

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: P626820 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-750-U-VWR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626820 (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-SA1E-750-U-VWR-VSR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR  
Light Source: (16) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

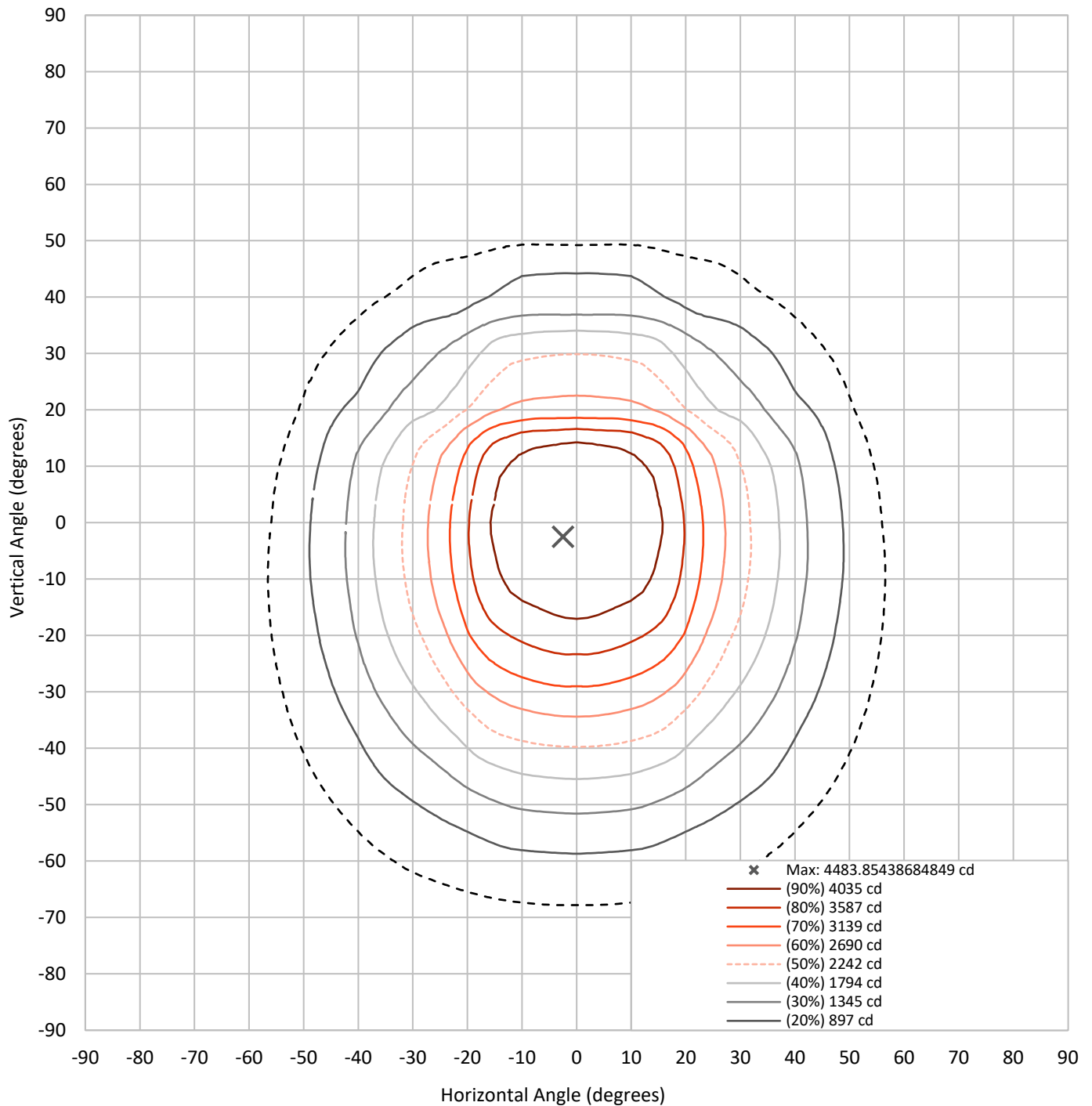
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	5983.8 lumens	Max Intensity:	4483.9 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	90.4 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' 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:	3462.1 lumens	Field Lumens:	5678.3 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	66.2		
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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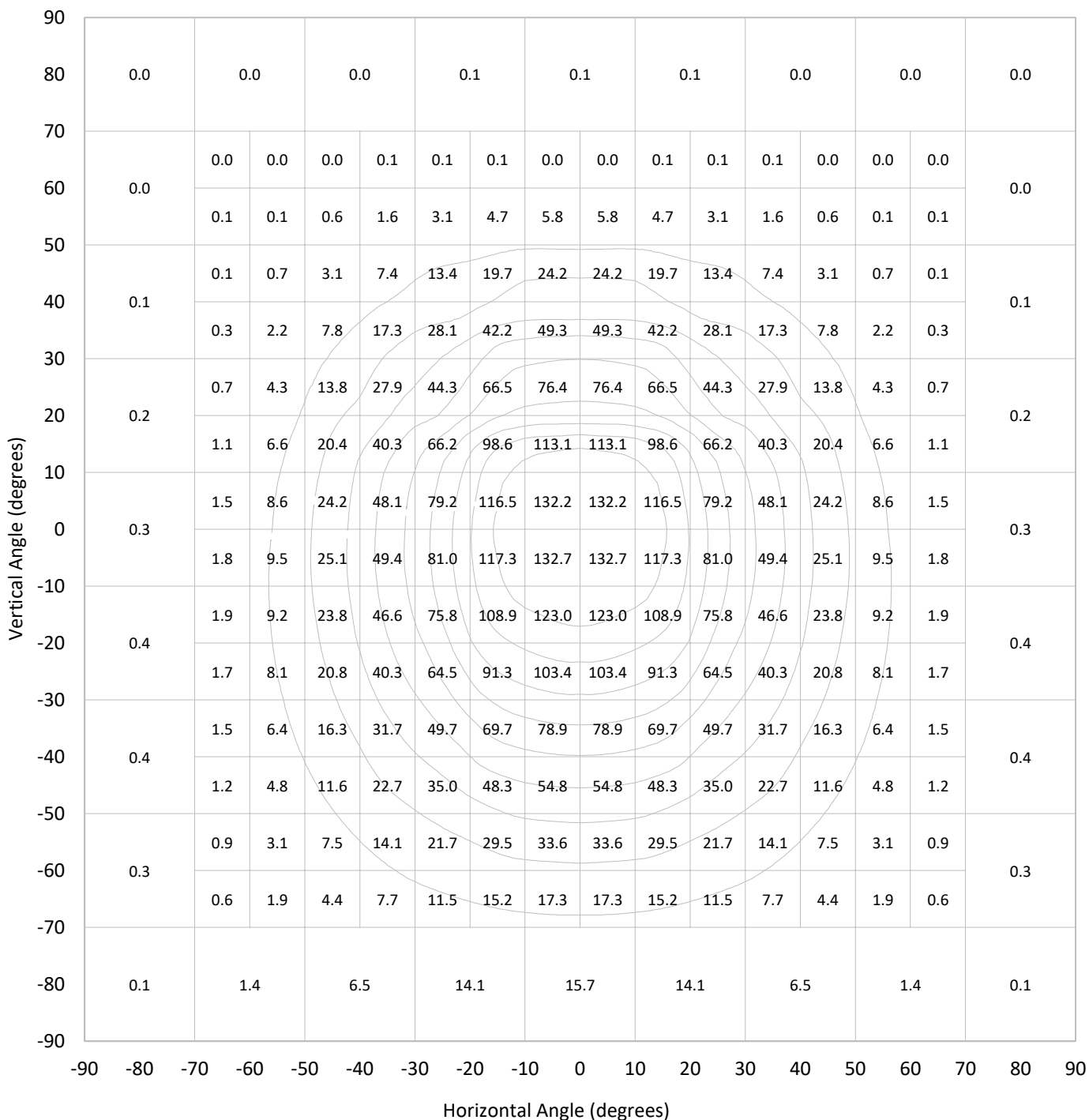
### Iso-Candela Plot





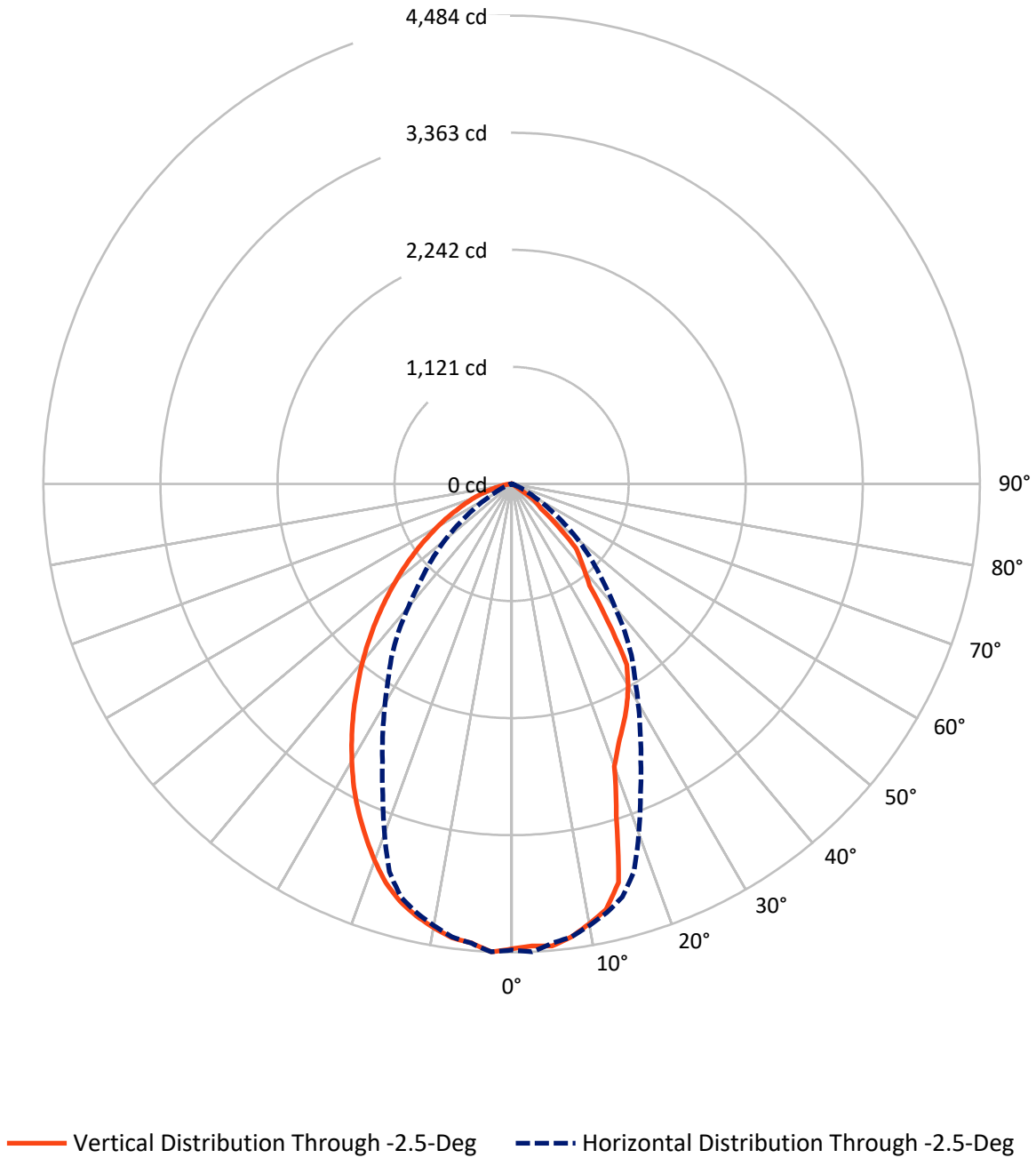
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### Lumen Table



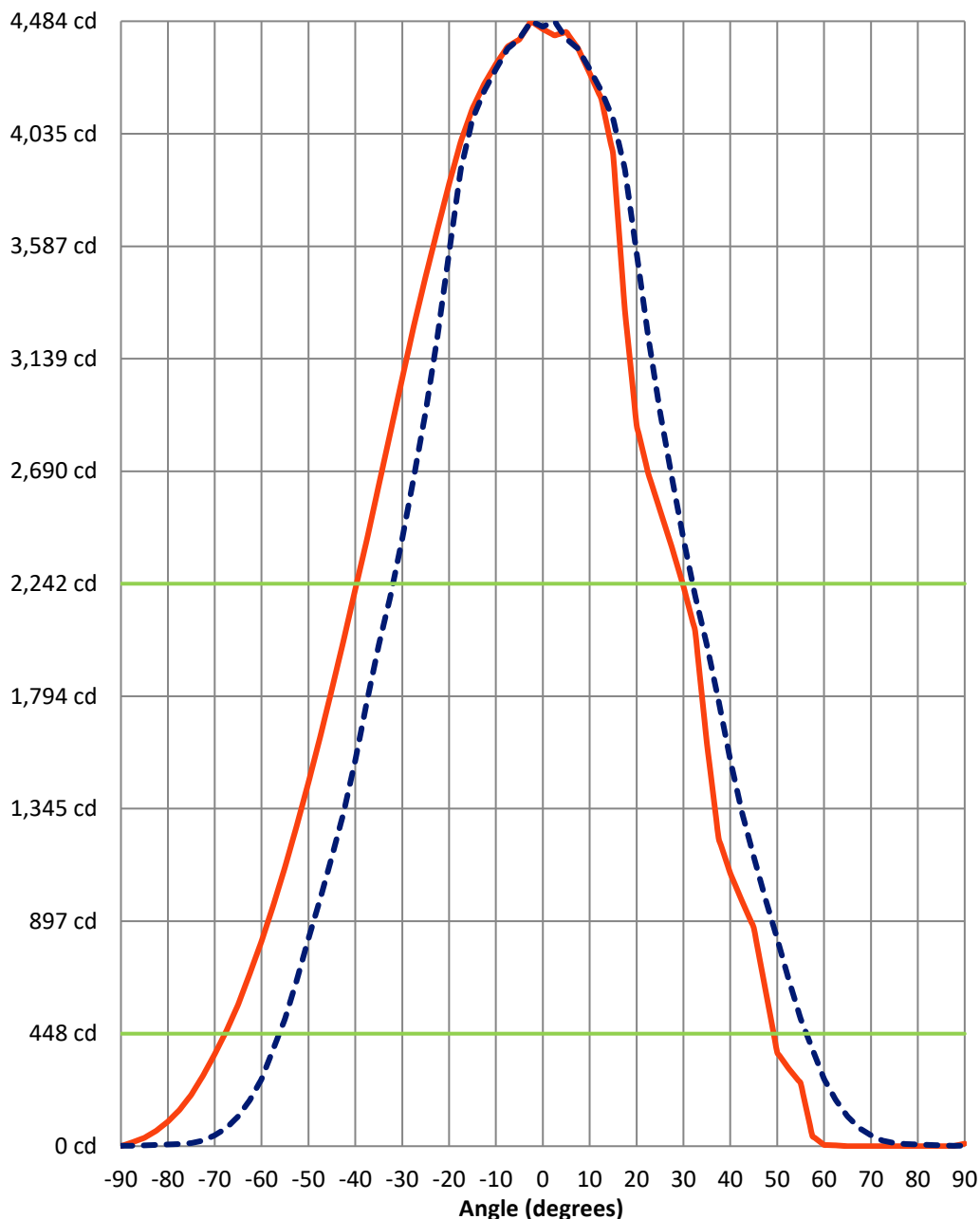
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CATALOG NUMBER: GFLD-SA1E-750-U-VWR-VSR-XX

### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 63.9°  
 V Angle: 69.6°  
 Lumens: 3462.1  
 Efficiency: 57.9%

**Field:**  
 H Angle: 112.5°  
 V Angle: 117.1°  
 Lumens: 5678.3  
 Efficiency: 94.9%

**Spill:**  
 Lumens: 305.6  
 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°	1.7	1.7	1.7	2.1	2.5	2.9	3.3	3.7	4.2	4.6	5.0
87.5°	1.7	1.7	1.7	1.6	1.6	1.4	1.3	0.9	0.6	0.3	0.0
85°	1.7	1.7	1.7	1.6	1.4	1.2	0.8	0.5	0.3	0.1	0.0
82.5°	1.7	1.7	1.7	1.5	1.3	0.9	0.4	0.1	0.0	0.2	0.5
80°	1.7	1.7	1.7	1.5	1.1	0.6	0.1	0.3	0.6	0.9	1.2
77.5°	1.7	1.7	1.7	1.4	1.0	0.6	0.5	0.8	1.2	1.5	1.5
75°	1.7	1.7	1.7	1.4	0.9	0.8	1.0	1.3	1.7	1.4	0.9
72.5°	1.7	1.7	1.7	1.4	1.1	1.1	1.4	1.7	1.4	1.0	0.3
70°	1.7	1.7	1.7	1.4	1.2	1.4	1.7	1.6	1.2	0.6	0.8
67.5°	1.7	1.7	1.7	1.4	1.4	1.6	1.7	1.6	1.1	1.3	1.5
65°	1.7	1.7	1.7	1.5	1.5	1.8	1.8	1.6	1.7	1.9	2.1
62.5°	1.7	1.7	1.7	1.5	1.6	1.9	1.9	1.9	2.2	2.5	2.3
60°	1.7	1.7	1.7	1.6	1.7	2.0	2.0	2.4	2.8	2.9	2.6
57.5°	1.7	1.7	1.7	1.6	1.8	2.2	2.4	2.9	3.3	3.3	3.3
55°	1.7	1.7	1.7	1.6	2.0	2.3	2.8	3.3	3.8	3.9	4.1
52.5°	1.7	1.7	1.8	1.7	2.2	2.6	3.2	3.8	4.3	4.6	4.8
50°	1.7	1.7	1.8	1.7	2.4	2.9	3.6	4.3	4.9	5.3	5.6
47.5°	1.7	1.7	1.8	1.7	2.5	3.2	4.0	4.8	5.6	6.0	6.4
45°	1.7	1.7	1.9	1.9	2.7	3.5	4.4	5.3	6.2	6.7	7.2
42.5°	1.7	1.7	1.9	2.0	2.9	3.9	4.8	5.8	6.8	7.4	8.8
40°	1.7	1.7	2.0	2.2	3.2	4.2	5.2	6.3	7.5	8.1	10.5
37.5°	1.7	1.7	2.1	2.4	3.4	4.5	5.5	6.9	8.2	9.2	12.2
35°	1.7	1.7	2.1	2.7	3.6	4.8	5.9	7.5	8.9	11.3	15.5
32.5°	1.7	1.7	2.2	2.9	3.9	5.0	6.3	8.2	9.7	13.8	22.1
30°	1.7	1.7	2.3	3.1	4.1	5.3	6.8	8.8	10.5	16.6	28.5
27.5°	1.7	1.7	2.4	3.3	4.3	5.6	7.3	9.5	11.9	19.7	34.8
25°	1.7	1.7	2.4	3.5	4.6	5.8	7.8	10.1	14.3	24.3	40.9
22.5°	1.7	1.7	2.5	3.6	4.9	6.1	8.2	10.8	16.8	29.4	48.9
20°	1.7	1.7	2.6	3.8	5.1	6.4	8.7	11.4	19.5	34.1	56.9
17.5°	1.7	1.7	2.7	4.0	5.4	6.7	9.2	12.1	22.2	38.7	64.8
15°	1.7	1.7	2.8	4.2	5.6	7.0	9.7	12.9	24.9	42.9	72.4
12.5°	1.7	1.7	2.9	4.3	5.8	7.3	10.1	14.1	27.9	46.8	79.8
10°	1.7	1.7	3.0	4.5	6.0	7.5	10.5	15.3	31.0	51.3	87.1
7.5°	1.7	1.7	3.1	4.6	6.2	7.8	10.8	16.6	34.1	55.8	94.8
5°	1.7	1.7	3.1	4.8	6.4	8.0	11.2	17.8	36.9	59.9	101.9
2.5°	1.7	1.7	3.2	4.9	6.5	8.2	11.5	19.0	39.5	63.7	108.3
0°	1.7	1.7	3.3	5.0	6.7	8.4	11.7	20.1	41.8	67.0	113.8
-2.5°	1.7	1.7	3.3	5.0	6.8	8.6	12.3	22.1	43.5	72.3	118.8
-5°	1.7	1.7	3.3	5.0	7.0	8.7	12.9	24.0	44.8	76.9	122.9
-7.5°	1.7	1.7	3.3	5.0	7.1	8.9	13.5	25.7	45.9	80.6	126.1
-10°	1.7	1.7	3.3	4.9	7.2	9.0	13.9	27.0	46.7	83.4	128.5
-12.5°	1.7	1.7	3.2	4.9	7.2	9.1	14.2	28.0	47.2	84.8	130.3
-15°	1.7	1.7	3.2	4.8	7.2	9.2	14.4	28.6	48.2	84.6	130.9
-17.5°	1.7	1.7	3.2	4.8	7.2	9.2	14.5	29.2	49.6	83.8	130.1
-20°	1.7	1.7	3.1	4.7	7.2	9.3	14.9	29.8	50.6	82.3	127.7

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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°	1.7	1.7	3.1	4.6	7.1	9.3	15.8	30.1	51.0	80.1	123.6
-25°	1.7	1.7	3.0	4.5	7.0	10.0	16.6	30.0	50.8	77.2	117.8
-27.5°	1.7	1.7	2.9	4.4	6.8	10.7	17.2	29.5	50.1	74.8	113.6
-30°	1.7	1.7	2.9	4.3	6.6	11.4	17.6	28.7	49.2	73.7	108.8
-32.5°	1.7	1.7	2.8	4.2	6.9	12.0	17.9	28.7	48.0	71.9	103.5
-35°	1.7	1.7	2.7	4.1	7.0	12.4	18.4	28.9	46.3	69.3	97.5
-37.5°	1.7	1.7	2.6	3.9	7.1	12.7	18.8	28.8	44.2	66.0	94.9
-40°	1.7	1.7	2.6	3.8	7.2	12.8	19.2	28.4	41.6	62.8	91.9
-42.5°	1.7	1.7	2.5	3.7	7.2	12.8	19.3	27.8	40.1	60.1	87.4
-45°	1.7	1.7	2.4	3.7	7.3	12.7	19.2	27.2	39.0	56.9	81.7
-47.5°	1.7	1.7	2.3	3.7	7.2	12.5	18.9	26.8	37.6	53.1	77.1
-50°	1.7	1.7	2.2	3.7	7.1	12.2	18.5	26.1	36.5	51.7	71.8
-52.5°	1.7	1.7	2.0	3.6	6.9	11.8	18.0	25.2	35.5	49.9	66.0
-55°	1.7	1.7	1.9	3.5	6.6	11.3	17.3	24.1	34.4	47.6	63.2
-57.5°	1.7	1.7	1.8	3.4	6.2	10.7	16.5	23.0	32.7	45.2	60.0
-60°	1.7	1.7	1.7	3.2	5.7	10.0	15.6	21.9	30.7	42.4	56.2
-62.5°	1.7	1.7	1.7	3.1	5.4	9.1	14.4	20.4	28.1	39.1	51.8
-65°	1.7	1.7	1.7	2.9	5.1	8.2	12.9	18.5	25.1	34.7	46.8
-67.5°	1.7	1.7	1.7	2.7	4.7	7.3	11.4	16.2	21.5	29.5	40.2
-70°	1.7	1.7	1.7	2.4	4.3	6.7	9.7	13.8	18.4	23.8	32.5
-72.5°	1.7	1.7	1.7	2.4	3.8	5.9	8.5	11.3	15.2	19.7	24.9
-75°	1.7	1.7	1.7	2.4	3.3	5.2	7.4	9.5	11.8	15.5	19.8
-77.5°	1.7	1.7	1.7	2.3	3.2	4.4	6.3	8.0	9.8	11.8	14.5
-80°	1.7	1.7	1.7	2.3	3.0	3.9	5.1	6.4	7.9	9.5	11.2
-82.5°	1.7	1.7	1.7	2.3	2.9	3.7	4.6	5.2	6.0	7.2	8.4
-85°	1.7	1.7	1.7	2.2	2.8	3.4	4.2	4.7	5.3	5.9	6.4
-87.5°	1.7	1.7	1.7	2.2	2.6	3.2	3.7	4.2	4.7	5.2	5.7
-90°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.3	0.8	0.4	0.0





REPORT NUMBER: P626820 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-750-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°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.4	5.9	6.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.5	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.1	0.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	1.0	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.4	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.3	0.5	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1.0	1.0	0.7	0.3	0.0	0.1	0.2	0.2	0.0	0.1	0.2
67.5°	1.6	1.2	0.8	0.5	0.6	0.9	0.8	0.9	0.9	1.0	0.9
65°	1.7	1.3	1.3	1.5	1.7	1.8	1.9	2.1	1.8	1.5	1.6
62.5°	1.8	1.9	2.2	2.4	2.7	2.9	2.9	2.6	2.0	2.5	2.9
60°	2.5	2.7	3.1	3.4	3.7	3.9	3.8	3.8	4.2	4.9	9.4
57.5°	3.3	3.5	4.0	4.5	5.0	5.0	5.2	5.7	13.3	21.7	23.9
55°	4.2	4.4	5.1	5.9	6.4	6.4	9.2	19.4	29.2	40.5	44.6
52.5°	5.1	5.4	6.7	7.7	8.3	12.9	23.2	37.1	51.6	64.5	81.2
50°	5.9	7.2	8.4	9.9	15.7	27.8	42.9	61.7	83.7	104.3	125.5
47.5°	7.5	9.0	10.9	15.6	31.1	47.8	68.7	99.0	126.0	151.1	180.1
45°	9.2	12.4	14.5	30.9	48.8	70.4	105.8	142.9	167.4	200.9	252.2
42.5°	11.0	17.1	27.7	46.6	68.5	103.3	147.2	178.8	211.5	265.7	319.7
40°	15.9	23.0	41.8	64.3	92.0	142.8	187.9	223.6	268.2	328.3	384.7
37.5°	21.8	35.1	56.1	83.1	128.9	184.5	232.8	283.9	335.2	391.9	496.4
35°	28.3	46.3	74.3	110.7	165.8	230.8	288.4	345.5	404.6	516.2	619.9
32.5°	36.8	56.6	93.3	142.8	205.6	277.1	343.9	409.9	504.7	631.0	735.0
30°	46.0	73.2	115.1	172.5	243.2	319.4	399.8	479.7	605.1	709.6	822.6
27.5°	55.6	90.8	140.8	203.5	278.4	359.4	450.1	564.1	676.0	779.2	903.3
25°	65.4	109.0	164.2	233.2	313.0	402.6	507.0	645.8	733.3	847.4	976.8
22.5°	78.0	126.5	187.4	260.1	345.0	447.0	580.1	719.5	822.5	918.4	1044.9
20°	92.6	146.1	212.7	293.8	376.5	490.3	652.8	799.4	920.5	1030.4	1146.6
17.5°	106.3	164.5	239.7	328.2	422.2	545.9	724.1	886.4	1019.6	1142.1	1287.1
15°	118.9	181.5	266.2	360.8	467.1	609.5	788.1	966.3	1118.5	1256.3	1421.1
12.5°	130.4	197.0	291.7	391.3	509.4	664.4	841.8	1015.8	1183.0	1362.5	1549.6
10°	140.8	211.0	315.8	419.5	548.6	710.8	886.2	1057.0	1225.7	1415.7	1623.6
7.5°	152.0	224.1	337.6	445.0	584.3	749.2	921.6	1090.1	1260.3	1458.3	1671.6
5°	162.3	236.1	355.0	463.3	611.9	779.1	948.3	1115.2	1286.5	1490.0	1708.0
2.5°	171.4	246.2	369.2	477.7	632.3	801.1	965.6	1136.1	1305.9	1515.7	1735.8
0°	179.1	254.4	380.0	488.7	647.8	816.8	975.8	1149.9	1317.3	1533.2	1754.1
-2.5°	184.0	267.8	387.4	508.0	661.3	827.1	984.9	1153.8	1329.5	1538.7	1774.7
-5°	187.5	278.7	391.8	522.8	670.1	831.7	988.0	1150.8	1332.8	1537.3	1777.7
-7.5°	189.5	286.4	393.9	531.3	673.2	828.9	982.9	1145.1	1327.4	1532.1	1764.4
-10°	190.7	288.8	396.8	528.7	669.1	820.0	971.5	1131.8	1312.3	1514.9	1739.1
-12.5°	193.8	287.3	396.3	523.1	660.3	806.4	954.8	1110.7	1287.0	1485.7	1704.2
-15°	194.6	283.8	391.5	514.8	646.9	788.7	932.8	1081.9	1255.8	1457.3	1665.6
-17.5°	192.9	278.6	382.2	504.3	628.9	767.2	906.9	1055.8	1226.5	1424.5	1625.1
-20°	188.4	271.9	368.2	491.8	607.5	743.3	881.0	1028.6	1192.8	1378.9	1579.7

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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°	181.1	263.7	353.1	474.4	589.0	715.9	850.6	991.4	1150.7	1319.9	1518.7
-25°	173.5	254.5	341.1	450.4	566.8	683.9	815.7	946.0	1101.2	1267.3	1443.7
-27.5°	166.3	241.6	328.7	424.2	540.7	649.7	776.2	903.3	1045.4	1208.3	1370.8
-30°	156.9	227.8	313.5	399.0	509.4	617.5	732.2	857.3	985.1	1139.7	1299.5
-32.5°	148.5	213.3	296.3	379.7	475.8	581.2	684.7	804.0	928.7	1060.5	1218.4
-35°	143.0	204.8	278.0	357.5	441.5	541.7	640.2	743.8	864.6	988.3	1126.9
-37.5°	138.5	194.9	258.8	334.4	414.3	500.4	592.6	687.9	793.3	918.0	1048.3
-40°	131.4	183.8	244.5	312.4	382.8	461.1	546.7	633.0	724.3	846.1	974.8
-42.5°	122.4	173.2	231.1	288.4	352.7	424.2	500.3	581.5	669.3	775.2	893.4
-45°	115.4	159.5	216.1	267.4	320.7	386.1	457.5	531.1	614.0	704.8	811.0
-47.5°	106.6	144.6	196.6	244.5	291.5	347.3	412.6	482.3	555.6	637.5	724.5
-50°	97.1	132.2	172.7	219.4	264.1	310.5	366.2	430.7	497.2	568.6	646.2
-52.5°	89.9	117.7	154.7	193.5	236.2	278.3	325.7	380.9	440.4	500.0	568.3
-55°	81.8	107.0	137.5	172.3	208.7	247.6	290.8	339.2	387.6	442.4	496.9
-57.5°	76.1	96.7	123.1	153.4	186.0	219.1	259.9	300.8	345.7	391.0	436.2
-60°	71.6	87.8	109.7	136.4	165.5	196.4	229.9	267.6	306.3	343.3	382.4
-62.5°	66.5	80.6	97.7	119.5	145.8	172.7	202.1	234.5	269.4	300.6	330.9
-65°	59.9	72.1	86.8	104.5	125.2	147.9	173.0	200.3	230.5	255.8	280.5
-67.5°	52.3	62.6	74.9	89.4	106.6	124.3	142.7	165.8	190.3	211.0	231.2
-70°	42.7	52.3	62.4	74.2	87.7	102.7	118.9	135.6	152.4	169.3	187.7
-72.5°	32.7	41.4	50.0	58.4	69.1	81.4	94.7	108.7	123.3	137.7	151.8
-75°	24.9	30.6	38.0	45.6	53.1	61.1	70.0	81.2	94.8	108.8	121.6
-77.5°	18.8	23.6	28.5	33.7	38.4	44.3	50.8	57.7	69.0	81.9	94.9
-80°	13.6	16.4	20.4	24.6	27.9	31.1	34.5	38.0	46.4	56.8	67.9
-82.5°	10.1	12.0	14.2	16.7	18.3	20.0	21.8	24.1	30.3	37.3	44.7
-85°	6.9	7.5	8.7	10.1	11.0	12.0	12.9	13.9	17.3	21.0	25.0
-87.5°	6.0	6.3	6.6	6.9	7.1	7.2	7.3	7.4	8.5	9.7	10.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: GFLD-SA1E-750-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	6.7	7.1	7.6	8.0	8.4	8.8	9.2	9.6	10.0	10.0	10.0
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°	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.8	0.9	0.9	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.8	1.7	1.3	0.8	0.4	0.6	1.0	1.2	1.2	1.1	0.9
62.5°	2.7	2.4	2.2	2.5	3.0	3.5	3.3	3.2	3.0	2.8	2.9
60°	9.9	6.6	7.6	9.6	8.9	6.1	10.1	11.4	9.7	6.7	6.4
57.5°	25.1	24.2	27.8	40.5	44.6	40.6	48.5	58.9	58.6	50.5	50.2
55°	53.4	71.7	93.7	97.3	112.7	143.4	167.3	156.8	156.8	164.7	190.1
52.5°	101.5	118.8	125.2	142.3	174.4	197.6	212.6	228.1	245.1	262.4	279.9
50°	149.0	165.8	184.7	202.3	246.6	270.5	266.6	298.7	339.7	365.3	378.5
47.5°	218.6	244.9	285.1	348.0	381.1	405.1	434.9	471.2	518.2	582.0	631.1
45°	300.5	341.9	404.1	470.9	522.3	545.7	579.8	636.1	711.0	784.0	837.4
42.5°	367.4	424.3	494.4	558.2	600.2	638.6	682.8	730.2	816.1	894.1	955.7
40°	454.8	499.1	577.7	637.9	675.4	713.6	783.5	854.5	935.3	1007.9	1058.4
37.5°	565.5	615.3	697.1	765.2	801.4	814.8	933.8	1032.6	1098.3	1191.0	1221.3
35°	684.4	766.5	870.7	959.0	994.4	1065.2	1187.7	1325.6	1475.0	1530.0	1576.8
32.5°	817.1	918.4	1059.8	1154.6	1205.1	1312.5	1467.5	1614.8	1810.1	1916.2	1947.8
30°	938.5	1054.8	1176.3	1268.4	1354.8	1484.1	1625.6	1807.1	1987.7	2123.2	2165.4
27.5°	1027.6	1156.2	1273.1	1359.3	1456.9	1596.3	1772.6	1956.4	2133.7	2272.0	2321.2
25°	1112.6	1258.0	1350.5	1450.8	1565.4	1717.3	1912.7	2116.9	2291.6	2408.5	2468.8
22.5°	1209.4	1352.7	1452.0	1536.9	1686.7	1861.8	2043.1	2273.9	2459.0	2552.3	2617.6
20°	1309.2	1471.4	1624.8	1703.8	1833.4	2055.0	2258.1	2475.9	2654.6	2751.9	2820.7
17.5°	1448.5	1655.2	1843.3	1955.2	2094.0	2359.0	2612.3	2832.7	3081.4	3169.1	3253.2
15°	1595.4	1834.6	2055.0	2232.2	2411.5	2674.1	3000.2	3266.2	3549.8	3676.5	3819.7
12.5°	1741.8	1968.2	2167.9	2396.5	2649.1	2881.4	3191.9	3523.1	3780.5	3942.0	4038.5
10°	1851.3	2061.5	2253.7	2482.8	2735.0	2997.8	3306.3	3645.8	3915.2	4053.1	4131.7
7.5°	1910.4	2111.6	2314.2	2546.5	2797.6	3077.4	3395.3	3732.1	4007.6	4141.2	4218.8
5°	1954.2	2147.4	2357.3	2601.8	2855.7	3139.4	3456.8	3789.6	4040.9	4182.8	4281.1
2.5°	1980.8	2170.2	2384.8	2637.5	2892.0	3187.5	3520.3	3865.3	4085.1	4199.3	4289.7
0°	1988.5	2179.3	2400.2	2656.3	2917.4	3215.4	3545.1	3886.5	4109.2	4219.6	4311.7
-2.5°	1997.1	2193.6	2420.6	2668.4	2927.3	3224.5	3561.0	3893.7	4094.0	4205.5	4293.0
-5°	1991.1	2194.7	2421.0	2658.4	2919.0	3213.7	3536.9	3847.9	4057.4	4177.9	4265.0
-7.5°	1973.1	2179.6	2403.5	2631.7	2887.3	3185.4	3507.2	3806.7	4018.9	4146.1	4241.3
-10°	1946.8	2147.3	2372.8	2603.9	2856.5	3140.2	3457.0	3754.8	3957.9	4092.9	4203.9
-12.5°	1917.8	2114.1	2331.5	2553.1	2803.0	3083.2	3390.1	3672.0	3873.9	4021.1	4100.4
-15°	1874.7	2071.0	2278.7	2493.1	2736.6	3008.5	3301.7	3572.1	3770.4	3890.2	3977.8
-17.5°	1820.0	2012.5	2209.5	2412.8	2642.2	2910.0	3205.0	3471.7	3633.3	3740.3	3826.4
-20°	1761.3	1939.3	2126.0	2317.9	2540.2	2805.4	3095.1	3327.8	3480.1	3582.9	3664.3



REPORT NUMBER: P626820 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-750-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°	1694.3	1865.8	2036.6	2220.0	2438.0	2681.1	2937.1	3161.9	3325.7	3419.3	3494.5
-25°	1617.8	1784.6	1946.9	2124.0	2324.4	2542.9	2780.8	3001.8	3148.5	3247.9	3322.5
-27.5°	1535.4	1692.1	1850.6	2009.7	2189.8	2407.6	2627.9	2833.2	2958.4	3058.6	3133.7
-30°	1453.2	1594.2	1740.8	1891.4	2060.5	2256.8	2462.9	2635.5	2767.5	2864.9	2934.6
-32.5°	1364.1	1497.9	1627.8	1768.6	1927.7	2100.8	2281.7	2445.8	2586.9	2676.1	2734.8
-35°	1272.9	1402.4	1521.3	1649.0	1789.4	1938.7	2105.7	2267.6	2406.9	2477.5	2534.8
-37.5°	1177.8	1306.9	1419.7	1526.4	1647.4	1785.6	1948.2	2102.7	2223.1	2283.8	2335.4
-40°	1095.1	1208.8	1310.3	1412.4	1510.8	1633.6	1785.3	1934.9	2031.5	2090.6	2138.5
-42.5°	1014.9	1110.8	1193.9	1285.4	1383.9	1504.9	1627.4	1752.8	1830.4	1896.0	1946.5
-45°	921.5	1007.2	1085.0	1161.2	1251.0	1361.5	1472.8	1573.2	1645.9	1709.3	1758.5
-47.5°	818.1	900.9	976.5	1044.6	1128.0	1220.2	1313.9	1397.5	1469.3	1531.9	1575.8
-50°	721.8	795.7	869.6	938.5	1010.8	1085.4	1161.3	1234.7	1302.9	1363.8	1401.1
-52.5°	635.5	703.7	768.2	828.5	891.7	954.8	1017.7	1084.9	1147.6	1205.2	1235.0
-55°	557.4	618.9	677.2	727.9	778.6	828.6	882.6	944.6	1002.4	1055.7	1077.1
-57.5°	487.3	540.0	591.5	634.4	675.8	715.6	762.9	815.3	865.9	911.6	929.1
-60°	422.9	464.7	507.8	545.8	581.9	616.0	657.3	699.5	740.5	775.0	789.9
-62.5°	363.6	399.3	432.0	462.9	493.5	524.2	557.5	591.0	624.1	650.7	664.1
-65°	306.4	334.8	361.1	386.5	411.3	437.0	463.1	488.5	513.0	532.0	543.7
-67.5°	252.7	274.3	295.2	315.0	335.6	356.6	377.0	396.5	414.9	429.6	440.7
-70°	205.2	221.9	238.2	254.6	271.8	288.1	303.4	318.0	331.7	342.3	350.9
-72.5°	165.4	179.0	193.1	207.8	221.8	233.9	244.9	255.6	265.8	271.8	276.2
-75°	133.3	144.7	157.0	169.0	180.6	189.8	198.0	205.8	213.4	213.8	212.2
-77.5°	107.7	117.9	127.4	136.8	146.1	151.8	156.7	161.8	167.0	164.0	159.3
-80°	79.0	87.6	95.6	103.7	111.8	115.2	117.5	119.5	121.3	117.3	112.5
-82.5°	52.5	57.8	63.1	68.4	73.8	76.0	77.6	78.9	79.9	76.4	72.3
-85°	29.3	31.9	34.4	36.9	39.5	41.0	42.4	43.7	44.8	42.7	40.3
-87.5°	12.2	12.8	13.3	13.9	14.5	15.0	15.5	16.0	16.5	16.5	16.6
-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: P626820 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-750-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°	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	9.6
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°	0.5	0.1	0.0	0.0	0.0	0.1	0.5	0.9	1.1	1.2	1.2
62.5°	3.0	3.2	3.3	3.3	3.3	3.2	3.0	2.9	2.8	3.0	3.2
60°	5.9	5.2	5.0	5.0	5.0	5.2	5.9	6.4	6.7	9.7	11.4
57.5°	46.4	39.7	40.7	45.2	40.7	39.7	46.4	50.2	50.5	58.6	58.9
55°	216.8	242.0	250.9	246.0	250.9	242.0	216.8	190.1	164.7	156.8	156.8
52.5°	293.8	304.2	308.2	308.0	308.2	304.2	293.8	279.9	262.4	245.1	228.1
50°	382.5	379.0	373.6	368.2	373.6	379.0	382.5	378.5	365.3	339.7	298.7
47.5°	638.3	627.2	622.6	631.0	622.6	627.2	638.3	631.1	582.0	518.2	471.2
45°	848.2	861.2	870.8	870.4	870.8	861.2	848.2	837.4	784.0	711.0	636.1
42.5°	967.7	974.6	976.6	974.1	976.6	974.6	967.7	955.7	894.1	816.1	730.2
40°	1074.3	1082.5	1087.1	1091.3	1087.1	1082.5	1074.3	1058.4	1007.9	935.3	854.5
37.5°	1231.3	1234.3	1227.8	1223.5	1227.8	1234.3	1231.3	1221.3	1191.0	1098.3	1032.6
35°	1616.3	1624.2	1606.0	1625.3	1606.0	1624.2	1616.3	1576.8	1530.0	1475.0	1325.6
32.5°	1985.6	2022.5	2052.4	2077.2	2052.4	2022.5	1985.6	1947.8	1916.2	1810.1	1614.8
30°	2194.8	2218.6	2231.5	2234.5	2231.5	2218.6	2194.8	2165.4	2123.2	1987.7	1807.1
27.5°	2348.4	2373.3	2388.9	2400.2	2388.9	2373.3	2348.4	2321.2	2272.0	2133.7	1956.4
25°	2496.4	2519.2	2534.8	2540.8	2534.8	2519.2	2496.4	2468.8	2408.5	2291.6	2116.9
22.5°	2650.0	2665.8	2680.7	2688.1	2680.7	2665.8	2650.0	2617.6	2552.3	2459.0	2273.9
20°	2870.1	2861.5	2875.1	2870.6	2875.1	2861.5	2870.1	2820.7	2751.9	2654.6	2475.9
17.5°	3318.8	3323.5	3332.6	3347.6	3332.6	3323.5	3318.8	3253.2	3169.1	3081.4	2832.7
15°	3883.2	3894.5	3952.2	4003.7	3952.2	3894.5	3883.2	3819.7	3676.5	3549.8	3266.2
12.5°	4128.0	4167.2	4173.3	4187.8	4173.3	4167.2	4128.0	4038.5	3942.0	3780.5	3523.1
10°	4209.6	4277.6	4276.2	4293.3	4276.2	4277.6	4209.6	4131.7	4053.1	3915.2	3645.8
7.5°	4271.6	4344.6	4375.5	4388.7	4375.5	4344.6	4271.6	4218.8	4141.2	4007.6	3732.1
5°	4347.3	4387.4	4440.8	4425.5	4440.8	4387.4	4347.3	4281.1	4182.8	4040.9	3789.6
2.5°	4379.0	4442.0	4427.4	4442.2	4427.4	4442.0	4379.0	4289.7	4199.3	4085.1	3865.3
0°	4400.4	4445.6	4452.3	4467.3	4452.3	4445.6	4400.4	4311.7	4219.6	4109.2	3886.5
-2.5°	4374.4	4414.2	4483.9	4462.3	4483.9	4414.2	4374.4	4293.0	4205.5	4094.0	3893.7
-5°	4351.7	4449.6	4411.6	4459.0	4411.6	4449.6	4351.7	4265.0	4177.9	4057.4	3847.9
-7.5°	4339.9	4357.4	4382.7	4418.8	4382.7	4357.4	4339.9	4241.3	4146.1	4018.9	3806.7
-10°	4249.1	4267.0	4313.3	4338.5	4313.3	4267.0	4249.1	4203.9	4092.9	3957.9	3754.8
-12.5°	4150.6	4185.2	4233.9	4249.8	4233.9	4185.2	4150.6	4100.4	4021.1	3873.9	3672.0
-15°	4037.0	4088.5	4136.0	4146.0	4136.0	4088.5	4037.0	3977.8	3890.2	3770.4	3572.1
-17.5°	3892.7	3954.5	4004.4	4015.4	4004.4	3954.5	3892.7	3826.4	3740.3	3633.3	3471.7
-20°	3733.7	3792.9	3835.3	3848.0	3835.3	3792.9	3733.7	3664.3	3582.9	3480.1	3327.8



REPORT NUMBER: P626820 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-750-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°	3563.4	3616.7	3652.5	3647.2	3652.5	3616.7	3563.4	3494.5	3419.3	3325.7	3161.9
-25°	3382.7	3432.1	3466.3	3461.4	3466.3	3432.1	3382.7	3322.5	3247.9	3148.5	3001.8
-27.5°	3191.5	3238.4	3271.2	3272.3	3271.2	3238.4	3191.5	3133.7	3058.6	2958.4	2833.2
-30°	2990.7	3033.3	3060.0	3049.6	3060.0	3033.3	2990.7	2934.6	2864.9	2767.5	2635.5
-32.5°	2783.6	2822.1	2846.5	2853.8	2846.5	2822.1	2783.6	2734.8	2676.1	2586.9	2445.8
-35°	2579.3	2613.2	2634.3	2639.6	2634.3	2613.2	2579.3	2534.8	2477.5	2406.9	2267.6
-37.5°	2376.4	2405.6	2420.3	2413.6	2420.3	2405.6	2376.4	2335.4	2283.8	2223.1	2102.7
-40°	2175.8	2203.5	2220.4	2224.5	2220.4	2203.5	2175.8	2138.5	2090.6	2031.5	1934.9
-42.5°	1978.6	2001.7	2016.5	2023.6	2016.5	2001.7	1978.6	1946.5	1896.0	1830.4	1752.8
-45°	1787.1	1807.8	1821.7	1829.5	1821.7	1807.8	1787.1	1758.5	1709.3	1645.9	1573.2
-47.5°	1600.9	1619.0	1631.1	1637.0	1631.1	1619.0	1600.9	1575.8	1531.9	1469.3	1397.5
-50°	1422.9	1438.6	1449.8	1456.2	1449.8	1438.6	1422.9	1401.1	1363.8	1302.9	1234.7
-52.5°	1254.0	1267.7	1277.3	1282.1	1277.3	1267.7	1254.0	1235.0	1205.2	1147.6	1084.9
-55°	1092.8	1103.9	1112.7	1118.1	1112.7	1103.9	1092.8	1077.1	1055.7	1002.4	944.6
-57.5°	942.4	951.5	959.8	965.8	959.8	951.5	942.4	929.1	911.6	865.9	815.3
-60°	801.6	810.2	817.3	821.8	817.3	810.2	801.6	789.9	775.0	740.5	699.5
-62.5°	674.6	682.2	688.7	692.9	688.7	682.2	674.6	664.1	650.7	624.1	591.0
-65°	552.9	559.7	564.5	567.4	564.5	559.7	552.9	543.7	532.0	513.0	488.5
-67.5°	450.2	458.1	459.6	458.6	459.6	458.1	450.2	440.7	429.6	414.9	396.5
-70°	358.5	365.2	366.8	366.6	366.8	365.2	358.5	350.9	342.3	331.7	318.0
-72.5°	280.4	284.0	280.9	276.2	280.9	284.0	280.4	276.2	271.8	265.8	255.6
-75°	210.4	208.1	204.8	200.9	204.8	208.1	210.4	212.2	213.8	213.4	205.8
-77.5°	154.1	148.4	144.7	140.6	144.7	148.4	154.1	159.3	164.0	167.0	161.8
-80°	107.3	101.7	97.8	93.7	97.8	101.7	107.3	112.5	117.3	121.3	119.5
-82.5°	68.0	63.4	61.0	58.6	61.0	63.4	68.0	72.3	76.4	79.9	78.9
-85°	37.7	35.0	33.4	31.8	33.4	35.0	37.7	40.3	42.7	44.8	43.7
-87.5°	16.6	16.7	15.9	15.1	15.9	16.7	16.6	16.6	16.5	16.5	16.0
-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: P626820 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-750-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	9.2	8.8	8.4	8.0	7.6	7.1	6.7	6.3	5.9	5.4	5.0
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	0.1	0.0	0.0	0.0	0.1	0.2	0.1	0.0	0.2
67.5°	0.0	0.0	0.3	0.7	0.9	0.9	0.8	0.9	1.0	0.9	0.9
65°	1.0	0.6	0.4	0.8	1.3	1.7	1.8	1.6	1.5	1.8	2.1
62.5°	3.3	3.5	3.0	2.5	2.2	2.4	2.7	2.9	2.5	2.0	2.6
60°	10.1	6.1	8.9	9.6	7.6	6.6	9.9	9.4	4.9	4.2	3.8
57.5°	48.5	40.6	44.6	40.5	27.8	24.2	25.1	23.9	21.7	13.3	5.7
55°	167.3	143.4	112.7	97.3	93.7	71.7	53.4	44.6	40.5	29.2	19.4
52.5°	212.6	197.6	174.4	142.3	125.2	118.8	101.5	81.2	64.5	51.6	37.1
50°	266.6	270.5	246.6	202.3	184.7	165.8	149.0	125.5	104.3	83.7	61.7
47.5°	434.9	405.1	381.1	348.0	285.1	244.9	218.6	180.1	151.1	126.0	99.0
45°	579.8	545.7	522.3	470.9	404.1	341.9	300.5	252.2	200.9	167.4	142.9
42.5°	682.8	638.6	600.2	558.2	494.4	424.3	367.4	319.7	265.7	211.5	178.8
40°	783.5	713.6	675.4	637.9	577.7	499.1	454.8	384.7	328.3	268.2	223.6
37.5°	933.8	814.8	801.4	765.2	697.1	615.3	565.5	496.4	391.9	335.2	283.9
35°	1187.7	1065.2	994.4	959.0	870.7	766.5	684.4	619.9	516.2	404.6	345.5
32.5°	1467.5	1312.5	1205.1	1154.6	1059.8	918.4	817.1	735.0	631.0	504.7	409.9
30°	1625.6	1484.1	1354.8	1268.4	1176.3	1054.8	938.5	822.6	709.6	605.1	479.7
27.5°	1772.6	1596.3	1456.9	1359.3	1273.1	1156.2	1027.6	903.3	779.2	676.0	564.1
25°	1912.7	1717.3	1565.4	1450.8	1350.5	1258.0	1112.6	976.8	847.4	733.3	645.8
22.5°	2043.1	1861.8	1686.7	1536.9	1452.0	1352.7	1209.4	1044.9	918.4	822.5	719.5
20°	2258.1	2055.0	1833.4	1703.8	1624.8	1471.4	1309.2	1146.6	1030.4	920.5	799.4
17.5°	2612.3	2359.0	2094.0	1955.2	1843.3	1655.2	1448.5	1287.1	1142.1	1019.6	886.4
15°	3000.2	2674.1	2411.5	2232.2	2055.0	1834.6	1595.4	1421.1	1256.3	1118.5	966.3
12.5°	3191.9	2881.4	2649.1	2396.5	2167.9	1968.2	1741.8	1549.6	1362.5	1183.0	1015.8
10°	3306.3	2997.8	2735.0	2482.8	2253.7	2061.5	1851.3	1623.6	1415.7	1225.7	1057.0
7.5°	3395.3	3077.4	2797.6	2546.5	2314.2	2111.6	1910.4	1671.6	1458.3	1260.3	1090.1
5°	3456.8	3139.4	2855.7	2601.8	2357.3	2147.4	1954.2	1708.0	1490.0	1286.5	1115.2
2.5°	3520.3	3187.5	2892.0	2637.5	2384.8	2170.2	1980.8	1735.8	1515.7	1305.9	1136.1
0°	3545.1	3215.4	2917.4	2656.3	2400.2	2179.3	1988.5	1754.1	1533.2	1317.3	1149.9
-2.5°	3561.0	3224.5	2927.3	2668.4	2420.6	2193.6	1997.1	1774.7	1538.7	1329.5	1153.8
-5°	3536.9	3213.7	2919.0	2658.4	2421.0	2194.7	1991.1	1777.7	1537.3	1332.8	1150.8
-7.5°	3507.2	3185.4	2887.3	2631.7	2403.5	2179.6	1973.1	1764.4	1532.1	1327.4	1145.1
-10°	3457.0	3140.2	2856.5	2603.9	2372.8	2147.3	1946.8	1739.1	1514.9	1312.3	1131.8
-12.5°	3390.1	3083.2	2803.0	2553.1	2331.5	2114.1	1917.8	1704.2	1485.7	1287.0	1110.7
-15°	3301.7	3008.5	2736.6	2493.1	2278.7	2071.0	1874.7	1665.6	1457.3	1255.8	1081.9
-17.5°	3205.0	2910.0	2642.2	2412.8	2209.5	2012.5	1820.0	1625.1	1424.5	1226.5	1055.8
-20°	3095.1	2805.4	2540.2	2317.9	2126.0	1939.3	1761.3	1579.7	1378.9	1192.8	1028.6



REPORT NUMBER: P626820 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-750-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°	2937.1	2681.1	2438.0	2220.0	2036.6	1865.8	1694.3	1518.7	1319.9	1150.7	991.4
-25°	2780.8	2542.9	2324.4	2124.0	1946.9	1784.6	1617.8	1443.7	1267.3	1101.2	946.0
-27.5°	2627.9	2407.6	2189.8	2009.7	1850.6	1692.1	1535.4	1370.8	1208.3	1045.4	903.3
-30°	2462.9	2256.8	2060.5	1891.4	1740.8	1594.2	1453.2	1299.5	1139.7	985.1	857.3
-32.5°	2281.7	2100.8	1927.7	1768.6	1627.8	1497.9	1364.1	1218.4	1060.5	928.7	804.0
-35°	2105.7	1938.7	1789.4	1649.0	1521.3	1402.4	1272.9	1126.9	988.3	864.6	743.8
-37.5°	1948.2	1785.6	1647.4	1526.4	1419.7	1306.9	1177.8	1048.3	918.0	793.3	687.9
-40°	1785.3	1633.6	1510.8	1412.4	1310.3	1208.8	1095.1	974.8	846.1	724.3	633.0
-42.5°	1627.4	1504.9	1383.9	1285.4	1193.9	1110.8	1014.9	893.4	775.2	669.3	581.5
-45°	1472.8	1361.5	1251.0	1161.2	1085.0	1007.2	921.5	811.0	704.8	614.0	531.1
-47.5°	1313.9	1220.2	1128.0	1044.6	976.5	900.9	818.1	724.5	637.5	555.6	482.3
-50°	1161.3	1085.4	1010.8	938.5	869.6	795.7	721.8	646.2	568.6	497.2	430.7
-52.5°	1017.7	954.8	891.7	828.5	768.2	703.7	635.5	568.3	500.0	440.4	380.9
-55°	882.6	828.6	778.6	727.9	677.2	618.9	557.4	496.9	442.4	387.6	339.2
-57.5°	762.9	715.6	675.8	634.4	591.5	540.0	487.3	436.2	391.0	345.7	300.8
-60°	657.3	616.0	581.9	545.8	507.8	464.7	422.9	382.4	343.3	306.3	267.6
-62.5°	557.5	524.2	493.5	462.9	432.0	399.3	363.6	330.9	300.6	269.4	234.5
-65°	463.1	437.0	411.3	386.5	361.1	334.8	306.4	280.5	255.8	230.5	200.3
-67.5°	377.0	356.6	335.6	315.0	295.2	274.3	252.7	231.2	211.0	190.3	165.8
-70°	303.4	288.1	271.8	254.6	238.2	221.9	205.2	187.7	169.3	152.4	135.6
-72.5°	244.9	233.9	221.8	207.8	193.1	179.0	165.4	151.8	137.7	123.3	108.7
-75°	198.0	189.8	180.6	169.0	157.0	144.7	133.3	121.6	108.8	94.8	81.2
-77.5°	156.7	151.8	146.1	136.8	127.4	117.9	107.7	94.9	81.9	69.0	57.7
-80°	117.5	115.2	111.8	103.7	95.6	87.6	79.0	67.9	56.8	46.4	38.0
-82.5°	77.6	76.0	73.8	68.4	63.1	57.8	52.5	44.7	37.3	30.3	24.1
-85°	42.4	41.0	39.5	36.9	34.4	31.9	29.3	25.0	21.0	17.3	13.9
-87.5°	15.5	15.0	14.5	13.9	13.3	12.8	12.2	10.9	9.7	8.5	7.4
-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: P626820 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-750-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°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.6	4.2	3.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.9
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.5
82.5°	0.0	0.0	0.0	0.0	0.3	0.4	0.5	0.5	0.2	0.0	0.1
80°	0.0	0.0	0.0	0.0	0.4	0.9	1.1	1.2	0.9	0.6	0.3
77.5°	0.0	0.0	0.0	0.0	0.2	0.5	1.0	1.5	1.5	1.2	0.8
75°	0.0	0.0	0.0	0.1	0.1	0.0	0.4	0.9	1.4	1.7	1.3
72.5°	0.0	0.0	0.0	0.2	0.5	0.5	0.3	0.3	1.0	1.4	1.7
70°	0.2	0.1	0.0	0.3	0.7	1.0	1.0	0.8	0.6	1.2	1.6
67.5°	0.8	0.9	0.6	0.5	0.8	1.2	1.6	1.5	1.3	1.1	1.6
65°	1.9	1.8	1.7	1.5	1.3	1.3	1.7	2.1	1.9	1.7	1.6
62.5°	2.9	2.9	2.7	2.4	2.2	1.9	1.8	2.3	2.5	2.2	1.9
60°	3.8	3.9	3.7	3.4	3.1	2.7	2.5	2.6	2.9	2.8	2.4
57.5°	5.2	5.0	5.0	4.5	4.0	3.5	3.3	3.3	3.3	3.3	2.9
55°	9.2	6.4	6.4	5.9	5.1	4.4	4.2	4.1	3.9	3.8	3.3
52.5°	23.2	12.9	8.3	7.7	6.7	5.4	5.1	4.8	4.6	4.3	3.8
50°	42.9	27.8	15.7	9.9	8.4	7.2	5.9	5.6	5.3	4.9	4.3
47.5°	68.7	47.8	31.1	15.6	10.9	9.0	7.5	6.4	6.0	5.6	4.8
45°	105.8	70.4	48.8	30.9	14.5	12.4	9.2	7.2	6.7	6.2	5.3
42.5°	147.2	103.3	68.5	46.6	27.7	17.1	11.0	8.8	7.4	6.8	5.8
40°	187.9	142.8	92.0	64.3	41.8	23.0	15.9	10.5	8.1	7.5	6.3
37.5°	232.8	184.5	128.9	83.1	56.1	35.1	21.8	12.2	9.2	8.2	6.9
35°	288.4	230.8	165.8	110.7	74.3	46.3	28.3	15.5	11.3	8.9	7.5
32.5°	343.9	277.1	205.6	142.8	93.3	56.6	36.8	22.1	13.8	9.7	8.2
30°	399.8	319.4	243.2	172.5	115.1	73.2	46.0	28.5	16.6	10.5	8.8
27.5°	450.1	359.4	278.4	203.5	140.8	90.8	55.6	34.8	19.7	11.9	9.5
25°	507.0	402.6	313.0	233.2	164.2	109.0	65.4	40.9	24.3	14.3	10.1
22.5°	580.1	447.0	345.0	260.1	187.4	126.5	78.0	48.9	29.4	16.8	10.8
20°	652.8	490.3	376.5	293.8	212.7	146.1	92.6	56.9	34.1	19.5	11.4
17.5°	724.1	545.9	422.2	328.2	239.7	164.5	106.3	64.8	38.7	22.2	12.1
15°	788.1	609.5	467.1	360.8	266.2	181.5	118.9	72.4	42.9	24.9	12.9
12.5°	841.8	664.4	509.4	391.3	291.7	197.0	130.4	79.8	46.8	27.9	14.1
10°	886.2	710.8	548.6	419.5	315.8	211.0	140.8	87.1	51.3	31.0	15.3
7.5°	921.6	749.2	584.3	445.0	337.6	224.1	152.0	94.8	55.8	34.1	16.6
5°	948.3	779.1	611.9	463.3	355.0	236.1	162.3	101.9	59.9	36.9	17.8
2.5°	965.6	801.1	632.3	477.7	369.2	246.2	171.4	108.3	63.7	39.5	19.0
0°	975.8	816.8	647.8	488.7	380.0	254.4	179.1	113.8	67.0	41.8	20.1
-2.5°	984.9	827.1	661.3	508.0	387.4	267.8	184.0	118.8	72.3	43.5	22.1
-5°	988.0	831.7	670.1	522.8	391.8	278.7	187.5	122.9	76.9	44.8	24.0
-7.5°	982.9	828.9	673.2	531.3	393.9	286.4	189.5	126.1	80.6	45.9	25.7
-10°	971.5	820.0	669.1	528.7	396.8	288.8	190.7	128.5	83.4	46.7	27.0
-12.5°	954.8	806.4	660.3	523.1	396.3	287.3	193.8	130.3	84.8	47.2	28.0
-15°	932.8	788.7	646.9	514.8	391.5	283.8	194.6	130.9	84.6	48.2	28.6
-17.5°	906.9	767.2	628.9	504.3	382.2	278.6	192.9	130.1	83.8	49.6	29.2
-20°	881.0	743.3	607.5	491.8	368.2	271.9	188.4	127.7	82.3	50.6	29.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626820 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-750-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°	850.6	715.9	589.0	474.4	353.1	263.7	181.1	123.6	80.1	51.0	30.1
-25°	815.7	683.9	566.8	450.4	341.1	254.5	173.5	117.8	77.2	50.8	30.0
-27.5°	776.2	649.7	540.7	424.2	328.7	241.6	166.3	113.6	74.8	50.1	29.5
-30°	732.2	617.5	509.4	399.0	313.5	227.8	156.9	108.8	73.7	49.2	28.7
-32.5°	684.7	581.2	475.8	379.7	296.3	213.3	148.5	103.5	71.9	48.0	28.7
-35°	640.2	541.7	441.5	357.5	278.0	204.8	143.0	97.5	69.3	46.3	28.9
-37.5°	592.6	500.4	414.3	334.4	258.8	194.9	138.5	94.9	66.0	44.2	28.8
-40°	546.7	461.1	382.8	312.4	244.5	183.8	131.4	91.9	62.8	41.6	28.4
-42.5°	500.3	424.2	352.7	288.4	231.1	173.2	122.4	87.4	60.1	40.1	27.8
-45°	457.5	386.1	320.7	267.4	216.1	159.5	115.4	81.7	56.9	39.0	27.2
-47.5°	412.6	347.3	291.5	244.5	196.6	144.6	106.6	77.1	53.1	37.6	26.8
-50°	366.2	310.5	264.1	219.4	172.7	132.2	97.1	71.8	51.7	36.5	26.1
-52.5°	325.7	278.3	236.2	193.5	154.7	117.7	89.9	66.0	49.9	35.5	25.2
-55°	290.8	247.6	208.7	172.3	137.5	107.0	81.8	63.2	47.6	34.4	24.1
-57.5°	259.9	219.1	186.0	153.4	123.1	96.7	76.1	60.0	45.2	32.7	23.0
-60°	229.9	196.4	165.5	136.4	109.7	87.8	71.6	56.2	42.4	30.7	21.9
-62.5°	202.1	172.7	145.8	119.5	97.7	80.6	66.5	51.8	39.1	28.1	20.4
-65°	173.0	147.9	125.2	104.5	86.8	72.1	59.9	46.8	34.7	25.1	18.5
-67.5°	142.7	124.3	106.6	89.4	74.9	62.6	52.3	40.2	29.5	21.5	16.2
-70°	118.9	102.7	87.7	74.2	62.4	52.3	42.7	32.5	23.8	18.4	13.8
-72.5°	94.7	81.4	69.1	58.4	50.0	41.4	32.7	24.9	19.7	15.2	11.3
-75°	70.0	61.1	53.1	45.6	38.0	30.6	24.9	19.8	15.5	11.8	9.5
-77.5°	50.8	44.3	38.4	33.7	28.5	23.6	18.8	14.5	11.8	9.8	8.0
-80°	34.5	31.1	27.9	24.6	20.4	16.4	13.6	11.2	9.5	7.9	6.4
-82.5°	21.8	20.0	18.3	16.7	14.2	12.0	10.1	8.4	7.2	6.0	5.2
-85°	12.9	12.0	11.0	10.1	8.7	7.5	6.9	6.4	5.9	5.3	4.7
-87.5°	7.3	7.2	7.1	6.9	6.6	6.3	6.0	5.7	5.2	4.7	4.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.8	1.3

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REPORT NUMBER: P626820 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-750-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	3.3	2.9	2.5	2.1	1.7	1.7	1.7
87.5°	1.3	1.4	1.6	1.6	1.7	1.7	1.7
85°	0.8	1.2	1.4	1.6	1.7	1.7	1.7
82.5°	0.4	0.9	1.3	1.5	1.7	1.7	1.7
80°	0.1	0.6	1.1	1.5	1.7	1.7	1.7
77.5°	0.5	0.6	1.0	1.4	1.7	1.7	1.7
75°	1.0	0.8	0.9	1.4	1.7	1.7	1.7
72.5°	1.4	1.1	1.1	1.4	1.7	1.7	1.7
70°	1.7	1.4	1.2	1.4	1.7	1.7	1.7
67.5°	1.7	1.6	1.4	1.4	1.7	1.7	1.7
65°	1.8	1.8	1.5	1.5	1.7	1.7	1.7
62.5°	1.9	1.9	1.6	1.5	1.7	1.7	1.7
60°	2.0	2.0	1.7	1.6	1.7	1.7	1.7
57.5°	2.4	2.2	1.8	1.6	1.7	1.7	1.7
55°	2.8	2.3	2.0	1.6	1.7	1.7	1.7
52.5°	3.2	2.6	2.2	1.7	1.8	1.7	1.7
50°	3.6	2.9	2.4	1.7	1.8	1.7	1.7
47.5°	4.0	3.2	2.5	1.7	1.8	1.7	1.7
45°	4.4	3.5	2.7	1.9	1.9	1.7	1.7
42.5°	4.8	3.9	2.9	2.0	1.9	1.7	1.7
40°	5.2	4.2	3.2	2.2	2.0	1.7	1.7
37.5°	5.5	4.5	3.4	2.4	2.1	1.7	1.7
35°	5.9	4.8	3.6	2.7	2.1	1.7	1.7
32.5°	6.3	5.0	3.9	2.9	2.2	1.7	1.7
30°	6.8	5.3	4.1	3.1	2.3	1.7	1.7
27.5°	7.3	5.6	4.3	3.3	2.4	1.7	1.7
25°	7.8	5.8	4.6	3.5	2.4	1.7	1.7
22.5°	8.2	6.1	4.9	3.6	2.5	1.7	1.7
20°	8.7	6.4	5.1	3.8	2.6	1.7	1.7
17.5°	9.2	6.7	5.4	4.0	2.7	1.7	1.7
15°	9.7	7.0	5.6	4.2	2.8	1.7	1.7
12.5°	10.1	7.3	5.8	4.3	2.9	1.7	1.7
10°	10.5	7.5	6.0	4.5	3.0	1.7	1.7
7.5°	10.8	7.8	6.2	4.6	3.1	1.7	1.7
5°	11.2	8.0	6.4	4.8	3.1	1.7	1.7
2.5°	11.5	8.2	6.5	4.9	3.2	1.7	1.7
0°	11.7	8.4	6.7	5.0	3.3	1.7	1.7
-2.5°	12.3	8.6	6.8	5.0	3.3	1.7	1.7
-5°	12.9	8.7	7.0	5.0	3.3	1.7	1.7
-7.5°	13.5	8.9	7.1	5.0	3.3	1.7	1.7
-10°	13.9	9.0	7.2	4.9	3.3	1.7	1.7
-12.5°	14.2	9.1	7.2	4.9	3.2	1.7	1.7
-15°	14.4	9.2	7.2	4.8	3.2	1.7	1.7
-17.5°	14.5	9.2	7.2	4.8	3.2	1.7	1.7
-20°	14.9	9.3	7.2	4.7	3.1	1.7	1.7

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CATALOG NUMBER: GFLD-SA1E-750-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	15.8	9.3	7.1	4.6	3.1	1.7	1.7
-25°	16.6	10.0	7.0	4.5	3.0	1.7	1.7
-27.5°	17.2	10.7	6.8	4.4	2.9	1.7	1.7
-30°	17.6	11.4	6.6	4.3	2.9	1.7	1.7
-32.5°	17.9	12.0	6.9	4.2	2.8	1.7	1.7
-35°	18.4	12.4	7.0	4.1	2.7	1.7	1.7
-37.5°	18.8	12.7	7.1	3.9	2.6	1.7	1.7
-40°	19.2	12.8	7.2	3.8	2.6	1.7	1.7
-42.5°	19.3	12.8	7.2	3.7	2.5	1.7	1.7
-45°	19.2	12.7	7.3	3.7	2.4	1.7	1.7
-47.5°	18.9	12.5	7.2	3.7	2.3	1.7	1.7
-50°	18.5	12.2	7.1	3.7	2.2	1.7	1.7
-52.5°	18.0	11.8	6.9	3.6	2.0	1.7	1.7
-55°	17.3	11.3	6.6	3.5	1.9	1.7	1.7
-57.5°	16.5	10.7	6.2	3.4	1.8	1.7	1.7
-60°	15.6	10.0	5.7	3.2	1.7	1.7	1.7
-62.5°	14.4	9.1	5.4	3.1	1.7	1.7	1.7
-65°	12.9	8.2	5.1	2.9	1.7	1.7	1.7
-67.5°	11.4	7.3	4.7	2.7	1.7	1.7	1.7
-70°	9.7	6.7	4.3	2.4	1.7	1.7	1.7
-72.5°	8.5	5.9	3.8	2.4	1.7	1.7	1.7
-75°	7.4	5.2	3.3	2.4	1.7	1.7	1.7
-77.5°	6.3	4.4	3.2	2.3	1.7	1.7	1.7
-80°	5.1	3.9	3.0	2.3	1.7	1.7	1.7
-82.5°	4.6	3.7	2.9	2.3	1.7	1.7	1.7
-85°	4.2	3.4	2.8	2.2	1.7	1.7	1.7
-87.5°	3.7	3.2	2.6	2.2	1.7	1.7	1.7
-90°	1.7	1.7	1.7	1.7	1.7	1.7	1.7

(END OF REPORT)