

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: P627297 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-750-U-MWR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627297 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA3E-750-U-MWR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N82  
Light Source: (48) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

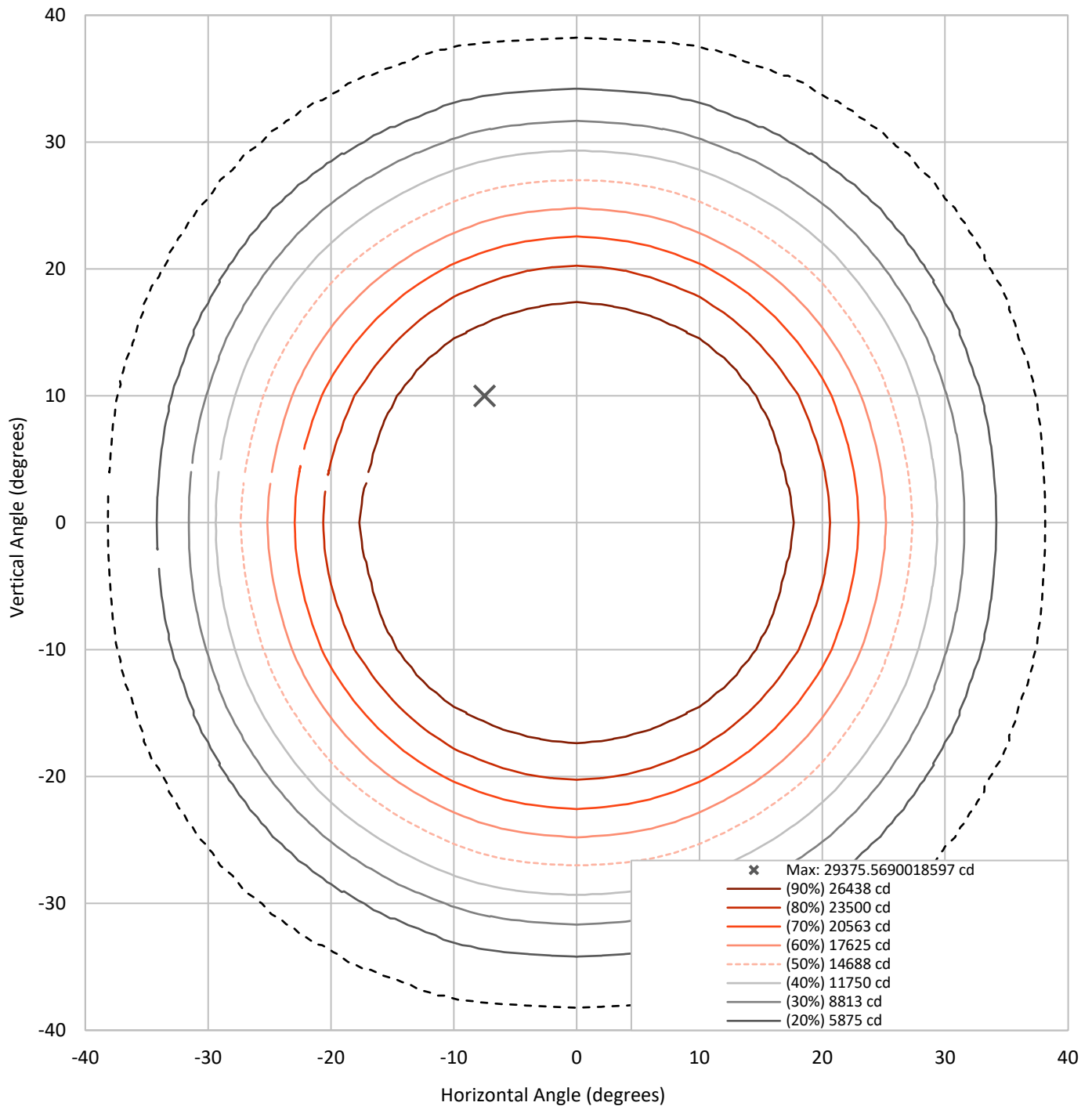
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	25001.3 lumens	Max Intensity:	29375.6 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	135.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	51°H x 52.3°V	Field Angle (10%):	74.5°H x 75.5°V
Beam Lumens:	16594.4 lumens	Field Lumens:	21577.5 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	185.2		
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





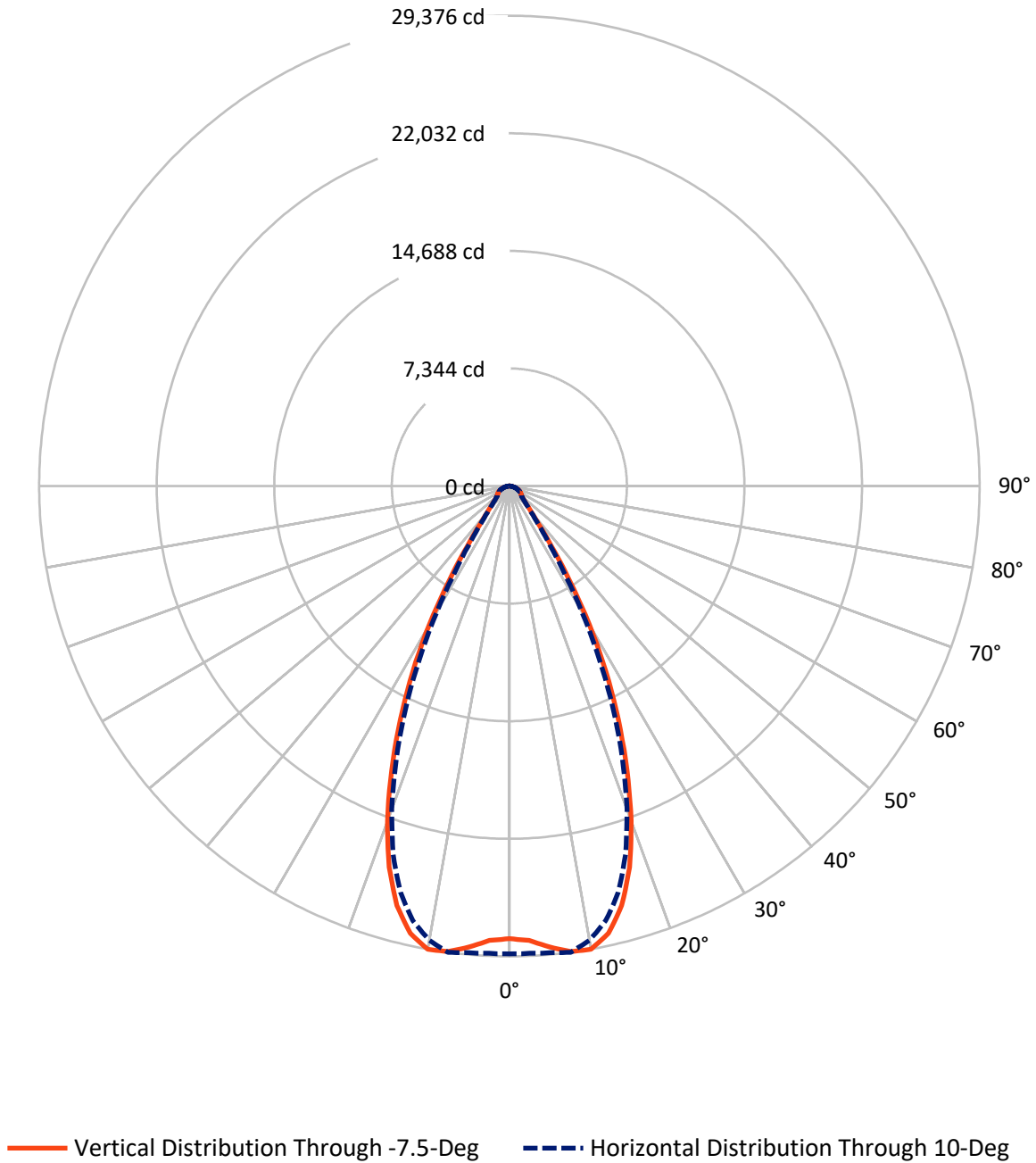
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### Lumen Table

90															90				
80	0.6	5.9		15.7		24.8		27.7		24.8		15.7		5.9		0.6			
70															70				
60	2.7	3.0	6.1	10.0	14.0	17.0	19.2	20.3	20.3	19.2	17.0	14.0	10.0	6.1	3.0	2.7			
		4.5	9.0	14.4	19.3	23.3	26.1	27.2	27.2	26.1	23.3	19.3	14.4	9.0	4.5				
50															50				
40	4.7	5.8	11.4	17.5	23.4	30.5	38.4	44.1	44.1	38.4	30.5	23.4	17.5	11.4	5.8	4.7			
		6.9	13.3	20.1	31.1	56.8	108.8	161.2	161.2	108.8	56.8	31.1	20.1	13.3	6.9				
30															30				
20	6.1	7.7	14.5	23.5	51.2	160.5	360.1	502.8	502.8	360.1	160.5	51.2	23.5	14.5	7.7	6.1			
		8.2	15.2	27.9	92.6	342.2	653.4	817.8	817.8	653.4	342.2	92.6	27.9	15.2	8.2				
10															10				
0	6.5	8.5	15.6	31.4	133.3	468.2	792.7	862.5	862.5	792.7	468.2	133.3	31.4	15.6	8.5	6.5			
		8.5	15.6	31.4	133.3	468.2	792.7	862.5	862.5	792.7	468.2	133.3	31.4	15.6	8.5				
-10															-10				
-20	6.1	8.2	15.2	27.9	92.6	342.2	653.4	817.8	817.8	653.4	342.2	92.6	27.9	15.2	8.2	6.1			
		7.7	14.5	23.5	51.2	160.5	360.1	502.8	502.8	360.1	160.5	51.2	23.5	14.5	7.7				
-30															-30				
-40	4.7	6.9	13.3	20.1	31.1	56.8	108.8	161.2	161.2	108.8	56.8	31.1	20.1	13.3	6.9	4.7			
		5.8	11.4	17.5	23.4	30.5	38.4	44.1	44.1	38.4	30.5	23.4	17.5	11.4	5.8				
-50															-50				
-60	2.7	4.5	9.0	14.4	19.3	23.3	26.1	27.2	27.2	26.1	23.3	19.3	14.4	9.0	4.5	2.7			
		3.0	6.1	10.0	14.0	17.0	19.2	20.3	20.3	19.2	17.0	14.0	10.0	6.1	3.0				
-70															-70				
-80	0.6	5.9		15.7		24.8		27.7		24.8		15.7		5.9		0.6			
-90															-90				
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

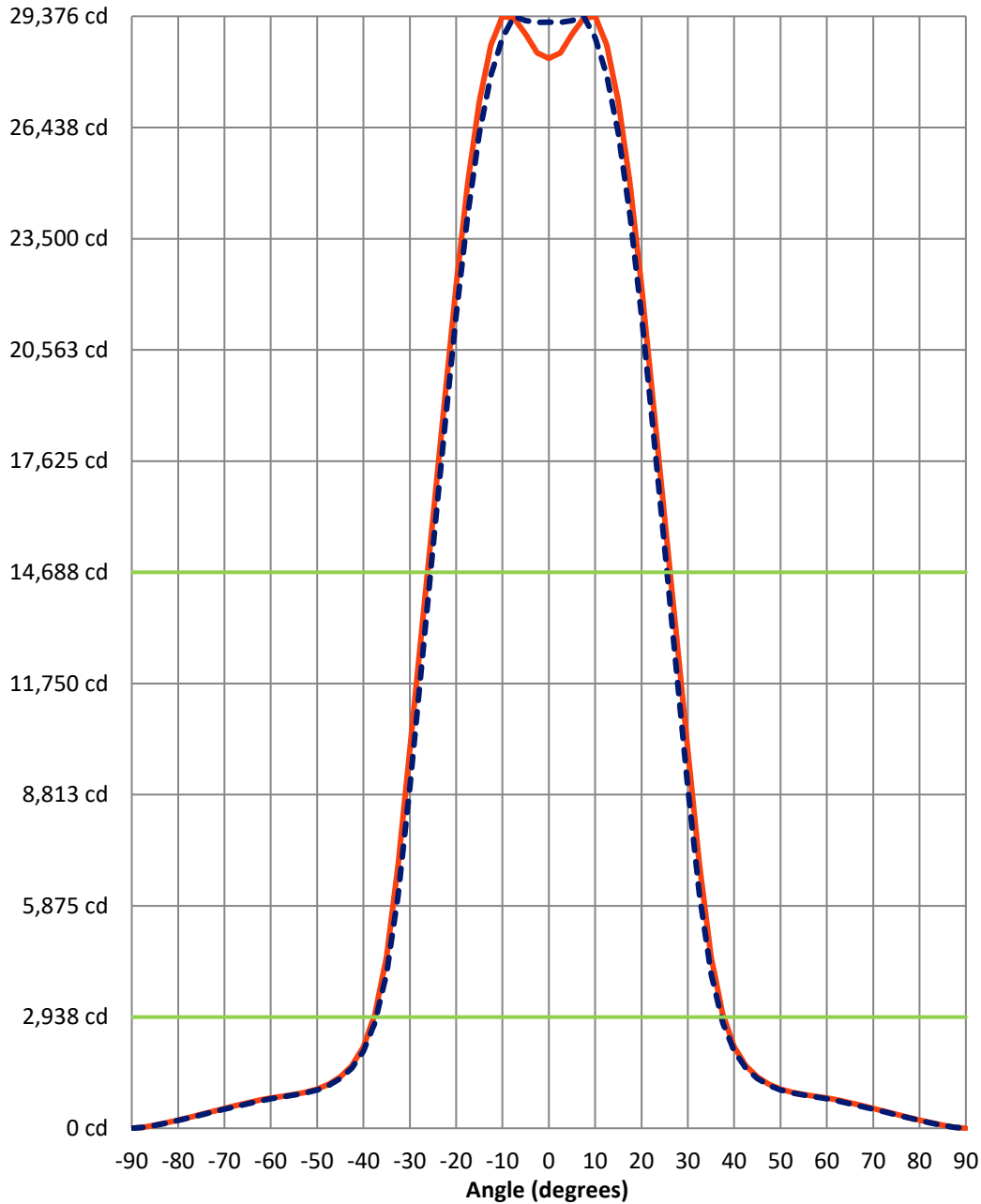
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 51°  
 V Angle: 52.3°  
 Lumens: 16594.4  
 Efficiency: 66.4%

**Field:**  
 H Angle: 74.5°  
 V Angle: 75.5°  
 Lumens: 21577.5  
 Efficiency: 86.3%

**Spill:**  
 Lumens: 3423.9  
 Efficiency: 13.7%

— Vertical Distribution through -7.5-Deg  
 - - Horizontal Distribution through 10-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	1.1	2.2	3.4	4.5	5.6	6.6	8.1	9.7	11.3	13.0
85°	0.0	2.2	4.5	6.7	8.9	11.1	13.3	16.2	19.3	22.5	26.0
82.5°	0.0	3.4	6.7	10.0	13.4	16.6	19.9	24.2	29.4	37.1	44.4
80°	0.0	4.5	8.9	13.4	17.8	22.1	27.4	37.8	47.7	57.1	65.9
77.5°	0.0	5.6	11.1	16.6	22.1	29.9	41.8	54.1	65.9	77.0	88.9
75°	0.0	6.6	13.3	19.9	27.4	41.8	56.1	70.4	84.4	100.6	116.5
72.5°	0.0	7.7	15.4	23.1	36.9	53.6	70.2	87.3	106.4	125.3	143.8
70°	0.0	8.8	17.6	27.0	46.2	65.2	84.4	106.4	128.2	149.7	172.2
67.5°	0.0	9.8	19.6	33.9	55.4	76.7	100.4	125.3	149.7	174.8	200.5
65°	0.0	10.9	21.7	40.7	64.4	88.7	116.1	143.8	171.3	199.5	229.4
62.5°	0.0	11.9	23.7	47.3	73.2	101.4	131.5	162.0	192.4	224.3	260.3
60°	0.0	12.8	25.7	53.8	81.9	113.7	146.4	179.8	213.0	251.2	290.5
57.5°	0.0	13.8	29.8	60.1	91.3	125.6	161.3	197.1	235.4	277.3	318.9
55°	0.0	14.7	33.8	66.3	100.4	137.2	176.0	214.1	257.7	302.4	346.2
52.5°	0.0	15.6	37.7	72.3	109.3	148.5	190.3	232.7	279.1	326.3	372.7
50°	0.0	16.5	41.5	78.1	117.8	160.2	204.3	250.9	299.8	349.3	398.4
47.5°	0.0	17.4	45.0	83.8	126.0	171.5	218.0	268.3	319.5	371.6	423.3
45°	0.0	18.2	48.5	89.6	133.8	182.4	232.2	285.0	338.7	393.1	447.1
42.5°	0.0	18.9	51.7	95.2	141.2	192.9	245.8	300.8	356.8	413.6	469.7
40°	0.0	19.7	54.8	100.3	148.8	203.1	258.6	315.8	374.1	433.2	491.4
37.5°	0.0	20.4	57.7	105.1	156.4	212.7	270.8	329.9	390.9	452.2	512.3
35°	0.0	21.1	60.4	109.6	163.7	222.1	282.1	343.2	406.9	469.9	531.7
32.5°	0.0	21.7	62.9	113.8	170.6	231.0	292.7	355.4	422.0	486.4	548.8
30°	0.0	22.3	65.2	117.8	177.0	239.3	302.5	367.0	436.3	501.5	564.7
27.5°	0.0	22.8	67.3	121.4	182.7	246.9	311.5	378.4	449.2	515.4	579.5
25°	0.0	23.3	69.2	124.6	187.9	253.8	319.7	388.9	460.5	527.6	593.0
22.5°	0.0	23.7	70.9	127.6	192.6	260.0	327.0	398.5	470.7	538.5	605.2
20°	0.0	24.1	72.5	130.2	196.8	265.2	333.5	407.2	479.6	548.2	616.1
17.5°	0.0	24.5	73.8	132.5	200.4	269.8	339.4	415.0	487.4	556.7	625.7
15°	0.0	24.8	74.8	134.5	203.6	273.7	344.6	421.9	494.0	564.0	633.8
12.5°	0.0	25.1	75.7	136.1	206.1	276.9	349.2	428.0	499.9	570.1	640.6
10°	0.0	25.3	76.4	137.3	208.2	279.5	353.0	433.1	505.0	575.7	646.3
7.5°	0.0	25.5	76.9	138.2	209.7	281.4	356.0	437.0	509.0	580.3	651.4
5°	0.0	25.6	77.2	138.8	210.6	282.5	358.1	439.8	511.8	583.5	655.1
2.5°	0.0	25.7	77.2	139.0	211.0	283.0	359.5	441.5	513.5	585.4	657.3
0°	0.0	25.7	77.1	138.8	210.8	282.8	359.9	442.1	514.1	586.1	658.0
-2.5°	0.0	25.7	77.2	139.0	211.0	283.0	359.5	441.5	513.5	585.4	657.3
-5°	0.0	25.6	77.2	138.8	210.6	282.5	358.1	439.8	511.8	583.5	655.1
-7.5°	0.0	25.5	76.9	138.2	209.7	281.4	356.0	437.0	509.0	580.3	651.4
-10°	0.0	25.3	76.4	137.3	208.2	279.5	353.0	433.1	505.0	575.7	646.3
-12.5°	0.0	25.1	75.7	136.1	206.1	276.9	349.2	428.0	499.9	570.1	640.6
-15°	0.0	24.8	74.8	134.5	203.6	273.7	344.6	421.9	494.0	564.0	633.8
-17.5°	0.0	24.5	73.8	132.5	200.4	269.8	339.4	415.0	487.4	556.7	625.7
-20°	0.0	24.1	72.5	130.2	196.8	265.2	333.5	407.2	479.6	548.2	616.1

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CATALOG NUMBER: GFLD-SA3E-750-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	23.7	70.9	127.6	192.6	260.0	327.0	398.5	470.7	538.5	605.2
-25°	0.0	23.3	69.2	124.6	187.9	253.8	319.7	388.9	460.5	527.6	593.0
-27.5°	0.0	22.8	67.3	121.4	182.7	246.9	311.5	378.4	449.2	515.4	579.5
-30°	0.0	22.3	65.2	117.8	177.0	239.3	302.5	367.0	436.3	501.5	564.7
-32.5°	0.0	21.7	62.9	113.8	170.6	231.0	292.7	355.4	422.0	486.4	548.8
-35°	0.0	21.1	60.4	109.6	163.7	222.1	282.1	343.2	406.9	469.9	531.7
-37.5°	0.0	20.4	57.7	105.1	156.4	212.7	270.8	329.9	390.9	452.2	512.3
-40°	0.0	19.7	54.8	100.3	148.8	203.1	258.6	315.8	374.1	433.2	491.4
-42.5°	0.0	18.9	51.7	95.2	141.2	192.9	245.8	300.8	356.8	413.6	469.7
-45°	0.0	18.2	48.5	89.6	133.8	182.4	232.2	285.0	338.7	393.1	447.1
-47.5°	0.0	17.4	45.0	83.8	126.0	171.5	218.0	268.3	319.5	371.6	423.3
-50°	0.0	16.5	41.5	78.1	117.8	160.2	204.3	250.9	299.8	349.3	398.4
-52.5°	0.0	15.6	37.7	72.3	109.3	148.5	190.3	232.7	279.1	326.3	372.7
-55°	0.0	14.7	33.8	66.3	100.4	137.2	176.0	214.1	257.7	302.4	346.2
-57.5°	0.0	13.8	29.8	60.1	91.3	125.6	161.3	197.1	235.4	277.3	318.9
-60°	0.0	12.8	25.7	53.8	81.9	113.7	146.4	179.8	213.0	251.2	290.5
-62.5°	0.0	11.9	23.7	47.3	73.2	101.4	131.5	162.0	192.4	224.3	260.3
-65°	0.0	10.9	21.7	40.7	64.4	88.7	116.1	143.8	171.3	199.5	229.4
-67.5°	0.0	9.8	19.6	33.9	55.4	76.7	100.4	125.3	149.7	174.8	200.5
-70°	0.0	8.8	17.6	27.0	46.2	65.2	84.4	106.4	128.2	149.7	172.2
-72.5°	0.0	7.7	15.4	23.1	36.9	53.6	70.2	87.3	106.4	125.3	143.8
-75°	0.0	6.6	13.3	19.9	27.4	41.8	56.1	70.4	84.4	100.6	116.5
-77.5°	0.0	5.6	11.1	16.6	22.1	29.9	41.8	54.1	65.9	77.0	88.9
-80°	0.0	4.5	8.9	13.4	17.8	22.1	27.4	37.8	47.7	57.1	65.9
-82.5°	0.0	3.4	6.7	10.0	13.4	16.6	19.9	24.2	29.4	37.1	44.4
-85°	0.0	2.2	4.5	6.7	8.9	11.1	13.3	16.2	19.3	22.5	26.0
-87.5°	0.0	1.1	2.2	3.4	4.5	5.6	6.6	8.1	9.7	11.3	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°	14.2	15.4	16.5	17.7	18.7	19.8	20.8	21.8	22.7	23.6	24.4
85°	28.4	30.8	34.9	39.1	43.1	46.9	50.6	54.2	57.6	60.9	64.0
82.5°	50.9	57.6	64.4	71.3	77.4	83.2	88.9	94.7	100.5	106.3	112.1
80°	75.0	84.2	94.9	104.9	113.8	122.2	130.3	138.1	146.5	155.6	164.8
77.5°	102.7	115.9	128.3	140.0	151.2	163.4	175.3	186.6	198.5	210.2	221.3
75°	132.3	147.4	163.3	179.0	194.2	208.9	223.3	237.9	252.7	267.4	281.5
72.5°	163.0	182.1	200.9	219.1	238.0	256.4	274.2	291.3	308.9	327.0	344.2
70°	194.8	216.7	239.8	262.0	283.3	304.8	326.5	347.4	367.8	388.7	409.4
67.5°	226.9	254.4	280.4	305.1	330.1	355.4	379.9	404.9	429.1	453.4	476.6
65°	262.2	292.2	320.7	349.0	377.4	407.1	436.0	463.9	492.0	519.1	543.6
62.5°	296.9	328.8	360.2	392.4	426.3	459.6	491.2	523.3	555.9	584.3	609.1
60°	328.7	364.1	399.3	436.0	473.5	509.4	544.8	579.6	614.7	647.4	667.6
57.5°	359.5	398.6	437.7	477.2	516.7	556.7	593.9	632.2	664.8	692.3	715.7
55°	389.5	432.0	473.6	515.1	557.7	599.5	640.0	676.3	708.1	731.1	753.7
52.5°	418.7	463.5	506.4	551.3	596.6	640.9	683.2	716.9	743.1	766.6	787.6
50°	447.0	492.5	537.9	586.5	634.3	681.3	721.0	750.6	777.1	800.0	822.1
47.5°	473.5	521.0	569.4	620.6	670.9	716.3	752.9	783.7	810.8	835.5	861.7
45°	499.0	549.4	600.6	653.4	704.8	748.7	783.9	817.1	842.6	870.4	900.4
42.5°	523.7	576.7	630.4	684.9	736.9	777.8	813.0	843.5	873.4	906.4	942.6
40°	547.3	602.4	658.5	715.2	767.1	803.4	837.8	870.2	906.4	945.6	987.6
37.5°	569.4	626.6	684.8	743.8	789.3	826.7	861.9	897.9	940.1	985.6	1042.6
35°	590.0	649.2	709.3	765.9	809.2	848.8	885.3	925.5	974.8	1034.2	1107.2
32.5°	609.1	670.0	731.9	783.9	827.5	868.7	906.1	956.3	1015.5	1086.2	1189.5
30°	626.7	689.1	751.2	801.5	844.0	885.4	931.0	987.5	1056.7	1160.0	1292.2
27.5°	643.1	706.5	766.4	816.1	858.8	901.4	954.8	1023.4	1114.5	1237.7	1402.0
25°	658.1	723.0	780.9	828.4	872.5	919.8	977.8	1054.8	1174.6	1333.8	1555.8
22.5°	671.7	738.0	794.8	839.0	885.3	936.6	1004.3	1100.6	1238.7	1424.5	1710.9
20°	683.9	749.3	805.2	849.1	897.2	950.4	1027.9	1144.0	1310.6	1551.2	1916.8
17.5°	694.5	759.2	813.0	858.7	908.7	966.2	1050.8	1181.6	1374.4	1661.8	2124.9
15°	703.6	767.6	819.6	867.0	918.8	984.2	1082.7	1230.8	1448.6	1776.7	2306.3
12.5°	711.2	774.6	825.0	873.7	927.1	999.2	1110.1	1277.1	1525.6	1917.9	2573.5
10°	717.1	780.1	829.1	878.9	933.5	1011.3	1132.3	1315.0	1589.3	2040.2	2801.5
7.5°	722.7	784.1	832.0	882.6	938.2	1020.3	1149.1	1344.3	1638.2	2136.3	2982.0
5°	726.7	786.5	833.5	884.7	942.0	1026.1	1160.6	1364.5	1672.0	2204.9	3108.9
2.5°	729.2	787.3	833.8	885.2	944.9	1028.8	1166.6	1375.8	1698.5	2237.4	3177.1
0°	730.0	786.6	832.8	884.2	945.9	1028.2	1167.0	1377.8	1711.9	2236.3	3187.4
-2.5°	729.2	787.3	833.8	885.2	944.9	1028.8	1166.6	1375.8	1698.5	2237.4	3177.1
-5°	726.7	786.5	833.5	884.7	942.0	1026.1	1160.6	1364.5	1672.0	2204.9	3108.9
-7.5°	722.7	784.1	832.0	882.6	938.2	1020.3	1149.1	1344.3	1638.2	2136.3	2982.0
-10°	717.1	780.1	829.1	878.9	933.5	1011.3	1132.3	1315.0	1589.3	2040.2	2801.5
-12.5°	711.2	774.6	825.0	873.7	927.1	999.2	1110.1	1277.1	1525.6	1917.9	2573.5
-15°	703.6	767.6	819.6	867.0	918.8	984.2	1082.7	1230.8	1448.6	1776.7	2306.3
-17.5°	694.5	759.2	813.0	858.7	908.7	966.2	1050.8	1181.6	1374.4	1661.8	2124.9
-20°	683.9	749.3	805.2	849.1	897.2	950.4	1027.9	1144.0	1310.6	1551.2	1916.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627297 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-750-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	671.7	738.0	794.8	839.0	885.3	936.6	1004.3	1100.6	1238.7	1424.5	1710.9
-25°	658.1	723.0	780.9	828.4	872.5	919.8	977.8	1054.8	1174.6	1333.8	1555.8
-27.5°	643.1	706.5	766.4	816.1	858.8	901.4	954.8	1023.4	1114.5	1237.7	1402.0
-30°	626.7	689.1	751.2	801.5	844.0	885.4	931.0	987.5	1056.7	1160.0	1292.2
-32.5°	609.1	670.0	731.9	783.9	827.5	868.7	906.1	956.3	1015.5	1086.2	1189.5
-35°	590.0	649.2	709.3	765.9	809.2	848.8	885.3	925.5	974.8	1034.2	1107.2
-37.5°	569.4	626.6	684.8	743.8	789.3	826.7	861.9	897.9	940.1	985.6	1042.6
-40°	547.3	602.4	658.5	715.2	767.1	803.4	837.8	870.2	906.4	945.6	987.6
-42.5°	523.7	576.7	630.4	684.9	736.9	777.8	813.0	843.5	873.4	906.4	942.6
-45°	499.0	549.4	600.6	653.4	704.8	748.7	783.9	817.1	842.6	870.4	900.4
-47.5°	473.5	521.0	569.4	620.6	670.9	716.3	752.9	783.7	810.8	835.5	861.7
-50°	447.0	492.5	537.9	586.5	634.3	681.3	721.0	750.6	777.1	800.0	822.1
-52.5°	418.7	463.5	506.4	551.3	596.6	640.9	683.2	716.9	743.1	766.6	787.6
-55°	389.5	432.0	473.6	515.1	557.7	599.5	640.0	676.3	708.1	731.1	753.7
-57.5°	359.5	398.6	437.7	477.2	516.7	556.7	593.9	632.2	664.8	692.3	715.7
-60°	328.7	364.1	399.3	436.0	473.5	509.4	544.8	579.6	614.7	647.4	667.6
-62.5°	296.9	328.8	360.2	392.4	426.3	459.6	491.2	523.3	555.9	584.3	609.1
-65°	262.2	292.2	320.7	349.0	377.4	407.1	436.0	463.9	492.0	519.1	543.6
-67.5°	226.9	254.4	280.4	305.1	330.1	355.4	379.9	404.9	429.1	453.4	476.6
-70°	194.8	216.7	239.8	262.0	283.3	304.8	326.5	347.4	367.8	388.7	409.4
-72.5°	163.0	182.1	200.9	219.1	238.0	256.4	274.2	291.3	308.9	327.0	344.2
-75°	132.3	147.4	163.3	179.0	194.2	208.9	223.3	237.9	252.7	267.4	281.5
-77.5°	102.7	115.9	128.3	140.0	151.2	163.4	175.3	186.6	198.5	210.2	221.3
-80°	75.0	84.2	94.9	104.9	113.8	122.2	130.3	138.1	146.5	155.6	164.8
-82.5°	50.9	57.6	64.4	71.3	77.4	83.2	88.9	94.7	100.5	106.3	112.1
-85°	28.4	30.8	34.9	39.1	43.1	46.9	50.6	54.2	57.6	60.9	64.0
-87.5°	14.2	15.4	16.5	17.7	18.7	19.8	20.8	21.8	22.7	23.6	24.4
-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: P627297 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-750-U-MWR-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°	25.2	24.9	24.5	23.9	23.3	24.9	26.5	28.2	29.7	28.8	27.8
85°	66.9	68.4	69.7	70.8	71.7	74.9	78.0	80.8	83.5	83.5	83.1
82.5°	117.7	121.5	124.8	127.7	130.3	134.0	137.4	140.3	142.8	144.6	146.2
80°	173.5	179.7	184.9	189.7	194.0	199.0	203.6	207.6	211.2	213.1	214.3
77.5°	232.4	241.4	249.5	257.1	264.4	271.6	278.1	284.0	289.1	290.3	290.0
75°	294.8	306.9	318.2	328.7	338.4	346.7	353.8	359.7	364.5	366.9	368.2
72.5°	360.6	375.4	388.8	400.8	411.1	419.7	427.1	433.5	438.9	442.4	444.4
70°	429.1	446.7	460.4	471.7	480.5	489.0	498.6	507.7	516.3	521.1	522.9
67.5°	497.8	516.1	528.6	538.9	547.0	555.4	567.4	578.3	588.0	594.5	598.6
65°	565.1	584.3	596.9	606.8	614.2	622.6	636.1	646.8	655.1	661.6	667.4
62.5°	631.6	651.0	665.0	676.7	687.5	696.7	707.8	716.8	723.9	730.3	737.6
60°	689.2	712.2	726.8	738.7	752.1	766.6	774.7	781.5	787.4	792.6	797.1
57.5°	736.2	756.7	775.6	789.9	803.8	817.2	826.8	833.2	838.4	842.2	843.7
55°	775.6	796.7	817.8	833.3	847.0	859.5	870.1	878.4	885.2	890.6	891.9
52.5°	810.9	834.6	855.3	873.2	891.3	906.1	917.6	928.9	938.8	946.7	950.1
50°	849.3	874.2	899.9	923.9	943.1	960.0	974.1	990.0	1006.8	1020.7	1029.4
47.5°	889.7	918.3	949.5	978.9	1001.7	1026.8	1050.1	1073.8	1105.0	1131.2	1150.6
45°	931.9	968.6	1004.2	1041.6	1073.2	1120.4	1164.2	1201.9	1251.9	1297.3	1333.4
42.5°	981.7	1027.5	1071.2	1131.1	1193.9	1258.4	1328.1	1387.6	1465.8	1545.4	1609.7
40°	1040.8	1099.3	1176.2	1256.7	1355.8	1444.5	1564.8	1672.0	1792.1	1943.8	2069.2
37.5°	1111.9	1202.0	1309.0	1421.2	1575.7	1723.2	1922.2	2131.8	2321.9	2613.9	2859.5
35°	1204.3	1330.2	1471.2	1669.7	1888.3	2164.9	2475.1	2880.0	3227.1	3719.6	4190.2
32.5°	1323.3	1485.3	1715.4	2021.8	2345.0	2847.1	3339.4	4042.4	4693.2	5473.7	6316.1
30°	1455.8	1702.2	2053.8	2474.1	3077.0	3815.7	4683.5	5763.1	6944.6	8041.6	9122.6
27.5°	1647.7	2000.8	2462.7	3141.0	4080.5	5114.0	6634.5	8100.0	9629.0	10988.1	12121.6
25°	1871.8	2338.5	3052.6	4051.5	5322.1	7091.8	8912.0	10720.7	12364.9	13787.8	15040.3
22.5°	2161.2	2832.3	3784.3	5078.2	7056.7	9177.8	11312.3	13307.2	15061.2	16645.7	18001.4
20°	2476.0	3315.7	4675.4	6604.6	8867.3	11283.8	13693.8	15818.9	17750.2	19546.7	21074.7
17.5°	2874.9	4051.0	5772.7	8087.1	10703.1	13350.7	15882.6	18188.7	20379.8	22280.8	23877.4
15°	3214.9	4698.5	6945.5	9659.9	12489.5	15282.3	17955.3	20460.3	22738.3	24688.8	26189.7
12.5°	3668.4	5424.2	7986.9	11012.0	14078.3	17017.0	19832.5	22421.6	24739.8	26668.8	27837.2
10°	4097.1	6175.5	8993.4	12148.2	15333.8	18464.9	21471.0	24126.3	26278.7	27813.3	28809.0
7.5°	4461.6	6821.2	9812.1	13066.5	16331.2	19604.8	22647.8	25231.4	27216.0	28497.5	29190.7
5°	4733.7	7303.9	10419.8	13812.7	17162.8	20493.9	23513.1	25938.5	27653.7	28605.7	28953.8
2.5°	4907.1	7587.4	10772.4	14302.3	17719.3	21056.4	24106.6	26494.0	27949.2	28580.3	28640.3
0°	4976.4	7624.0	10826.8	14559.1	17859.6	21216.6	24275.5	26722.6	28059.2	28578.4	28568.1
-2.5°	4907.1	7587.4	10772.4	14302.3	17719.3	21056.4	24106.6	26494.0	27949.2	28580.3	28640.3
-5°	4733.7	7303.9	10419.8	13812.7	17162.8	20493.9	23513.1	25938.5	27653.7	28605.7	28953.8
-7.5°	4461.6	6821.2	9812.1	13066.5	16331.2	19604.8	22647.8	25231.4	27216.0	28497.5	29190.7
-10°	4097.1	6175.5	8993.4	12148.2	15333.8	18464.9	21471.0	24126.3	26278.7	27813.3	28809.0
-12.5°	3668.4	5424.2	7986.9	11012.0	14078.3	17017.0	19832.5	22421.6	24739.8	26668.8	27837.2
-15°	3214.9	4698.5	6945.5	9659.9	12489.5	15282.3	17955.3	20460.3	22738.3	24688.8	26189.7
-17.5°	2874.9	4051.0	5772.7	8087.1	10703.1	13350.7	15882.6	18188.7	20379.8	22280.8	23877.4
-20°	2476.0	3315.7	4675.4	6604.6	8867.3	11283.8	13693.8	15818.9	17750.2	19546.7	21074.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627297 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-750-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2161.2	2832.3	3784.3	5078.2	7056.7	9177.8	11312.3	13307.2	15061.2	16645.7	18001.4
-25°	1871.8	2338.5	3052.6	4051.5	5322.1	7091.8	8912.0	10720.7	12364.9	13787.8	15040.3
-27.5°	1647.7	2000.8	2462.7	3141.0	4080.5	5114.0	6634.5	8100.0	9629.0	10988.1	12121.6
-30°	1455.8	1702.2	2053.8	2474.1	3077.0	3815.7	4683.5	5763.1	6944.6	8041.6	9122.6
-32.5°	1323.3	1485.3	1715.4	2021.8	2345.0	2847.1	3339.4	4042.4	4693.2	5473.7	6316.1
-35°	1204.3	1330.2	1471.2	1669.7	1888.3	2164.9	2475.1	2880.0	3227.1	3719.6	4190.2
-37.5°	1111.9	1202.0	1309.0	1421.2	1575.7	1723.2	1922.2	2131.8	2321.9	2613.9	2859.5
-40°	1040.8	1099.3	1176.2	1256.7	1355.8	1444.5	1564.8	1672.0	1792.1	1943.8	2069.2
-42.5°	981.7	1027.5	1071.2	1131.1	1193.9	1258.4	1328.1	1387.6	1465.8	1545.4	1609.7
-45°	931.9	968.6	1004.2	1041.6	1073.2	1120.4	1164.2	1201.9	1251.9	1297.3	1333.4
-47.5°	889.7	918.3	949.5	978.9	1001.7	1026.8	1050.1	1073.8	1105.0	1131.2	1150.6
-50°	849.3	874.2	899.9	923.9	943.1	960.0	974.1	990.0	1006.8	1020.7	1029.4
-52.5°	810.9	834.6	855.3	873.2	891.3	906.1	917.6	928.9	938.8	946.7	950.1
-55°	775.6	796.7	817.8	833.3	847.0	859.5	870.1	878.4	885.2	890.6	891.9
-57.5°	736.2	756.7	775.6	789.9	803.8	817.2	826.8	833.2	838.4	842.2	843.7
-60°	689.2	712.2	726.8	738.7	752.1	766.6	774.7	781.5	787.4	792.6	797.1
-62.5°	631.6	651.0	665.0	676.7	687.5	696.7	707.8	716.8	723.9	730.3	737.6
-65°	565.1	584.3	596.9	606.8	614.2	622.6	636.1	646.8	655.1	661.6	667.4
-67.5°	497.8	516.1	528.6	538.9	547.0	555.4	567.4	578.3	588.0	594.5	598.6
-70°	429.1	446.7	460.4	471.7	480.5	489.0	498.6	507.7	516.3	521.1	522.9
-72.5°	360.6	375.4	388.8	400.8	411.1	419.7	427.1	433.5	438.9	442.4	444.4
-75°	294.8	306.9	318.2	328.7	338.4	346.7	353.8	359.7	364.5	366.9	368.2
-77.5°	232.4	241.4	249.5	257.1	264.4	271.6	278.1	284.0	289.1	290.3	290.0
-80°	173.5	179.7	184.9	189.7	194.0	199.0	203.6	207.6	211.2	213.1	214.3
-82.5°	117.7	121.5	124.8	127.7	130.3	134.0	137.4	140.3	142.8	144.6	146.2
-85°	66.9	68.4	69.7	70.8	71.7	74.9	78.0	80.8	83.5	83.5	83.1
-87.5°	25.2	24.9	24.5	23.9	23.3	24.9	26.5	28.2	29.7	28.8	27.8
-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: P627297 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-750-U-MWR-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°	26.7	25.6	25.7	25.7	25.7	25.6	26.7	27.8	28.8	29.7	28.2
85°	82.6	81.9	79.6	77.1	79.6	81.9	82.6	83.1	83.5	83.5	80.8
82.5°	147.4	148.3	146.3	143.9	146.3	148.3	147.4	146.2	144.6	142.8	140.3
80°	214.9	214.9	213.1	210.8	213.1	214.9	214.9	214.3	213.1	211.2	207.6
77.5°	288.8	286.7	287.5	287.9	287.5	286.7	288.8	290.0	290.3	289.1	284.0
75°	368.7	368.4	367.2	365.0	367.2	368.4	368.7	368.2	366.9	364.5	359.7
72.5°	445.4	445.4	444.3	442.1	444.3	445.4	445.4	444.4	442.4	438.9	433.5
70°	523.4	522.4	523.8	524.4	523.8	522.4	523.4	522.9	521.1	516.3	507.7
67.5°	601.8	603.9	603.5	601.5	603.5	603.9	601.8	598.6	594.5	588.0	578.3
65°	672.2	675.7	677.8	678.6	677.8	675.7	672.2	667.4	661.6	655.1	646.8
62.5°	743.3	747.3	747.5	745.4	747.5	747.3	743.3	737.6	730.3	723.9	716.8
60°	799.5	800.2	799.2	796.8	799.2	800.2	799.5	797.1	792.6	787.4	781.5
57.5°	843.7	842.2	840.5	838.0	840.5	842.2	843.7	843.7	842.2	838.4	833.2
55°	891.2	888.8	886.7	884.2	886.7	888.8	891.2	891.9	890.6	885.2	878.4
52.5°	950.9	949.6	948.1	945.9	948.1	949.6	950.9	950.1	946.7	938.8	928.9
50°	1033.9	1035.2	1035.1	1033.3	1035.1	1035.2	1033.9	1029.4	1020.7	1006.8	990.0
47.5°	1163.0	1169.8	1174.5	1177.3	1174.5	1169.8	1163.0	1150.6	1131.2	1105.0	1073.8
45°	1356.5	1370.2	1379.9	1388.1	1379.9	1370.2	1356.5	1333.4	1297.3	1251.9	1201.9
42.5°	1654.9	1685.7	1700.2	1696.5	1700.2	1685.7	1654.9	1609.7	1545.4	1465.8	1387.6
40°	2152.7	2202.3	2229.8	2251.7	2229.8	2202.3	2152.7	2069.2	1943.8	1792.1	1672.0
37.5°	3027.2	3123.5	3174.2	3218.2	3174.2	3123.5	3027.2	2859.5	2613.9	2321.9	2131.8
35°	4541.8	4758.4	4874.4	4914.7	4874.4	4758.4	4541.8	4190.2	3719.6	3227.1	2880.0
32.5°	6971.5	7371.1	7592.0	7762.8	7592.0	7371.1	6971.5	6316.1	5473.7	4693.2	4042.4
30°	9978.6	10504.9	10797.2	10939.9	10797.2	10504.9	9978.6	9122.6	8041.6	6944.6	5763.1
27.5°	13061.2	13659.5	13974.7	13957.6	13974.7	13659.5	13061.2	12121.6	10988.1	9629.0	8100.0
25°	16113.9	16807.0	17121.0	17402.0	17121.0	16807.0	16113.9	15040.3	13787.8	12364.9	10720.7
22.5°	19201.5	20011.9	20454.0	20661.4	20454.0	20011.9	19201.5	18001.4	16645.7	15061.2	13307.2
20°	22252.3	23154.4	23623.8	23828.2	23623.8	23154.4	22252.3	21074.7	19546.7	17750.2	15818.9
17.5°	24958.0	25838.7	26286.1	26475.8	26286.1	25838.7	24958.0	23877.4	22280.8	20379.8	18188.7
15°	27118.5	27768.1	28148.6	28249.4	28148.6	27768.1	27118.5	26189.7	24688.8	22738.3	20460.3
12.5°	28612.0	28863.7	29046.6	29102.8	29046.6	28863.7	28612.0	27837.2	26668.8	24739.8	22421.6
10°	29375.6	29262.0	29215.1	29221.0	29215.1	29262.0	29375.6	28809.0	27813.3	26278.7	24126.3
7.5°	29323.0	29154.9	28817.2	28763.5	28817.2	29154.9	29323.0	29190.7	28497.5	27216.0	25231.4
5°	28901.7	28595.7	28035.2	27874.1	28035.2	28595.7	28901.7	28953.8	28605.7	27653.7	25938.5
2.5°	28410.7	27858.9	27342.7	27010.4	27342.7	27858.9	28410.7	28640.3	28580.3	27949.2	26494.0
0°	28264.8	27627.4	26959.0	26743.1	26959.0	27627.4	28264.8	28568.1	28578.4	28059.2	26722.6
-2.5°	28410.7	27858.9	27342.7	27010.4	27342.7	27858.9	28410.7	28640.3	28580.3	27949.2	26494.0
-5°	28901.7	28595.7	28035.2	27874.1	28035.2	28595.7	28901.7	28953.8	28605.7	27653.7	25938.5
-7.5°	29323.0	29154.9	28817.2	28763.5	28817.2	29154.9	29323.0	29190.7	28497.5	27216.0	25231.4
-10°	29375.6	29262.0	29215.1	29221.0	29215.1	29262.0	29375.6	28809.0	27813.3	26278.7	24126.3
-12.5°	28612.0	28863.7	29046.6	29102.8	29046.6	28863.7	28612.0	27837.2	26668.8	24739.8	22421.6
-15°	27118.5	27768.1	28148.6	28249.4	28148.6	27768.1	27118.5	26189.7	24688.8	22738.3	20460.3
-17.5°	24958.0	25838.7	26286.1	26475.8	26286.1	25838.7	24958.0	23877.4	22280.8	20379.8	18188.7
-20°	22252.3	23154.4	23623.8	23828.2	23623.8	23154.4	22252.3	21074.7	19546.7	17750.2	15818.9



REPORT NUMBER: P627297 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-750-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	19201.5	20011.9	20454.0	20661.4	20454.0	20011.9	19201.5	18001.4	16645.7	15061.2	13307.2
-25°	16113.9	16807.0	17121.0	17402.0	17121.0	16807.0	16113.9	15040.3	13787.8	12364.9	10720.7
-27.5°	13061.2	13659.5	13974.7	13957.6	13974.7	13659.5	13061.2	12121.6	10988.1	9629.0	8100.0
-30°	9978.6	10504.9	10797.2	10939.9	10797.2	10504.9	9978.6	9122.6	8041.6	6944.6	5763.1
-32.5°	6971.5	7371.1	7592.0	7762.8	7592.0	7371.1	6971.5	6316.1	5473.7	4693.2	4042.4
-35°	4541.8	4758.4	4874.4	4914.7	4874.4	4758.4	4541.8	4190.2	3719.6	3227.1	2880.0
-37.5°	3027.2	3123.5	3174.2	3218.2	3174.2	3123.5	3027.2	2859.5	2613.9	2321.9	2131.8
-40°	2152.7	2202.3	2229.8	2251.7	2229.8	2202.3	2152.7	2069.2	1943.8	1792.1	1672.0
-42.5°	1654.9	1685.7	1700.2	1696.5	1700.2	1685.7	1654.9	1609.7	1545.4	1465.8	1387.6
-45°	1356.5	1370.2	1379.9	1388.1	1379.9	1370.2	1356.5	1333.4	1297.3	1251.9	1201.9
-47.5°	1163.0	1169.8	1174.5	1177.3	1174.5	1169.8	1163.0	1150.6	1131.2	1105.0	1073.8
-50°	1033.9	1035.2	1035.1	1033.3	1035.1	1035.2	1033.9	1029.4	1020.7	1006.8	990.0
-52.5°	950.9	949.6	948.1	945.9	948.1	949.6	950.9	950.1	946.7	938.8	928.9
-55°	891.2	888.8	886.7	884.2	886.7	888.8	891.2	891.9	890.6	885.2	878.4
-57.5°	843.7	842.2	840.5	838.0	840.5	842.2	843.7	843.7	842.2	838.4	833.2
-60°	799.5	800.2	799.2	796.8	799.2	800.2	799.5	797.1	792.6	787.4	781.5
-62.5°	743.3	747.3	747.5	745.4	747.5	747.3	743.3	737.6	730.3	723.9	716.8
-65°	672.2	675.7	677.8	678.6	677.8	675.7	672.2	667.4	661.6	655.1	646.8
-67.5°	601.8	603.9	603.5	601.5	603.5	603.9	601.8	598.6	594.5	588.0	578.3
-70°	523.4	522.4	523.8	524.4	523.8	522.4	523.4	522.9	521.1	516.3	507.7
-72.5°	445.4	445.4	444.3	442.1	444.3	445.4	445.4	444.4	442.4	438.9	433.5
-75°	368.7	368.4	367.2	365.0	367.2	368.4	368.7	368.2	366.9	364.5	359.7
-77.5°	288.8	286.7	287.5	287.9	287.5	286.7	288.8	290.0	290.3	289.1	284.0
-80°	214.9	214.9	213.1	210.8	213.1	214.9	214.9	214.3	213.1	211.2	207.6
-82.5°	147.4	148.3	146.3	143.9	146.3	148.3	147.4	146.2	144.6	142.8	140.3
-85°	82.6	81.9	79.6	77.1	79.6	81.9	82.6	83.1	83.5	83.5	80.8
-87.5°	26.7	25.6	25.7	25.7	25.7	25.6	26.7	27.8	28.8	29.7	28.2
-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: P627297 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-750-U-MWR-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°	26.5	24.9	23.3	23.9	24.5	24.9	25.2	24.4	23.6	22.7	21.8
85°	78.0	74.9	71.7	70.8	69.7	68.4	66.9	64.0	60.9	57.6	54.2
82.5°	137.4	134.0	130.3	127.7	124.8	121.5	117.7	112.1	106.3	100.5	94.7
80°	203.6	199.0	194.0	189.7	184.9	179.7	173.5	164.8	155.6	146.5	138.1
77.5°	278.1	271.6	264.4	257.1	249.5	241.4	232.4	221.3	210.2	198.5	186.6
75°	353.8	346.7	338.4	328.7	318.2	306.9	294.8	281.5	267.4	252.7	237.9
72.5°	427.1	419.7	411.1	400.8	388.8	375.4	360.6	344.2	327.0	308.9	291.3
70°	498.6	489.0	480.5	471.7	460.4	446.7	429.1	409.4	388.7	367.8	347.4
67.5°	567.4	555.4	547.0	538.9	528.6	516.1	497.8	476.6	453.4	429.1	404.9
65°	636.1	622.6	614.2	606.8	596.9	584.3	565.1	543.6	519.1	492.0	463.9
62.5°	707.8	696.7	687.5	676.7	665.0	651.0	631.6	609.1	584.3	555.9	523.3
60°	774.7	766.6	752.1	738.7	726.8	712.2	689.2	667.6	647.4	614.7	579.6
57.5°	826.8	817.2	803.8	789.9	775.6	756.7	736.2	715.7	692.3	664.8	632.2
55°	870.1	859.5	847.0	833.3	817.8	796.7	775.6	753.7	731.1	708.1	676.3
52.5°	917.6	906.1	891.3	873.2	855.3	834.6	810.9	787.6	766.6	743.1	716.9
50°	974.1	960.0	943.1	923.9	899.9	874.2	849.3	822.1	800.0	777.1	750.6
47.5°	1050.1	1026.8	1001.7	978.9	949.5	918.3	889.7	861.7	835.5	810.8	783.7
45°	1164.2	1120.4	1073.2	1041.6	1004.2	968.6	931.9	900.4	870.4	842.6	817.1
42.5°	1328.1	1258.4	1193.9	1131.1	1071.2	1027.5	981.7	942.6	906.4	873.4	843.5
40°	1564.8	1444.5	1355.8	1256.7	1176.2	1099.3	1040.8	987.6	945.6	906.4	870.2
37.5°	1922.2	1723.2	1575.7	1421.2	1309.0	1202.0	1111.9	1042.6	985.6	940.1	897.9
35°	2475.1	2164.9	1888.3	1669.7	1471.2	1330.2	1204.3	1107.2	1034.2	974.8	925.5
32.5°	3339.4	2847.1	2345.0	2021.8	1715.4	1485.3	1323.3	1189.5	1086.2	1015.5	956.3
30°	4683.5	3815.7	3077.0	2474.1	2053.8	1702.2	1455.8	1292.2	1160.0	1056.7	987.5
27.5°	6634.5	5114.0	4080.5	3141.0	2462.7	2000.8	1647.7	1402.0	1237.7	1114.5	1023.4
25°	8912.0	7091.8	5322.1	4051.5	3052.6	2338.5	1871.8	1555.8	1333.8	1174.6	1054.8
22.5°	11312.3	9177.8	7056.7	5078.2	3784.3	2832.3	2161.2	1710.9	1424.5	1238.7	1100.6
20°	13693.8	11283.8	8867.3	6604.6	4675.4	3315.7	2476.0	1916.8	1551.2	1310.6	1144.0
17.5°	15882.6	13350.7	10703.1	8087.1	5772.7	4051.0	2874.9	2124.9	1661.8	1374.4	1181.6
15°	17955.3	15282.3	12489.5	9659.9	6945.5	4698.5	3214.9	2306.3	1776.7	1448.6	1230.8
12.5°	19832.5	17017.0	14078.3	11012.0	7986.9	5424.2	3668.4	2573.5	1917.9	1525.6	1277.1
10°	21471.0	18464.9	15333.8	12148.2	8993.4	6175.5	4097.1	2801.5	2040.2	1589.3	1315.0
7.5°	22647.8	19604.8	16331.2	13066.5	9812.1	6821.2	4461.6	2982.0	2136.3	1638.2	1344.3
5°	23513.1	20493.9	17162.8	13812.7	10419.8	7303.9	4733.7	3108.9	2204.9	1672.0	1364.5
2.5°	24106.6	21056.4	17719.3	14302.3	10772.4	7587.4	4907.1	3177.1	2237.4	1698.5	1375.8
0°	24275.5	21216.6	17859.6	14559.1	10826.8	7624.0	4976.4	3187.4	2236.3	1711.9	1377.8
-2.5°	24106.6	21056.4	17719.3	14302.3	10772.4	7587.4	4907.1	3177.1	2237.4	1698.5	1375.8
-5°	23513.1	20493.9	17162.8	13812.7	10419.8	7303.9	4733.7	3108.9	2204.9	1672.0	1364.5
-7.5°	22647.8	19604.8	16331.2	13066.5	9812.1	6821.2	4461.6	2982.0	2136.3	1638.2	1344.3
-10°	21471.0	18464.9	15333.8	12148.2	8993.4	6175.5	4097.1	2801.5	2040.2	1589.3	1315.0
-12.5°	19832.5	17017.0	14078.3	11012.0	7986.9	5424.2	3668.4	2573.5	1917.9	1525.6	1277.1
-15°	17955.3	15282.3	12489.5	9659.9	6945.5	4698.5	3214.9	2306.3	1776.7	1448.6	1230.8
-17.5°	15882.6	13350.7	10703.1	8087.1	5772.7	4051.0	2874.9	2124.9	1661.8	1374.4	1181.6
-20°	13693.8	11283.8	8867.3	6604.6	4675.4	3315.7	2476.0	1916.8	1551.2	1310.6	1144.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627297 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-750-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	11312.3	9177.8	7056.7	5078.2	3784.3	2832.3	2161.2	1710.9	1424.5	1238.7	1100.6
-25°	8912.0	7091.8	5322.1	4051.5	3052.6	2338.5	1871.8	1555.8	1333.8	1174.6	1054.8
-27.5°	6634.5	5114.0	4080.5	3141.0	2462.7	2000.8	1647.7	1402.0	1237.7	1114.5	1023.4
-30°	4683.5	3815.7	3077.0	2474.1	2053.8	1702.2	1455.8	1292.2	1160.0	1056.7	987.5
-32.5°	3339.4	2847.1	2345.0	2021.8	1715.4	1485.3	1323.3	1189.5	1086.2	1015.5	956.3
-35°	2475.1	2164.9	1888.3	1669.7	1471.2	1330.2	1204.3	1107.2	1034.2	974.8	925.5
-37.5°	1922.2	1723.2	1575.7	1421.2	1309.0	1202.0	1111.9	1042.6	985.6	940.1	897.9
-40°	1564.8	1444.5	1355.8	1256.7	1176.2	1099.3	1040.8	987.6	945.6	906.4	870.2
-42.5°	1328.1	1258.4	1193.9	1131.1	1071.2	1027.5	981.7	942.6	906.4	873.4	843.5
-45°	1164.2	1120.4	1073.2	1041.6	1004.2	968.6	931.9	900.4	870.4	842.6	817.1
-47.5°	1050.1	1026.8	1001.7	978.9	949.5	918.3	889.7	861.7	835.5	810.8	783.7
-50°	974.1	960.0	943.1	923.9	899.9	874.2	849.3	822.1	800.0	777.1	750.6
-52.5°	917.6	906.1	891.3	873.2	855.3	834.6	810.9	787.6	766.6	743.1	716.9
-55°	870.1	859.5	847.0	833.3	817.8	796.7	775.6	753.7	731.1	708.1	676.3
-57.5°	826.8	817.2	803.8	789.9	775.6	756.7	736.2	715.7	692.3	664.8	632.2
-60°	774.7	766.6	752.1	738.7	726.8	712.2	689.2	667.6	647.4	614.7	579.6
-62.5°	707.8	696.7	687.5	676.7	665.0	651.0	631.6	609.1	584.3	555.9	523.3
-65°	636.1	622.6	614.2	606.8	596.9	584.3	565.1	543.6	519.1	492.0	463.9
-67.5°	567.4	555.4	547.0	538.9	528.6	516.1	497.8	476.6	453.4	429.1	404.9
-70°	498.6	489.0	480.5	471.7	460.4	446.7	429.1	409.4	388.7	367.8	347.4
-72.5°	427.1	419.7	411.1	400.8	388.8	375.4	360.6	344.2	327.0	308.9	291.3
-75°	353.8	346.7	338.4	328.7	318.2	306.9	294.8	281.5	267.4	252.7	237.9
-77.5°	278.1	271.6	264.4	257.1	249.5	241.4	232.4	221.3	210.2	198.5	186.6
-80°	203.6	199.0	194.0	189.7	184.9	179.7	173.5	164.8	155.6	146.5	138.1
-82.5°	137.4	134.0	130.3	127.7	124.8	121.5	117.7	112.1	106.3	100.5	94.7
-85°	78.0	74.9	71.7	70.8	69.7	68.4	66.9	64.0	60.9	57.6	54.2
-87.5°	26.5	24.9	23.3	23.9	24.5	24.9	25.2	24.4	23.6	22.7	21.8
-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: P627297 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-750-U-MWR-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°	20.8	19.8	18.7	17.7	16.5	15.4	14.2	13.0	11.3	9.7	8.1
85°	50.6	46.9	43.1	39.1	34.9	30.8	28.4	26.0	22.5	19.3	16.2
82.5°	88.9	83.2	77.4	71.3	64.4	57.6	50.9	44.4	37.1	29.4	24.2
80°	130.3	122.2	113.8	104.9	94.9	84.2	75.0	65.9	57.1	47.7	37.8
77.5°	175.3	163.4	151.2	140.0	128.3	115.9	102.7	88.9	77.0	65.9	54.1
75°	223.3	208.9	194.2	179.0	163.3	147.4	132.3	116.5	100.6	84.4	70.4
72.5°	274.2	256.4	238.0	219.1	200.9	182.1	163.0	143.8	125.3	106.4	87.3
70°	326.5	304.8	283.3	262.0	239.8	216.7	194.8	172.2	149.7	128.2	106.4
67.5°	379.9	355.4	330.1	305.1	280.4	254.4	226.9	200.5	174.8	149.7	125.3
65°	436.0	407.1	377.4	349.0	320.7	292.2	262.2	229.4	199.5	171.3	143.8
62.5°	491.2	459.6	426.3	392.4	360.2	328.8	296.9	260.3	224.3	192.4	162.0
60°	544.8	509.4	473.5	436.0	399.3	364.1	328.7	290.5	251.2	213.0	179.8
57.5°	593.9	556.7	516.7	477.2	437.7	398.6	359.5	318.9	277.3	235.4	197.1
55°	640.0	599.5	557.7	515.1	473.6	432.0	389.5	346.2	302.4	257.7	214.1
52.5°	683.2	640.9	596.6	551.3	506.4	463.5	418.7	372.7	326.3	279.1	232.7
50°	721.0	681.3	634.3	586.5	537.9	492.5	447.0	398.4	349.3	299.8	250.9
47.5°	752.9	716.3	670.9	620.6	569.4	521.0	473.5	423.3	371.6	319.5	268.3
45°	783.9	748.7	704.8	653.4	600.6	549.4	499.0	447.1	393.1	338.7	285.0
42.5°	813.0	777.8	736.9	684.9	630.4	576.7	523.7	469.7	413.6	356.8	300.8
40°	837.8	803.4	767.1	715.2	658.5	602.4	547.3	491.4	433.2	374.1	315.8
37.5°	861.9	826.7	789.3	743.8	684.8	626.6	569.4	512.3	452.2	390.9	329.9
35°	885.3	848.8	809.2	765.9	709.3	649.2	590.0	531.7	469.9	406.9	343.2
32.5°	906.1	868.7	827.5	783.9	731.9	670.0	609.1	548.8	486.4	422.0	355.4
30°	931.0	885.4	844.0	801.5	751.2	689.1	626.7	564.7	501.5	436.3	367.0
27.5°	954.8	901.4	858.8	816.1	766.4	706.5	643.1	579.5	515.4	449.2	378.4
25°	977.8	919.8	872.5	828.4	780.9	723.0	658.1	593.0	527.6	460.5	388.9
22.5°	1004.3	936.6	885.3	839.0	794.8	738.0	671.7	605.2	538.5	470.7	398.5
20°	1027.9	950.4	897.2	849.1	805.2	749.3	683.9	616.1	548.2	479.6	407.2
17.5°	1050.8	966.2	908.7	858.7	813.0	759.2	694.5	625.7	556.7	487.4	415.0
15°	1082.7	984.2	918.8	867.0	819.6	767.6	703.6	633.8	564.0	494.0	421.9
12.5°	1110.1	999.2	927.1	873.7	825.0	774.6	711.2	640.6	570.1	499.9	428.0
10°	1132.3	1011.3	933.5	878.9	829.1	780.1	717.1	646.3	575.7	505.0	433.1
7.5°	1149.1	1020.3	938.2	882.6	832.0	784.1	722.7	651.4	580.3	509.0	437.0
5°	1160.6	1026.1	942.0	884.7	833.5	786.5	726.7	655.1	583.5	511.8	439.8
2.5°	1166.6	1028.8	944.9	885.2	833.8	787.3	729.2	657.3	585.4	513.5	441.5
0°	1167.0	1028.2	945.9	884.2	832.8	786.6	730.0	658.0	586.1	514.1	442.1
-2.5°	1166.6	1028.8	944.9	885.2	833.8	787.3	729.2	657.3	585.4	513.5	441.5
-5°	1160.6	1026.1	942.0	884.7	833.5	786.5	726.7	655.1	583.5	511.8	439.8
-7.5°	1149.1	1020.3	938.2	882.6	832.0	784.1	722.7	651.4	580.3	509.0	437.0
-10°	1132.3	1011.3	933.5	878.9	829.1	780.1	717.1	646.3	575.7	505.0	433.1
-12.5°	1110.1	999.2	927.1	873.7	825.0	774.6	711.2	640.6	570.1	499.9	428.0
-15°	1082.7	984.2	918.8	867.0	819.6	767.6	703.6	633.8	564.0	494.0	421.9
-17.5°	1050.8	966.2	908.7	858.7	813.0	759.2	694.5	625.7	556.7	487.4	415.0
-20°	1027.9	950.4	897.2	849.1	805.2	749.3	683.9	616.1	548.2	479.6	407.2



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CATALOG NUMBER: GFLD-SA3E-750-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1004.3	936.6	885.3	839.0	794.8	738.0	671.7	605.2	538.5	470.7	398.5
-25°	977.8	919.8	872.5	828.4	780.9	723.0	658.1	593.0	527.6	460.5	388.9
-27.5°	954.8	901.4	858.8	816.1	766.4	706.5	643.1	579.5	515.4	449.2	378.4
-30°	931.0	885.4	844.0	801.5	751.2	689.1	626.7	564.7	501.5	436.3	367.0
-32.5°	906.1	868.7	827.5	783.9	731.9	670.0	609.1	548.8	486.4	422.0	355.4
-35°	885.3	848.8	809.2	765.9	709.3	649.2	590.0	531.7	469.9	406.9	343.2
-37.5°	861.9	826.7	789.3	743.8	684.8	626.6	569.4	512.3	452.2	390.9	329.9
-40°	837.8	803.4	767.1	715.2	658.5	602.4	547.3	491.4	433.2	374.1	315.8
-42.5°	813.0	777.8	736.9	684.9	630.4	576.7	523.7	469.7	413.6	356.8	300.8
-45°	783.9	748.7	704.8	653.4	600.6	549.4	499.0	447.1	393.1	338.7	285.0
-47.5°	752.9	716.3	670.9	620.6	569.4	521.0	473.5	423.3	371.6	319.5	268.3
-50°	721.0	681.3	634.3	586.5	537.9	492.5	447.0	398.4	349.3	299.8	250.9
-52.5°	683.2	640.9	596.6	551.3	506.4	463.5	418.7	372.7	326.3	279.1	232.7
-55°	640.0	599.5	557.7	515.1	473.6	432.0	389.5	346.2	302.4	257.7	214.1
-57.5°	593.9	556.7	516.7	477.2	437.7	398.6	359.5	318.9	277.3	235.4	197.1
-60°	544.8	509.4	473.5	436.0	399.3	364.1	328.7	290.5	251.2	213.0	179.8
-62.5°	491.2	459.6	426.3	392.4	360.2	328.8	296.9	260.3	224.3	192.4	162.0
-65°	436.0	407.1	377.4	349.0	320.7	292.2	262.2	229.4	199.5	171.3	143.8
-67.5°	379.9	355.4	330.1	305.1	280.4	254.4	226.9	200.5	174.8	149.7	125.3
-70°	326.5	304.8	283.3	262.0	239.8	216.7	194.8	172.2	149.7	128.2	106.4
-72.5°	274.2	256.4	238.0	219.1	200.9	182.1	163.0	143.8	125.3	106.4	87.3
-75°	223.3	208.9	194.2	179.0	163.3	147.4	132.3	116.5	100.6	84.4	70.4
-77.5°	175.3	163.4	151.2	140.0	128.3	115.9	102.7	88.9	77.0	65.9	54.1
-80°	130.3	122.2	113.8	104.9	94.9	84.2	75.0	65.9	57.1	47.7	37.8
-82.5°	88.9	83.2	77.4	71.3	64.4	57.6	50.9	44.4	37.1	29.4	24.2
-85°	50.6	46.9	43.1	39.1	34.9	30.8	28.4	26.0	22.5	19.3	16.2
-87.5°	20.8	19.8	18.7	17.7	16.5	15.4	14.2	13.0	11.3	9.7	8.1
-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):**

	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°	6.6	5.6	4.5	3.4	2.2	1.1	0.0
85°	13.3	11.1	8.9	6.7	4.5	2.2	0.0
82.5°	19.9	16.6	13.4	10.0	6.7	3.4	0.0
80°	27.4	22.1	17.8	13.4	8.9	4.5	0.0
77.5°	41.8	29.9	22.1	16.6	11.1	5.6	0.0
75°	56.1	41.8	27.4	19.9	13.3	6.6	0.0
72.5°	70.2	53.6	36.9	23.1	15.4	7.7	0.0
70°	84.4	65.2	46.2	27.0	17.6	8.8	0.0
67.5°	100.4	76.7	55.4	33.9	19.6	9.8	0.0
65°	116.1	88.7	64.4	40.7	21.7	10.9	0.0
62.5°	131.5	101.4	73.2	47.3	23.7	11.9	0.0
60°	146.4	113.7	81.9	53.8	25.7	12.8	0.0
57.5°	161.3	125.6	91.3	60.1	29.8	13.8	0.0
55°	176.0	137.2	100.4	66.3	33.8	14.7	0.0
52.5°	190.3	148.5	109.3	72.3	37.7	15.6	0.0
50°	204.3	160.2	117.8	78.1	41.5	16.5	0.0
47.5°	218.0	171.5	126.0	83.8	45.0	17.4	0.0
45°	232.2	182.4	133.8	89.6	48.5	18.2	0.0
42.5°	245.8	192.9	141.2	95.2	51.7	18.9	0.0
40°	258.6	203.1	148.8	100.3	54.8	19.7	0.0
37.5°	270.8	212.7	156.4	105.1	57.7	20.4	0.0
35°	282.1	222.1	163.7	109.6	60.4	21.1	0.0
32.5°	292.7	231.0	170.6	113.8	62.9	21.7	0.0
30°	302.5	239.3	177.0	117.8	65.2	22.3	0.0
27.5°	311.5	246.9	182.7	121.4	67.3	22.8	0.0
25°	319.7	253.8	187.9	124.6	69.2	23.3	0.0
22.5°	327.0	260.0	192.6	127.6	70.9	23.7	0.0
20°	333.5	265.2	196.8	130.2	72.5	24.1	0.0
17.5°	339.4	269.8	200.4	132.5	73.8	24.5	0.0
15°	344.6	273.7	203.6	134.5	74.8	24.8	0.0
12.5°	349.2	276.9	206.1	136.1	75.7	25.1	0.0
10°	353.0	279.5	208.2	137.3	76.4	25.3	0.0
7.5°	356.0	281.4	209.7	138.2	76.9	25.5	0.0
5°	358.1	282.5	210.6	138.8	77.2	25.6	0.0
2.5°	359.5	283.0	211.0	139.0	77.2	25.7	0.0
0°	359.9	282.8	210.8	138.8	77.1	25.7	0.0
-2.5°	359.5	283.0	211.0	139.0	77.2	25.7	0.0
-5°	358.1	282.5	210.6	138.8	77.2	25.6	0.0
-7.5°	356.0	281.4	209.7	138.2	76.9	25.5	0.0
-10°	353.0	279.5	208.2	137.3	76.4	25.3	0.0
-12.5°	349.2	276.9	206.1	136.1	75.7	25.1	0.0
-15°	344.6	273.7	203.6	134.5	74.8	24.8	0.0
-17.5°	339.4	269.8	200.4	132.5	73.8	24.5	0.0
-20°	333.5	265.2	196.8	130.2	72.5	24.1	0.0

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CATALOG NUMBER: GFLD-SA3E-750-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	327.0	260.0	192.6	127.6	70.9	23.7	0.0
-25°	319.7	253.8	187.9	124.6	69.2	23.3	0.0
-27.5°	311.5	246.9	182.7	121.4	67.3	22.8	0.0
-30°	302.5	239.3	177.0	117.8	65.2	22.3	0.0
-32.5°	292.7	231.0	170.6	113.8	62.9	21.7	0.0
-35°	282.1	222.1	163.7	109.6	60.4	21.1	0.0
-37.5°	270.8	212.7	156.4	105.1	57.7	20.4	0.0
-40°	258.6	203.1	148.8	100.3	54.8	19.7	0.0
-42.5°	245.8	192.9	141.2	95.2	51.7	18.9	0.0
-45°	232.2	182.4	133.8	89.6	48.5	18.2	0.0
-47.5°	218.0	171.5	126.0	83.8	45.0	17.4	0.0
-50°	204.3	160.2	117.8	78.1	41.5	16.5	0.0
-52.5°	190.3	148.5	109.3	72.3	37.7	15.6	0.0
-55°	176.0	137.2	100.4	66.3	33.8	14.7	0.0
-57.5°	161.3	125.6	91.3	60.1	29.8	13.8	0.0
-60°	146.4	113.7	81.9	53.8	25.7	12.8	0.0
-62.5°	131.5	101.4	73.2	47.3	23.7	11.9	0.0
-65°	116.1	88.7	64.4	40.7	21.7	10.9	0.0
-67.5°	100.4	76.7	55.4	33.9	19.6	9.8	0.0
-70°	84.4	65.2	46.2	27.0	17.6	8.8	0.0
-72.5°	70.2	53.6	36.9	23.1	15.4	7.7	0.0
-75°	56.1	41.8	27.4	19.9	13.3	6.6	0.0
-77.5°	41.8	29.9	22.1	16.6	11.1	5.6	0.0
-80°	27.4	22.1	17.8	13.4	8.9	4.5	0.0
-82.5°	19.9	16.6	13.4	10.0	6.7	3.4	0.0
-85°	13.3	11.1	8.9	6.7	4.5	2.2	0.0
-87.5°	6.6	5.6	4.5	3.4	2.2	1.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)