

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: P627042 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2E-735-U-WR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627042 (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-SA2E-735-U-WR-VSR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR  
Light Source: (32) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

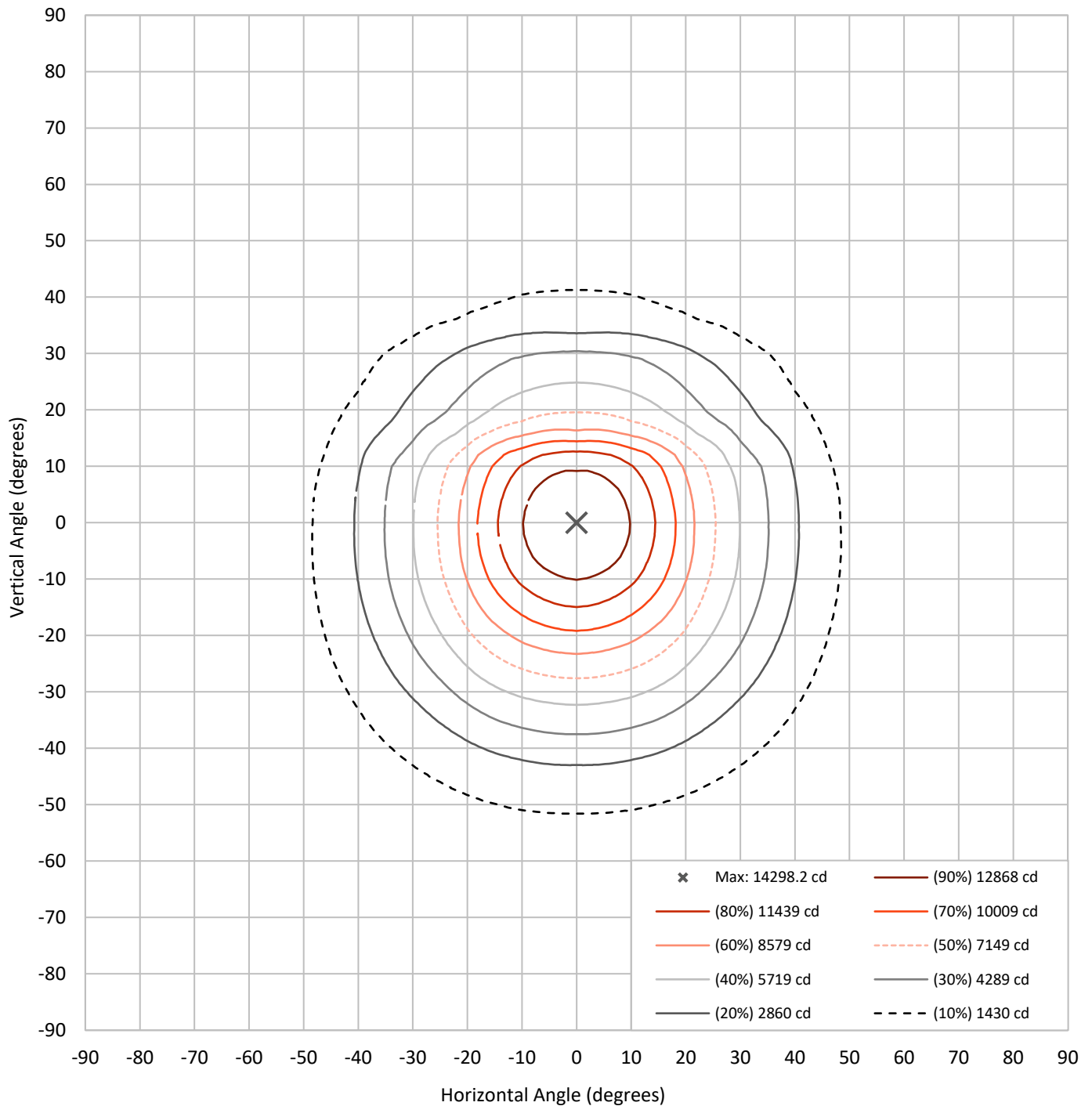
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	12614.1 lumens	Max Intensity:	14298.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	100.4 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	50.9°H x 47.1°V	Field Angle (10%):	96.7°H x 92.9°V
Beam Lumens:	6073.1 lumens	Field Lumens:	11293.9 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
Input Watts (W):	125.7		
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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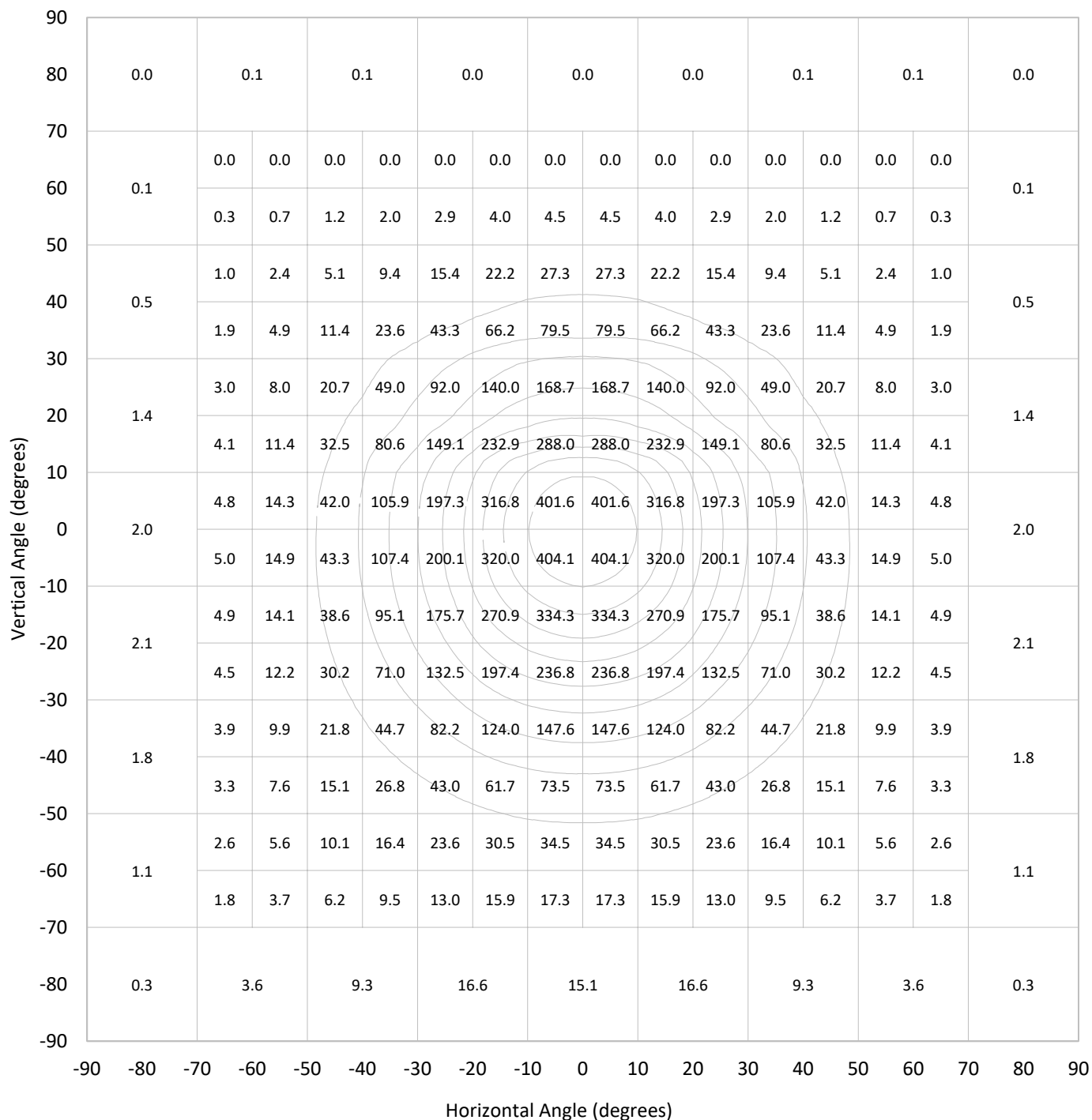
### Iso-Candela Plot





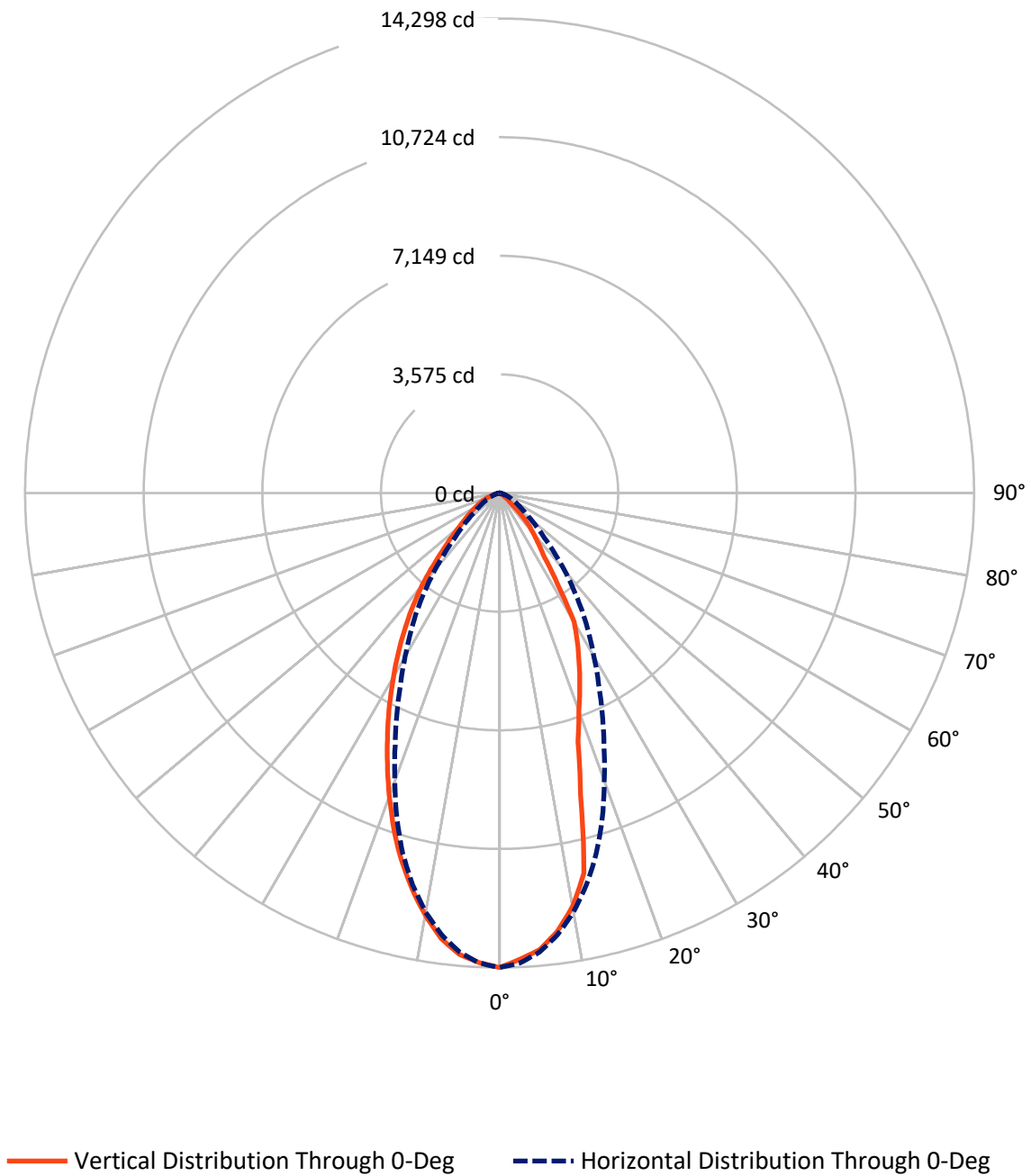
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### Lumen Table



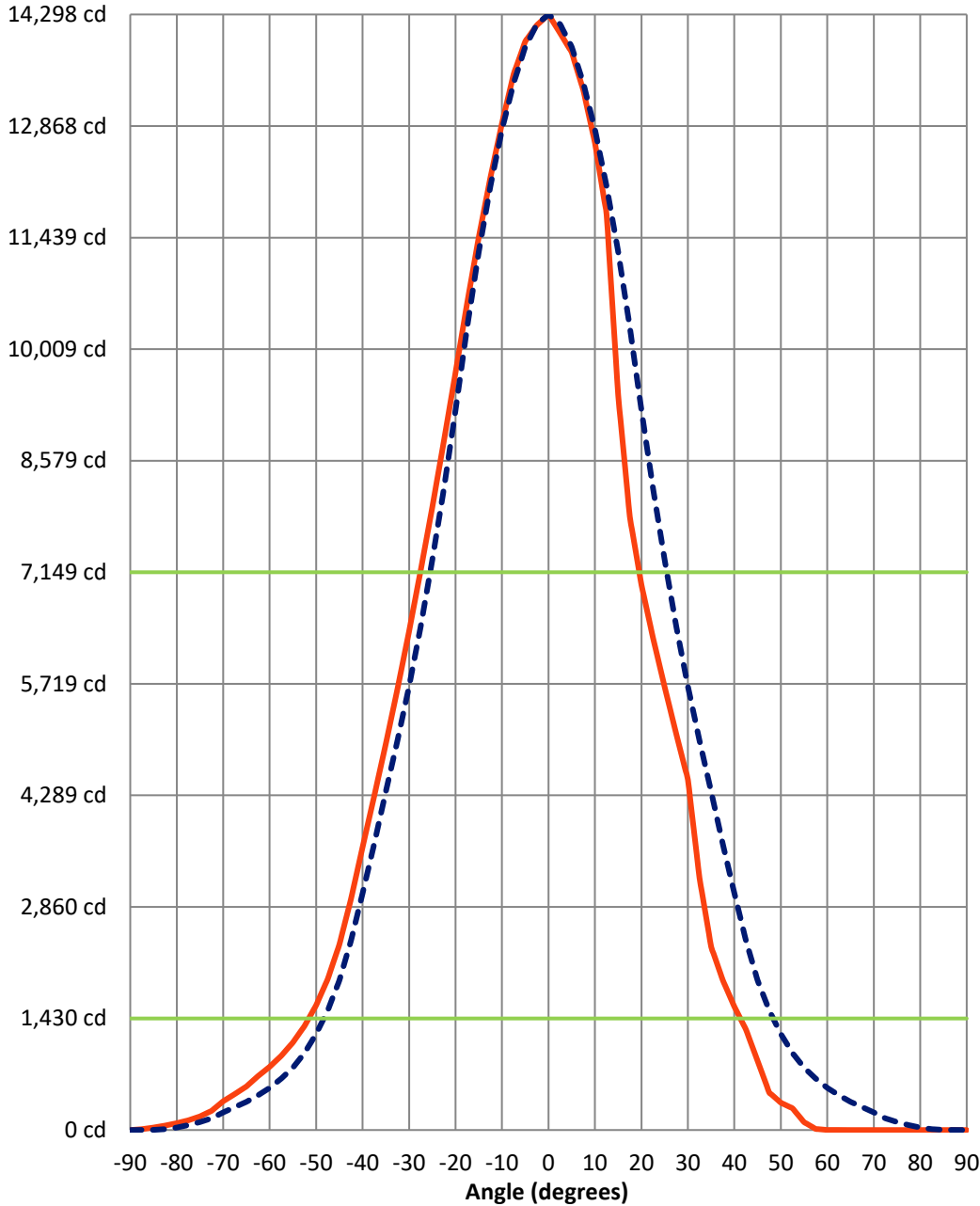
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 50.9°  
 V Angle: 47.1°  
 Lumens: 6073.1  
 Efficiency: 48.1%

**Field:**  
 H Angle: 96.7°  
 V Angle: 92.9°  
 Lumens: 11293.9  
 Efficiency: 89.5%

**Spill:**  
 Lumens: 1320.2  
 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	0.3	0.3	0.3	0.4	0.4
85°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.8
82.5°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.0	1.0
80°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.0	1.0	1.0	1.0
77.5°	0.0	0.2	0.4	0.6	0.9	1.0	1.0	1.0	1.0	1.0	1.0
75°	0.0	0.3	0.5	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0
72.5°	0.0	0.3	0.6	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0
70°	0.0	0.3	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1
67.5°	0.0	0.4	0.8	1.0	1.0	1.0	1.1	1.0	1.0	1.3	1.3
65°	0.0	0.4	0.8	1.0	1.0	1.1	1.2	1.0	1.5	1.7	2.0
62.5°	0.0	0.5	0.9	1.0	1.0	1.4	1.4	1.4	1.9	2.7	4.2
60°	0.0	0.5	1.0	1.0	1.0	1.6	1.6	1.9	2.5	6.8	7.3
57.5°	0.0	0.5	1.0	1.0	1.3	1.9	2.8	2.7	6.7	11.4	12.5
55°	0.0	0.6	1.0	1.0	1.6	2.2	4.2	3.9	12.2	17.2	19.4
52.5°	0.0	0.6	1.0	1.0	1.9	2.8	5.9	9.6	18.2	25.5	27.5
50°	0.0	0.6	1.1	1.0	2.3	4.6	7.8	15.9	25.5	34.7	42.0
47.5°	0.0	0.7	1.1	1.1	2.6	6.5	10.4	22.2	35.0	44.9	57.0
45°	0.0	0.7	1.1	1.4	3.0	8.5	15.9	28.6	44.6	58.1	71.7
42.5°	0.0	0.7	1.2	1.6	3.4	10.6	21.4	36.1	54.1	71.2	88.2
40°	0.0	0.8	1.2	2.0	4.5	12.9	26.9	44.4	64.0	84.0	105.3
37.5°	0.0	0.8	1.2	2.4	6.2	15.2	32.3	52.6	74.7	97.1	122.8
35°	0.0	0.8	1.3	2.9	8.0	18.9	37.7	60.6	85.5	112.8	141.8
32.5°	0.0	0.8	1.3	3.4	9.8	23.1	43.4	68.5	96.2	128.9	163.2
30°	0.0	0.9	1.4	4.0	11.6	27.3	49.8	76.5	107.0	145.4	184.9
27.5°	0.0	0.9	1.4	4.6	13.6	31.3	56.0	85.3	118.8	162.1	206.5
25°	0.0	0.9	1.5	5.2	15.7	35.2	62.0	93.9	132.4	179.9	228.2
22.5°	0.0	0.9	1.5	5.8	17.7	39.0	67.7	102.2	145.9	197.9	250.2
20°	0.0	0.9	1.6	6.4	19.6	42.6	73.1	110.3	159.2	215.5	271.1
17.5°	0.0	1.0	1.6	7.1	21.5	46.1	78.2	118.1	172.1	232.6	291.0
15°	0.0	1.0	1.7	7.7	23.3	49.3	82.8	125.0	184.6	249.1	309.7
12.5°	0.0	1.0	1.7	8.4	25.0	52.3	87.1	130.7	194.9	264.9	327.2
10°	0.0	1.0	1.8	9.0	26.6	55.1	90.9	135.9	203.2	274.2	341.0
7.5°	0.0	1.0	1.9	9.6	28.0	57.5	94.4	140.4	210.5	281.3	348.2
5°	0.0	1.0	1.9	10.2	29.4	59.8	97.4	144.3	216.7	286.9	354.0
2.5°	0.0	1.0	2.0	10.7	30.6	61.7	100.0	147.5	221.8	291.1	358.4
0°	0.0	1.0	2.0	11.2	31.7	63.3	102.1	150.1	225.7	294.1	361.5
-2.5°	0.0	1.1	2.3	11.9	33.1	65.3	104.9	154.4	230.1	298.4	366.3
-5°	0.0	1.1	2.6	12.6	34.4	67.0	107.2	158.0	233.4	301.4	369.7
-7.5°	0.0	1.2	2.9	13.2	35.5	68.3	109.0	160.9	235.4	303.3	371.7
-10°	0.0	1.3	3.2	13.7	36.4	69.3	110.3	162.9	236.3	304.1	372.3
-12.5°	0.0	1.3	3.5	14.1	37.0	70.0	111.1	164.1	236.0	303.6	370.6
-15°	0.0	1.4	3.7	14.5	37.5	70.3	111.3	164.3	234.3	301.0	367.0
-17.5°	0.0	1.4	4.0	14.8	37.7	70.3	111.0	164.0	231.2	297.4	362.0
-20°	0.0	1.4	4.2	15.0	37.6	69.9	110.7	163.2	227.4	292.9	355.7

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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°	0.0	1.5	4.4	15.1	37.3	69.1	110.7	161.7	223.0	287.6	348.0
-25°	0.0	1.5	4.5	15.1	36.8	68.9	110.2	159.6	217.8	281.5	338.9
-27.5°	0.0	1.5	4.7	15.0	35.9	68.6	109.2	156.8	212.1	274.4	330.5
-30°	0.0	1.5	4.8	14.7	34.9	67.9	107.6	153.3	207.1	266.4	321.5
-32.5°	0.0	1.5	4.9	14.4	34.5	66.7	105.4	150.4	202.2	258.1	311.9
-35°	0.0	1.5	4.9	14.0	33.7	65.1	103.4	147.3	196.6	249.5	301.7
-37.5°	0.0	1.5	4.9	13.5	32.7	63.3	101.0	143.5	190.4	240.6	289.6
-40°	0.0	1.5	4.9	12.9	31.4	61.8	98.1	139.1	183.5	232.4	276.8
-42.5°	0.0	1.5	4.9	12.3	30.5	59.9	94.6	134.0	177.1	221.7	263.1
-45°	0.0	1.5	4.8	11.8	29.9	57.5	90.6	128.7	170.6	210.2	248.8
-47.5°	0.0	1.4	4.7	11.2	29.0	54.8	86.0	123.3	163.3	198.4	235.6
-50°	0.0	1.4	4.6	10.9	27.8	51.7	82.0	117.2	153.7	187.6	222.1
-52.5°	0.0	1.4	4.4	10.8	26.2	48.2	77.7	110.4	144.1	176.3	208.3
-55°	0.0	1.3	4.2	10.5	24.4	45.4	72.9	103.3	134.3	164.6	195.3
-57.5°	0.0	1.2	3.9	10.1	22.3	42.3	67.7	96.8	123.9	152.7	181.8
-60°	0.0	1.2	3.7	9.5	20.0	38.8	62.1	89.1	113.3	140.4	168.0
-62.5°	0.0	1.1	3.5	8.9	18.6	34.9	56.6	80.6	102.8	127.6	153.6
-65°	0.0	1.0	3.2	8.1	17.0	30.6	50.6	71.6	91.6	114.2	138.8
-67.5°	0.0	0.9	3.0	7.2	15.2	26.8	44.2	62.6	79.8	99.9	122.3
-70°	0.0	0.8	2.7	6.2	13.3	23.5	37.2	53.2	68.6	85.0	104.6
-72.5°	0.0	0.7	2.4	5.5	11.1	20.0	31.7	43.6	57.1	71.5	86.7
-75°	0.0	0.6	2.1	4.8	8.8	16.2	26.0	35.5	45.3	57.7	70.8
-77.5°	0.0	0.5	1.7	4.0	7.3	12.2	20.0	27.9	36.0	44.5	54.5
-80°	0.0	0.4	1.4	3.3	5.9	9.3	13.9	20.2	26.8	33.7	41.0
-82.5°	0.0	0.3	1.1	2.5	4.5	7.1	10.2	13.5	17.4	22.8	28.4
-85°	0.0	0.2	0.7	1.7	3.0	4.7	6.9	9.0	11.5	14.2	17.2
-87.5°	0.0	0.1	0.4	0.8	1.5	2.4	3.4	4.5	5.8	7.1	8.6
-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-SA2E-735-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.7	0.8	0.8
85°	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
82.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
80°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
77.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
75°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
72.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
70°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8
67.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.5
65°	1.0	1.0	1.4	1.5	1.1	1.0	1.0	1.0	1.1	0.9	0.9
62.5°	1.5	1.8	2.3	3.5	2.6	1.0	2.0	2.3	1.5	1.2	1.3
60°	4.5	3.1	7.9	10.9	7.1	3.7	4.6	9.2	7.6	2.0	5.4
57.5°	9.0	11.1	19.8	20.7	15.9	10.7	23.6	26.2	21.7	13.7	19.7
55°	18.8	26.4	33.4	33.0	33.2	41.7	49.1	48.1	42.5	58.6	73.7
52.5°	35.6	43.5	48.1	52.4	64.3	72.3	74.5	79.0	95.7	115.6	119.2
50°	52.2	60.3	66.4	82.0	94.2	100.5	106.3	121.6	146.7	160.4	162.6
47.5°	69.0	78.1	94.2	111.2	123.0	132.5	142.6	177.2	205.3	216.9	221.1
45°	86.6	102.3	122.3	139.8	153.5	166.3	199.2	246.4	266.2	284.1	329.5
42.5°	104.8	128.5	151.1	169.4	184.8	211.6	257.3	303.1	331.4	369.4	424.2
40°	128.1	154.6	180.8	199.4	218.7	259.3	315.8	364.3	394.3	445.2	507.8
37.5°	151.7	182.8	211.0	230.6	257.7	312.6	379.1	437.2	474.3	515.8	616.2
35°	175.0	211.5	240.4	266.7	300.1	375.9	457.8	522.5	568.4	639.4	766.5
32.5°	199.9	240.7	270.3	306.1	361.0	445.7	546.4	618.1	694.2	796.4	1000.0
30°	226.4	268.0	302.0	345.1	418.7	517.6	634.4	724.6	827.9	993.8	1213.3
27.5°	252.9	295.2	337.1	391.9	472.8	579.6	701.6	843.8	977.3	1162.8	1402.7
25°	278.3	323.0	371.6	437.8	525.3	637.0	770.2	934.2	1108.5	1320.7	1602.4
22.5°	302.5	351.1	408.1	479.2	569.5	691.6	850.4	1043.1	1252.5	1472.3	1795.9
20°	326.3	382.6	448.0	527.5	610.3	741.9	928.8	1162.1	1424.6	1725.7	2042.9
17.5°	349.8	413.7	489.1	577.6	677.8	812.5	1009.2	1287.0	1606.4	1998.3	2388.9
15°	372.8	444.2	528.9	627.0	746.0	907.0	1130.4	1435.6	1821.6	2290.9	2753.5
12.5°	395.1	473.8	567.2	675.3	812.1	995.8	1244.6	1573.9	2016.1	2576.8	3145.1
10°	416.5	502.1	603.4	721.9	875.4	1078.6	1345.5	1693.5	2162.9	2740.7	3372.8
7.5°	427.4	521.3	634.4	766.3	935.1	1154.5	1433.3	1794.6	2277.5	2872.5	3506.3
5°	435.2	530.1	646.1	784.0	967.9	1206.2	1500.6	1877.2	2362.0	2971.7	3596.7
2.5°	441.2	536.4	654.6	794.0	980.9	1223.4	1522.8	1906.0	2407.3	3023.5	3649.4
0°	445.3	540.3	659.8	799.7	987.6	1231.7	1533.0	1918.0	2426.6	3035.3	3668.5
-2.5°	449.7	545.6	665.3	808.6	997.0	1243.0	1544.3	1926.5	2441.0	3038.6	3678.9
-5°	452.2	548.4	667.4	812.8	1000.0	1245.2	1543.5	1918.4	2429.5	3014.8	3656.4
-7.5°	452.9	548.7	666.2	812.0	996.2	1235.5	1527.2	1894.5	2389.9	2966.5	3601.2
-10°	451.7	546.3	661.8	804.6	984.9	1215.5	1498.0	1853.0	2324.8	2886.8	3507.9
-12.5°	448.4	541.1	653.9	792.6	966.9	1186.9	1456.9	1793.9	2234.4	2776.0	3376.3
-15°	443.1	533.5	642.6	776.0	941.9	1150.2	1404.1	1717.1	2118.0	2635.2	3212.5
-17.5°	435.9	523.4	627.7	754.7	910.1	1105.6	1340.2	1627.2	1992.5	2478.1	3030.5
-20°	426.6	510.9	609.2	729.0	873.4	1058.6	1280.9	1547.6	1875.0	2298.1	2815.6

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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	415.3	495.9	589.8	704.3	840.9	1009.9	1214.6	1457.3	1743.2	2090.2	2581.1
-25°	403.7	481.5	570.8	676.8	803.7	954.6	1138.8	1359.9	1618.8	1936.4	2342.3
-27.5°	392.2	465.0	548.9	645.1	762.0	897.6	1067.5	1269.1	1499.8	1769.9	2100.5
-30°	379.2	446.6	524.7	611.9	722.1	848.0	994.8	1167.5	1372.7	1616.7	1904.1
-32.5°	365.1	426.9	501.3	583.1	679.3	793.9	920.9	1077.1	1255.6	1456.9	1705.3
-35°	351.1	410.0	477.4	552.2	633.4	740.7	857.4	987.0	1138.8	1317.1	1515.7
-37.5°	337.6	391.5	451.7	521.4	597.6	686.7	789.8	906.8	1037.5	1179.3	1350.9
-40°	322.5	371.6	428.6	491.7	559.0	636.3	729.3	828.6	941.1	1065.9	1198.4
-42.5°	306.2	353.4	405.3	459.8	521.5	590.5	667.7	758.5	851.9	956.5	1072.2
-45°	290.1	333.5	381.0	430.7	482.7	543.6	613.7	689.3	772.1	857.4	954.6
-47.5°	273.2	312.9	357.1	400.3	446.4	498.4	557.9	626.5	695.6	771.5	846.8
-50°	256.3	293.5	330.7	371.1	412.3	455.6	505.8	565.0	628.0	691.0	757.3
-52.5°	241.2	273.3	306.9	341.6	379.2	417.7	459.5	508.3	563.4	618.9	676.1
-55°	225.7	255.3	283.1	314.2	346.7	381.3	418.6	459.7	501.2	551.8	601.0
-57.5°	210.6	236.9	261.0	287.5	316.4	345.9	379.5	414.4	452.1	490.3	530.6
-60°	195.5	217.8	239.7	262.6	286.8	313.1	340.1	370.8	403.1	436.3	471.2
-62.5°	179.8	197.9	217.2	238.2	259.5	279.7	302.4	327.4	354.1	382.6	412.2
-65°	162.3	177.3	193.4	211.7	231.7	248.0	265.3	284.2	306.2	329.7	352.9
-67.5°	143.5	156.8	170.0	183.5	199.8	214.4	228.7	243.7	260.1	279.3	297.9
-70°	122.7	136.0	147.5	158.8	169.1	179.5	191.7	203.5	216.8	234.0	250.9
-72.5°	101.5	114.0	124.9	134.5	141.7	148.0	155.4	164.0	176.7	192.7	207.6
-75°	82.1	92.2	102.4	111.6	116.3	118.1	119.7	124.2	137.1	153.5	168.0
-77.5°	64.0	72.7	81.1	89.1	92.4	93.7	94.3	94.3	103.8	117.7	132.4
-80°	47.1	53.2	60.3	67.1	69.1	69.8	69.9	69.4	77.2	87.2	98.0
-82.5°	32.7	37.1	41.6	46.3	46.9	46.6	45.9	45.3	51.5	58.8	66.2
-85°	19.0	20.9	23.6	26.5	26.8	26.7	26.2	25.4	28.9	32.9	37.0
-87.5°	9.5	10.4	11.4	12.3	12.0	11.5	10.9	10.1	11.1	12.1	13.2
-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: P627042 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-735-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.8	0.6	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.0	0.8	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.0	0.8	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.0	0.8	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	1.0	0.8	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	1.0	0.8	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1.0	0.9	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.5	0.5	0.5	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.0	1.0	0.7	0.5	0.2	0.2	0.2	0.2	0.1	0.0	0.0
62.5°	1.3	1.3	0.9	0.8	0.9	1.0	0.8	0.7	0.7	0.7	0.8
60°	5.8	3.3	3.3	4.3	3.6	1.7	3.3	4.2	3.9	3.0	2.6
57.5°	29.3	24.5	17.1	28.7	29.6	20.6	22.4	29.2	28.3	21.9	21.8
55°	73.9	74.9	80.5	87.7	93.1	95.6	97.8	108.8	120.5	132.0	137.7
52.5°	122.0	136.3	154.0	165.8	174.0	190.8	214.3	225.2	235.7	247.6	256.3
50°	179.7	204.5	222.3	224.9	252.9	271.1	275.4	295.6	317.7	331.5	341.3
47.5°	267.3	298.7	314.2	324.1	358.2	395.5	395.6	407.2	462.5	491.5	505.4
45°	385.0	411.2	438.7	510.0	575.6	596.4	641.0	701.3	740.6	794.5	853.8
42.5°	485.3	534.4	603.2	681.7	747.5	802.2	868.4	941.0	1028.1	1110.0	1180.7
40°	584.5	645.2	730.5	815.9	898.7	974.6	1081.3	1174.5	1277.3	1390.1	1484.0
37.5°	713.9	791.8	879.8	987.5	1116.4	1200.6	1347.4	1481.4	1597.2	1733.4	1817.2
35°	912.7	1014.1	1092.0	1309.9	1466.7	1565.2	1738.9	1959.2	2043.8	2215.3	2296.6
32.5°	1162.7	1297.4	1502.6	1791.1	2000.4	2181.7	2441.4	2665.0	2855.5	3027.7	3206.8
30°	1443.5	1651.5	1953.9	2337.2	2549.9	2803.8	3155.0	3420.0	3718.9	4046.9	4161.8
27.5°	1698.3	2009.9	2361.0	2671.5	2976.9	3293.2	3638.3	3978.8	4302.2	4575.2	4758.4
25°	1934.5	2311.9	2653.1	2984.9	3315.8	3672.1	4062.4	4448.5	4804.4	5085.3	5298.8
22.5°	2178.2	2576.9	2941.9	3278.5	3663.5	4067.2	4482.2	4925.2	5330.3	5621.6	5854.2
20°	2407.3	2850.7	3267.0	3650.4	4014.3	4480.2	4958.2	5428.1	5869.1	6216.2	6484.4
17.5°	2770.9	3155.8	3664.7	4162.7	4572.6	5000.6	5639.3	6124.2	6613.7	7029.4	7313.7
15°	3217.5	3640.7	4166.2	4850.0	5411.7	5902.2	6562.0	7350.9	7928.2	8458.8	8822.9
12.5°	3664.4	4143.0	4711.4	5481.0	6280.8	6858.5	7658.9	8658.6	9331.1	10152.6	10557.6
10°	4006.9	4608.0	5193.3	5895.6	6663.7	7486.4	8349.3	9284.5	10183.0	10888.4	11519.0
7.5°	4144.8	4785.1	5462.7	6179.2	6947.3	7796.3	8715.9	9689.1	10613.9	11401.8	12094.8
5°	4247.9	4903.9	5586.0	6318.7	7139.7	8026.4	8959.7	9981.5	10925.8	11770.3	12479.3
2.5°	4313.4	4975.6	5654.8	6399.7	7263.1	8176.2	9139.5	10188.3	11146.8	12016.2	12722.9
0°	4338.5	4991.1	5686.6	6453.6	7308.4	8223.5	9228.5	10289.6	11255.8	12096.3	12823.5
-2.5°	4341.9	4976.6	5688.7	6452.0	7269.8	8193.6	9210.6	10262.9	11209.4	12046.6	12780.3
-5°	4307.8	4942.3	5655.0	6406.7	7225.7	8142.5	9115.8	10132.7	11035.5	11850.2	12556.6
-7.5°	4238.7	4871.4	5568.4	6302.9	7099.8	7989.0	8924.0	9869.4	10754.9	11536.3	12210.4
-10°	4136.2	4755.6	5428.4	6144.1	6898.2	7743.9	8635.5	9538.7	10369.2	11091.8	11715.2
-12.5°	3997.4	4602.5	5245.0	5928.2	6630.1	7436.5	8278.3	9126.5	9883.5	10543.1	11102.4
-15°	3817.1	4408.1	5030.2	5676.3	6357.0	7086.2	7841.7	8619.7	9317.8	9902.9	10413.8
-17.5°	3604.7	4177.9	4768.7	5367.7	6013.5	6697.7	7398.9	8097.4	8692.8	9212.5	9679.7
-20°	3367.9	3920.2	4481.4	5039.8	5625.8	6258.5	6906.1	7519.6	8039.9	8512.2	8939.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627042 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-735-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3102.4	3631.1	4169.0	4691.5	5219.9	5792.8	6371.2	6926.0	7412.7	7816.7	8188.3
-25°	2818.3	3306.7	3814.6	4304.5	4790.9	5304.3	5829.7	6340.2	6768.5	7119.2	7426.2
-27.5°	2531.9	2978.2	3425.8	3886.9	4336.5	4810.3	5285.9	5726.9	6111.4	6434.3	6692.3
-30°	2230.9	2629.9	3038.6	3455.9	3885.1	4318.7	4748.5	5134.5	5470.2	5754.3	5977.2
-32.5°	1980.7	2283.9	2644.7	3023.5	3425.9	3820.9	4194.7	4546.6	4863.0	5111.0	5300.0
-35°	1741.0	1997.7	2267.9	2603.2	2948.9	3312.4	3656.3	3970.3	4252.4	4469.1	4646.9
-37.5°	1534.8	1737.8	1966.4	2205.8	2495.6	2796.1	3106.5	3401.8	3653.3	3842.3	4001.2
-40°	1356.4	1516.7	1699.3	1889.1	2102.3	2318.2	2588.5	2837.7	3042.9	3219.7	3363.6
-42.5°	1195.1	1330.4	1465.2	1620.9	1781.8	1955.3	2145.0	2329.3	2486.8	2634.8	2757.0
-45°	1055.9	1163.9	1271.4	1391.7	1509.8	1650.9	1786.4	1907.3	2034.9	2145.7	2232.8
-47.5°	934.2	1018.4	1110.6	1200.6	1295.4	1401.7	1502.5	1594.5	1688.0	1769.0	1834.0
-50°	826.0	895.8	971.0	1041.7	1118.4	1196.2	1270.8	1344.0	1415.0	1476.6	1524.5
-52.5°	731.3	792.3	850.9	907.2	968.2	1025.7	1079.7	1140.1	1195.7	1244.2	1277.0
-55°	650.7	700.5	748.5	795.5	841.6	885.2	928.3	975.2	1018.0	1056.6	1081.0
-57.5°	574.9	617.3	658.0	696.4	733.0	767.7	803.9	840.0	873.0	902.1	921.0
-60°	506.0	540.6	575.8	607.2	636.7	664.4	694.9	723.8	750.4	772.8	785.9
-62.5°	442.9	473.9	499.9	524.7	549.8	574.8	596.5	617.8	638.4	655.7	667.1
-65°	376.9	403.3	425.3	445.2	463.2	482.6	501.1	517.8	532.6	543.9	551.1
-67.5°	317.9	337.3	355.0	370.8	386.9	402.3	416.5	429.2	440.4	448.3	453.5
-70°	266.6	281.4	295.9	310.3	324.6	336.7	347.0	356.4	365.0	368.6	370.2
-72.5°	221.5	234.7	247.4	260.1	272.0	281.4	289.0	295.9	302.2	296.8	287.4
-75°	180.7	192.2	204.1	215.3	225.8	233.0	238.6	243.8	248.5	236.9	220.8
-77.5°	147.2	157.4	166.2	174.9	183.6	188.2	191.7	195.2	198.6	185.5	169.1
-80°	109.2	117.4	124.9	132.2	139.4	142.2	143.8	144.9	145.5	134.3	121.4
-82.5°	73.8	78.0	82.1	86.4	90.8	93.1	94.8	96.2	97.1	89.2	80.3
-85°	41.4	42.7	43.7	44.5	45.2	46.7	48.0	49.3	50.4	46.7	42.5
-87.5°	14.2	14.2	14.2	14.0	13.9	13.9	13.9	13.9	13.8	13.2	12.6
-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: P627042 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-735-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2
62.5°	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.7	0.7	0.7
60°	2.0	1.2	1.0	1.0	1.0	1.2	2.0	2.6	3.0	3.9	4.2
57.5°	20.4	17.8	15.9	14.3	15.9	17.8	20.4	21.8	21.9	28.3	29.2
55°	135.3	125.9	114.5	101.1	114.5	125.9	135.3	137.7	132.0	120.5	108.8
52.5°	265.3	274.1	279.2	278.8	279.2	274.1	265.3	256.3	247.6	235.7	225.2
50°	349.2	354.1	354.3	350.3	354.3	354.1	349.2	341.3	331.5	317.7	295.6
47.5°	511.7	505.0	493.4	481.0	493.4	505.0	511.7	505.4	491.5	462.5	407.2
45°	892.9	914.4	913.0	885.5	913.0	914.4	892.9	853.8	794.5	740.6	701.3
42.5°	1220.2	1252.5	1275.3	1286.8	1275.3	1252.5	1220.2	1180.7	1110.0	1028.1	941.0
40°	1536.9	1568.1	1581.8	1581.0	1581.8	1568.1	1536.9	1484.0	1390.1	1277.3	1174.5
37.5°	1871.6	1911.9	1931.4	1922.1	1931.4	1911.9	1871.6	1817.2	1733.4	1597.2	1481.4
35°	2331.8	2369.5	2370.2	2351.0	2370.2	2369.5	2331.8	2296.6	2215.3	2043.8	1959.2
32.5°	3349.0	3361.6	3264.7	3230.4	3264.7	3361.6	3349.0	3206.8	3027.7	2855.5	2665.0
30°	4276.2	4365.5	4448.7	4490.7	4448.7	4365.5	4276.2	4161.8	4046.9	3718.9	3420.0
27.5°	4896.5	5004.0	5070.6	5074.8	5070.6	5004.0	4896.5	4758.4	4575.2	4302.2	3978.8
25°	5460.6	5580.9	5653.6	5678.4	5653.6	5580.9	5460.6	5298.8	5085.3	4804.4	4448.5
22.5°	6051.7	6193.4	6287.3	6306.5	6287.3	6193.4	6051.7	5854.2	5621.6	5330.3	4925.2
20°	6737.5	6902.4	6992.4	6988.8	6992.4	6902.4	6737.5	6484.4	6216.2	5869.1	5428.1
17.5°	7640.3	7817.2	7894.9	7861.0	7894.9	7817.2	7640.3	7313.7	7029.4	6613.7	6124.2
15°	9196.5	9566.6	9565.1	9417.4	9565.1	9566.6	9196.5	8822.9	8458.8	7928.2	7350.9
12.5°	11116.1	11392.0	11674.9	11735.8	11674.9	11392.0	11116.1	10557.6	10152.6	9331.1	8658.6
10°	12050.2	12416.5	12658.2	12651.9	12658.2	12416.5	12050.2	11519.0	10888.4	10183.0	9284.5
7.5°	12634.6	13039.3	13332.2	13325.9	13332.2	13039.3	12634.6	12094.8	11401.8	10613.9	9689.1
5°	13085.5	13534.5	13793.9	13813.1	13793.9	13534.5	13085.5	12479.3	11770.3	10925.8	9981.5
2.5°	13319.9	13788.3	14100.3	14059.2	14100.3	13788.3	13319.9	12722.9	12016.2	11146.8	10188.3
0°	13417.8	13881.5	14172.6	14298.2	14172.6	13881.5	13417.8	12823.5	12096.3	11255.8	10289.6
-2.5°	13375.0	13826.2	14147.9	14160.3	14147.9	13826.2	13375.0	12780.3	12046.6	11209.4	10262.9
-5°	13145.9	13622.0	13837.5	13952.0	13837.5	13622.0	13145.9	12556.6	11850.2	11035.5	10132.7
-7.5°	12776.3	13133.1	13406.9	13533.3	13406.9	13133.1	12776.3	12210.4	11536.3	10754.9	9869.4
-10°	12201.1	12570.5	12801.8	12906.2	12801.8	12570.5	12201.1	11715.2	11091.8	10369.2	9538.7
-12.5°	11563.9	11899.6	12119.6	12207.6	12119.6	11899.6	11563.9	11102.4	10543.1	9883.5	9126.5
-15°	10853.0	11157.8	11360.3	11444.7	11360.3	11157.8	10853.0	10413.8	9902.9	9317.8	8619.7
-17.5°	10070.5	10337.5	10539.2	10600.1	10539.2	10337.5	10070.5	9679.7	9212.5	8692.8	8097.4
-20°	9265.8	9507.2	9673.3	9709.5	9673.3	9507.2	9265.8	8939.8	8512.2	8039.9	7519.6



REPORT NUMBER: P627042 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-735-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	8455.0	8653.9	8788.8	8834.3	8788.8	8653.9	8455.0	8188.3	7816.7	7412.7	6926.0
-25°	7662.5	7834.2	7942.8	7983.5	7942.8	7834.2	7662.5	7426.2	7119.2	6768.5	6340.2
-27.5°	6900.5	7060.5	7160.2	7173.6	7160.2	7060.5	6900.5	6692.3	6434.3	6111.4	5726.9
-30°	6150.6	6282.8	6359.7	6392.3	6359.7	6282.8	6150.6	5977.2	5754.3	5470.2	5134.5
-32.5°	5449.8	5565.3	5634.4	5652.9	5634.4	5565.3	5449.8	5300.0	5111.0	4863.0	4546.6
-35°	4788.3	4894.9	4956.2	4951.3	4956.2	4894.9	4788.3	4646.9	4469.1	4252.4	3970.3
-37.5°	4132.5	4230.9	4286.5	4281.3	4286.5	4230.9	4132.5	4001.2	3842.3	3653.3	3401.8
-40°	3482.0	3566.9	3615.8	3627.7	3615.8	3566.9	3482.0	3363.6	3219.7	3042.9	2837.7
-42.5°	2858.7	2937.0	2976.2	2960.8	2976.2	2937.0	2858.7	2757.0	2634.8	2486.8	2329.3
-45°	2293.8	2334.3	2361.0	2377.6	2361.0	2334.3	2293.8	2232.8	2145.7	2034.9	1907.3
-47.5°	1881.5	1915.1	1933.2	1936.4	1933.2	1915.1	1881.5	1834.0	1769.0	1688.0	1594.5
-50°	1561.8	1590.3	1603.0	1599.4	1603.0	1590.3	1561.8	1524.5	1476.6	1415.0	1344.0
-52.5°	1300.7	1317.2	1328.4	1333.8	1328.4	1317.2	1300.7	1277.0	1244.2	1195.7	1140.1
-55°	1099.4	1112.3	1119.9	1122.4	1119.9	1112.3	1099.4	1081.0	1056.6	1018.0	975.2
-57.5°	936.7	949.0	953.5	951.9	953.5	949.0	936.7	921.0	902.1	873.0	840.0
-60°	796.0	803.0	808.2	810.9	808.2	803.0	796.0	785.9	772.8	750.4	723.8
-62.5°	676.2	682.8	688.2	691.4	688.2	682.8	676.2	667.1	655.7	638.4	617.8
-65°	556.1	559.0	559.9	558.7	559.9	559.0	556.1	551.1	543.9	532.6	517.8
-67.5°	457.3	459.7	461.3	461.6	461.3	459.7	457.3	453.5	448.3	440.4	429.2
-70°	371.7	372.7	371.6	368.7	371.6	372.7	371.7	370.2	368.6	365.0	356.4
-72.5°	277.7	267.5	257.4	246.1	257.4	267.5	277.7	287.4	296.8	302.2	295.9
-75°	204.2	186.9	180.7	174.6	180.7	186.9	204.2	220.8	236.9	248.5	243.8
-77.5°	151.8	133.9	129.1	124.6	129.1	133.9	151.8	169.1	185.5	198.6	195.2
-80°	107.9	93.9	90.8	87.8	90.8	93.9	107.9	121.4	134.3	145.5	144.9
-82.5°	70.9	61.2	59.2	57.2	59.2	61.2	70.9	80.3	89.2	97.1	96.2
-85°	38.1	33.6	32.7	31.7	32.7	33.6	38.1	42.5	46.7	50.4	49.3
-87.5°	11.9	11.2	11.2	11.2	11.2	11.2	11.9	12.6	13.2	13.8	13.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P627042 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-735-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.2	0.4	0.6	0.8	0.8	0.8	0.7	0.7
85°	0.0	0.0	0.0	0.3	0.5	0.8	1.0	1.0	1.0	1.0	1.0
82.5°	0.0	0.0	0.0	0.3	0.5	0.8	1.0	1.0	1.0	1.0	1.0
80°	0.0	0.0	0.0	0.3	0.5	0.8	1.0	1.0	1.0	1.0	1.0
77.5°	0.0	0.0	0.1	0.3	0.6	0.8	1.0	1.0	1.0	1.0	1.0
75°	0.0	0.0	0.1	0.3	0.6	0.8	1.0	1.0	1.0	1.0	1.0
72.5°	0.0	0.0	0.1	0.3	0.6	0.9	1.0	1.0	1.0	1.0	1.0
70°	0.0	0.0	0.0	0.0	0.1	0.3	0.6	0.8	1.0	1.0	1.0
67.5°	0.0	0.0	0.2	0.4	0.5	0.5	0.5	0.5	0.8	1.0	1.0
65°	0.2	0.2	0.2	0.5	0.7	1.0	1.0	0.9	0.9	1.1	1.0
62.5°	0.8	1.0	0.9	0.8	0.9	1.3	1.3	1.3	1.2	1.5	2.3
60°	3.3	1.7	3.6	4.3	3.3	3.3	5.8	5.4	2.0	7.6	9.2
57.5°	22.4	20.6	29.6	28.7	17.1	24.5	29.3	19.7	13.7	21.7	26.2
55°	97.8	95.6	93.1	87.7	80.5	74.9	73.9	73.7	58.6	42.5	48.1
52.5°	214.3	190.8	174.0	165.8	154.0	136.3	122.0	119.2	115.6	95.7	79.0
50°	275.4	271.1	252.9	224.9	222.3	204.5	179.7	162.6	160.4	146.7	121.6
47.5°	395.6	395.5	358.2	324.1	314.2	298.7	267.3	221.1	216.9	205.3	177.2
45°	641.0	596.4	575.6	510.0	438.7	411.2	385.0	329.5	284.1	266.2	246.4
42.5°	868.4	802.2	747.5	681.7	603.2	534.4	485.3	424.2	369.4	331.4	303.1
40°	1081.3	974.6	898.7	815.9	730.5	645.2	584.5	507.8	445.2	394.3	364.3
37.5°	1347.4	1200.6	1116.4	987.5	879.8	791.8	713.9	616.2	515.8	474.3	437.2
35°	1738.9	1565.2	1466.7	1309.9	1092.0	1014.1	912.7	766.5	639.4	568.4	522.5
32.5°	2441.4	2181.7	2000.4	1791.1	1502.6	1297.4	1162.7	1000.0	796.4	694.2	618.1
30°	3155.0	2803.8	2549.9	2337.2	1953.9	1651.5	1443.5	1213.3	993.8	827.9	724.6
27.5°	3638.3	3293.2	2976.9	2671.5	2361.0	2009.9	1698.3	1402.7	1162.8	977.3	843.8
25°	4062.4	3672.1	3315.8	2984.9	2653.1	2311.9	1934.5	1602.4	1320.7	1108.5	934.2
22.5°	4482.2	4067.2	3663.5	3278.5	2941.9	2576.9	2178.2	1795.9	1472.3	1252.5	1043.1
20°	4958.2	4480.2	4014.3	3650.4	3267.0	2850.7	2407.3	2042.9	1725.7	1424.6	1162.1
17.5°	5639.3	5000.6	4572.6	4162.7	3664.7	3155.8	2770.9	2388.9	1998.3	1606.4	1287.0
15°	6562.0	5902.2	5411.7	4850.0	4166.2	3640.7	3217.5	2753.5	2290.9	1821.6	1435.6
12.5°	7658.9	6858.5	6280.8	5481.0	4711.4	4143.0	3664.4	3145.1	2576.8	2016.1	1573.9
10°	8349.3	7486.4	6663.7	5895.6	5193.3	4608.0	4006.9	3372.8	2740.7	2162.9	1693.5
7.5°	8715.9	7796.3	6947.3	6179.2	5462.7	4785.1	4144.8	3506.3	2872.5	2277.5	1794.6
5°	8959.7	8026.4	7139.7	6318.7	5586.0	4903.9	4247.9	3596.7	2971.7	2362.0	1877.2
2.5°	9139.5	8176.2	7263.1	6399.7	5654.8	4975.6	4313.4	3649.4	3023.5	2407.3	1906.0
0°	9228.5	8223.5	7308.4	6453.6	5686.6	4991.1	4338.5	3668.5	3035.3	2426.6	1918.0
-2.5°	9210.6	8193.6	7269.8	6452.0	5688.7	4976.6	4341.9	3678.9	3038.6	2441.0	1926.5
-5°	9115.8	8142.5	7225.7	6406.7	5655.0	4942.3	4307.8	3656.4	3014.8	2429.5	1918.4
-7.5°	8924.0	7989.0	7099.8	6302.9	5568.4	4871.4	4238.7	3601.2	2966.5	2389.9	1894.5
-10°	8635.5	7743.9	6898.2	6144.1	5428.4	4755.6	4136.2	3507.9	2886.8	2324.8	1853.0
-12.5°	8278.3	7436.5	6630.1	5928.2	5245.0	4602.5	3997.4	3376.3	2776.0	2234.4	1793.9
-15°	7841.7	7086.2	6357.0	5676.3	5030.2	4408.1	3817.1	3212.5	2635.2	2118.0	1717.1
-17.5°	7398.9	6697.7	6013.5	5367.7	4768.7	4177.9	3604.7	3030.5	2478.1	1992.5	1627.2
-20°	6906.1	6258.5	5625.8	5039.8	4481.4	3920.2	3367.9	2815.6	2298.1	1875.0	1547.6



REPORT NUMBER: P627042 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-735-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6371.2	5792.8	5219.9	4691.5	4169.0	3631.1	3102.4	2581.1	2090.2	1743.2	1457.3
-25°	5829.7	5304.3	4790.9	4304.5	3814.6	3306.7	2818.3	2342.3	1936.4	1618.8	1359.9
-27.5°	5285.9	4810.3	4336.5	3886.9	3425.8	2978.2	2531.9	2100.5	1769.9	1499.8	1269.1
-30°	4748.5	4318.7	3885.1	3455.9	3038.6	2629.9	2230.9	1904.1	1616.7	1372.7	1167.5
-32.5°	4194.7	3820.9	3425.9	3023.5	2644.7	2283.9	1980.7	1705.3	1456.9	1255.6	1077.1
-35°	3656.3	3312.4	2948.9	2603.2	2267.9	1997.7	1741.0	1515.7	1317.1	1138.8	987.0
-37.5°	3106.5	2796.1	2495.6	2205.8	1966.4	1737.8	1534.8	1350.9	1179.3	1037.5	906.8
-40°	2588.5	2318.2	2102.3	1889.1	1699.3	1516.7	1356.4	1198.4	1065.9	941.1	828.6
-42.5°	2145.0	1955.3	1781.8	1620.9	1465.2	1330.4	1195.1	1072.2	956.5	851.9	758.5
-45°	1786.4	1650.9	1509.8	1391.7	1271.4	1163.9	1055.9	954.6	857.4	772.1	689.3
-47.5°	1502.5	1401.7	1295.4	1200.6	1110.6	1018.4	934.2	846.8	771.5	695.6	626.5
-50°	1270.8	1196.2	1118.4	1041.7	971.0	895.8	826.0	757.3	691.0	628.0	565.0
-52.5°	1079.7	1025.7	968.2	907.2	850.9	792.3	731.3	676.1	618.9	563.4	508.3
-55°	928.3	885.2	841.6	795.5	748.5	700.5	650.7	601.0	551.8	501.2	459.7
-57.5°	803.9	767.7	733.0	696.4	658.0	617.3	574.9	530.6	490.3	452.1	414.4
-60°	694.9	664.4	636.7	607.2	575.8	540.6	506.0	471.2	436.3	403.1	370.8
-62.5°	596.5	574.8	549.8	524.7	499.9	473.9	442.9	412.2	382.6	354.1	327.4
-65°	501.1	482.6	463.2	445.2	425.3	403.3	376.9	352.9	329.7	306.2	284.2
-67.5°	416.5	402.3	386.9	370.8	355.0	337.3	317.9	297.9	279.3	260.1	243.7
-70°	347.0	336.7	324.6	310.3	295.9	281.4	266.6	250.9	234.0	216.8	203.5
-72.5°	289.0	281.4	272.0	260.1	247.4	234.7	221.5	207.6	192.7	176.7	164.0
-75°	238.6	233.0	225.8	215.3	204.1	192.2	180.7	168.0	153.5	137.1	124.2
-77.5°	191.7	188.2	183.6	174.9	166.2	157.4	147.2	132.4	117.7	103.8	94.3
-80°	143.8	142.2	139.4	132.2	124.9	117.4	109.2	98.0	87.2	77.2	69.4
-82.5°	94.8	93.1	90.8	86.4	82.1	78.0	73.8	66.2	58.8	51.5	45.3
-85°	48.0	46.7	45.2	44.5	43.7	42.7	41.4	37.0	32.9	28.9	25.4
-87.5°	13.9	13.9	13.9	14.0	14.2	14.2	14.2	13.2	12.1	11.1	10.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P627042 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-735-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.3	0.3
85°	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.8	0.7	0.6
82.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9
80°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
77.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
75°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
72.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
70°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.0	1.0	1.0
67.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.3	1.3	1.0	1.0
65°	1.0	1.0	1.1	1.5	1.4	1.0	1.0	2.0	1.7	1.5	1.0
62.5°	2.0	1.0	2.6	3.5	2.3	1.8	1.5	4.2	2.7	1.9	1.4
60°	4.6	3.7	7.1	10.9	7.9	3.1	4.5	7.3	6.8	2.5	1.9
57.5°	23.6	10.7	15.9	20.7	19.8	11.1	9.0	12.5	11.4	6.7	2.7
55°	49.1	41.7	33.2	33.0	33.4	26.4	18.8	19.4	17.2	12.2	3.9
52.5°	74.5	72.3	64.3	52.4	48.1	43.5	35.6	27.5	25.5	18.2	9.6
50°	106.3	100.5	94.2	82.0	66.4	60.3	52.2	42.0	34.7	25.5	15.9
47.5°	142.6	132.5	123.0	111.2	94.2	78.1	69.0	57.0	44.9	35.0	22.2
45°	199.2	166.3	153.5	139.8	122.3	102.3	86.6	71.7	58.1	44.6	28.6
42.5°	257.3	211.6	184.8	169.4	151.1	128.5	104.8	88.2	71.2	54.1	36.1
40°	315.8	259.3	218.7	199.4	180.8	154.6	128.1	105.3	84.0	64.0	44.4
37.5°	379.1	312.6	257.7	230.6	211.0	182.8	151.7	122.8	97.1	74.7	52.6
35°	457.8	375.9	300.1	266.7	240.4	211.5	175.0	141.8	112.8	85.5	60.6
32.5°	546.4	445.7	361.0	306.1	270.3	240.7	199.9	163.2	128.9	96.2	68.5
30°	634.4	517.6	418.7	345.1	302.0	268.0	226.4	184.9	145.4	107.0	76.5
27.5°	701.6	579.6	472.8	391.9	337.1	295.2	252.9	206.5	162.1	118.8	85.3
25°	770.2	637.0	525.3	437.8	371.6	323.0	278.3	228.2	179.9	132.4	93.9
22.5°	850.4	691.6	569.5	479.2	408.1	351.1	302.5	250.2	197.9	145.9	102.2
20°	928.8	741.9	610.3	527.5	448.0	382.6	326.3	271.1	215.5	159.2	110.3
17.5°	1009.2	812.5	677.8	577.6	489.1	413.7	349.8	291.0	232.6	172.1	118.1
15°	1130.4	907.0	746.0	627.0	528.9	444.2	372.8	309.7	249.1	184.6	125.0
12.5°	1244.6	995.8	812.1	675.3	567.2	473.8	395.1	327.2	264.9	194.9	130.7
10°	1345.5	1078.6	875.4	721.9	603.4	502.1	416.5	341.0	274.2	203.2	135.9
7.5°	1433.3	1154.5	935.1	766.3	634.4	521.3	427.4	348.2	281.3	210.5	140.4
5°	1500.6	1206.2	967.9	784.0	646.1	530.1	435.2	354.0	286.9	216.7	144.3
2.5°	1522.8	1223.4	980.9	794.0	654.6	536.4	441.2	358.4	291.1	221.8	147.5
0°	1533.0	1231.7	987.6	799.7	659.8	540.3	445.3	361.5	294.1	225.7	150.1
-2.5°	1544.3	1243.0	997.0	808.6	665.3	545.6	449.7	366.3	298.4	230.1	154.4
-5°	1543.5	1245.2	1000.0	812.8	667.4	548.4	452.2	369.7	301.4	233.4	158.0
-7.5°	1527.2	1235.5	996.2	812.0	666.2	548.7	452.9	371.7	303.3	235.4	160.9
-10°	1498.0	1215.5	984.9	804.6	661.8	546.3	451.7	372.3	304.1	236.3	162.9
-12.5°	1456.9	1186.9	966.9	792.6	653.9	541.1	448.4	370.6	303.6	236.0	164.1
-15°	1404.1	1150.2	941.9	776.0	642.6	533.5	443.1	367.0	301.0	234.3	164.3
-17.5°	1340.2	1105.6	910.1	754.7	627.7	523.4	435.9	362.0	297.4	231.2	164.0
-20°	1280.9	1058.6	873.4	729.0	609.2	510.9	426.6	355.7	292.9	227.4	163.2

Classified

Cooper Lighting Solutions Photometric Lab  
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Scaled Data Report



REPORT NUMBER: P627042 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-735-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1214.6	1009.9	840.9	704.3	589.8	495.9	415.3	348.0	287.6	223.0	161.7
-25°	1138.8	954.6	803.7	676.8	570.8	481.5	403.7	338.9	281.5	217.8	159.6
-27.5°	1067.5	897.6	762.0	645.1	548.9	465.0	392.2	330.5	274.4	212.1	156.8
-30°	994.8	848.0	722.1	611.9	524.7	446.6	379.2	321.5	266.4	207.1	153.3
-32.5°	920.9	793.9	679.3	583.1	501.3	426.9	365.1	311.9	258.1	202.2	150.4
-35°	857.4	740.7	633.4	552.2	477.4	410.0	351.1	301.7	249.5	196.6	147.3
-37.5°	789.8	686.7	597.6	521.4	451.7	391.5	337.6	289.6	240.6	190.4	143.5
-40°	729.3	636.3	559.0	491.7	428.6	371.6	322.5	276.8	232.4	183.5	139.1
-42.5°	667.7	590.5	521.5	459.8	405.3	353.4	306.2	263.1	221.7	177.1	134.0
-45°	613.7	543.6	482.7	430.7	381.0	333.5	290.1	248.8	210.2	170.6	128.7
-47.5°	557.9	498.4	446.4	400.3	357.1	312.9	273.2	235.6	198.4	163.3	123.3
-50°	505.8	455.6	412.3	371.1	330.7	293.5	256.3	222.1	187.6	153.7	117.2
-52.5°	459.5	417.7	379.2	341.6	306.9	273.3	241.2	208.3	176.3	144.1	110.4
-55°	418.6	381.3	346.7	314.2	283.1	255.3	225.7	195.3	164.6	134.3	103.3
-57.5°	379.5	345.9	316.4	287.5	261.0	236.9	210.6	181.8	152.7	123.9	96.8
-60°	340.1	313.1	286.8	262.6	239.7	217.8	195.5	168.0	140.4	113.3	89.1
-62.5°	302.4	279.7	259.5	238.2	217.2	197.9	179.8	153.6	127.6	102.8	80.6
-65°	265.3	248.0	231.7	211.7	193.4	177.3	162.3	138.8	114.2	91.6	71.6
-67.5°	228.7	214.4	199.8	183.5	170.0	156.8	143.5	122.3	99.9	79.8	62.6
-70°	191.7	179.5	169.1	158.8	147.5	136.0	122.7	104.6	85.0	68.6	53.2
-72.5°	155.4	148.0	141.7	134.5	124.9	114.0	101.5	86.7	71.5	57.1	43.6
-75°	119.7	118.1	116.3	111.6	102.4	92.2	82.1	70.8	57.7	45.3	35.5
-77.5°	94.3	93.7	92.4	89.1	81.1	72.7	64.0	54.5	44.5	36.0	27.9
-80°	69.9	69.8	69.1	67.1	60.3	53.2	47.1	41.0	33.7	26.8	20.2
-82.5°	45.9	46.6	46.9	46.3	41.6	37.1	32.7	28.4	22.8	17.4	13.5
-85°	26.2	26.7	26.8	26.5	23.6	20.9	19.0	17.2	14.2	11.5	9.0
-87.5°	10.9	11.5	12.0	12.3	11.4	10.4	9.5	8.6	7.1	5.8	4.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT NUMBER: P627042 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-735-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.3	0.2	0.2	0.1	0.1	0.0	0.0
85°	0.5	0.4	0.3	0.3	0.2	0.1	0.0
82.5°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
80°	1.0	0.9	0.7	0.5	0.3	0.2	0.0
77.5°	1.0	1.0	0.9	0.6	0.4	0.2	0.0
75°	1.0	1.0	1.0	0.8	0.5	0.3	0.0
72.5°	1.0	1.0	1.0	0.9	0.6	0.3	0.0
70°	1.0	1.0	1.0	1.0	0.7	0.3	0.0
67.5°	1.1	1.0	1.0	1.0	0.8	0.4	0.0
65°	1.2	1.1	1.0	1.0	0.8	0.4	0.0
62.5°	1.4	1.4	1.0	1.0	0.9	0.5	0.0
60°	1.6	1.6	1.0	1.0	1.0	0.5	0.0
57.5°	2.8	1.9	1.3	1.0	1.0	0.5	0.0
55°	4.2	2.2	1.6	1.0	1.0	0.6	0.0
52.5°	5.9	2.8	1.9	1.0	1.0	0.6	0.0
50°	7.8	4.6	2.3	1.0	1.1	0.6	0.0
47.5°	10.4	6.5	2.6	1.1	1.1	0.7	0.0
45°	15.9	8.5	3.0	1.4	1.1	0.7	0.0
42.5°	21.4	10.6	3.4	1.6	1.2	0.7	0.0
40°	26.9	12.9	4.5	2.0	1.2	0.8	0.0
37.5°	32.3	15.2	6.2	2.4	1.2	0.8	0.0
35°	37.7	18.9	8.0	2.9	1.3	0.8	0.0
32.5°	43.4	23.1	9.8	3.4	1.3	0.8	0.0
30°	49.8	27.3	11.6	4.0	1.4	0.9	0.0
27.5°	56.0	31.3	13.6	4.6	1.4	0.9	0.0
25°	62.0	35.2	15.7	5.2	1.5	0.9	0.0
22.5°	67.7	39.0	17.7	5.8	1.5	0.9	0.0
20°	73.1	42.6	19.6	6.4	1.6	0.9	0.0
17.5°	78.2	46.1	21.5	7.1	1.6	1.0	0.0
15°	82.8	49.3	23.3	7.7	1.7	1.0	0.0
12.5°	87.1	52.3	25.0	8.4	1.7	1.0	0.0
10°	90.9	55.1	26.6	9.0	1.8	1.0	0.0
7.5°	94.4	57.5	28.0	9.6	1.9	1.0	0.0
5°	97.4	59.8	29.4	10.2	1.9	1.0	0.0
2.5°	100.0	61.7	30.6	10.7	2.0	1.0	0.0
0°	102.1	63.3	31.7	11.2	2.0	1.0	0.0
-2.5°	104.9	65.3	33.1	11.9	2.3	1.1	0.0
-5°	107.2	67.0	34.4	12.6	2.6	1.1	0.0
-7.5°	109.0	68.3	35.5	13.2	2.9	1.2	0.0
-10°	110.3	69.3	36.4	13.7	3.2	1.3	0.0
-12.5°	111.1	70.0	37.0	14.1	3.5	1.3	0.0
-15°	111.3	70.3	37.5	14.5	3.7	1.4	0.0
-17.5°	111.0	70.3	37.7	14.8	4.0	1.4	0.0
-20°	110.7	69.9	37.6	15.0	4.2	1.4	0.0

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CATALOG NUMBER: GFLD-SA2E-735-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	110.7	69.1	37.3	15.1	4.4	1.5	0.0
-25°	110.2	68.9	36.8	15.1	4.5	1.5	0.0
-27.5°	109.2	68.6	35.9	15.0	4.7	1.5	0.0
-30°	107.6	67.9	34.9	14.7	4.8	1.5	0.0
-32.5°	105.4	66.7	34.5	14.4	4.9	1.5	0.0
-35°	103.4	65.1	33.7	14.0	4.9	1.5	0.0
-37.5°	101.0	63.3	32.7	13.5	4.9	1.5	0.0
-40°	98.1	61.8	31.4	12.9	4.9	1.5	0.0
-42.5°	94.6	59.9	30.5	12.3	4.9	1.5	0.0
-45°	90.6	57.5	29.9	11.8	4.8	1.5	0.0
-47.5°	86.0	54.8	29.0	11.2	4.7	1.4	0.0
-50°	82.0	51.7	27.8	10.9	4.6	1.4	0.0
-52.5°	77.7	48.2	26.2	10.8	4.4	1.4	0.0
-55°	72.9	45.4	24.4	10.5	4.2	1.3	0.0
-57.5°	67.7	42.3	22.3	10.1	3.9	1.2	0.0
-60°	62.1	38.8	20.0	9.5	3.7	1.2	0.0
-62.5°	56.6	34.9	18.6	8.9	3.5	1.1	0.0
-65°	50.6	30.6	17.0	8.1	3.2	1.0	0.0
-67.5°	44.2	26.8	15.2	7.2	3.0	0.9	0.0
-70°	37.2	23.5	13.3	6.2	2.7	0.8	0.0
-72.5°	31.7	20.0	11.1	5.5	2.4	0.7	0.0
-75°	26.0	16.2	8.8	4.8	2.1	0.6	0.0
-77.5°	20.0	12.2	7.3	4.0	1.7	0.5	0.0
-80°	13.9	9.3	5.9	3.3	1.4	0.4	0.0
-82.5°	10.2	7.1	4.5	2.5	1.1	0.3	0.0
-85°	6.9	4.7	3.0	1.7	0.7	0.2	0.0
-87.5°	3.4	2.4	1.5	0.8	0.4	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)