4.0	4.9	5.9	6.7	7.5	8.3	9.0
-87.5°	2.4	2.4	2.4	3.1	3.8	4.5	5.3	6.0	6.7	7.4	8.1
-90°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.8	1.2	0.6	0.0



REPORT NUMBER: P627070 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-722-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°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.7	8.3	8.8
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°	0.7	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.6	1.3	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	1.4	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.5	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.4	0.7	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1.4	1.5	1.0	0.4	0.0	0.1	0.4	0.3	0.0	0.1	0.3
67.5°	2.2	1.7	1.1	0.7	0.9	1.2	1.1	1.2	1.3	1.4	1.2
65°	2.3	1.8	1.8	2.1	2.4	2.6	2.8	2.9	2.5	2.2	2.2
62.5°	2.5	2.7	3.1	3.5	3.8	4.1	4.1	3.7	2.8	3.5	4.0
60°	3.5	3.9	4.4	4.8	5.3	5.5	5.3	5.4	6.0	6.9	13.3
57.5°	4.7	5.0	5.6	6.4	7.0	7.2	7.3	8.0	18.7	30.5	33.7
55°	5.9	6.2	7.2	8.4	9.1	9.0	12.9	27.3	41.2	57.1	62.9
52.5°	7.2	7.7	9.4	10.8	11.7	18.2	32.8	52.3	72.8	91.0	114.6
50°	8.4	10.1	11.9	13.9	22.2	39.2	60.5	87.1	118.0	147.2	177.0
47.5°	10.5	12.6	15.3	22.0	43.8	67.4	96.9	139.6	177.8	213.0	253.9
45°	13.0	17.5	20.4	43.5	68.8	99.3	149.2	201.6	236.2	283.3	355.6
42.5°	15.6	24.2	39.0	65.7	96.6	145.7	207.7	252.2	298.2	374.7	450.7
40°	22.4	32.4	58.9	90.6	129.7	201.3	264.9	315.4	378.2	462.9	542.4
37.5°	30.7	49.4	79.1	117.1	181.7	260.2	328.3	400.3	472.6	552.5	699.8
35°	39.9	65.3	104.7	156.0	233.7	325.4	406.7	487.1	570.5	727.8	874.0
32.5°	51.9	79.8	131.5	201.3	290.0	390.6	484.9	578.0	711.6	889.6	1036.4
30°	64.8	103.2	162.3	243.2	342.9	450.4	563.7	676.4	853.2	1000.5	1159.8
27.5°	78.3	127.9	198.5	287.0	392.5	506.7	634.7	795.4	953.0	1098.6	1273.7
25°	92.2	153.7	231.6	328.8	441.3	567.6	714.8	910.5	1033.9	1194.8	1377.4
22.5°	110.0	178.3	264.3	366.8	486.5	630.2	817.9	1014.4	1159.6	1295.0	1473.3
20°	130.6	206.0	299.9	414.3	530.8	691.4	920.3	1127.1	1297.9	1452.9	1616.7
17.5°	149.8	232.0	338.0	462.8	595.2	769.7	1020.9	1249.8	1437.7	1610.4	1814.9
15°	167.7	255.9	375.3	508.7	658.6	859.4	1111.1	1362.5	1577.0	1771.3	2003.7
12.5°	183.9	277.9	411.3	551.7	718.2	936.8	1186.9	1432.2	1668.0	1921.2	2184.9
10°	198.6	297.5	445.2	591.4	773.5	1002.2	1249.4	1490.3	1728.2	1996.1	2289.2
7.5°	214.4	316.0	476.1	627.5	823.8	1056.3	1299.4	1536.9	1776.9	2056.1	2357.0
5°	228.9	332.9	500.6	653.3	862.7	1098.4	1337.0	1572.4	1813.8	2100.8	2408.3
2.5°	241.7	347.1	520.5	673.6	891.5	1129.5	1361.5	1601.9	1841.3	2137.1	2447.5
0°	252.5	358.7	535.7	689.1	913.3	1151.7	1375.9	1621.3	1857.3	2161.8	2473.3
-2.5°	259.4	377.6	546.1	716.3	932.3	1166.2	1388.7	1626.8	1874.6	2169.6	2502.2
-5°	264.3	393.0	552.4	737.2	944.8	1172.6	1393.0	1622.6	1879.2	2167.6	2506.5
-7.5°	267.2	403.8	555.4	749.1	949.2	1168.8	1385.8	1614.6	1871.7	2160.2	2487.7
-10°	268.8	407.2	559.4	745.5	943.4	1156.1	1369.8	1595.8	1850.3	2136.0	2452.1
-12.5°	273.3	405.1	558.7	737.6	931.0	1137.0	1346.2	1566.1	1814.6	2094.9	2402.9
-15°	274.4	400.2	552.0	725.9	912.1	1112.1	1315.2	1525.4	1770.6	2054.8	2348.5
-17.5°	271.9	392.9	538.9	711.0	886.6	1081.8	1278.7	1488.7	1729.3	2008.5	2291.3
-20°	265.6	383.3	519.2	693.3	856.5	1048.1	1242.2	1450.3	1681.9	1944.3	2227.3



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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°	255.2	371.8	497.9	668.8	830.4	1009.4	1199.3	1397.9	1622.4	1861.0	2141.3
-25°	244.6	358.9	481.0	635.1	799.1	964.2	1150.1	1333.8	1552.6	1786.9	2035.6
-27.5°	234.4	340.7	463.5	598.1	762.3	916.0	1094.5	1273.7	1474.1	1703.8	1932.8
-30°	221.2	321.1	442.1	562.5	718.2	870.6	1032.3	1208.8	1389.0	1607.0	1832.3
-32.5°	209.4	300.8	417.8	535.4	670.8	819.5	965.4	1133.6	1309.5	1495.3	1717.9
-35°	201.6	288.7	392.1	504.1	622.4	763.8	902.7	1048.7	1219.1	1393.5	1589.0
-37.5°	195.3	274.9	364.9	471.5	584.1	705.5	835.5	969.9	1118.5	1294.3	1478.1
-40°	185.4	259.3	344.8	440.5	539.8	650.1	770.8	892.5	1021.3	1193.0	1374.4
-42.5°	172.6	244.2	325.9	406.7	497.4	598.1	705.4	820.0	943.8	1092.9	1259.6
-45°	162.7	224.9	304.8	377.2	452.3	544.4	645.1	748.9	865.7	993.8	1143.5
-47.5°	150.3	203.9	277.2	344.9	411.0	489.7	581.8	680.0	783.5	898.9	1021.6
-50°	136.9	186.4	243.5	309.4	372.5	437.9	516.4	607.3	701.1	801.7	911.2
-52.5°	126.8	165.9	218.0	272.8	333.0	392.4	459.2	537.1	620.9	705.0	801.3
-55°	115.3	150.8	193.8	242.9	294.1	349.1	410.0	478.2	546.5	623.7	700.6
-57.5°	107.3	136.4	173.6	216.3	262.3	308.9	366.4	424.1	487.3	551.2	615.0
-60°	101.0	123.9	154.7	192.3	233.3	276.9	324.1	377.4	431.8	484.0	539.1
-62.5°	93.8	113.7	137.8	168.5	205.5	243.5	285.0	330.6	379.9	423.9	466.5
-65°	84.4	101.7	122.5	147.4	176.5	208.6	244.0	282.4	325.0	360.7	395.6
-67.5°	73.7	88.3	105.7	126.0	150.3	175.3	201.3	233.8	268.4	297.5	325.9
-70°	60.3	73.7	87.9	104.5	123.6	144.8	167.6	191.2	214.9	238.6	264.7
-72.5°	46.1	58.4	70.4	82.3	97.4	114.8	133.4	153.2	173.9	194.2	214.0
-75°	35.2	43.1	53.6	64.3	74.9	86.2	98.8	114.5	133.7	153.4	171.5
-77.5°	26.6	33.2	40.2	47.6	54.2	62.6	71.7	81.5	97.3	115.5	133.8
-80°	19.1	23.1	28.7	34.6	39.3	43.9	48.7	53.7	65.4	80.1	95.7
-82.5°	14.2	16.9	20.0	23.5	25.8	28.1	30.7	34.0	42.7	52.6	63.0
-85°	9.8	10.6	12.3	14.2	15.5	16.8	18.2	19.6	24.3	29.6	35.3
-87.5°	8.4	8.8	9.3	9.8	10.0	10.1	10.3	10.4	12.0	13.7	15.4
-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: P627070 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	9.4	10.0	10.6	11.2	11.8	12.4	13.0	13.6	14.2	14.2	14.2
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°	0.2	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1.1	1.2	1.2	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0
65°	2.5	2.4	1.8	1.2	0.6	0.9	1.4	1.7	1.7	1.6	1.2
62.5°	3.8	3.5	3.1	3.6	4.3	4.9	4.8	4.5	4.2	4.0	4.1
60°	14.0	9.3	10.7	13.5	12.6	8.7	14.2	16.1	13.7	9.4	9.1
57.5°	35.4	34.2	39.1	57.1	62.9	57.3	68.4	83.1	82.7	71.2	70.8
55°	75.4	101.1	132.2	137.2	158.9	202.2	236.0	221.2	221.1	232.2	268.1
52.5°	143.2	167.5	176.5	200.6	245.9	278.7	299.8	321.6	345.6	370.0	394.7
50°	210.1	233.7	260.5	285.2	347.8	381.5	375.9	421.1	479.0	515.1	533.7
47.5°	308.2	345.3	402.0	490.6	537.4	571.2	613.2	664.4	730.7	820.6	889.8
45°	423.6	482.1	569.7	663.9	736.4	769.5	817.5	896.8	1002.5	1105.5	1180.6
42.5°	518.0	598.2	697.0	787.1	846.2	900.4	962.7	1029.6	1150.7	1260.6	1347.5
40°	641.2	703.6	814.5	899.4	952.3	1006.1	1104.7	1204.9	1318.7	1421.1	1492.3
37.5°	797.3	867.6	982.9	1078.9	1129.9	1148.9	1316.6	1456.0	1548.5	1679.3	1722.0
35°	965.0	1080.8	1227.7	1352.2	1402.2	1501.9	1674.7	1869.1	2079.8	2157.3	2223.3
32.5°	1152.1	1294.9	1494.3	1627.9	1699.2	1850.6	2069.2	2276.8	2552.2	2701.7	2746.4
30°	1323.3	1487.2	1658.5	1788.4	1910.3	2092.6	2292.0	2547.9	2802.6	2993.8	3053.1
27.5°	1448.9	1630.2	1795.0	1916.6	2054.1	2250.7	2499.3	2758.4	3008.5	3203.5	3272.8
25°	1568.8	1773.7	1904.2	2045.6	2207.1	2421.3	2696.8	2984.8	3231.1	3395.9	3480.9
22.5°	1705.2	1907.3	2047.3	2167.1	2378.3	2625.1	2880.8	3206.2	3467.1	3598.7	3690.8
20°	1845.9	2074.6	2290.9	2402.3	2585.1	2897.5	3183.8	3491.0	3743.0	3880.1	3977.1
17.5°	2042.4	2333.8	2599.0	2756.8	2952.5	3326.1	3683.3	3994.1	4344.7	4468.4	4587.0
15°	2249.5	2586.7	2897.5	3147.4	3400.2	3770.4	4230.2	4605.2	5005.2	5183.7	5385.7
12.5°	2455.9	2775.0	3056.6	3379.0	3735.3	4062.8	4500.5	4967.5	5330.4	5558.2	5694.1
10°	2610.2	2906.7	3177.6	3500.8	3856.3	4226.8	4661.8	5140.5	5520.4	5714.7	5825.7
7.5°	2693.5	2977.3	3263.1	3590.5	3944.5	4339.0	4787.2	5262.1	5650.6	5838.9	5948.5
5°	2755.4	3027.9	3323.8	3668.5	4026.4	4426.5	4874.1	5343.3	5697.5	5897.7	6036.2
2.5°	2792.8	3059.9	3362.6	3718.9	4077.7	4494.5	4963.6	5450.0	5759.9	5920.9	6048.4
0°	2803.7	3072.7	3384.3	3745.3	4113.5	4533.6	4998.5	5479.9	5793.8	5949.6	6079.4
-2.5°	2815.9	3092.9	3413.0	3762.5	4127.5	4546.4	5021.0	5490.0	5772.5	5929.6	6053.1
-5°	2807.4	3094.5	3413.6	3748.3	4115.7	4531.3	4986.9	5425.5	5720.9	5890.8	6013.6
-7.5°	2782.0	3073.2	3389.0	3710.6	4071.1	4491.4	4945.1	5367.4	5666.6	5845.8	5980.1
-10°	2745.0	3027.7	3345.7	3671.4	4027.6	4427.6	4874.4	5294.2	5580.5	5770.8	5927.4
-12.5°	2704.0	2980.9	3287.4	3599.8	3952.0	4347.2	4780.0	5177.4	5462.1	5669.6	5781.5
-15°	2643.3	2920.0	3213.0	3515.3	3858.6	4241.9	4655.3	5036.6	5316.2	5485.0	5608.7
-17.5°	2566.1	2837.6	3115.4	3402.1	3725.5	4103.0	4518.9	4895.0	5122.9	5273.7	5395.2
-20°	2483.4	2734.4	2997.6	3268.2	3581.6	3955.6	4364.1	4692.1	4906.9	5051.8	5166.5



REPORT NUMBER: P627070 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-722-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°	2388.9	2630.7	2871.6	3130.2	3437.6	3780.4	4141.2	4458.2	4689.1	4821.1	4927.2
-25°	2281.1	2516.2	2745.0	2994.8	3277.3	3585.5	3921.0	4232.4	4439.3	4579.5	4684.7
-27.5°	2164.9	2385.9	2609.4	2833.7	3087.6	3394.7	3705.4	3994.8	4171.3	4312.6	4418.4
-30°	2049.0	2247.7	2454.5	2666.9	2905.2	3182.0	3472.7	3716.0	3902.2	4039.5	4137.7
-32.5°	1923.4	2112.0	2295.1	2493.6	2718.1	2962.0	3217.1	3448.6	3647.5	3773.3	3856.0
-35°	1794.8	1977.3	2144.9	2325.1	2523.0	2733.6	2969.0	3197.3	3393.8	3493.3	3574.0
-37.5°	1660.7	1842.7	2001.7	2152.2	2322.7	2517.7	2747.0	2964.8	3134.5	3220.1	3292.8
-40°	1544.2	1704.4	1847.5	1991.5	2130.1	2303.3	2517.3	2728.2	2864.4	2947.7	3015.2
-42.5°	1431.0	1566.2	1683.4	1812.5	1951.2	2122.0	2294.6	2471.4	2580.9	2673.4	2744.5
-45°	1299.3	1420.1	1529.9	1637.3	1763.9	1919.7	2076.6	2218.2	2320.8	2410.2	2479.4
-47.5°	1153.5	1270.2	1376.9	1472.8	1590.5	1720.5	1852.5	1970.4	2071.6	2160.0	2221.8
-50°	1017.7	1121.9	1226.1	1323.2	1425.2	1530.3	1637.5	1740.9	1837.0	1922.8	1975.5
-52.5°	896.1	992.2	1083.3	1168.2	1257.4	1346.2	1434.9	1529.7	1618.1	1699.4	1741.3
-55°	786.0	872.7	954.9	1026.4	1097.9	1168.4	1244.4	1331.9	1413.3	1488.6	1518.8
-57.5°	687.1	761.3	834.1	894.6	953.0	1009.0	1075.8	1149.6	1220.9	1285.4	1310.1
-60°	596.2	655.1	715.9	769.6	820.5	868.5	926.8	986.2	1044.0	1092.7	1113.7
-62.5°	512.6	563.0	609.0	652.7	695.8	739.1	786.1	833.2	879.9	917.4	936.4
-65°	432.0	472.1	509.1	545.0	579.8	616.1	652.9	688.8	723.3	750.1	766.6
-67.5°	356.4	386.9	416.2	444.2	473.3	502.7	531.5	559.0	585.0	605.7	621.4
-70°	289.3	312.9	335.9	359.0	383.3	406.2	427.9	448.4	467.7	482.7	494.8
-72.5°	233.2	252.3	272.2	293.0	312.6	329.8	345.3	360.4	374.8	383.2	389.5
-75°	188.0	204.1	221.4	238.2	254.6	267.7	279.1	290.1	300.8	301.4	299.2
-77.5°	151.8	166.2	179.6	192.9	206.0	214.0	221.0	228.2	235.5	231.3	224.6
-80°	111.4	123.4	134.8	146.2	157.6	162.4	165.7	168.6	171.0	165.5	158.7
-82.5°	74.0	81.5	88.9	96.4	104.0	107.1	109.3	111.2	112.7	107.7	102.0
-85°	41.3	44.9	48.5	52.1	55.7	57.8	59.7	61.5	63.2	60.2	56.9
-87.5°	17.2	18.0	18.8	19.6	20.3	21.1	21.8	22.6	23.3	23.4	23.5
-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: P627070 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-722-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°	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	13.6
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°	0.7	0.1	0.0	0.0	0.0	0.1	0.7	1.2	1.6	1.7	1.7
62.5°	4.3	4.5	4.6	4.7	4.6	4.5	4.3	4.1	4.0	4.2	4.5
60°	8.3	7.3	7.1	7.1	7.1	7.3	8.3	9.1	9.4	13.7	16.1
57.5°	65.4	56.0	57.4	63.7	57.4	56.0	65.4	70.8	71.2	82.7	83.1
55°	305.7	341.3	353.8	346.9	353.8	341.3	305.7	268.1	232.2	221.1	221.2
52.5°	414.3	428.8	434.4	434.2	434.4	428.8	414.3	394.7	370.0	345.6	321.6
50°	539.3	534.4	526.8	519.2	526.8	534.4	539.3	533.7	515.1	479.0	421.1
47.5°	900.0	884.4	877.8	889.7	877.8	884.4	900.0	889.8	820.6	730.7	664.4
45°	1196.0	1214.2	1227.9	1227.2	1227.9	1214.2	1196.0	1180.6	1105.5	1002.5	896.8
42.5°	1364.5	1374.3	1377.1	1373.5	1377.1	1374.3	1364.5	1347.5	1260.6	1150.7	1029.6
40°	1514.7	1526.3	1532.9	1538.7	1532.9	1526.3	1514.7	1492.3	1421.1	1318.7	1204.9
37.5°	1736.1	1740.4	1731.1	1725.2	1731.1	1740.4	1736.1	1722.0	1679.3	1548.5	1456.0
35°	2279.0	2290.1	2264.4	2291.6	2264.4	2290.1	2279.0	2223.3	2157.3	2079.8	1869.1
32.5°	2799.6	2851.7	2893.9	2928.8	2893.9	2851.7	2799.6	2746.4	2701.7	2552.2	2276.8
30°	3094.6	3128.2	3146.2	3150.6	3146.2	3128.2	3094.6	3053.1	2993.8	2802.6	2547.9
27.5°	3311.1	3346.4	3368.3	3384.3	3368.3	3346.4	3311.1	3272.8	3203.5	3008.5	2758.4
25°	3519.8	3552.0	3574.0	3582.5	3574.0	3552.0	3519.8	3480.9	3395.9	3231.1	2984.8
22.5°	3736.4	3758.8	3779.8	3790.2	3779.8	3758.8	3736.4	3690.8	3598.7	3467.1	3206.2
20°	4046.8	4034.7	4053.9	4047.4	4053.9	4034.7	4046.8	3977.1	3880.1	3743.0	3491.0
17.5°	4679.5	4686.1	4698.9	4720.0	4698.9	4686.1	4679.5	4587.0	4468.4	4344.7	3994.1
15°	5475.2	5491.2	5572.5	5645.1	5572.5	5491.2	5475.2	5385.7	5183.7	5005.2	4605.2
12.5°	5820.3	5875.7	5884.3	5904.7	5884.3	5875.7	5820.3	5694.1	5558.2	5330.4	4967.5
10°	5935.5	6031.4	6029.3	6053.4	6029.3	6031.4	5935.5	5825.7	5714.7	5520.4	5140.5
7.5°	6022.8	6125.9	6169.4	6187.9	6169.4	6125.9	6022.8	5948.5	5838.9	5650.6	5262.1
5°	6129.6	6186.2	6261.4	6239.9	6261.4	6186.2	6129.6	6036.2	5897.7	5697.5	5343.3
2.5°	6174.3	6263.0	6242.5	6263.5	6242.5	6263.0	6174.3	6048.4	5920.9	5759.9	5450.0
0°	6204.5	6268.2	6277.6	6298.9	6277.6	6268.2	6204.5	6079.4	5949.6	5793.8	5479.9
-2.5°	6167.8	6223.9	6322.2	6291.8	6322.2	6223.9	6167.8	6053.1	5929.6	5772.5	5490.0
-5°	6135.8	6273.8	6220.2	6287.1	6220.2	6273.8	6135.8	6013.6	5890.8	5720.9	5425.5
-7.5°	6119.2	6143.9	6179.5	6230.4	6179.5	6143.9	6119.2	5980.1	5845.8	5666.6	5367.4
-10°	5991.1	6016.4	6081.7	6117.1	6081.7	6016.4	5991.1	5927.4	5770.8	5580.5	5294.2
-12.5°	5852.2	5901.1	5969.7	5992.1	5969.7	5901.1	5852.2	5781.5	5669.6	5462.1	5177.4
-15°	5692.1	5764.8	5831.7	5845.7	5831.7	5764.8	5692.1	5608.7	5485.0	5316.2	5036.6
-17.5°	5488.7	5575.7	5646.1	5661.7	5646.1	5575.7	5488.7	5395.2	5273.7	5122.9	4895.0
-20°	5264.4	5347.8	5407.6	5425.7	5407.6	5347.8	5264.4	5166.5	5051.8	4906.9	4692.1



REPORT NUMBER: P627070 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-722-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°	5024.4	5099.5	5150.1	5142.5	5150.1	5099.5	5024.4	4927.2	4821.1	4689.1	4458.2
-25°	4769.5	4839.2	4887.3	4880.5	4887.3	4839.2	4769.5	4684.7	4579.5	4439.3	4232.4
-27.5°	4500.0	4566.0	4612.3	4613.8	4612.3	4566.0	4500.0	4418.4	4312.6	4171.3	3994.8
-30°	4216.9	4276.9	4314.5	4299.9	4314.5	4276.9	4216.9	4137.7	4039.5	3902.2	3716.0
-32.5°	3924.9	3979.1	4013.5	4023.8	4013.5	3979.1	3924.9	3856.0	3773.3	3647.5	3448.6
-35°	3636.8	3684.6	3714.4	3721.7	3714.4	3684.6	3636.8	3574.0	3493.3	3393.8	3197.3
-37.5°	3350.6	3391.8	3412.6	3403.1	3412.6	3391.8	3350.6	3292.8	3220.1	3134.5	2964.8
-40°	3067.8	3107.0	3130.8	3136.5	3130.8	3107.0	3067.8	3015.2	2947.7	2864.4	2728.2
-42.5°	2789.7	2822.3	2843.2	2853.2	2843.2	2822.3	2789.7	2744.5	2673.4	2580.9	2471.4
-45°	2519.9	2549.0	2568.6	2579.5	2568.6	2549.0	2519.9	2479.4	2410.2	2320.8	2218.2
-47.5°	2257.3	2282.9	2299.8	2308.1	2299.8	2282.9	2257.3	2221.8	2160.0	2071.6	1970.4
-50°	2006.2	2028.3	2044.1	2053.2	2044.1	2028.3	2006.2	1975.5	1922.8	1837.0	1740.9
-52.5°	1768.1	1787.4	1800.9	1807.8	1800.9	1787.4	1768.1	1741.3	1699.4	1618.1	1529.7
-55°	1540.8	1556.4	1568.9	1576.5	1568.9	1556.4	1540.8	1518.8	1488.6	1413.3	1331.9
-57.5°	1328.8	1341.6	1353.3	1361.7	1353.3	1341.6	1328.8	1310.1	1285.4	1220.9	1149.6
-60°	1130.3	1142.4	1152.4	1158.8	1152.4	1142.4	1130.3	1113.7	1092.7	1044.0	986.2
-62.5°	951.2	961.9	971.1	977.0	971.1	961.9	951.2	936.4	917.4	879.9	833.2
-65°	779.5	789.1	795.9	800.0	795.9	789.1	779.5	766.6	750.1	723.3	688.8
-67.5°	634.8	645.9	648.0	646.6	648.0	645.9	634.8	621.4	605.7	585.0	559.0
-70°	505.6	514.9	517.1	516.8	517.1	514.9	505.6	494.8	482.7	467.7	448.4
-72.5°	395.4	400.5	396.1	389.4	396.1	400.5	395.4	389.5	383.2	374.8	360.4
-75°	296.6	293.4	288.8	283.2	288.8	293.4	296.6	299.2	301.4	300.8	290.1
-77.5°	217.2	209.2	203.9	198.2	203.9	209.2	217.2	224.6	231.3	235.5	228.2
-80°	151.3	143.4	138.0	132.2	138.0	143.4	151.3	158.7	165.5	171.0	168.6
-82.5°	95.8	89.4	86.1	82.6	86.1	89.4	95.8	102.0	107.7	112.7	111.2
-85°	53.3	49.4	47.2	44.8	47.2	49.4	53.3	56.9	60.2	63.2	61.5
-87.5°	23.5	23.6	22.4	21.2	22.4	23.6	23.5	23.5	23.4	23.3	22.6
-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: P627070 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	13.0	12.4	11.8	11.2	10.6	10.0	9.4	8.8	8.3	7.7	7.1
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	0.1	0.1	0.0	0.0	0.2	0.3	0.1	0.0	0.3
67.5°	0.0	0.0	0.4	1.0	1.2	1.2	1.1	1.2	1.4	1.3	1.2
65°	1.4	0.9	0.6	1.2	1.8	2.4	2.5	2.2	2.2	2.5	2.9
62.5°	4.8	4.9	4.3	3.6	3.1	3.5	3.8	4.0	3.5	2.8	3.7
60°	14.2	8.7	12.6	13.5	10.7	9.3	14.0	13.3	6.9	6.0	5.4
57.5°	68.4	57.3	62.9	57.1	39.1	34.2	35.4	33.7	30.5	18.7	8.0
55°	236.0	202.2	158.9	137.2	132.2	101.1	75.4	62.9	57.1	41.2	27.3
52.5°	299.8	278.7	245.9	200.6	176.5	167.5	143.2	114.6	91.0	72.8	52.3
50°	375.9	381.5	347.8	285.2	260.5	233.7	210.1	177.0	147.2	118.0	87.1
47.5°	613.2	571.2	537.4	490.6	402.0	345.3	308.2	253.9	213.0	177.8	139.6
45°	817.5	769.5	736.4	663.9	569.7	482.1	423.6	355.6	283.3	236.2	201.6
42.5°	962.7	900.4	846.2	787.1	697.0	598.2	518.0	450.7	374.7	298.2	252.2
40°	1104.7	1006.1	952.3	899.4	814.5	703.6	641.2	542.4	462.9	378.2	315.4
37.5°	1316.6	1148.9	1129.9	1078.9	982.9	867.6	797.3	699.8	552.5	472.6	400.3
35°	1674.7	1501.9	1402.2	1352.2	1227.7	1080.8	965.0	874.0	727.8	570.5	487.1
32.5°	2069.2	1850.6	1699.2	1627.9	1494.3	1294.9	1152.1	1036.4	889.6	711.6	578.0
30°	2292.0	2092.6	1910.3	1788.4	1658.5	1487.2	1323.3	1159.8	1000.5	853.2	676.4
27.5°	2499.3	2250.7	2054.1	1916.6	1795.0	1630.2	1448.9	1273.7	1098.6	953.0	795.4
25°	2696.8	2421.3	2207.1	2045.6	1904.2	1773.7	1568.8	1377.4	1194.8	1033.9	910.5
22.5°	2880.8	2625.1	2378.3	2167.1	2047.3	1907.3	1705.2	1473.3	1295.0	1159.6	1014.4
20°	3183.8	2897.5	2585.1	2402.3	2290.9	2074.6	1845.9	1616.7	1452.9	1297.9	1127.1
17.5°	3683.3	3326.1	2952.5	2756.8	2599.0	2333.8	2042.4	1814.9	1610.4	1437.7	1249.8
15°	4230.2	3770.4	3400.2	3147.4	2897.5	2586.7	2249.5	2003.7	1771.3	1577.0	1362.5
12.5°	4500.5	4062.8	3735.3	3379.0	3056.6	2775.0	2455.9	2184.9	1921.2	1668.0	1432.2
10°	4661.8	4226.8	3856.3	3500.8	3177.6	2906.7	2610.2	2289.2	1996.1	1728.2	1490.3
7.5°	4787.2	4339.0	3944.5	3590.5	3263.1	2977.3	2693.5	2357.0	2056.1	1776.9	1536.9
5°	4874.1	4426.5	4026.4	3668.5	3323.8	3027.9	2755.4	2408.3	2100.8	1813.8	1572.4
2.5°	4963.6	4494.5	4077.7	3718.9	3362.6	3059.9	2792.8	2447.5	2137.1	1841.3	1601.9
0°	4998.5	4533.6	4113.5	3745.3	3384.3	3072.7	2803.7	2473.3	2161.8	1857.3	1621.3
-2.5°	5021.0	4546.4	4127.5	3762.5	3413.0	3092.9	2815.9	2502.2	2169.6	1874.6	1626.8
-5°	4986.9	4531.3	4115.7	3748.3	3413.6	3094.5	2807.4	2506.5	2167.6	1879.2	1622.6
-7.5°	4945.1	4491.4	4071.1	3710.6	3389.0	3073.2	2782.0	2487.7	2160.2	1871.7	1614.6
-10°	4874.4	4427.6	4027.6	3671.4	3345.7	3027.7	2745.0	2452.1	2136.0	1850.3	1595.8
-12.5°	4780.0	4347.2	3952.0	3599.8	3287.4	2980.9	2704.0	2402.9	2094.9	1814.6	1566.1
-15°	4655.3	4241.9	3858.6	3515.3	3213.0	2920.0	2643.3	2348.5	2054.8	1770.6	1525.4
-17.5°	4518.9	4103.0	3725.5	3402.1	3115.4	2837.6	2566.1	2291.3	2008.5	1729.3	1488.7
-20°	4364.1	3955.6	3581.6	3268.2	2997.6	2734.4	2483.4	2227.3	1944.3	1681.9	1450.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627070 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-722-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°	4141.2	3780.4	3437.6	3130.2	2871.6	2630.7	2388.9	2141.3	1861.0	1622.4	1397.9
-25°	3921.0	3585.5	3277.3	2994.8	2745.0	2516.2	2281.1	2035.6	1786.9	1552.6	1333.8
-27.5°	3705.4	3394.7	3087.6	2833.7	2609.4	2385.9	2164.9	1932.8	1703.8	1474.1	1273.7
-30°	3472.7	3182.0	2905.2	2666.9	2454.5	2247.7	2049.0	1832.3	1607.0	1389.0	1208.8
-32.5°	3217.1	2962.0	2718.1	2493.6	2295.1	2112.0	1923.4	1717.9	1495.3	1309.5	1133.6
-35°	2969.0	2733.6	2523.0	2325.1	2144.9	1977.3	1794.8	1589.0	1393.5	1219.1	1048.7
-37.5°	2747.0	2517.7	2322.7	2152.2	2001.7	1842.7	1660.7	1478.1	1294.3	1118.5	969.9
-40°	2517.3	2303.3	2130.1	1991.5	1847.5	1704.4	1544.2	1374.4	1193.0	1021.3	892.5
-42.5°	2294.6	2122.0	1951.2	1812.5	1683.4	1566.2	1431.0	1259.6	1092.9	943.8	820.0
-45°	2076.6	1919.7	1763.9	1637.3	1529.9	1420.1	1299.3	1143.5	993.8	865.7	748.9
-47.5°	1852.5	1720.5	1590.5	1472.8	1376.9	1270.2	1153.5	1021.6	898.9	783.5	680.0
-50°	1637.5	1530.3	1425.2	1323.2	1226.1	1121.9	1017.7	911.2	801.7	701.1	607.3
-52.5°	1434.9	1346.2	1257.4	1168.2	1083.3	992.2	896.1	801.3	705.0	620.9	537.1
-55°	1244.4	1168.4	1097.9	1026.4	954.9	872.7	786.0	700.6	623.7	546.5	478.2
-57.5°	1075.8	1009.0	953.0	894.6	834.1	761.3	687.1	615.0	551.2	487.3	424.1
-60°	926.8	868.5	820.5	769.6	715.9	655.1	596.2	539.1	484.0	431.8	377.4
-62.5°	786.1	739.1	695.8	652.7	609.0	563.0	512.6	466.5	423.9	379.9	330.6
-65°	652.9	616.1	579.8	545.0	509.1	472.1	432.0	395.6	360.7	325.0	282.4
-67.5°	531.5	502.7	473.3	444.2	416.2	386.9	356.4	325.9	297.5	268.4	233.8
-70°	427.9	406.2	383.3	359.0	335.9	312.9	289.3	264.7	238.6	214.9	191.2
-72.5°	345.3	329.8	312.6	293.0	272.2	252.3	233.2	214.0	194.2	173.9	153.2
-75°	279.1	267.7	254.6	238.2	221.4	204.1	188.0	171.5	153.4	133.7	114.5
-77.5°	221.0	214.0	206.0	192.9	179.6	166.2	151.8	133.8	115.5	97.3	81.5
-80°	165.7	162.4	157.6	146.2	134.8	123.4	111.4	95.7	80.1	65.4	53.7
-82.5°	109.3	107.1	104.0	96.4	88.9	81.5	74.0	63.0	52.6	42.7	34.0
-85°	59.7	57.8	55.7	52.1	48.5	44.9	41.3	35.3	29.6	24.3	19.6
-87.5°	21.8	21.1	20.3	19.6	18.8	18.0	17.2	15.4	13.7	12.0	10.4
-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: P627070 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-722-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°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	6.5	5.9	5.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.8	1.3
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.7
82.5°	0.0	0.0	0.0	0.0	0.4	0.6	0.7	0.6	0.3	0.1	0.2
80°	0.0	0.0	0.0	0.1	0.6	1.3	1.6	1.6	1.3	0.9	0.5
77.5°	0.0	0.0	0.0	0.0	0.2	0.7	1.4	2.2	2.2	1.7	1.2
75°	0.0	0.0	0.0	0.1	0.2	0.0	0.5	1.3	2.0	2.4	1.9
72.5°	0.0	0.0	0.0	0.3	0.6	0.7	0.4	0.4	1.4	2.0	2.4
70°	0.4	0.1	0.0	0.4	1.0	1.5	1.4	1.1	0.9	1.8	2.3
67.5°	1.1	1.2	0.9	0.7	1.1	1.7	2.2	2.1	1.8	1.6	2.2
65°	2.8	2.6	2.4	2.1	1.8	1.8	2.3	2.9	2.8	2.4	2.2
62.5°	4.1	4.1	3.8	3.5	3.1	2.7	2.5	3.3	3.6	3.2	2.7
60°	5.3	5.5	5.3	4.8	4.4	3.9	3.5	3.7	4.1	4.0	3.4
57.5°	7.3	7.2	7.0	6.4	5.6	5.0	4.7	4.6	4.7	4.7	4.1
55°	12.9	9.0	9.1	8.4	7.2	6.2	5.9	5.7	5.5	5.4	4.8
52.5°	32.8	18.2	11.7	10.8	9.4	7.7	7.2	6.8	6.5	6.2	5.5
50°	60.5	39.2	22.2	13.9	11.9	10.1	8.4	7.9	7.5	7.0	6.1
47.5°	96.9	67.4	43.8	22.0	15.3	12.6	10.5	9.1	8.5	7.9	6.8
45°	149.2	99.3	68.8	43.5	20.4	17.5	13.0	10.2	9.4	8.7	7.4
42.5°	207.7	145.7	96.6	65.7	39.0	24.2	15.6	12.3	10.4	9.6	8.2
40°	264.9	201.3	129.7	90.6	58.9	32.4	22.4	14.7	11.4	10.5	9.0
37.5°	328.3	260.2	181.7	117.1	79.1	49.4	30.7	17.2	13.0	11.5	9.8
35°	406.7	325.4	233.7	156.0	104.7	65.3	39.9	21.8	16.0	12.5	10.6
32.5°	484.9	390.6	290.0	201.3	131.5	79.8	51.9	31.2	19.5	13.6	11.5
30°	563.7	450.4	342.9	243.2	162.3	103.2	64.8	40.2	23.4	14.8	12.4
27.5°	634.7	506.7	392.5	287.0	198.5	127.9	78.3	49.0	27.9	16.7	13.4
25°	714.8	567.6	441.3	328.8	231.6	153.7	92.2	57.6	34.3	20.1	14.3
22.5°	817.9	630.2	486.5	366.8	264.3	178.3	110.0	69.0	41.4	23.7	15.2
20°	920.3	691.4	530.8	414.3	299.9	206.0	130.6	80.2	48.2	27.5	16.2
17.5°	1020.9	769.7	595.2	462.8	338.0	232.0	149.8	91.3	54.5	31.3	17.1
15°	1111.1	859.4	658.6	508.7	375.3	255.9	167.7	102.1	60.5	35.1	18.3
12.5°	1186.9	936.8	718.2	551.7	411.3	277.9	183.9	112.4	66.0	39.3	19.9
10°	1249.4	1002.2	773.5	591.4	445.2	297.5	198.6	122.8	72.4	43.8	21.6
7.5°	1299.4	1056.3	823.8	627.5	476.1	316.0	214.4	133.7	78.6	48.1	23.3
5°	1337.0	1098.4	862.7	653.3	500.6	332.9	228.9	143.7	84.4	52.1	25.1
2.5°	1361.5	1129.5	891.5	673.6	520.5	347.1	241.7	152.7	89.7	55.8	26.7
0°	1375.9	1151.7	913.3	689.1	535.7	358.7	252.5	160.5	94.4	59.0	28.3
-2.5°	1388.7	1166.2	932.3	716.3	546.1	377.6	259.4	167.5	101.9	61.3	31.2
-5°	1393.0	1172.6	944.8	737.2	552.4	393.0	264.3	173.3	108.4	63.2	33.8
-7.5°	1385.8	1168.8	949.2	749.1	555.4	403.8	267.2	177.8	113.7	64.7	36.1
-10°	1369.8	1156.1	943.4	745.5	559.4	407.2	268.8	181.1	117.6	65.8	38.0
-12.5°	1346.2	1137.0	931.0	737.6	558.7	405.1	273.3	183.6	119.6	66.6	39.5
-15°	1315.2	1112.1	912.1	725.9	552.0	400.2	274.4	184.6	119.4	67.9	40.3
-17.5°	1278.7	1081.8	886.6	711.0	538.9	392.9	271.9	183.4	118.2	70.0	41.2
-20°	1242.2	1048.1	856.5	693.3	519.2	383.3	265.6	180.1	116.0	71.3	42.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627070 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-722-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°	1199.3	1009.4	830.4	668.8	497.9	371.8	255.2	174.3	112.9	71.9	42.4
-25°	1150.1	964.2	799.1	635.1	481.0	358.9	244.6	166.2	108.9	71.7	42.3
-27.5°	1094.5	916.0	762.3	598.1	463.5	340.7	234.4	160.2	105.5	70.6	41.6
-30°	1032.3	870.6	718.2	562.5	442.1	321.1	221.2	153.5	104.0	69.3	40.5
-32.5°	965.4	819.5	670.8	535.4	417.8	300.8	209.4	146.0	101.4	67.6	40.5
-35°	902.7	763.8	622.4	504.1	392.1	288.7	201.6	137.6	97.7	65.3	40.8
-37.5°	835.5	705.5	584.1	471.5	364.9	274.9	195.3	133.8	93.0	62.3	40.6
-40°	770.8	650.1	539.8	440.5	344.8	259.3	185.4	129.6	88.4	58.6	40.1
-42.5°	705.4	598.1	497.4	406.7	325.9	244.2	172.6	123.2	84.8	56.5	39.2
-45°	645.1	544.4	452.3	377.2	304.8	224.9	162.7	115.1	80.2	55.0	38.3
-47.5°	581.8	489.7	411.0	344.9	277.2	203.9	150.3	108.7	74.8	53.0	37.8
-50°	516.4	437.9	372.5	309.4	243.5	186.4	136.9	101.1	72.9	51.4	36.8
-52.5°	459.2	392.4	333.0	272.8	218.0	165.9	126.8	93.0	70.3	50.1	35.5
-55°	410.0	349.1	294.1	242.9	193.8	150.8	115.3	89.1	67.1	48.5	33.9
-57.5°	366.4	308.9	262.3	216.3	173.6	136.4	107.3	84.6	63.8	46.2	32.5
-60°	324.1	276.9	233.3	192.3	154.7	123.9	101.0	79.3	59.8	43.3	30.9
-62.5°	285.0	243.5	205.5	168.5	137.8	113.7	93.8	73.1	55.1	39.7	28.8
-65°	244.0	208.6	176.5	147.4	122.5	101.7	84.4	66.1	48.9	35.4	26.1
-67.5°	201.3	175.3	150.3	126.0	105.7	88.3	73.7	56.8	41.6	30.4	22.9
-70°	167.6	144.8	123.6	104.5	87.9	73.7	60.3	45.9	33.6	26.0	19.6
-72.5°	133.4	114.8	97.4	82.3	70.4	58.4	46.1	35.1	27.9	21.5	16.0
-75°	98.8	86.2	74.9	64.3	53.6	43.1	35.2	27.9	22.0	16.7	13.5
-77.5°	71.7	62.6	54.2	47.6	40.2	33.2	26.6	20.5	16.6	13.9	11.3
-80°	48.7	43.9	39.3	34.6	28.7	23.1	19.1	15.8	13.4	11.2	9.1
-82.5°	30.7	28.1	25.8	23.5	20.0	16.9	14.2	11.9	10.1	8.4	7.4
-85°	18.2	16.8	15.5	14.2	12.3	10.6	9.8	9.0	8.3	7.5	6.7
-87.5°	10.3	10.1	10.0	9.8	9.3	8.8	8.4	8.1	7.4	6.7	6.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.2	1.8

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REPORT NUMBER: P627070 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	4.7	4.1	3.6	3.0	2.4	2.4	2.4
87.5°	1.8	2.0	2.2	2.3	2.4	2.4	2.4
85°	1.2	1.6	2.0	2.2	2.4	2.4	2.4
82.5°	0.6	1.3	1.8	2.2	2.4	2.4	2.4
80°	0.1	0.9	1.6	2.1	2.4	2.4	2.4
77.5°	0.7	0.8	1.4	2.0	2.4	2.4	2.4
75°	1.3	1.2	1.3	2.0	2.4	2.4	2.4
72.5°	1.9	1.6	1.5	1.9	2.4	2.4	2.4
70°	2.4	1.9	1.7	1.9	2.4	2.4	2.4
67.5°	2.5	2.2	1.9	2.0	2.4	2.4	2.4
65°	2.6	2.5	2.1	2.1	2.4	2.4	2.4
62.5°	2.7	2.7	2.3	2.2	2.4	2.4	2.4
60°	2.8	2.9	2.4	2.2	2.4	2.4	2.4
57.5°	3.4	3.1	2.6	2.3	2.4	2.4	2.4
55°	4.0	3.3	2.8	2.3	2.5	2.4	2.4
52.5°	4.5	3.6	3.1	2.4	2.5	2.4	2.4
50°	5.1	4.1	3.3	2.4	2.6	2.4	2.4
47.5°	5.7	4.6	3.6	2.5	2.6	2.4	2.4
45°	6.2	5.0	3.9	2.7	2.7	2.4	2.4
42.5°	6.8	5.5	4.2	2.9	2.8	2.4	2.4
40°	7.3	5.9	4.5	3.2	2.8	2.4	2.4
37.5°	7.8	6.3	4.8	3.5	2.9	2.4	2.4
35°	8.3	6.8	5.2	3.8	3.0	2.4	2.4
32.5°	8.8	7.1	5.5	4.1	3.1	2.4	2.4
30°	9.5	7.5	5.8	4.4	3.2	2.4	2.4
27.5°	10.3	7.9	6.2	4.6	3.4	2.4	2.4
25°	11.0	8.2	6.5	4.9	3.5	2.4	2.4
22.5°	11.7	8.6	6.9	5.2	3.6	2.4	2.4
20°	12.3	9.0	7.2	5.4	3.7	2.4	2.4
17.5°	13.0	9.4	7.6	5.7	3.9	2.4	2.4
15°	13.7	9.8	7.9	5.9	4.0	2.4	2.4
12.5°	14.3	10.2	8.2	6.1	4.1	2.4	2.4
10°	14.8	10.6	8.4	6.4	4.2	2.4	2.4
7.5°	15.3	10.9	8.7	6.6	4.4	2.4	2.4
5°	15.8	11.2	9.0	6.8	4.5	2.4	2.4
2.5°	16.2	11.5	9.2	6.9	4.6	2.4	2.4
0°	16.5	11.8	9.4	7.1	4.7	2.4	2.4
-2.5°	17.4	12.1	9.6	7.1	4.7	2.4	2.4
-5°	18.3	12.3	9.8	7.1	4.7	2.4	2.4
-7.5°	19.0	12.5	9.9	7.0	4.7	2.4	2.4
-10°	19.6	12.7	10.0	7.0	4.6	2.4	2.4
-12.5°	20.1	12.8	10.1	6.9	4.6	2.4	2.4
-15°	20.4	13.0	10.2	6.9	4.5	2.4	2.4
-17.5°	20.5	13.1	10.2	6.8	4.5	2.4	2.4
-20°	21.0	13.1	10.1	6.7	4.4	2.4	2.4

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CATALOG NUMBER: GFLD-SA3B-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	22.4	13.2	10.0	6.5	4.3	2.4	2.4
-25°	23.5	14.1	9.8	6.4	4.3	2.4	2.4
-27.5°	24.3	15.2	9.6	6.3	4.2	2.4	2.4
-30°	24.9	16.1	9.3	6.1	4.1	2.4	2.4
-32.5°	25.2	16.9	9.7	6.0	4.0	2.4	2.4
-35°	25.9	17.5	9.9	5.8	3.9	2.4	2.4
-37.5°	26.6	17.9	10.1	5.6	3.7	2.4	2.4
-40°	27.0	18.0	10.2	5.4	3.6	2.4	2.4
-42.5°	27.2	18.0	10.3	5.3	3.5	2.4	2.4
-45°	27.0	17.9	10.3	5.3	3.4	2.4	2.4
-47.5°	26.6	17.6	10.2	5.3	3.2	2.4	2.4
-50°	26.1	17.2	10.0	5.2	3.1	2.4	2.4
-52.5°	25.3	16.7	9.7	5.1	2.9	2.4	2.4
-55°	24.4	16.0	9.3	5.0	2.7	2.4	2.4
-57.5°	23.4	15.1	8.8	4.8	2.6	2.4	2.4
-60°	22.1	14.1	8.2	4.6	2.4	2.4	2.4
-62.5°	20.3	12.9	7.7	4.4	2.4	2.4	2.4
-65°	18.3	11.6	7.2	4.1	2.4	2.4	2.4
-67.5°	16.1	10.4	6.7	3.8	2.4	2.4	2.4
-70°	13.7	9.5	6.1	3.4	2.4	2.4	2.4
-72.5°	12.1	8.4	5.4	3.4	2.4	2.4	2.4
-75°	10.6	7.4	4.7	3.3	2.4	2.4	2.4
-77.5°	8.9	6.2	4.5	3.3	2.4	2.4	2.4
-80°	7.2	5.6	4.3	3.2	2.4	2.4	2.4
-82.5°	6.5	5.3	4.1	3.2	2.4	2.4	2.4
-85°	5.9	4.9	4.0	3.1	2.4	2.4	2.4
-87.5°	5.3	4.5	3.8	3.1	2.4	2.4	2.4
-90°	2.4	2.4	2.4	2.4	2.4	2.4	2.4

(END OF REPORT)