

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: P627222 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3D-735-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627222 (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-SA3D-735-U-WR-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (48) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

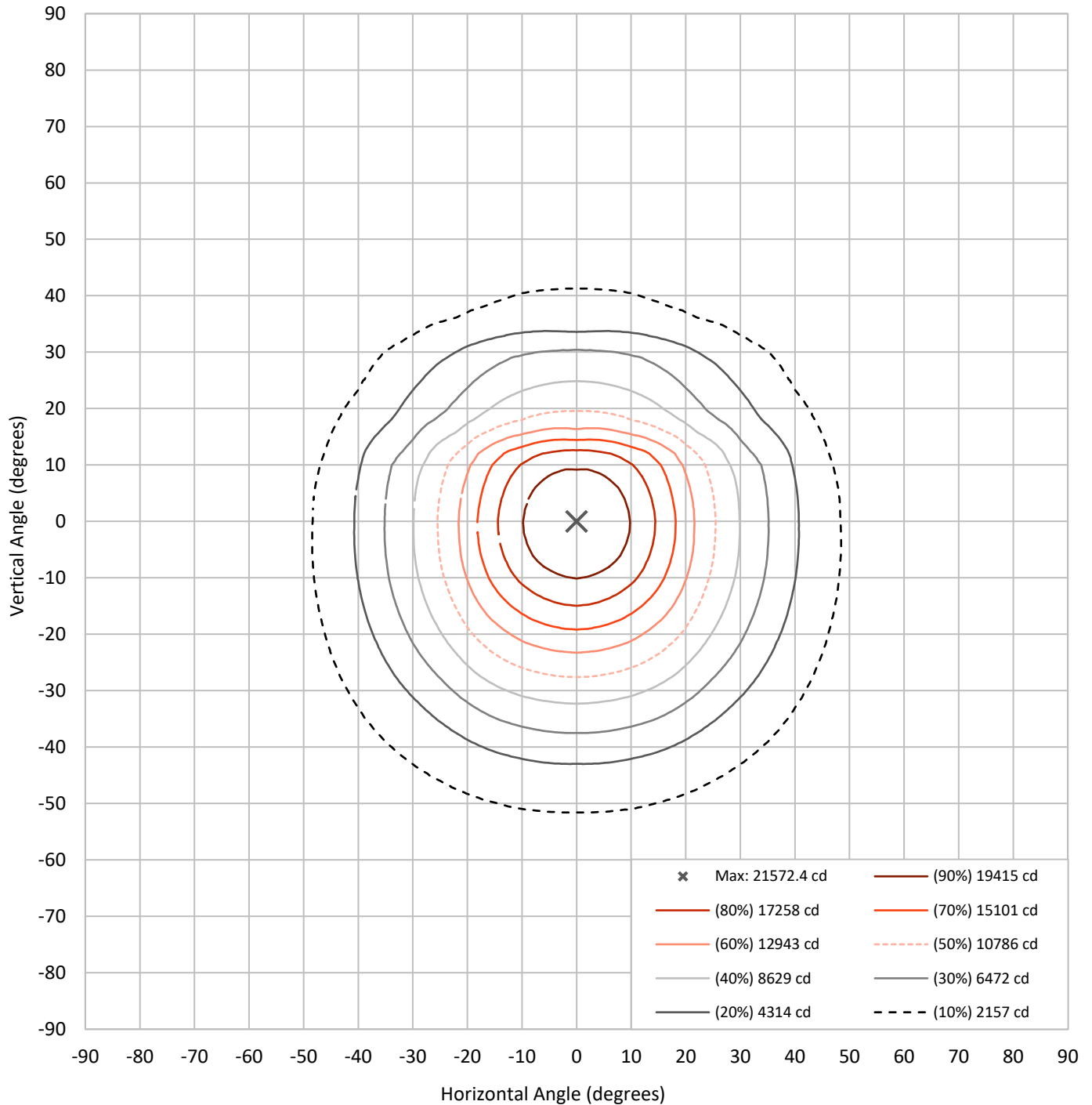
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	19031.5 lumens	Max Intensity:	21572.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	118.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' 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:	9162.8 lumens	Field Lumens:	17039.7 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
Input Watts (W):	160.2		
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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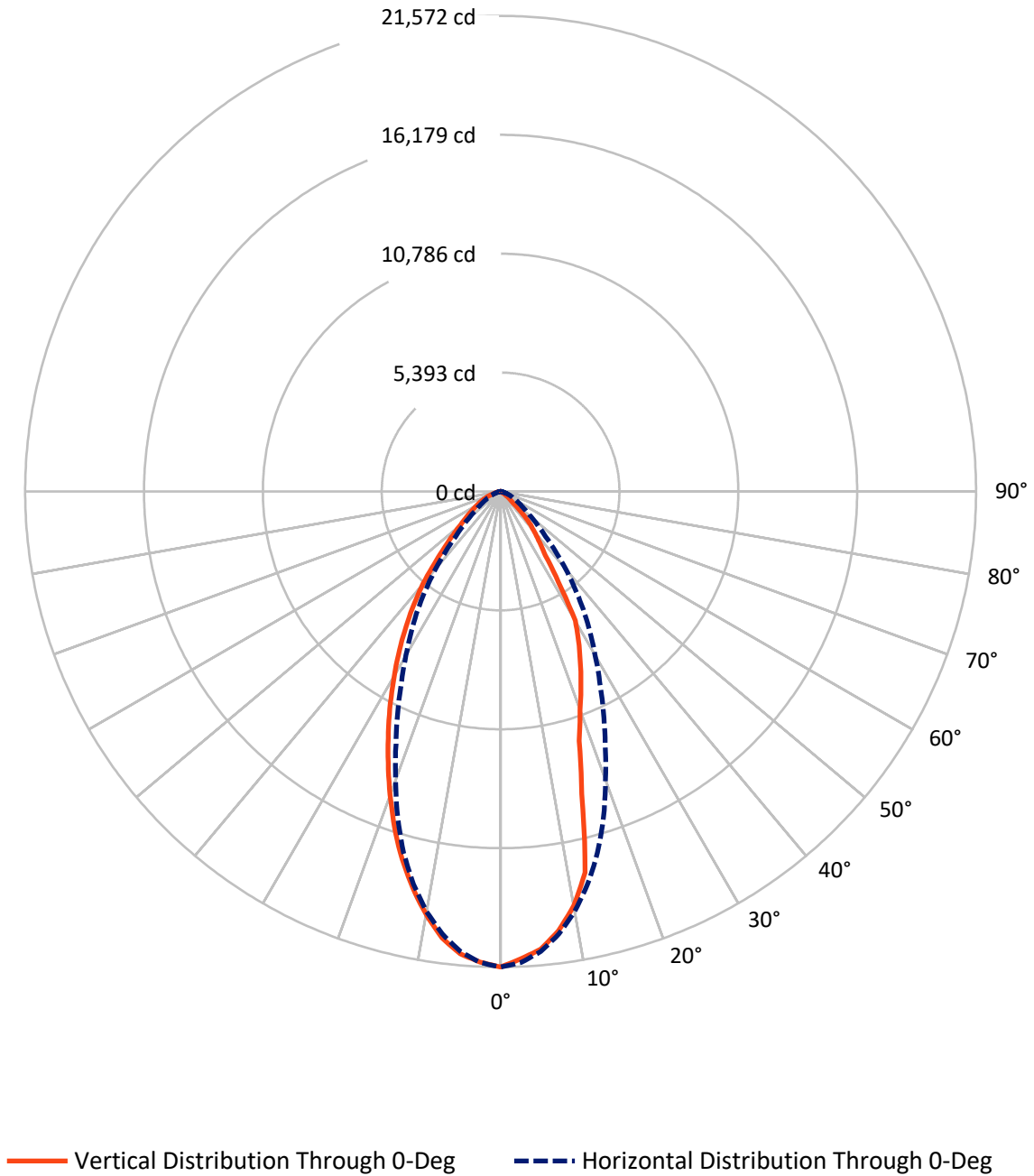
CATALOG NUMBER: GFLD-SA3D-735-U-WR-VSR-XX

Lumen Table

90																			
80	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0						
70																			
60	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1				
50		0.4	1.0	1.8	3.0	4.4	6.0	6.7	6.7	6.0	4.4	3.0	1.8	1.0		0.4			
40	0.8	1.5	3.7	7.7	14.2	23.2	33.5	41.1	41.1	33.5	23.2	14.2	7.7	3.7	1.5	0.8			
30		2.9	7.4	17.2	35.5	65.3	99.8	120.0	120.0	99.8	65.3	35.5	17.2	7.4	2.9				
20	2.1	4.5	12.1	31.3	73.9	138.8	211.2	254.6	254.6	211.2	138.8	73.9	31.3	12.1	4.5	2.1			
10		6.2	17.2	49.0	121.6	224.9	351.4	434.5	434.5	351.4	224.9	121.6	49.0	17.2	6.2				
0	3.0	7.2	21.6	63.4	159.7	297.6	477.9	605.9	605.9	477.9	297.6	159.7	63.4	21.6	7.2	3.0			
-10		7.5	22.5	65.4	162.0	302.0	482.8	609.7	609.7	482.8	302.0	162.0	65.4	22.5	7.5				
-20	3.2	7.4	21.3	58.3	143.5	265.1	408.7	504.3	504.3	408.7	265.1	143.5	58.3	21.3	7.4	3.2			
-30		6.8	18.4	45.6	107.1	199.9	297.9	357.2	357.2	297.9	199.9	107.1	45.6	18.4	6.8				
-40	2.7	6.0	14.9	33.0	67.4	124.0	187.1	222.7	222.7	187.1	124.0	67.4	33.0	14.9	6.0	2.7			
-50		4.9	11.5	22.8	40.5	64.9	93.1	110.8	110.8	93.1	64.9	40.5	22.8	11.5	4.9				
-60	1.7	3.9	8.4	15.2	24.7	35.6	46.0	52.1	52.1	46.0	35.6	24.7	15.2	8.4	3.9	1.7			
-70		2.7	5.6	9.4	14.4	19.6	23.9	26.1	26.1	23.9	19.6	14.4	9.4	5.6	2.7				
-80	0.5	5.4	14.0	25.0	22.8	25.0	14.0	5.4	0.5										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

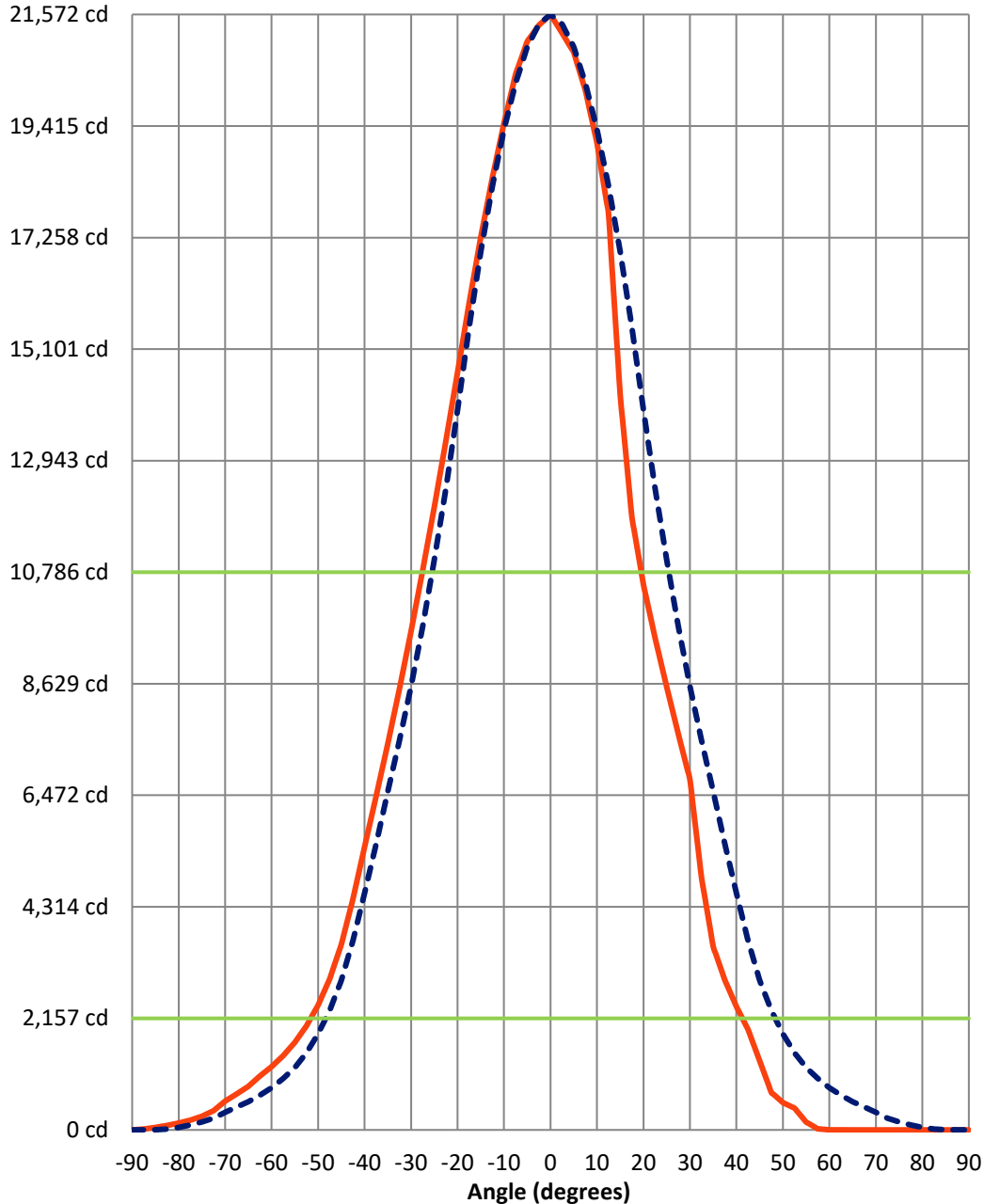
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 9162.8
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 17039.7
 Efficiency: 89.5%

Spill:
 Lumens: 1991.8
 Efficiency: 10.5%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 0-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.6
85°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1	1.3
82.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.3	1.5	1.5	1.5
80°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.5	1.5	1.5	1.5
77.5°	0.0	0.3	0.6	1.0	1.3	1.5	1.5	1.5	1.5	1.5	1.5
75°	0.0	0.4	0.8	1.2	1.5	1.5	1.5	1.5	1.5	1.5	1.5
72.5°	0.0	0.5	0.9	1.3	1.5	1.5	1.5	1.5	1.5	1.5	1.5
70°	0.0	0.5	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6
67.5°	0.0	0.6	1.1	1.5	1.5	1.5	1.6	1.5	1.5	2.0	1.9
65°	0.0	0.6	1.3	1.5	1.5	1.7	1.8	1.5	2.2	2.5	2.9
62.5°	0.0	0.7	1.4	1.5	1.5	2.0	2.1	2.1	2.9	4.1	6.4
60°	0.0	0.7	1.5	1.5	1.5	2.4	2.4	2.9	3.7	10.2	11.0
57.5°	0.0	0.8	1.5	1.5	1.9	2.9	4.1	3.9	10.0	17.2	18.9
55°	0.0	0.9	1.5	1.5	2.4	3.4	6.4	5.8	18.4	25.9	29.3
52.5°	0.0	0.9	1.6	1.5	2.9	4.3	8.9	14.5	27.5	38.5	41.5
50°	0.0	1.0	1.6	1.5	3.4	6.9	11.7	24.0	38.4	52.4	63.3
47.5°	0.0	1.0	1.6	1.6	4.0	9.8	15.7	33.5	52.8	67.7	85.9
45°	0.0	1.1	1.7	2.0	4.5	12.8	24.0	43.2	67.2	87.7	108.2
42.5°	0.0	1.1	1.7	2.5	5.1	16.0	32.3	54.6	81.6	107.4	133.0
40°	0.0	1.1	1.8	3.0	6.7	19.4	40.6	67.0	96.5	126.7	158.8
37.5°	0.0	1.2	1.9	3.7	9.4	22.9	48.8	79.3	112.6	146.5	185.3
35°	0.0	1.2	1.9	4.4	12.1	28.5	56.9	91.4	128.9	170.2	214.0
32.5°	0.0	1.3	2.0	5.2	14.7	34.9	65.5	103.3	145.2	194.5	246.3
30°	0.0	1.3	2.1	6.0	17.5	41.2	75.2	115.4	161.4	219.3	278.9
27.5°	0.0	1.3	2.2	6.9	20.6	47.2	84.5	128.7	179.2	244.6	311.6
25°	0.0	1.4	2.2	7.8	23.7	53.1	93.5	141.6	199.8	271.4	344.3
22.5°	0.0	1.4	2.3	8.8	26.7	58.8	102.1	154.3	220.2	298.6	377.5
20°	0.0	1.4	2.4	9.7	29.6	64.4	110.4	166.4	240.2	325.2	409.1
17.5°	0.0	1.4	2.5	10.7	32.4	69.6	118.0	178.1	259.7	351.0	439.0
15°	0.0	1.4	2.6	11.7	35.1	74.5	125.0	188.5	278.5	375.9	467.3
12.5°	0.0	1.5	2.7	12.6	37.7	79.0	131.4	197.2	294.1	399.6	493.7
10°	0.0	1.5	2.8	13.6	40.1	83.1	137.2	205.0	306.6	413.7	514.5
7.5°	0.0	1.5	2.9	14.5	42.3	86.8	142.4	211.8	317.5	424.4	525.4
5°	0.0	1.5	2.9	15.3	44.3	90.2	147.0	217.7	326.9	432.9	534.2
2.5°	0.0	1.5	3.0	16.2	46.2	93.1	150.9	222.6	334.6	439.3	540.9
0°	0.0	1.5	3.1	16.9	47.8	95.5	154.1	226.5	340.5	443.8	545.5
-2.5°	0.0	1.6	3.6	18.0	50.0	98.5	158.3	233.0	347.2	450.2	552.7
-5°	0.0	1.7	4.0	19.0	51.9	101.1	161.8	238.5	352.0	454.8	557.8
-7.5°	0.0	1.8	4.5	19.9	53.6	103.1	164.5	242.8	355.1	457.6	560.9
-10°	0.0	1.9	4.9	20.6	54.9	104.6	166.5	245.8	356.4	458.8	561.8
-12.5°	0.0	2.0	5.3	21.3	55.9	105.7	167.6	247.6	356.0	458.1	559.2
-15°	0.0	2.0	5.7	21.9	56.6	106.1	168.0	247.9	353.4	454.1	553.8
-17.5°	0.0	2.1	6.0	22.3	56.9	106.1	167.5	247.5	348.9	448.7	546.2
-20°	0.0	2.2	6.4	22.6	56.8	105.5	167.0	246.3	343.2	441.9	536.7

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Scaled Data Report



REPORT NUMBER: P627222 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-735-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.2	6.6	22.7	56.4	104.3	167.1	244.1	336.4	433.9	525.0
-25°	0.0	2.3	6.9	22.7	55.5	104.0	166.4	240.8	328.7	424.6	511.4
-27.5°	0.0	2.3	7.1	22.6	54.2	103.5	164.8	236.6	320.1	414.0	498.7
-30°	0.0	2.3	7.3	22.2	52.6	102.4	162.3	231.3	312.6	401.9	485.2
-32.5°	0.0	2.3	7.4	21.8	52.0	100.7	159.1	227.0	305.1	389.4	470.6
-35°	0.0	2.3	7.5	21.1	50.9	98.2	156.0	222.2	296.7	376.4	455.2
-37.5°	0.0	2.3	7.5	20.4	49.4	95.6	152.4	216.5	287.3	363.1	437.0
-40°	0.0	2.3	7.5	19.4	47.4	93.3	148.0	209.8	276.9	350.6	417.6
-42.5°	0.0	2.3	7.4	18.5	46.0	90.4	142.8	202.2	267.2	334.5	396.9
-45°	0.0	2.2	7.3	17.8	45.1	86.8	136.7	194.2	257.4	317.2	375.5
-47.5°	0.0	2.2	7.1	16.8	43.7	82.7	129.8	186.0	246.3	299.3	355.6
-50°	0.0	2.1	6.9	16.5	41.9	78.0	123.8	176.8	231.8	283.0	335.1
-52.5°	0.0	2.0	6.6	16.3	39.6	72.8	117.3	166.7	217.4	266.0	314.3
-55°	0.0	2.0	6.3	15.9	36.9	68.5	110.0	155.8	202.6	248.3	294.7
-57.5°	0.0	1.9	6.0	15.2	33.7	63.9	102.1	146.2	187.0	230.4	274.4
-60°	0.0	1.8	5.6	14.4	30.2	58.6	93.6	134.5	170.9	211.9	253.5
-62.5°	0.0	1.7	5.2	13.4	28.1	52.7	85.4	121.6	155.1	192.6	231.8
-65°	0.0	1.5	4.9	12.2	25.7	46.3	76.4	108.1	138.2	172.3	209.4
-67.5°	0.0	1.4	4.5	10.9	23.0	40.5	66.7	94.4	120.4	150.8	184.5
-70°	0.0	1.3	4.0	9.4	20.0	35.5	56.2	80.3	103.6	128.3	157.8
-72.5°	0.0	1.1	3.6	8.3	16.8	30.1	47.8	65.8	86.2	107.9	130.9
-75°	0.0	1.0	3.1	7.2	13.3	24.4	39.2	53.6	68.4	87.1	106.8
-77.5°	0.0	0.8	2.6	6.1	11.0	18.4	30.2	42.1	54.3	67.1	82.1
-80°	0.0	0.7	2.1	4.9	8.9	14.0	20.9	30.4	40.4	50.9	61.8
-82.5°	0.0	0.5	1.6	3.7	6.7	10.6	15.4	20.3	26.2	34.3	42.8
-85°	0.0	0.3	1.1	2.5	4.5	7.1	10.3	13.6	17.3	21.4	25.9
-87.5°	0.0	0.2	0.5	1.3	2.3	3.6	5.2	6.8	8.7	10.7	13.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	0.7	0.7	0.8	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.2
85°	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
82.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
80°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
77.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
75°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
72.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
70°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.2
67.5°	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.5	1.5	1.2	0.8
65°	1.5	1.5	2.1	2.2	1.6	1.5	1.5	1.5	1.6	1.4	1.4
62.5°	2.2	2.8	3.4	5.4	4.0	1.5	3.0	3.5	2.3	1.9	2.1
60°	6.7	4.6	11.9	16.4	10.7	5.7	7.0	14.0	11.5	3.1	8.2
57.5°	13.6	16.8	29.9	31.3	24.1	16.3	35.7	39.5	32.8	20.6	29.6
55°	28.4	39.9	50.4	49.8	50.1	62.9	74.0	72.6	64.0	88.3	111.2
52.5°	53.7	65.6	72.6	79.0	97.0	109.0	112.4	119.2	144.3	174.4	179.8
50°	78.8	91.0	100.2	123.6	142.1	151.6	160.4	183.4	221.3	241.9	245.3
47.5°	104.2	117.9	142.1	167.7	185.6	199.8	215.1	267.3	309.7	327.3	333.6
45°	130.6	154.4	184.6	210.9	231.6	250.9	300.5	371.8	401.7	428.6	497.1
42.5°	158.1	193.9	227.9	255.6	278.8	319.3	388.3	457.4	500.0	557.3	640.1
40°	193.2	233.3	272.8	300.9	329.9	391.2	476.6	549.7	594.9	671.8	766.1
37.5°	228.9	275.7	318.4	348.0	388.8	471.7	572.0	659.6	715.7	778.3	929.8
35°	264.1	319.0	362.7	402.4	452.9	567.2	690.8	788.3	857.6	964.7	1156.4
32.5°	301.6	363.1	407.7	461.8	544.7	672.5	824.3	932.6	1047.5	1201.6	1508.7
30°	341.6	404.3	455.7	520.6	631.8	780.9	957.1	1093.2	1249.1	1499.4	1830.5
27.5°	381.5	445.4	508.7	591.3	713.4	874.4	1058.6	1273.1	1474.5	1754.4	2116.4
25°	419.9	487.3	560.6	660.5	792.5	961.1	1162.1	1409.5	1672.5	1992.6	2417.6
22.5°	456.4	529.8	615.7	723.0	859.3	1043.4	1283.1	1573.7	1889.7	2221.3	2709.7
20°	492.3	577.3	675.8	795.9	920.7	1119.3	1401.4	1753.4	2149.3	2603.6	3082.2
17.5°	527.8	624.2	738.0	871.4	1022.7	1225.9	1522.7	1941.7	2423.6	3014.9	3604.2
15°	562.5	670.2	798.1	946.0	1125.5	1368.4	1705.5	2166.0	2748.3	3456.4	4154.4
12.5°	596.1	714.8	855.7	1018.9	1225.2	1502.5	1877.7	2374.6	3041.8	3887.7	4745.2
10°	628.4	757.6	910.5	1089.2	1320.8	1627.3	2030.0	2555.0	3263.2	4135.0	5088.7
7.5°	644.8	786.5	957.2	1156.1	1410.9	1741.8	2162.5	2707.5	3436.2	4333.9	5290.1
5°	656.5	799.8	974.8	1182.8	1460.4	1819.8	2263.9	2832.2	3563.7	4483.5	5426.5
2.5°	665.6	809.3	987.5	1197.9	1480.0	1845.7	2297.5	2875.7	3632.1	4561.6	5506.0
0°	671.8	815.1	995.4	1206.5	1490.0	1858.3	2312.9	2893.8	3661.1	4579.5	5534.9
-2.5°	678.4	823.1	1003.7	1219.9	1504.1	1875.4	2329.9	2906.6	3682.9	4584.5	5550.5
-5°	682.2	827.3	1006.9	1226.4	1508.7	1878.6	2328.7	2894.4	3665.6	4548.5	5516.5
-7.5°	683.2	827.8	1005.1	1225.1	1502.9	1864.0	2304.1	2858.3	3605.8	4475.7	5433.2
-10°	681.6	824.2	998.5	1214.0	1486.0	1833.8	2260.1	2795.7	3507.6	4355.5	5292.5
-12.5°	676.6	816.5	986.7	1195.9	1458.8	1790.8	2198.0	2706.5	3371.2	4188.3	5094.0
-15°	668.6	805.0	969.5	1170.8	1421.2	1735.4	2118.4	2590.6	3195.6	3975.9	4846.9
-17.5°	657.6	789.7	947.0	1138.7	1373.1	1668.2	2022.0	2455.0	3006.2	3738.8	4572.3
-20°	643.5	770.8	919.2	1099.8	1317.8	1597.3	1932.6	2334.9	2828.9	3467.3	4248.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627222 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-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°
-22.5°	626.5	748.2	889.8	1062.6	1268.7	1523.7	1832.6	2198.8	2630.1	3153.5	3894.3
-25°	609.0	726.5	861.2	1021.1	1212.5	1440.3	1718.3	2051.9	2442.4	2921.5	3534.0
-27.5°	591.7	701.6	828.1	973.3	1149.7	1354.4	1610.7	1914.9	2262.9	2670.3	3169.1
-30°	572.2	673.8	791.7	923.2	1089.4	1279.4	1501.0	1761.6	2071.1	2439.3	2872.8
-32.5°	550.9	644.0	756.4	879.8	1024.9	1197.8	1389.5	1625.2	1894.5	2198.2	2572.9
-35°	529.7	618.5	720.3	833.1	955.6	1117.5	1293.6	1489.2	1718.3	1987.2	2286.9
-37.5°	509.3	590.7	681.5	786.7	901.6	1036.1	1191.6	1368.2	1565.4	1779.4	2038.2
-40°	486.6	560.7	646.6	741.9	843.5	960.1	1100.3	1250.2	1419.9	1608.2	1808.2
-42.5°	462.0	533.1	611.4	693.6	786.9	891.0	1007.3	1144.4	1285.4	1443.2	1617.7
-45°	437.7	503.1	574.8	649.8	728.2	820.3	925.9	1039.9	1165.0	1293.7	1440.3
-47.5°	412.3	472.0	538.7	604.0	673.5	752.0	841.7	945.2	1049.4	1164.1	1277.7
-50°	386.8	442.8	498.9	559.8	622.1	687.4	763.2	852.5	947.4	1042.5	1142.5
-52.5°	363.9	412.4	463.1	515.4	572.1	630.2	693.4	767.0	849.9	933.7	1020.0
-55°	340.6	385.3	427.2	474.0	523.0	575.4	631.7	693.6	756.2	832.6	906.8
-57.5°	317.8	357.4	393.9	433.8	477.4	521.9	572.6	625.2	682.1	739.8	800.5
-60°	294.9	328.6	361.6	396.2	432.8	472.4	513.2	559.4	608.2	658.2	710.9
-62.5°	271.3	298.6	327.7	359.4	391.6	422.0	456.3	494.0	534.3	577.3	621.9
-65°	244.9	267.5	291.8	319.4	349.6	374.2	400.4	428.7	462.0	497.5	532.5
-67.5°	216.6	236.7	256.5	277.0	301.5	323.5	345.0	367.6	392.4	421.4	449.5
-70°	185.2	205.2	222.6	239.6	255.2	270.9	289.2	307.0	327.0	353.0	378.6
-72.5°	153.2	172.0	188.5	202.9	213.9	223.2	234.5	247.4	266.6	290.7	313.3
-75°	123.9	139.0	154.5	168.3	175.4	178.2	180.6	187.4	206.8	231.6	253.4
-77.5°	96.5	109.7	122.3	134.3	139.3	141.3	142.2	142.2	156.5	177.6	199.7
-80°	71.0	80.2	90.9	101.2	104.3	105.2	105.3	104.7	116.4	131.6	147.8
-82.5°	49.4	56.0	62.8	69.8	70.7	70.2	69.2	68.2	77.7	88.6	99.9
-85°	28.8	31.6	35.7	40.0	40.5	40.3	39.6	38.3	43.6	49.5	55.8
-87.5°	14.4	15.8	17.2	18.6	18.1	17.4	16.4	15.3	16.8	18.3	19.9
-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: P627222 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-735-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.2	1.0	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.5	1.1	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.5	1.2	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.5	1.2	0.8	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	1.5	1.2	0.8	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	1.5	1.3	0.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1.5	1.3	0.9	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.9	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.7	0.8	0.8	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.5	1.5	1.1	0.7	0.3	0.3	0.4	0.3	0.1	0.0	0.0
62.5°	2.0	1.9	1.3	1.3	1.4	1.5	1.2	1.1	1.0	1.1	1.2
60°	8.7	4.9	5.0	6.4	5.5	2.5	5.0	6.4	6.0	4.5	3.9
57.5°	44.2	37.0	25.8	43.3	44.6	31.1	33.8	44.1	42.7	33.0	32.9
55°	111.4	113.0	121.3	132.3	140.5	144.3	147.6	164.1	181.8	199.1	207.8
52.5°	184.1	205.6	232.4	250.2	262.5	287.9	323.3	339.7	355.5	373.6	386.6
50°	271.1	308.5	335.4	339.3	381.5	408.9	415.3	445.9	479.3	500.0	514.9
47.5°	403.3	450.6	474.1	489.0	540.4	596.7	596.8	614.4	697.8	741.5	762.5
45°	580.9	620.4	661.8	769.5	868.4	899.8	967.0	1058.1	1117.3	1198.7	1288.3
42.5°	732.2	806.2	910.0	1028.6	1127.8	1210.4	1310.2	1419.7	1551.1	1674.8	1781.5
40°	881.8	973.5	1102.1	1231.0	1356.0	1470.4	1631.4	1772.1	1927.2	2097.3	2239.0
37.5°	1077.1	1194.5	1327.4	1489.9	1684.4	1811.5	2032.8	2235.1	2409.8	2615.2	2741.7
35°	1377.0	1530.1	1647.7	1976.4	2212.9	2361.5	2623.6	2956.0	3083.6	3342.2	3465.0
32.5°	1754.1	1957.5	2267.1	2702.3	3018.2	3291.7	3683.6	4020.8	4308.3	4568.0	4838.2
30°	2177.9	2491.7	2948.0	3526.3	3847.2	4230.3	4760.1	5160.0	5610.9	6105.7	6279.1
27.5°	2562.4	3032.5	3562.2	4030.6	4491.5	4968.7	5489.3	6003.0	6491.0	6902.9	7179.2
25°	2918.8	3488.0	4002.9	4503.5	5002.8	5540.2	6129.1	6711.7	7248.7	7672.5	7994.6
22.5°	3286.4	3887.8	4438.5	4946.5	5527.3	6136.3	6762.6	7430.9	8042.0	8481.6	8832.5
20°	3632.0	4300.9	4929.1	5507.4	6056.5	6759.6	7480.7	8189.6	8855.0	9378.7	9783.3
17.5°	4180.6	4761.2	5529.0	6280.3	6899.0	7544.7	8508.3	9240.0	9978.5	10605.6	11034.6
15°	4854.3	5492.8	6285.6	7317.5	8165.0	8905.0	9900.4	11090.7	11961.7	12762.3	13311.5
12.5°	5528.6	6250.7	7108.3	8269.5	9476.2	10347.8	11555.4	13063.7	14078.3	15317.8	15928.8
10°	6045.4	6952.2	7835.4	8895.0	10053.9	11295.1	12596.9	14008.0	15363.6	16428.0	17379.3
7.5°	6253.4	7219.4	8241.8	9322.9	10481.7	11762.7	13150.2	14618.5	16013.7	17202.5	18248.0
5°	6408.9	7398.8	8427.9	9533.3	10772.0	12109.8	13517.9	15059.5	16484.3	17758.4	18828.1
2.5°	6507.7	7506.9	8531.6	9655.5	10958.3	12335.7	13789.2	15371.5	16817.7	18129.4	19195.7
0°	6545.7	7530.3	8579.7	9736.9	11026.6	12407.2	13923.4	15524.4	16982.1	18250.2	19347.4
-2.5°	6550.8	7508.5	8582.8	9734.3	10968.4	12362.0	13896.5	15484.2	16912.2	18175.2	19282.1
-5°	6499.4	7456.7	8532.0	9666.0	10901.8	12284.9	13753.6	15287.8	16649.7	17879.0	18944.7
-7.5°	6395.2	7349.8	8401.3	9509.4	10711.8	12053.4	13464.0	14890.4	16226.5	17405.4	18422.5
-10°	6240.5	7175.1	8190.1	9269.8	10407.6	11683.6	13028.7	14391.5	15644.4	16734.7	17675.2
-12.5°	6031.0	6944.0	7913.4	8944.2	10003.2	11219.8	12489.8	13769.6	14911.6	15907.0	16750.8
-15°	5759.0	6650.7	7589.3	8564.1	9591.2	10691.3	11831.1	13004.9	14058.2	14940.9	15711.8
-17.5°	5438.6	6303.4	7194.8	8098.4	9072.9	10105.1	11163.2	12216.8	13115.2	13899.3	14604.3
-20°	5081.4	5914.6	6761.3	7603.7	8487.8	9442.5	10419.7	11345.2	12130.2	12842.8	13487.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627222 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-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°	4680.8	5478.4	6289.9	7078.3	7875.6	8740.0	9612.6	10449.6	11183.9	11793.5	12354.0
-25°	4252.0	4989.0	5755.3	6494.5	7228.3	8002.9	8795.5	9565.7	10211.9	10741.1	11204.3
-27.5°	3819.9	4493.3	5168.6	5864.4	6542.7	7257.5	7975.1	8640.3	9220.5	9707.8	10097.0
-30°	3365.8	3967.8	4584.4	5214.0	5861.7	6515.8	7164.3	7746.7	8253.2	8681.7	9018.1
-32.5°	2988.4	3445.7	3990.1	4561.7	5168.8	5764.8	6328.8	6859.7	7337.0	7711.2	7996.4
-35°	2626.7	3014.0	3421.7	3927.6	4449.2	4997.6	5516.5	5990.3	6415.7	6742.7	7011.0
-37.5°	2315.7	2622.0	2966.8	3328.0	3765.3	4218.7	4687.0	5132.5	5511.9	5797.1	6036.8
-40°	2046.5	2288.3	2563.9	2850.2	3171.9	3497.7	3905.4	4281.5	4591.1	4857.7	5074.9
-42.5°	1803.2	2007.3	2210.7	2445.6	2688.3	2950.2	3236.3	3514.5	3752.1	3975.2	4159.7
-45°	1593.1	1756.1	1918.3	2099.7	2278.0	2490.9	2695.3	2877.7	3070.2	3237.3	3368.8
-47.5°	1409.5	1536.5	1675.5	1811.3	1954.4	2114.8	2266.9	2405.7	2546.8	2669.0	2767.0
-50°	1246.2	1351.6	1465.0	1571.7	1687.5	1804.8	1917.3	2027.7	2134.8	2227.8	2300.1
-52.5°	1103.3	1195.4	1283.8	1368.8	1460.8	1547.6	1629.1	1720.2	1804.0	1877.2	1926.7
-55°	981.6	1056.8	1129.3	1200.2	1269.8	1335.6	1400.5	1471.3	1536.0	1594.1	1631.0
-57.5°	867.4	931.4	992.7	1050.7	1105.9	1158.2	1212.9	1267.3	1317.1	1361.0	1389.5
-60°	763.4	815.7	868.8	916.1	960.6	1002.4	1048.5	1092.0	1132.2	1166.0	1185.8
-62.5°	668.2	715.1	754.3	791.7	829.6	867.2	899.9	932.1	963.1	989.3	1006.5
-65°	568.7	608.4	641.7	671.8	698.9	728.1	756.0	781.2	803.6	820.7	831.5
-67.5°	479.6	508.8	535.6	559.4	583.6	607.0	628.5	647.6	664.4	676.3	684.1
-70°	402.2	424.6	446.4	468.1	489.7	507.9	523.5	537.8	550.7	556.1	558.5
-72.5°	334.3	354.1	373.3	392.4	410.4	424.6	436.1	446.5	456.0	447.9	433.6
-75°	272.6	290.0	308.0	324.9	340.7	351.6	360.1	367.9	375.0	357.4	333.2
-77.5°	222.1	237.4	250.7	263.9	277.0	283.9	289.3	294.6	299.6	280.0	255.1
-80°	164.8	177.2	188.4	199.5	210.4	214.5	216.9	218.6	219.5	202.6	183.2
-82.5°	111.3	117.8	124.0	130.4	137.1	140.5	143.1	145.1	146.6	134.6	121.2
-85°	62.4	64.3	65.8	67.1	68.2	70.4	72.5	74.4	76.1	70.4	64.1
-87.5°	21.4	21.4	21.4	21.2	20.9	21.0	21.0	21.0	20.9	19.9	19.0
-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: P627222 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-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	0.3
62.5°	1.3	1.4	1.5	1.5	1.5	1.4	1.3	1.2	1.1	1.0	1.1
60°	3.0	1.8	1.5	1.5	1.5	1.8	3.0	3.9	4.5	6.0	6.4
57.5°	30.7	26.7	24.0	21.6	24.0	26.7	30.7	32.9	33.0	42.7	44.1
55°	204.1	190.0	172.8	152.5	172.8	190.0	204.1	207.8	199.1	181.8	164.1
52.5°	400.3	413.7	421.4	420.7	421.4	413.7	400.3	386.6	373.6	355.5	339.7
50°	526.9	534.2	534.6	528.5	534.6	534.2	526.9	514.9	500.0	479.3	445.9
47.5°	772.0	761.9	744.5	725.8	744.5	761.9	772.0	762.5	741.5	697.8	614.4
45°	1347.2	1379.6	1377.5	1335.9	1377.5	1379.6	1347.2	1288.3	1198.7	1117.3	1058.1
42.5°	1841.0	1889.7	1924.1	1941.5	1924.1	1889.7	1841.0	1781.5	1674.8	1551.1	1419.7
40°	2318.8	2365.8	2386.4	2385.3	2386.4	2365.8	2318.8	2239.0	2097.3	1927.2	1772.1
37.5°	2823.8	2884.5	2914.0	2899.9	2914.0	2884.5	2823.8	2741.7	2615.2	2409.8	2235.1
35°	3518.1	3575.0	3576.0	3547.1	3576.0	3575.0	3518.1	3465.0	3342.2	3083.6	2956.0
32.5°	5052.7	5071.8	4925.6	4873.8	4925.6	5071.8	5052.7	4838.2	4568.0	4308.3	4020.8
30°	6451.6	6586.5	6712.0	6775.3	6712.0	6586.5	6451.6	6279.1	6105.7	5610.9	5160.0
27.5°	7387.5	7549.7	7650.3	7656.7	7650.3	7549.7	7387.5	7179.2	6902.9	6491.0	6003.0
25°	8238.7	8420.2	8529.8	8567.3	8529.8	8420.2	8238.7	7994.6	7672.5	7248.7	6711.7
22.5°	9130.5	9344.3	9486.0	9515.0	9486.0	9344.3	9130.5	8832.5	8481.6	8042.0	7430.9
20°	10165.1	10414.0	10549.8	10544.3	10549.8	10414.0	10165.1	9783.3	9378.7	8855.0	8189.6
17.5°	11527.2	11794.1	11911.5	11860.2	11911.5	11794.1	11527.2	11034.6	10605.6	9978.5	9240.0
15°	13875.2	14433.6	14431.4	14208.5	14431.4	14433.6	13875.2	13311.5	12762.3	11961.7	11090.7
12.5°	16771.5	17187.6	17614.5	17706.3	17614.5	17187.6	16771.5	15928.8	15317.8	14078.3	13063.7
10°	18180.7	18733.4	19098.1	19088.5	19098.1	18733.4	18180.7	17379.3	16428.0	15363.6	14008.0
7.5°	19062.4	19673.0	20115.0	20105.5	20115.0	19673.0	19062.4	18248.0	17202.5	16013.7	14618.5
5°	19742.8	20420.0	20811.5	20840.5	20811.5	20420.0	19742.8	18828.1	17758.4	16484.3	15059.5
2.5°	20096.3	20803.1	21273.8	21211.8	21273.8	20803.1	20096.3	19195.7	18129.4	16817.7	15371.5
0°	20244.2	20943.7	21382.9	21572.4	21382.9	20943.7	20244.2	19347.4	18250.2	16982.1	15524.4
-2.5°	20179.6	20860.3	21345.6	21364.4	21345.6	20860.3	20179.6	19282.1	18175.2	16912.2	15484.2
-5°	19833.8	20552.2	20877.3	21050.0	20877.3	20552.2	19833.8	18944.7	17879.0	16649.7	15287.8
-7.5°	19276.3	19814.6	20227.6	20418.3	20227.6	19814.6	19276.3	18422.5	17405.4	16226.5	14890.4
-10°	18408.4	18965.8	19314.8	19472.2	19314.8	18965.8	18408.4	17675.2	16734.7	15644.4	14391.5
-12.5°	17447.1	17953.6	18285.3	18418.2	18285.3	17953.6	17447.1	16750.8	15907.0	14911.6	13769.6
-15°	16374.5	16834.3	17139.8	17267.2	17139.8	16834.3	16374.5	15711.8	14940.9	14058.2	13004.9
-17.5°	15193.8	15596.7	15901.1	15992.9	15901.1	15596.7	15193.8	14604.3	13899.3	13115.2	12216.8
-20°	13979.7	14343.9	14594.6	14649.2	14594.6	14343.9	13979.7	13487.8	12842.8	12130.2	11345.2



REPORT NUMBER: P627222 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-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°	12756.4	13056.5	13260.1	13328.7	13260.1	13056.5	12756.4	12354.0	11793.5	11183.9	10449.6
-25°	11560.9	11819.9	11983.7	12045.1	11983.7	11819.9	11560.9	11204.3	10741.1	10211.9	9565.7
-27.5°	10411.1	10652.5	10803.1	10823.2	10803.1	10652.5	10411.1	10097.0	9707.8	9220.5	8640.3
-30°	9279.7	9479.2	9595.2	9644.4	9595.2	9479.2	9279.7	9018.1	8681.7	8253.2	7746.7
-32.5°	8222.4	8396.7	8500.9	8528.8	8500.9	8396.7	8222.4	7996.4	7711.2	7337.0	6859.7
-35°	7224.4	7385.2	7477.7	7470.2	7477.7	7385.2	7224.4	7011.0	6742.7	6415.7	5990.3
-37.5°	6234.9	6383.4	6467.2	6459.4	6467.2	6383.4	6234.9	6036.8	5797.1	5511.9	5132.5
-40°	5253.4	5381.5	5455.3	5473.2	5455.3	5381.5	5253.4	5074.9	4857.7	4591.1	4281.5
-42.5°	4313.0	4431.3	4490.3	4467.0	4490.3	4431.3	4313.0	4159.7	3975.2	3752.1	3514.5
-45°	3460.8	3521.9	3562.2	3587.2	3562.2	3521.9	3460.8	3368.8	3237.3	3070.2	2877.7
-47.5°	2838.7	2889.4	2916.7	2921.5	2916.7	2889.4	2838.7	2767.0	2669.0	2546.8	2405.7
-50°	2356.3	2399.5	2418.5	2413.0	2418.5	2399.5	2356.3	2300.1	2227.8	2134.8	2027.7
-52.5°	1962.3	1987.3	2004.2	2012.4	2004.2	1987.3	1962.3	1926.7	1877.2	1804.0	1720.2
-55°	1658.7	1678.2	1689.6	1693.4	1689.6	1678.2	1658.7	1631.0	1594.1	1536.0	1471.3
-57.5°	1413.3	1431.8	1438.6	1436.1	1438.6	1431.8	1413.3	1389.5	1361.0	1317.1	1267.3
-60°	1200.9	1211.5	1219.4	1223.5	1219.4	1211.5	1200.9	1185.8	1166.0	1132.2	1092.0
-62.5°	1020.2	1030.1	1038.4	1043.2	1038.4	1030.1	1020.2	1006.5	989.3	963.1	932.1
-65°	839.1	843.5	844.8	842.9	844.8	843.5	839.1	831.5	820.7	803.6	781.2
-67.5°	689.9	693.6	696.1	696.5	696.1	693.6	689.9	684.1	676.3	664.4	647.6
-70°	560.8	562.4	560.6	556.3	560.6	562.4	560.8	558.5	556.1	550.7	537.8
-72.5°	419.0	403.7	388.4	371.4	388.4	403.7	419.0	433.6	447.9	456.0	446.5
-75°	308.0	282.0	272.6	263.5	272.6	282.0	308.0	333.2	357.4	375.0	367.9
-77.5°	229.1	202.1	194.8	188.0	194.8	202.1	229.1	255.1	280.0	299.6	294.6
-80°	162.8	141.7	137.0	132.5	137.0	141.7	162.8	183.2	202.6	219.5	218.6
-82.5°	107.0	92.3	89.3	86.3	89.3	92.3	107.0	121.2	134.6	146.6	145.1
-85°	57.5	50.6	49.2	47.8	49.2	50.6	57.5	64.1	70.4	76.1	74.4
-87.5°	17.9	16.8	16.9	16.9	16.9	16.8	17.9	19.0	19.9	20.9	21.0
-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: P627222 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-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	0.3	0.7	1.0	1.2	1.2	1.1	1.1	1.1
85°	0.0	0.0	0.0	0.4	0.8	1.1	1.5	1.5	1.5	1.5	1.5
82.5°	0.0	0.0	0.0	0.4	0.8	1.2	1.5	1.5	1.5	1.5	1.5
80°	0.0	0.0	0.1	0.4	0.8	1.2	1.5	1.5	1.5	1.5	1.5
77.5°	0.0	0.0	0.1	0.5	0.8	1.2	1.5	1.5	1.5	1.5	1.5
75°	0.0	0.0	0.1	0.5	0.9	1.3	1.5	1.5	1.5	1.5	1.5
72.5°	0.0	0.0	0.1	0.4	0.9	1.3	1.5	1.5	1.5	1.5	1.5
70°	0.0	0.0	0.0	0.0	0.1	0.4	0.9	1.2	1.5	1.5	1.5
67.5°	0.0	0.0	0.3	0.6	0.8	0.8	0.7	0.8	1.2	1.5	1.5
65°	0.4	0.3	0.3	0.7	1.1	1.5	1.5	1.4	1.4	1.6	1.5
62.5°	1.2	1.5	1.4	1.3	1.3	1.9	2.0	2.1	1.9	2.3	3.5
60°	5.0	2.5	5.5	6.4	5.0	4.9	8.7	8.2	3.1	11.5	14.0
57.5°	33.8	31.1	44.6	43.3	25.8	37.0	44.2	29.6	20.6	32.8	39.5
55°	147.6	144.3	140.5	132.3	121.3	113.0	111.4	111.2	88.3	64.0	72.6
52.5°	323.3	287.9	262.5	250.2	232.4	205.6	184.1	179.8	174.4	144.3	119.2
50°	415.3	408.9	381.5	339.3	335.4	308.5	271.1	245.3	241.9	221.3	183.4
47.5°	596.8	596.7	540.4	489.0	474.1	450.6	403.3	333.6	327.3	309.7	267.3
45°	967.0	899.8	868.4	769.5	661.8	620.4	580.9	497.1	428.6	401.7	371.8
42.5°	1310.2	1210.4	1127.8	1028.6	910.0	806.2	732.2	640.1	557.3	500.0	457.4
40°	1631.4	1470.4	1356.0	1231.0	1102.1	973.5	881.8	766.1	671.8	594.9	549.7
37.5°	2032.8	1811.5	1684.4	1489.9	1327.4	1194.5	1077.1	929.8	778.3	715.7	659.6
35°	2623.6	2361.5	2212.9	1976.4	1647.7	1530.1	1377.0	1156.4	964.7	857.6	788.3
32.5°	3683.6	3291.7	3018.2	2702.3	2267.1	1957.5	1754.1	1508.7	1201.6	1047.5	932.6
30°	4760.1	4230.3	3847.2	3526.3	2948.0	2491.7	2177.9	1830.5	1499.4	1249.1	1093.2
27.5°	5489.3	4968.7	4491.5	4030.6	3562.2	3032.5	2562.4	2116.4	1754.4	1474.5	1273.1
25°	6129.1	5540.2	5002.8	4503.5	4002.9	3488.0	2918.8	2417.6	1992.6	1672.5	1409.5
22.5°	6762.6	6136.3	5527.3	4946.5	4438.5	3887.8	3286.4	2709.7	2221.3	1889.7	1573.7
20°	7480.7	6759.6	6056.5	5507.4	4929.1	4300.9	3632.0	3082.2	2603.6	2149.3	1753.4
17.5°	8508.3	7544.7	6899.0	6280.3	5529.0	4761.2	4180.6	3604.2	3014.9	2423.6	1941.7
15°	9900.4	8905.0	8165.0	7317.5	6285.6	5492.8	4854.3	4154.4	3456.4	2748.3	2166.0
12.5°	11555.4	10347.8	9476.2	8269.5	7108.3	6250.7	5528.6	4745.2	3887.7	3041.8	2374.6
10°	12596.9	11295.1	10053.9	8895.0	7835.4	6952.2	6045.4	5088.7	4135.0	3263.2	2555.0
7.5°	13150.2	11762.7	10481.7	9322.9	8241.8	7219.4	6253.4	5290.1	4333.9	3436.2	2707.5
5°	13517.9	12109.8	10772.0	9533.3	8427.9	7398.8	6408.9	5426.5	4483.5	3563.7	2832.2
2.5°	13789.2	12335.7	10958.3	9655.5	8531.6	7506.9	6507.7	5506.0	4561.6	3632.1	2875.7
0°	13923.4	12407.2	11026.6	9736.9	8579.7	7530.3	6545.7	5534.9	4579.5	3661.1	2893.8
-2.5°	13896.5	12362.0	10968.4	9734.3	8582.8	7508.5	6550.8	5550.5	4584.5	3682.9	2906.6
-5°	13753.6	12284.9	10901.8	9666.0	8532.0	7456.7	6499.4	5516.5	4548.5	3665.6	2894.4
-7.5°	13464.0	12053.4	10711.8	9509.4	8401.3	7349.8	6395.2	5433.2	4475.7	3605.8	2858.3
-10°	13028.7	11683.6	10407.6	9269.8	8190.1	7175.1	6240.5	5292.5	4355.5	3507.6	2795.7
-12.5°	12489.8	11219.8	10003.2	8944.2	7913.4	6944.0	6031.0	5094.0	4188.3	3371.2	2706.5
-15°	11831.1	10691.3	9591.2	8564.1	7589.3	6650.7	5759.0	4846.9	3975.9	3195.6	2590.6
-17.5°	11163.2	10105.1	9072.9	8098.4	7194.8	6303.4	5438.6	4572.3	3738.8	3006.2	2455.0
-20°	10419.7	9442.5	8487.8	7603.7	6761.3	5914.6	5081.4	4248.1	3467.3	2828.9	2334.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627222 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-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°	9612.6	8740.0	7875.6	7078.3	6289.9	5478.4	4680.8	3894.3	3153.5	2630.1	2198.8
-25°	8795.5	8002.9	7228.3	6494.5	5755.3	4989.0	4252.0	3534.0	2921.5	2442.4	2051.9
-27.5°	7975.1	7257.5	6542.7	5864.4	5168.6	4493.3	3819.9	3169.1	2670.3	2262.9	1914.9
-30°	7164.3	6515.8	5861.7	5214.0	4584.4	3967.8	3365.8	2872.8	2439.3	2071.1	1761.6
-32.5°	6328.8	5764.8	5168.8	4561.7	3990.1	3445.7	2988.4	2572.9	2198.2	1894.5	1625.2
-35°	5516.5	4997.6	4449.2	3927.6	3421.7	3014.0	2626.7	2286.9	1987.2	1718.3	1489.2
-37.5°	4687.0	4218.7	3765.3	3328.0	2966.8	2622.0	2315.7	2038.2	1779.4	1565.4	1368.2
-40°	3905.4	3497.7	3171.9	2850.2	2563.9	2288.3	2046.5	1808.2	1608.2	1419.9	1250.2
-42.5°	3236.3	2950.2	2688.3	2445.6	2210.7	2007.3	1803.2	1617.7	1443.2	1285.4	1144.4
-45°	2695.3	2490.9	2278.0	2099.7	1918.3	1756.1	1593.1	1440.3	1293.7	1165.0	1039.9
-47.5°	2266.9	2114.8	1954.4	1811.3	1675.5	1536.5	1409.5	1277.7	1164.1	1049.4	945.2
-50°	1917.3	1804.8	1687.5	1571.7	1465.0	1351.6	1246.2	1142.5	1042.5	947.4	852.5
-52.5°	1629.1	1547.6	1460.8	1368.8	1283.8	1195.4	1103.3	1020.0	933.7	849.9	767.0
-55°	1400.5	1335.6	1269.8	1200.2	1129.3	1056.8	981.6	906.8	832.6	756.2	693.6
-57.5°	1212.9	1158.2	1105.9	1050.7	992.7	931.4	867.4	800.5	739.8	682.1	625.2
-60°	1048.5	1002.4	960.6	916.1	868.8	815.7	763.4	710.9	658.2	608.2	559.4
-62.5°	899.9	867.2	829.6	791.7	754.3	715.1	668.2	621.9	577.3	534.3	494.0
-65°	756.0	728.1	698.9	671.8	641.7	608.4	568.7	532.5	497.5	462.0	428.7
-67.5°	628.5	607.0	583.6	559.4	535.6	508.8	479.6	449.5	421.4	392.4	367.6
-70°	523.5	507.9	489.7	468.1	446.4	424.6	402.2	378.6	353.0	327.0	307.0
-72.5°	436.1	424.6	410.4	392.4	373.3	354.1	334.3	313.3	290.7	266.6	247.4
-75°	360.1	351.6	340.7	324.9	308.0	290.0	272.6	253.4	231.6	206.8	187.4
-77.5°	289.3	283.9	277.0	263.9	250.7	237.4	222.1	199.7	177.6	156.5	142.2
-80°	216.9	214.5	210.4	199.5	188.4	177.2	164.8	147.8	131.6	116.4	104.7
-82.5°	143.1	140.5	137.1	130.4	124.0	117.8	111.3	99.9	88.6	77.7	68.2
-85°	72.5	70.4	68.2	67.1	65.8	64.3	62.4	55.8	49.5	43.6	38.3
-87.5°	21.0	21.0	20.9	21.2	21.4	21.4	21.4	19.9	18.3	16.8	15.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627222 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-735-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.0	1.0	0.9	0.9	0.8	0.7	0.7	0.6	0.6	0.5	0.5
85°	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.3	1.1	1.0	0.9
82.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.3
80°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
77.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
75°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
72.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
70°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.5	1.5	1.5
67.5°	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.9	2.0	1.5	1.5
65°	1.5	1.5	1.6	2.2	2.1	1.5	1.5	2.9	2.5	2.2	1.5
62.5°	3.0	1.5	4.0	5.4	3.4	2.8	2.2	6.4	4.1	2.9	2.1
60°	7.0	5.7	10.7	16.4	11.9	4.6	6.7	11.0	10.2	3.7	2.9
57.5°	35.7	16.3	24.1	31.3	29.9	16.8	13.6	18.9	17.2	10.0	3.9
55°	74.0	62.9	50.1	49.8	50.4	39.9	28.4	29.3	25.9	18.4	5.8
52.5°	112.4	109.0	97.0	79.0	72.6	65.6	53.7	41.5	38.5	27.5	14.5
50°	160.4	151.6	142.1	123.6	100.2	91.0	78.8	63.3	52.4	38.4	24.0
47.5°	215.1	199.8	185.6	167.7	142.1	117.9	104.2	85.9	67.7	52.8	33.5
45°	300.5	250.9	231.6	210.9	184.6	154.4	130.6	108.2	87.7	67.2	43.2
42.5°	388.3	319.3	278.8	255.6	227.9	193.9	158.1	133.0	107.4	81.6	54.6
40°	476.6	391.2	329.9	300.9	272.8	233.3	193.2	158.8	126.7	96.5	67.0
37.5°	572.0	471.7	388.8	348.0	318.4	275.7	228.9	185.3	146.5	112.6	79.3
35°	690.8	567.2	452.9	402.4	362.7	319.0	264.1	214.0	170.2	128.9	91.4
32.5°	824.3	672.5	544.7	461.8	407.7	363.1	301.6	246.3	194.5	145.2	103.3
30°	957.1	780.9	631.8	520.6	455.7	404.3	341.6	278.9	219.3	161.4	115.4
27.5°	1058.6	874.4	713.4	591.3	508.7	445.4	381.5	311.6	244.6	179.2	128.7
25°	1162.1	961.1	792.5	660.5	560.6	487.3	419.9	344.3	271.4	199.8	141.6
22.5°	1283.1	1043.4	859.3	723.0	615.7	529.8	456.4	377.5	298.6	220.2	154.3
20°	1401.4	1119.3	920.7	795.9	675.8	577.3	492.3	409.1	325.2	240.2	166.4
17.5°	1522.7	1225.9	1022.7	871.4	738.0	624.2	527.8	439.0	351.0	259.7	178.1
15°	1705.5	1368.4	1125.5	946.0	798.1	670.2	562.5	467.3	375.9	278.5	188.5
12.5°	1877.7	1502.5	1225.2	1018.9	855.7	714.8	596.1	493.7	399.6	294.1	197.2
10°	2030.0	1627.3	1320.8	1089.2	910.5	757.6	628.4	514.5	413.7	306.6	205.0
7.5°	2162.5	1741.8	1410.9	1156.1	957.2	786.5	644.8	525.4	424.4	317.5	211.8
5°	2263.9	1819.8	1460.4	1182.8	974.8	799.8	656.5	534.2	432.9	326.9	217.7
2.5°	2297.5	1845.7	1480.0	1197.9	987.5	809.3	665.6	540.9	439.3	334.6	222.6
0°	2312.9	1858.3	1490.0	1206.5	995.4	815.1	671.8	545.5	443.8	340.5	226.5
-2.5°	2329.9	1875.4	1504.1	1219.9	1003.7	823.1	678.4	552.7	450.2	347.2	233.0
-5°	2328.7	1878.6	1508.7	1226.4	1006.9	827.3	682.2	557.8	454.8	352.0	238.5
-7.5°	2304.1	1864.0	1502.9	1225.1	1005.1	827.8	683.2	560.9	457.6	355.1	242.8
-10°	2260.1	1833.8	1486.0	1214.0	998.5	824.2	681.6	561.8	458.8	356.4	245.8
-12.5°	2198.0	1790.8	1458.8	1195.9	986.7	816.5	676.6	559.2	458.1	356.0	247.6
-15°	2118.4	1735.4	1421.2	1170.8	969.5	805.0	668.6	553.8	454.1	353.4	247.9
-17.5°	2022.0	1668.2	1373.1	1138.7	947.0	789.7	657.6	546.2	448.7	348.9	247.5
-20°	1932.6	1597.3	1317.8	1099.8	919.2	770.8	643.5	536.7	441.9	343.2	246.3



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CATALOG NUMBER: GFLD-SA3D-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°	1832.6	1523.7	1268.7	1062.6	889.8	748.2	626.5	525.0	433.9	336.4	244.1
-25°	1718.3	1440.3	1212.5	1021.1	861.2	726.5	609.0	511.4	424.6	328.7	240.8
-27.5°	1610.7	1354.4	1149.7	973.3	828.1	701.6	591.7	498.7	414.0	320.1	236.6
-30°	1501.0	1279.4	1089.4	923.2	791.7	673.8	572.2	485.2	401.9	312.6	231.3
-32.5°	1389.5	1197.8	1024.9	879.8	756.4	644.0	550.9	470.6	389.4	305.1	227.0
-35°	1293.6	1117.5	955.6	833.1	720.3	618.5	529.7	455.2	376.4	296.7	222.2
-37.5°	1191.6	1036.1	901.6	786.7	681.5	590.7	509.3	437.0	363.1	287.3	216.5
-40°	1100.3	960.1	843.5	741.9	646.6	560.7	486.6	417.6	350.6	276.9	209.8
-42.5°	1007.3	891.0	786.9	693.6	611.4	533.1	462.0	396.9	334.5	267.2	202.2
-45°	925.9	820.3	728.2	649.8	574.8	503.1	437.7	375.5	317.2	257.4	194.2
-47.5°	841.7	752.0	673.5	604.0	538.7	472.0	412.3	355.6	299.3	246.3	186.0
-50°	763.2	687.4	622.1	559.8	498.9	442.8	386.8	335.1	283.0	231.8	176.8
-52.5°	693.4	630.2	572.1	515.4	463.1	412.4	363.9	314.3	266.0	217.4	166.7
-55°	631.7	575.4	523.0	474.0	427.2	385.3	340.6	294.7	248.3	202.6	155.8
-57.5°	572.6	521.9	477.4	433.8	393.9	357.4	317.8	274.4	230.4	187.0	146.2
-60°	513.2	472.4	432.8	396.2	361.6	328.6	294.9	253.5	211.9	170.9	134.5
-62.5°	456.3	422.0	391.6	359.4	327.7	298.6	271.3	231.8	192.6	155.1	121.6
-65°	400.4	374.2	349.6	319.4	291.8	267.5	244.9	209.4	172.3	138.2	108.1
-67.5°	345.0	323.5	301.5	277.0	256.5	236.7	216.6	184.5	150.8	120.4	94.4
-70°	289.2	270.9	255.2	239.6	222.6	205.2	185.2	157.8	128.3	103.6	80.3
-72.5°	234.5	223.2	213.9	202.9	188.5	172.0	153.2	130.9	107.9	86.2	65.8
-75°	180.6	178.2	175.4	168.3	154.5	139.0	123.9	106.8	87.1	68.4	53.6
-77.5°	142.2	141.3	139.3	134.3	122.3	109.7	96.5	82.1	67.1	54.3	42.1
-80°	105.3	105.2	104.3	101.2	90.9	80.2	71.0	61.8	50.9	40.4	30.4
-82.5°	69.2	70.2	70.7	69.8	62.8	56.0	49.4	42.8	34.3	26.2	20.3
-85°	39.6	40.3	40.5	40.0	35.7	31.6	28.8	25.9	21.4	17.3	13.6
-87.5°	16.4	17.4	18.1	18.6	17.2	15.8	14.4	13.0	10.7	8.7	6.8
-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-SA3D-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°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
85°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
82.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
80°	1.5	1.3	1.0	0.8	0.5	0.3	0.0
77.5°	1.5	1.5	1.3	1.0	0.6	0.3	0.0
75°	1.5	1.5	1.5	1.2	0.8	0.4	0.0
72.5°	1.5	1.5	1.5	1.3	0.9	0.5	0.0
70°	1.5	1.5	1.5	1.5	1.0	0.5	0.0
67.5°	1.6	1.5	1.5	1.5	1.1	0.6	0.0
65°	1.8	1.7	1.5	1.5	1.3	0.6	0.0
62.5°	2.1	2.0	1.5	1.5	1.4	0.7	0.0
60°	2.4	2.4	1.5	1.5	1.5	0.7	0.0
57.5°	4.1	2.9	1.9	1.5	1.5	0.8	0.0
55°	6.4	3.4	2.4	1.5	1.5	0.9	0.0
52.5°	8.9	4.3	2.9	1.5	1.6	0.9	0.0
50°	11.7	6.9	3.4	1.5	1.6	1.0	0.0
47.5°	15.7	9.8	4.0	1.6	1.6	1.0	0.0
45°	24.0	12.8	4.5	2.0	1.7	1.1	0.0
42.5°	32.3	16.0	5.1	2.5	1.7	1.1	0.0
40°	40.6	19.4	6.7	3.0	1.8	1.1	0.0
37.5°	48.8	22.9	9.4	3.7	1.9	1.2	0.0
35°	56.9	28.5	12.1	4.4	1.9	1.2	0.0
32.5°	65.5	34.9	14.7	5.2	2.0	1.3	0.0
30°	75.2	41.2	17.5	6.0	2.1	1.3	0.0
27.5°	84.5	47.2	20.6	6.9	2.2	1.3	0.0
25°	93.5	53.1	23.7	7.8	2.2	1.4	0.0
22.5°	102.1	58.8	26.7	8.8	2.3	1.4	0.0
20°	110.4	64.4	29.6	9.7	2.4	1.4	0.0
17.5°	118.0	69.6	32.4	10.7	2.5	1.4	0.0
15°	125.0	74.5	35.1	11.7	2.6	1.4	0.0
12.5°	131.4	79.0	37.7	12.6	2.7	1.5	0.0
10°	137.2	83.1	40.1	13.6	2.8	1.5	0.0
7.5°	142.4	86.8	42.3	14.5	2.9	1.5	0.0
5°	147.0	90.2	44.3	15.3	2.9	1.5	0.0
2.5°	150.9	93.1	46.2	16.2	3.0	1.5	0.0
0°	154.1	95.5	47.8	16.9	3.1	1.5	0.0
-2.5°	158.3	98.5	50.0	18.0	3.6	1.6	0.0
-5°	161.8	101.1	51.9	19.0	4.0	1.7	0.0
-7.5°	164.5	103.1	53.6	19.9	4.5	1.8	0.0
-10°	166.5	104.6	54.9	20.6	4.9	1.9	0.0
-12.5°	167.6	105.7	55.9	21.3	5.3	2.0	0.0
-15°	168.0	106.1	56.6	21.9	5.7	2.0	0.0
-17.5°	167.5	106.1	56.9	22.3	6.0	2.1	0.0
-20°	167.0	105.5	56.8	22.6	6.4	2.2	0.0

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CATALOG NUMBER: GFLD-SA3D-735-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	167.1	104.3	56.4	22.7	6.6	2.2	0.0
-25°	166.4	104.0	55.5	22.7	6.9	2.3	0.0
-27.5°	164.8	103.5	54.2	22.6	7.1	2.3	0.0
-30°	162.3	102.4	52.6	22.2	7.3	2.3	0.0
-32.5°	159.1	100.7	52.0	21.8	7.4	2.3	0.0
-35°	156.0	98.2	50.9	21.1	7.5	2.3	0.0
-37.5°	152.4	95.6	49.4	20.4	7.5	2.3	0.0
-40°	148.0	93.3	47.4	19.4	7.5	2.3	0.0
-42.5°	142.8	90.4	46.0	18.5	7.4	2.3	0.0
-45°	136.7	86.8	45.1	17.8	7.3	2.2	0.0
-47.5°	129.8	82.7	43.7	16.8	7.1	2.2	0.0
-50°	123.8	78.0	41.9	16.5	6.9	2.1	0.0
-52.5°	117.3	72.8	39.6	16.3	6.6	2.0	0.0
-55°	110.0	68.5	36.9	15.9	6.3	2.0	0.0
-57.5°	102.1	63.9	33.7	15.2	6.0	1.9	0.0
-60°	93.6	58.6	30.2	14.4	5.6	1.8	0.0
-62.5°	85.4	52.7	28.1	13.4	5.2	1.7	0.0
-65°	76.4	46.3	25.7	12.2	4.9	1.5	0.0
-67.5°	66.7	40.5	23.0	10.9	4.5	1.4	0.0
-70°	56.2	35.5	20.0	9.4	4.0	1.3	0.0
-72.5°	47.8	30.1	16.8	8.3	3.6	1.1	0.0
-75°	39.2	24.4	13.3	7.2	3.1	1.0	0.0
-77.5°	30.2	18.4	11.0	6.1	2.6	0.8	0.0
-80°	20.9	14.0	8.9	4.9	2.1	0.7	0.0
-82.5°	15.4	10.6	6.7	3.7	1.6	0.5	0.0
-85°	10.3	7.1	4.5	2.5	1.1	0.3	0.0
-87.5°	5.2	3.6	2.3	1.3	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)