

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



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P645306 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA1A-750-U-LAM-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645306 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-21)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/4/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1A-750-U-LAM-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, LAMBERTIAN
Light Source: (16) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2970.5 lumens
Efficiency: N/A
Efficacy: 164.1 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 7H x 7V
Max Intensity: 971 candela
Max Intensity Angle: -22.5°H x 0°V

Beam Angle (50%): 117.8°H x 112°V
Beam Lumens: 2472.1 lumens
Beam Efficiency: 83.2%

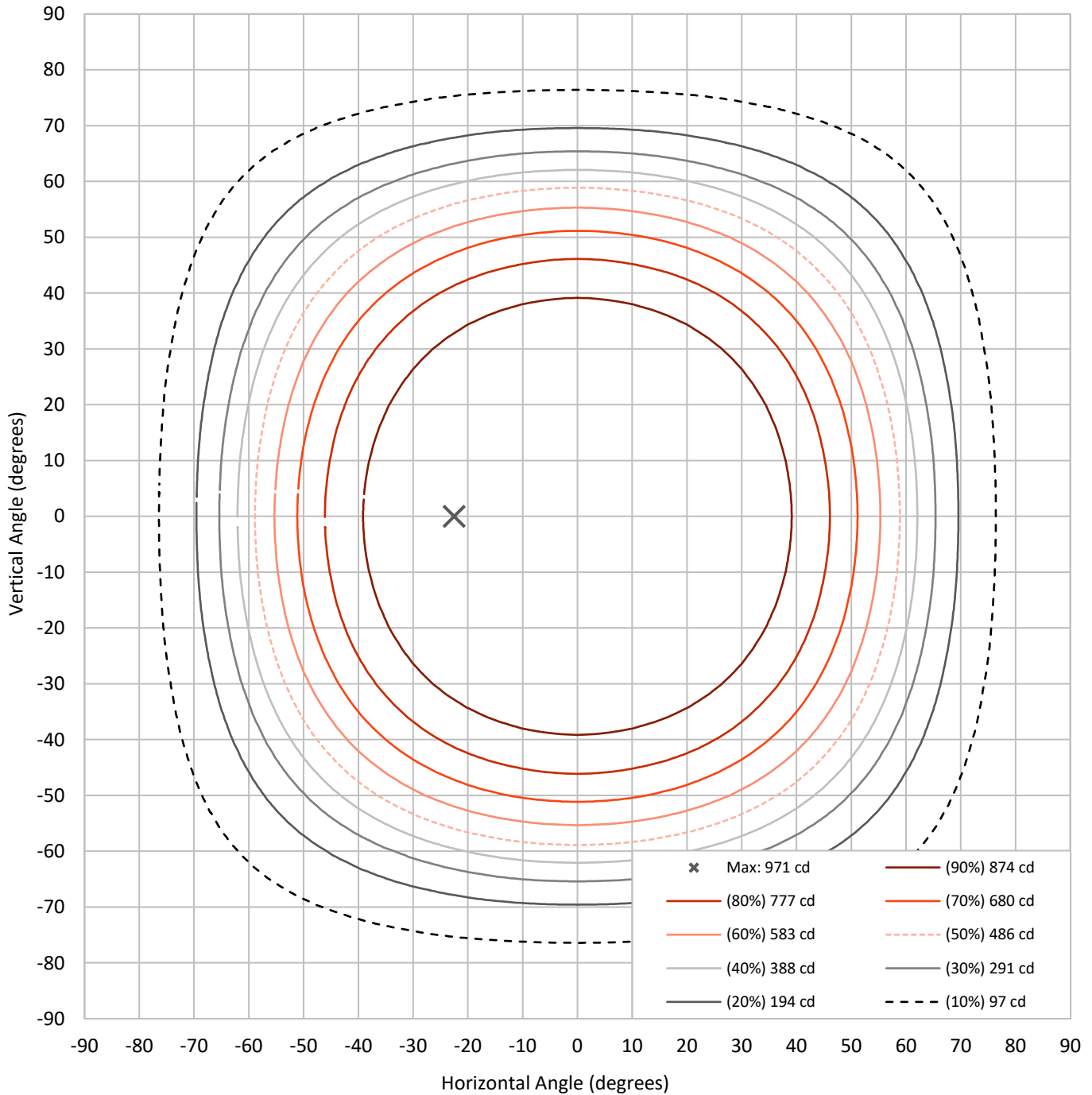
Field Angle (10%): 152.8°H x 150.5°V
Field Lumens: 2912 lumens
Field Efficiency: 98.0%

Input Watts (W): 18.1
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



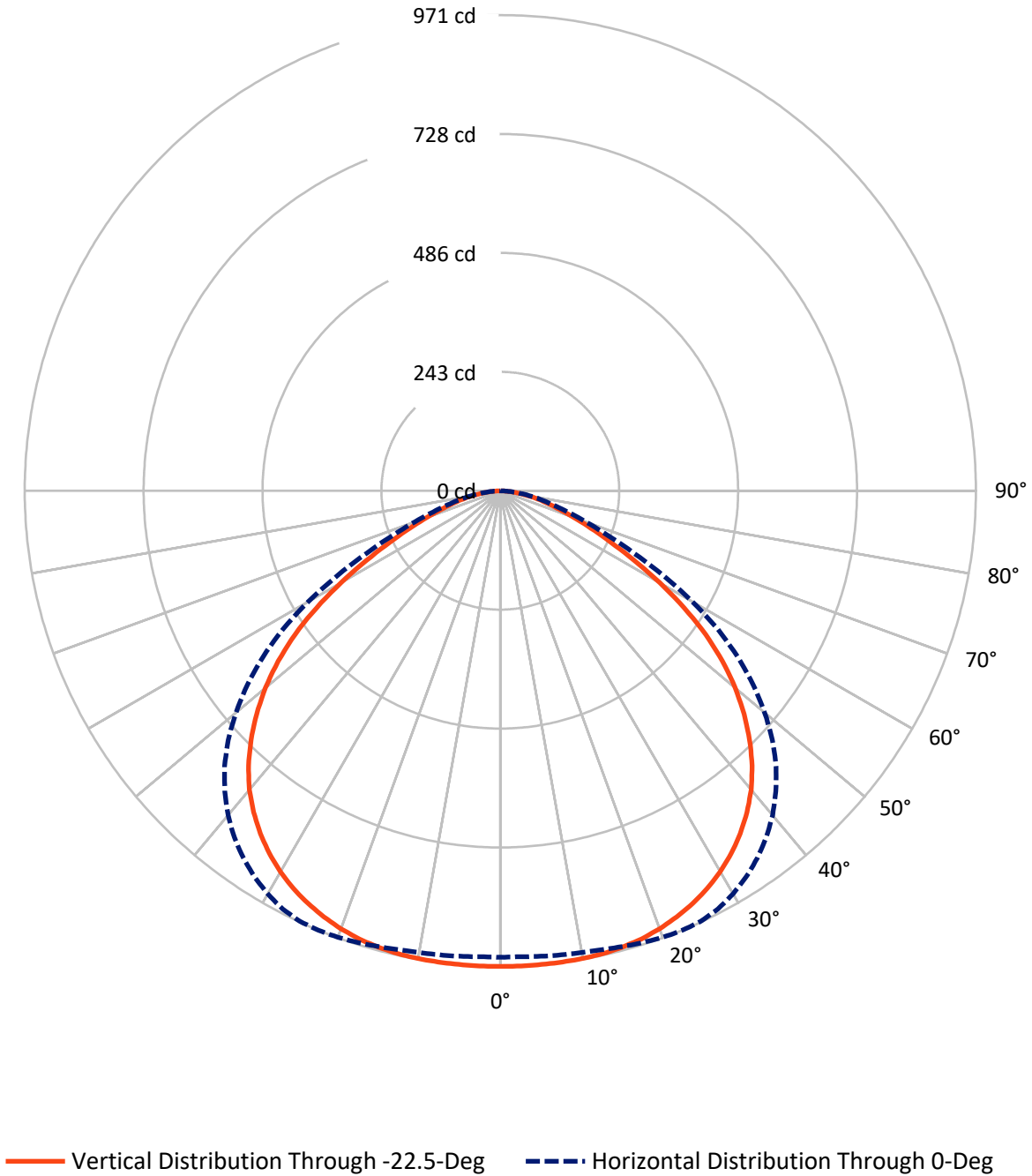
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Iso-Candela Plot



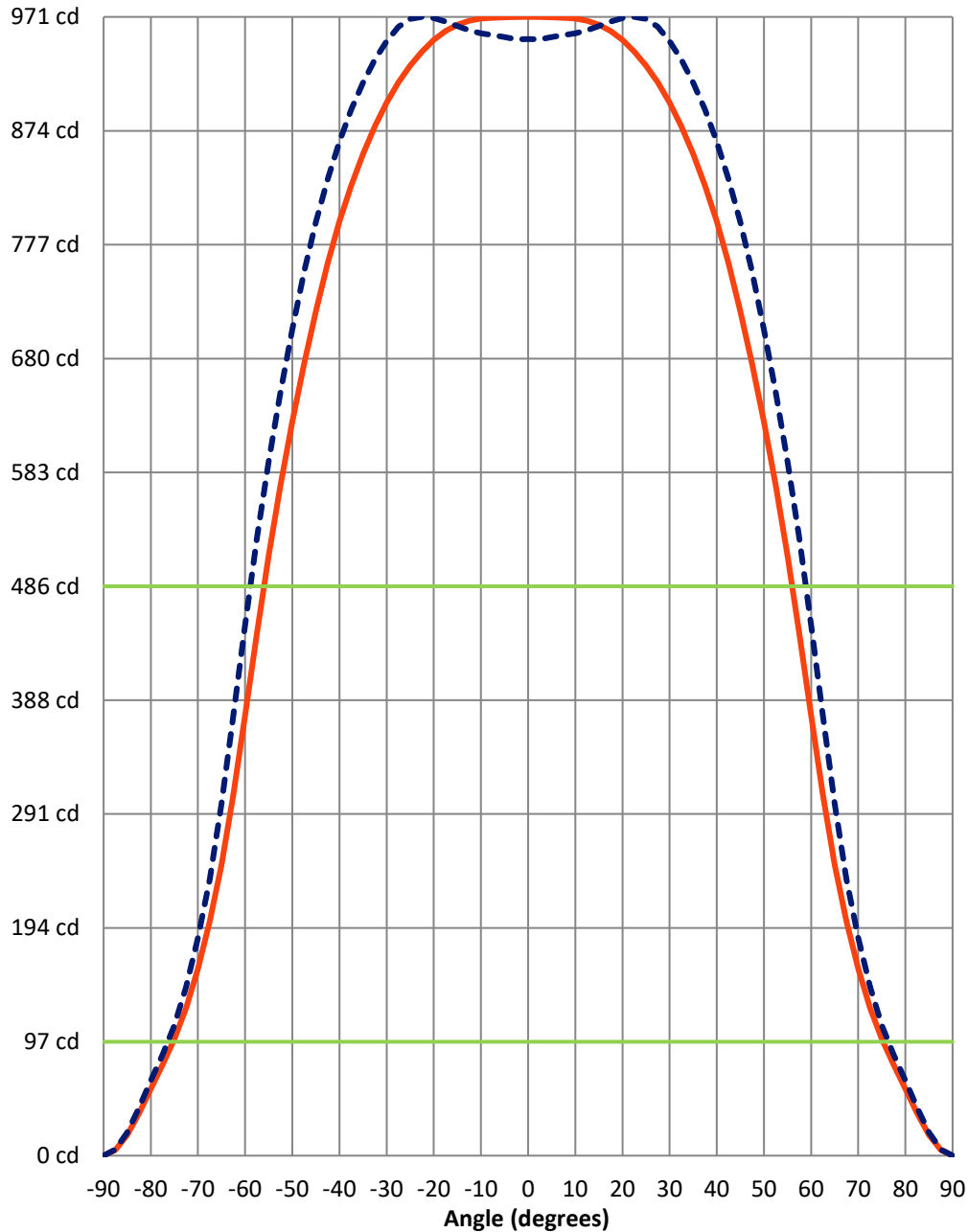
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 117.8°
 V Angle: 112°
 Lumens: 2472.1
 Efficiency: 83.2%

Field:
 H Angle: 152.8°
 V Angle: 150.5°
 Lumens: 2912
 Efficiency: 98.0%

Spill:
 Lumens: 58.4
 Efficiency: 2.0%

— Vertical Distribution through -22.5-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	0.2	0.5	0.7	0.9	1.1	1.4	1.6	1.8	2.0	2.2
85°	0.0	0.5	0.9	1.4	1.8	2.3	2.7	3.2	3.6	4.1	4.5
82.5°	0.0	0.7	1.4	2.1	2.8	3.4	4.1	4.8	5.6	7.4	9.1
80°	0.0	0.9	1.8	2.8	3.7	4.6	5.7	8.2	10.5	12.9	15.2
77.5°	0.0	1.1	2.3	3.4	4.6	6.4	9.4	12.4	15.4	18.4	21.9
75°	0.0	1.4	2.7	4.1	5.7	9.4	13.1	16.7	20.5	25.5	30.5
72.5°	0.0	1.6	3.2	4.8	8.2	12.4	16.7	21.4	27.4	33.3	39.1
70°	0.0	1.8	3.6	5.6	10.5	15.4	20.5	27.4	34.2	41.0	48.3
67.5°	0.0	2.0	4.1	7.4	12.9	18.4	25.5	33.3	41.0	49.3	57.6
65°	0.0	2.2	4.5	9.1	15.2	21.9	30.5	39.1	48.3	57.6	66.6
62.5°	0.0	2.4	4.9	10.8	17.5	26.0	35.5	45.3	55.5	65.6	75.1
60°	0.0	2.6	5.3	12.5	19.7	30.0	40.3	51.4	62.6	73.1	83.4
57.5°	0.0	2.8	6.4	14.1	22.8	33.9	45.4	57.5	69.2	80.5	92.3
55°	0.0	3.0	7.4	15.7	25.8	37.7	50.4	63.4	75.6	87.9	101.4
52.5°	0.0	3.2	8.4	17.2	28.8	41.5	55.3	68.8	81.8	95.8	110.2
50°	0.0	3.4	9.4	18.7	31.6	45.4	60.1	74.1	88.1	103.5	121.2
47.5°	0.0	3.6	10.4	20.3	34.4	49.2	64.6	79.2	94.7	110.9	132.1
45°	0.0	3.7	11.3	22.3	37.0	52.9	68.8	84.1	101.1	120.3	142.6
42.5°	0.0	3.9	12.2	24.2	39.6	56.4	72.8	89.2	107.2	129.4	155.0
40°	0.0	4.1	13.0	26.0	42.1	59.8	76.7	94.3	113.6	138.1	167.2
37.5°	0.0	4.2	13.8	27.7	44.7	63.0	80.3	99.1	120.9	147.0	178.9
35°	0.0	4.3	14.5	29.4	47.1	65.9	83.8	103.7	127.9	156.9	190.8
32.5°	0.0	4.5	15.2	30.9	49.4	68.6	87.2	108.0	134.4	166.2	203.3
30°	0.0	4.6	15.9	32.3	51.5	71.1	90.6	112.4	140.5	175.0	215.0
27.5°	0.0	4.7	16.5	33.6	53.4	73.4	93.8	117.3	146.8	183.1	225.9
25°	0.0	4.8	17.1	34.9	55.2	75.6	96.8	121.9	153.4	191.6	236.1
22.5°	0.0	4.9	17.6	36.0	56.9	77.6	99.4	126.0	159.4	199.8	248.1
20°	0.0	5.0	18.0	37.0	58.4	79.3	101.9	129.8	164.9	207.2	258.8
17.5°	0.0	5.1	18.5	37.9	59.7	80.9	104.0	133.1	169.7	213.8	268.4
15°	0.0	5.1	18.8	38.6	60.8	82.3	105.9	136.0	173.9	219.5	276.8
12.5°	0.0	5.2	19.1	39.3	61.8	83.4	107.5	138.5	177.5	224.4	283.9
10°	0.0	5.2	19.4	39.8	62.6	84.4	108.8	140.5	180.4	228.4	289.7
7.5°	0.0	5.3	19.6	40.3	63.2	85.1	109.8	142.1	182.7	231.6	294.3
5°	0.0	5.3	19.7	40.6	63.6	85.7	110.5	143.2	184.4	233.8	297.6
2.5°	0.0	5.3	19.8	40.7	63.9	86.0	111.0	143.9	185.4	235.1	299.5
0°	0.0	5.3	19.8	40.8	64.0	86.1	111.1	144.1	185.7	235.6	300.2
-2.5°	0.0	5.3	19.8	40.7	63.9	86.0	111.0	143.9	185.4	235.1	299.5
-5°	0.0	5.3	19.7	40.6	63.6	85.7	110.5	143.2	184.4	233.8	297.6
-7.5°	0.0	5.3	19.6	40.3	63.2	85.1	109.8	142.1	182.7	231.6	294.3
-10°	0.0	5.2	19.4	39.8	62.6	84.4	108.8	140.5	180.4	228.4	289.7
-12.5°	0.0	5.2	19.1	39.3	61.8	83.4	107.5	138.5	177.5	224.4	283.9
-15°	0.0	5.1	18.8	38.6	60.8	82.3	105.9	136.0	173.9	219.5	276.8
-17.5°	0.0	5.1	18.5	37.9	59.7	80.9	104.0	133.1	169.7	213.8	268.4
-20°	0.0	5.0	18.0	37.0	58.4	79.3	101.9	129.8	164.9	207.2	258.8

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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	4.9	17.6	36.0	56.9	77.6	99.4	126.0	159.4	199.8	248.1
-25°	0.0	4.8	17.1	34.9	55.2	75.6	96.8	121.9	153.4	191.6	236.1
-27.5°	0.0	4.7	16.5	33.6	53.4	73.4	93.8	117.3	146.8	183.1	225.9
-30°	0.0	4.6	15.9	32.3	51.5	71.1	90.6	112.4	140.5	175.0	215.0
-32.5°	0.0	4.5	15.2	30.9	49.4	68.6	87.2	108.0	134.4	166.2	203.3
-35°	0.0	4.3	14.5	29.4	47.1	65.9	83.8	103.7	127.9	156.9	190.8
-37.5°	0.0	4.2	13.8	27.7	44.7	63.0	80.3	99.1	120.9	147.0	178.9
-40°	0.0	4.1	13.0	26.0	42.1	59.8	76.7	94.3	113.6	138.1	167.2
-42.5°	0.0	3.9	12.2	24.2	39.6	56.4	72.8	89.2	107.2	129.4	155.0
-45°	0.0	3.7	11.3	22.3	37.0	52.9	68.8	84.1	101.1	120.3	142.6
-47.5°	0.0	3.6	10.4	20.3	34.4	49.2	64.6	79.2	94.7	110.9	132.1
-50°	0.0	3.4	9.4	18.7	31.6	45.4	60.1	74.1	88.1	103.5	121.2
-52.5°	0.0	3.2	8.4	17.2	28.8	41.5	55.3	68.8	81.8	95.8	110.2
-55°	0.0	3.0	7.4	15.7	25.8	37.7	50.4	63.4	75.6	87.9	101.4
-57.5°	0.0	2.8	6.4	14.1	22.8	33.9	45.4	57.5	69.2	80.5	92.3
-60°	0.0	2.6	5.3	12.5	19.7	30.0	40.3	51.4	62.6	73.1	83.4
-62.5°	0.0	2.4	4.9	10.8	17.5	26.0	35.5	45.3	55.5	65.6	75.1
-65°	0.0	2.2	4.5	9.1	15.2	21.9	30.5	39.1	48.3	57.6	66.6
-67.5°	0.0	2.0	4.1	7.4	12.9	18.4	25.5	33.3	41.0	49.3	57.6
-70°	0.0	1.8	3.6	5.6	10.5	15.4	20.5	27.4	34.2	41.0	48.3
-72.5°	0.0	1.6	3.2	4.8	8.2	12.4	16.7	21.4	27.4	33.3	39.1
-75°	0.0	1.4	2.7	4.1	5.7	9.4	13.1	16.7	20.5	25.5	30.5
-77.5°	0.0	1.1	2.3	3.4	4.6	6.4	9.4	12.4	15.4	18.4	21.9
-80°	0.0	0.9	1.8	2.8	3.7	4.6	5.7	8.2	10.5	12.9	15.2
-82.5°	0.0	0.7	1.4	2.1	2.8	3.4	4.1	4.8	5.6	7.4	9.1
-85°	0.0	0.5	0.9	1.4	1.8	2.3	2.7	3.2	3.6	4.1	4.5
-87.5°	0.0	0.2	0.5	0.7	0.9	1.1	1.4	1.6	1.8	2.0	2.2
-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: P645306 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-750-U-LAM-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°	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.7	3.9	4.1	4.2
85°	4.9	5.3	6.4	7.4	8.4	9.4	10.4	11.3	12.2	13.0	13.8
82.5°	10.8	12.5	14.1	15.7	17.2	18.7	20.3	22.3	24.2	26.0	27.7
80°	17.5	19.7	22.8	25.8	28.8	31.6	34.4	37.0	39.6	42.1	44.7
77.5°	26.0	30.0	33.9	37.7	41.5	45.4	49.2	52.9	56.4	59.8	63.0
75°	35.5	40.3	45.4	50.4	55.3	60.1	64.6	68.8	72.8	76.7	80.3
72.5°	45.3	51.4	57.5	63.4	68.8	74.1	79.2	84.1	89.2	94.3	99.1
70°	55.5	62.6	69.2	75.6	81.8	88.1	94.7	101.1	107.2	113.6	120.9
67.5°	65.6	73.1	80.5	87.9	95.8	103.5	110.9	120.3	129.4	138.1	147.0
65°	75.1	83.4	92.3	101.4	110.2	121.2	132.1	142.6	155.0	167.2	178.9
62.5°	84.4	94.6	104.7	115.8	128.6	141.0	155.4	170.0	184.1	200.0	215.4
60°	94.6	105.9	118.8	133.1	147.8	164.9	181.4	199.8	218.3	236.1	258.1
57.5°	104.7	118.8	134.6	151.6	170.6	189.8	211.3	232.2	257.2	282.2	307.1
55°	115.8	133.1	151.6	172.5	194.4	218.3	243.3	272.5	300.7	332.1	362.2
52.5°	128.6	147.8	170.6	194.4	220.7	249.4	281.7	315.1	350.3	384.4	417.9
50°	141.0	164.9	189.8	218.3	249.4	284.8	322.3	361.2	399.6	437.1	472.1
47.5°	155.4	181.4	211.3	243.3	281.7	322.3	364.9	407.3	448.7	487.1	523.9
45°	170.0	199.8	232.2	272.5	315.1	361.2	407.3	452.6	494.6	534.3	569.0
42.5°	184.1	218.3	257.2	300.7	350.3	399.6	448.7	494.6	537.7	576.0	610.8
40°	200.0	236.1	282.2	332.1	384.4	437.1	487.1	534.3	576.0	614.0	649.3
37.5°	215.4	258.1	307.1	362.2	417.9	472.1	523.9	569.0	610.8	649.3	683.2
35°	230.1	279.0	333.6	391.4	449.9	505.0	555.4	601.4	642.8	680.2	714.9
32.5°	246.4	298.7	358.6	419.5	479.0	535.1	585.1	630.0	671.3	709.2	743.6
30°	263.3	320.0	382.3	445.9	506.3	561.2	611.1	656.6	697.6	735.1	768.8
27.5°	279.0	340.0	405.0	469.8	531.3	585.7	634.9	679.7	720.9	758.7	791.3
25°	293.5	358.6	426.0	491.7	552.3	606.9	656.5	701.3	742.3	778.5	810.2
22.5°	307.8	375.6	445.2	511.7	571.7	625.8	674.9	719.9	760.9	796.7	827.2
20°	321.7	391.4	462.2	529.5	589.2	642.9	691.8	736.6	776.5	811.2	841.5
17.5°	334.0	405.6	477.0	543.9	603.6	657.6	706.7	751.7	790.6	824.3	853.9
15°	344.8	417.9	490.0	556.5	616.0	669.8	718.8	763.4	802.0	835.4	864.9
12.5°	354.1	428.4	501.0	567.2	626.6	680.3	729.3	773.2	811.2	844.2	873.0
10°	361.6	437.1	510.2	576.1	635.3	688.9	737.9	781.3	818.8	851.4	879.7
7.5°	367.6	443.9	517.3	583.0	642.1	695.6	744.7	787.7	824.7	857.1	885.0
5°	371.8	448.7	522.4	588.0	647.1	700.5	749.6	792.3	829.0	861.3	888.9
2.5°	374.3	451.6	525.5	591.0	650.0	703.4	752.5	795.1	831.6	863.8	891.2
0°	375.2	452.6	526.5	592.0	651.0	704.4	753.5	796.0	832.5	864.6	892.0
-2.5°	374.3	451.6	525.5	591.0	650.0	703.4	752.5	795.1	831.6	863.8	891.2
-5°	371.8	448.7	522.4	588.0	647.1	700.5	749.6	792.3	829.0	861.3	888.9
-7.5°	367.6	443.9	517.3	583.0	642.1	695.6	744.7	787.7	824.7	857.1	885.0
-10°	361.6	437.1	510.2	576.1	635.3	688.9	737.9	781.3	818.8	851.4	879.7
-12.5°	354.1	428.4	501.0	567.2	626.6	680.3	729.3	773.2	811.2	844.2	873.0
-15°	344.8	417.9	490.0	556.5	616.0	669.8	718.8	763.4	802.0	835.4	864.9
-17.5°	334.0	405.6	477.0	543.9	603.6	657.6	706.7	751.7	790.6	824.3	853.9
-20°	321.7	391.4	462.2	529.5	589.2	642.9	691.8	736.6	776.5	811.2	841.5



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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°	307.8	375.6	445.2	511.7	571.7	625.8	674.9	719.9	760.9	796.7	827.2
-25°	293.5	358.6	426.0	491.7	552.3	606.9	656.5	701.3	742.3	778.5	810.2
-27.5°	279.0	340.0	405.0	469.8	531.3	585.7	634.9	679.7	720.9	758.7	791.3
-30°	263.3	320.0	382.3	445.9	506.3	561.2	611.1	656.6	697.6	735.1	768.8
-32.5°	246.4	298.7	358.6	419.5	479.0	535.1	585.1	630.0	671.3	709.2	743.6
-35°	230.1	279.0	333.6	391.4	449.9	505.0	555.4	601.4	642.8	680.2	714.9
-37.5°	215.4	258.1	307.1	362.2	417.9	472.1	523.9	569.0	610.8	649.3	683.2
-40°	200.0	236.1	282.2	332.1	384.4	437.1	487.1	534.3	576.0	614.0	649.3
-42.5°	184.1	218.3	257.2	300.7	350.3	399.6	448.7	494.6	537.7	576.0	610.8
-45°	170.0	199.8	232.2	272.5	315.1	361.2	407.3	452.6	494.6	534.3	569.0
-47.5°	155.4	181.4	211.3	243.3	281.7	322.3	364.9	407.3	448.7	487.1	523.9
-50°	141.0	164.9	189.8	218.3	249.4	284.8	322.3	361.2	399.6	437.1	472.1
-52.5°	128.6	147.8	170.6	194.4	220.7	249.4	281.7	315.1	350.3	384.4	417.9
-55°	115.8	133.1	151.6	172.5	194.4	218.3	243.3	272.5	300.7	332.1	362.2
-57.5°	104.7	118.8	134.6	151.6	170.6	189.8	211.3	232.2	257.2	282.2	307.1
-60°	94.6	105.9	118.8	133.1	147.8	164.9	181.4	199.8	218.3	236.1	258.1
-62.5°	84.4	94.6	104.7	115.8	128.6	141.0	155.4	170.0	184.1	200.0	215.4
-65°	75.1	83.4	92.3	101.4	110.2	121.2	132.1	142.6	155.0	167.2	178.9
-67.5°	65.6	73.1	80.5	87.9	95.8	103.5	110.9	120.3	129.4	138.1	147.0
-70°	55.5	62.6	69.2	75.6	81.8	88.1	94.7	101.1	107.2	113.6	120.9
-72.5°	45.3	51.4	57.5	63.4	68.8	74.1	79.2	84.1	89.2	94.3	99.1
-75°	35.5	40.3	45.4	50.4	55.3	60.1	64.6	68.8	72.8	76.7	80.3
-77.5°	26.0	30.0	33.9	37.7	41.5	45.4	49.2	52.9	56.4	59.8	63.0
-80°	17.5	19.7	22.8	25.8	28.8	31.6	34.4	37.0	39.6	42.1	44.7
-82.5°	10.8	12.5	14.1	15.7	17.2	18.7	20.3	22.3	24.2	26.0	27.7
-85°	4.9	5.3	6.4	7.4	8.4	9.4	10.4	11.3	12.2	13.0	13.8
-87.5°	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.7	3.9	4.1	4.2
-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: P645306 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-750-U-LAM-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°	4.3	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.1	5.2	5.2
85°	14.5	15.2	15.9	16.5	17.1	17.6	18.0	18.5	18.8	19.1	19.4
82.5°	29.4	30.9	32.3	33.6	34.9	36.0	37.0	37.9	38.6	39.3	39.8
80°	47.1	49.4	51.5	53.4	55.2	56.9	58.4	59.7	60.8	61.8	62.6
77.5°	65.9	68.6	71.1	73.4	75.6	77.6	79.3	80.9	82.3	83.4	84.4
75°	83.8	87.2	90.6	93.8	96.8	99.4	101.9	104.0	105.9	107.5	108.8
72.5°	103.7	108.0	112.4	117.3	121.9	126.0	129.8	133.1	136.0	138.5	140.5
70°	127.9	134.4	140.5	146.8	153.4	159.4	164.9	169.7	173.9	177.5	180.4
67.5°	156.9	166.2	175.0	183.1	191.6	199.8	207.2	213.8	219.5	224.4	228.4
65°	190.8	203.3	215.0	225.9	236.1	248.1	258.8	268.4	276.8	283.9	289.7
62.5°	230.1	246.4	263.3	279.0	293.5	307.8	321.7	334.0	344.8	354.1	361.6
60°	279.0	298.7	320.0	340.0	358.6	375.6	391.4	405.6	417.9	428.4	437.1
57.5°	333.6	358.6	382.3	405.0	426.0	445.2	462.2	477.0	490.0	501.0	510.2
55°	391.4	419.5	445.9	469.8	491.7	511.7	529.5	543.9	556.5	567.2	576.1
52.5°	449.9	479.0	506.3	531.3	552.3	571.7	589.2	603.6	616.0	626.6	635.3
50°	505.0	535.1	561.2	585.7	606.9	625.8	642.9	657.6	669.8	680.3	688.9
47.5°	555.4	585.1	611.1	634.9	656.5	674.9	691.8	706.7	718.8	729.3	737.9
45°	601.4	630.0	656.6	679.7	701.3	719.9	736.6	751.7	763.4	773.2	781.3
42.5°	642.8	671.3	697.6	720.9	742.3	760.9	776.5	790.6	802.0	811.2	818.8
40°	680.2	709.2	735.1	758.7	778.5	796.7	811.2	824.3	835.4	844.2	851.4
37.5°	714.9	743.6	768.8	791.3	810.2	827.2	841.5	853.9	864.9	873.0	879.7
35°	746.5	773.9	798.7	819.4	838.1	854.1	868.2	879.7	889.8	897.5	903.7
32.5°	773.9	801.0	824.0	844.4	862.7	877.6	891.2	901.6	910.8	918.2	924.0
30°	798.7	824.0	846.5	866.7	883.3	897.9	910.0	920.3	928.8	935.9	940.9
27.5°	819.4	844.4	866.7	885.3	901.2	915.2	926.4	936.2	943.7	950.2	954.5
25°	838.1	862.7	883.3	901.2	916.7	929.5	940.1	949.0	955.6	961.2	964.4
22.5°	854.1	877.6	897.9	915.2	929.5	941.4	951.4	958.9	964.3	967.7	969.6
20°	868.2	891.2	910.0	926.4	940.1	951.4	960.1	965.7	969.4	970.4	970.9
17.5°	879.7	901.6	920.3	936.2	949.0	958.9	965.7	969.6	970.7	970.6	970.0
15°	889.8	910.8	928.8	943.7	955.6	964.3	969.4	970.7	970.4	969.3	967.6
12.5°	897.5	918.2	935.9	950.2	961.2	967.7	970.4	970.6	969.3	967.1	964.7
10°	903.7	924.0	940.9	954.5	964.4	969.6	970.9	970.0	967.6	964.7	961.9
7.5°	908.5	928.5	944.9	957.9	966.5	970.2	970.5	968.8	965.8	962.5	959.6
5°	912.1	931.8	947.8	960.5	968.0	970.6	970.2	967.8	964.4	961.0	958.2
2.5°	914.2	933.8	949.6	962.0	969.0	970.9	970.1	967.2	963.5	960.0	957.3
0°	914.9	934.5	950.2	962.5	969.3	971.0	970.0	967.0	963.2	959.6	957.0
-2.5°	914.2	933.8	949.6	962.0	969.0	970.9	970.1	967.2	963.5	960.0	957.3
-5°	912.1	931.8	947.8	960.5	968.0	970.6	970.2	967.8	964.4	961.0	958.2
-7.5°	908.5	928.5	944.9	957.9	966.5	970.2	970.5	968.8	965.8	962.5	959.6
-10°	903.7	924.0	940.9	954.5	964.4	969.6	970.9	970.0	967.6	964.7	961.9
-12.5°	897.5	918.2	935.9	950.2	961.2	967.7	970.4	970.6	969.3	967.1	964.7
-15°	889.8	910.8	928.8	943.7	955.6	964.3	969.4	970.7	970.4	969.3	967.6
-17.5°	879.7	901.6	920.3	936.2	949.0	958.9	965.7	969.6	970.7	970.6	970.0
-20°	868.2	891.2	910.0	926.4	940.1	951.4	960.1	965.7	969.4	970.4	970.9

Classified

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

Scaled Data Report



REPORT NUMBER: P645306 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1A-750-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	854.1	877.6	897.9	915.2	929.5	941.4	951.4	958.9	964.3	967.7	969.6
-25°	838.1	862.7	883.3	901.2	916.7	929.5	940.1	949.0	955.6	961.2	964.4
-27.5°	819.4	844.4	866.7	885.3	901.2	915.2	926.4	936.2	943.7	950.2	954.5
-30°	798.7	824.0	846.5	866.7	883.3	897.9	910.0	920.3	928.8	935.9	940.9
-32.5°	773.9	801.0	824.0	844.4	862.7	877.6	891.2	901.6	910.8	918.2	924.0
-35°	746.5	773.9	798.7	819.4	838.1	854.1	868.2	879.7	889.8	897.5	903.7
-37.5°	714.9	743.6	768.8	791.3	810.2	827.2	841.5	853.9	864.9	873.0	879.7
-40°	680.2	709.2	735.1	758.7	778.5	796.7	811.2	824.3	835.4	844.2	851.4
-42.5°	642.8	671.3	697.6	720.9	742.3	760.9	776.5	790.6	802.0	811.2	818.8
-45°	601.4	630.0	656.6	679.7	701.3	719.9	736.6	751.7	763.4	773.2	781.3
-47.5°	555.4	585.1	611.1	634.9	656.5	674.9	691.8	706.7	718.8	729.3	737.9
-50°	505.0	535.1	561.2	585.7	606.9	625.8	642.9	657.6	669.8	680.3	688.9
-52.5°	449.9	479.0	506.3	531.3	552.3	571.7	589.2	603.6	616.0	626.6	635.3
-55°	391.4	419.5	445.9	469.8	491.7	511.7	529.5	543.9	556.5	567.2	576.1
-57.5°	333.6	358.6	382.3	405.0	426.0	445.2	462.2	477.0	490.0	501.0	510.2
-60°	279.0	298.7	320.0	340.0	358.6	375.6	391.4	405.6	417.9	428.4	437.1
-62.5°	230.1	246.4	263.3	279.0	293.5	307.8	321.7	334.0	344.8	354.1	361.6
-65°	190.8	203.3	215.0	225.9	236.1	248.1	258.8	268.4	276.8	283.9	289.7
-67.5°	156.9	166.2	175.0	183.1	191.6	199.8	207.2	213.8	219.5	224.4	228.4
-70°	127.9	134.4	140.5	146.8	153.4	159.4	164.9	169.7	173.9	177.5	180.4
-72.5°	103.7	108.0	112.4	117.3	121.9	126.0	129.8	133.1	136.0	138.5	140.5
-75°	83.8	87.2	90.6	93.8	96.8	99.4	101.9	104.0	105.9	107.5	108.8
-77.5°	65.9	68.6	71.1	73.4	75.6	77.6	79.3	80.9	82.3	83.4	84.4
-80°	47.1	49.4	51.5	53.4	55.2	56.9	58.4	59.7	60.8	61.8	62.6
-82.5°	29.4	30.9	32.3	33.6	34.9	36.0	37.0	37.9	38.6	39.3	39.8
-85°	14.5	15.2	15.9	16.5	17.1	17.6	18.0	18.5	18.8	19.1	19.4
-87.5°	4.3	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.1	5.2	5.2
-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: P645306 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-750-U-LAM-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°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.2	5.2	5.1	5.1
85°	19.6	19.7	19.8	19.8	19.8	19.7	19.6	19.4	19.1	18.8	18.5
82.5°	40.3	40.6	40.7	40.8	40.7	40.6	40.3	39.8	39.3	38.6	37.9
80°	63.2	63.6	63.9	64.0	63.9	63.6	63.2	62.6	61.8	60.8	59.7
77.5°	85.1	85.7	86.0	86.1	86.0	85.7	85.1	84.4	83.4	82.3	80.9
75°	109.8	110.5	111.0	111.1	111.0	110.5	109.8	108.8	107.5	105.9	104.0
72.5°	142.1	143.2	143.9	144.1	143.9	143.2	142.1	140.5	138.5	136.0	133.1
70°	182.7	184.4	185.4	185.7	185.4	184.4	182.7	180.4	177.5	173.9	169.7
67.5°	231.6	233.8	235.1	235.6	235.1	233.8	231.6	228.4	224.4	219.5	213.8
65°	294.3	297.6	299.5	300.2	299.5	297.6	294.3	289.7	283.9	276.8	268.4
62.5°	367.6	371.8	374.3	375.2	374.3	371.8	367.6	361.6	354.1	344.8	334.0
60°	443.9	448.7	451.6	452.6	451.6	448.7	443.9	437.1	428.4	417.9	405.6
57.5°	517.3	522.4	525.5	526.5	525.5	522.4	517.3	510.2	501.0	490.0	477.0
55°	583.0	588.0	591.0	592.0	591.0	588.0	583.0	576.1	567.2	556.5	543.9
52.5°	642.1	647.1	650.0	651.0	650.0	647.1	642.1	635.3	626.6	616.0	603.6
50°	695.6	700.5	703.4	704.4	703.4	700.5	695.6	688.9	680.3	669.8	657.6
47.5°	744.7	749.6	752.5	753.5	752.5	749.6	744.7	737.9	729.3	718.8	706.7
45°	787.7	792.3	795.1	796.0	795.1	792.3	787.7	781.3	773.2	763.4	751.7
42.5°	824.7	829.0	831.6	832.5	831.6	829.0	824.7	818.8	811.2	802.0	790.6
40°	857.1	861.3	863.8	864.6	863.8	861.3	857.1	851.4	844.2	835.4	824.3
37.5°	885.0	888.9	891.2	892.0	891.2	888.9	885.0	879.7	873.0	864.9	853.9
35°	908.5	912.1	914.2	914.9	914.2	912.1	908.5	903.7	897.5	889.8	879.7
32.5°	928.5	931.8	933.8	934.5	933.8	931.8	928.5	924.0	918.2	910.8	901.6
30°	944.9	947.8	949.6	950.2	949.6	947.8	944.9	940.9	935.9	928.8	920.3
27.5°	957.9	960.5	962.0	962.5	962.0	960.5	957.9	954.5	950.2	943.7	936.2
25°	966.5	968.0	969.0	969.3	969.0	968.0	966.5	964.4	961.2	955.6	949.0
22.5°	970.2	970.6	970.9	971.0	970.9	970.6	970.2	969.6	967.7	964.3	958.9
20°	970.5	970.2	970.1	970.0	970.1	970.2	970.5	970.9	970.4	969.4	965.7
17.5°	968.8	967.8	967.2	967.0	967.2	967.8	968.8	970.0	970.6	970.7	969.6
15°	965.8	964.4	963.5	963.2	963.5	964.4	965.8	967.6	969.3	970.4	970.7
12.5°	962.5	961.0	960.0	959.6	960.0	961.0	962.5	964.7	967.1	969.3	970.6
10°	959.6	958.2	957.3	957.0	957.3	958.2	959.6	961.9	964.7	967.6	970.0
7.5°	957.6	956.4	955.7	955.5	955.7	956.4	957.6	959.6	962.5	965.8	968.8
5°	956.4	955.2	954.2	953.8	954.2	955.2	956.4	958.2	961.0	964.4	967.8
2.5°	955.7	954.2	952.7	951.9	952.7	954.2	955.7	957.3	960.0	963.5	967.2
0°	955.5	953.8	951.9	952.1	951.9	953.8	955.5	957.0	959.6	963.2	967.0
-2.5°	955.7	954.2	952.7	951.9	952.7	954.2	955.7	957.3	960.0	963.5	967.2
-5°	956.4	955.2	954.2	953.8	954.2	955.2	956.4	958.2	961.0	964.4	967.8
-7.5°	957.6	956.4	955.7	955.5	955.7	956.4	957.6	959.6	962.5	965.8	968.8
-10°	959.6	958.2	957.3	957.0	957.3	958.2	959.6	961.9	964.7	967.6	970.0
-12.5°	962.5	961.0	960.0	959.6	960.0	961.0	962.5	964.7	967.1	969.3	970.6
-15°	965.8	964.4	963.5	963.2	963.5	964.4	965.8	967.6	969.3	970.4	970.7
-17.5°	968.8	967.8	967.2	967.0	967.2	967.8	968.8	970.0	970.6	970.7	969.6
-20°	970.5	970.2	970.1	970.0	970.1	970.2	970.5	970.9	970.4	969.4	965.7

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P645306 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1A-750-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	970.2	970.6	970.9	971.0	970.9	970.6	970.2	969.6	967.7	964.3	958.9
-25°	966.5	968.0	969.0	969.3	969.0	968.0	966.5	964.4	961.2	955.6	949.0
-27.5°	957.9	960.5	962.0	962.5	962.0	960.5	957.9	954.5	950.2	943.7	936.2
-30°	944.9	947.8	949.6	950.2	949.6	947.8	944.9	940.9	935.9	928.8	920.3
-32.5°	928.5	931.8	933.8	934.5	933.8	931.8	928.5	924.0	918.2	910.8	901.6
-35°	908.5	912.1	914.2	914.9	914.2	912.1	908.5	903.7	897.5	889.8	879.7
-37.5°	885.0	888.9	891.2	892.0	891.2	888.9	885.0	879.7	873.0	864.9	853.9
-40°	857.1	861.3	863.8	864.6	863.8	861.3	857.1	851.4	844.2	835.4	824.3
-42.5°	824.7	829.0	831.6	832.5	831.6	829.0	824.7	818.8	811.2	802.0	790.6
-45°	787.7	792.3	795.1	796.0	795.1	792.3	787.7	781.3	773.2	763.4	751.7
-47.5°	744.7	749.6	752.5	753.5	752.5	749.6	744.7	737.9	729.3	718.8	706.7
-50°	695.6	700.5	703.4	704.4	703.4	700.5	695.6	688.9	680.3	669.8	657.6
-52.5°	642.1	647.1	650.0	651.0	650.0	647.1	642.1	635.3	626.6	616.0	603.6
-55°	583.0	588.0	591.0	592.0	591.0	588.0	583.0	576.1	567.2	556.5	543.9
-57.5°	517.3	522.4	525.5	526.5	525.5	522.4	517.3	510.2	501.0	490.0	477.0
-60°	443.9	448.7	451.6	452.6	451.6	448.7	443.9	437.1	428.4	417.9	405.6
-62.5°	367.6	371.8	374.3	375.2	374.3	371.8	367.6	361.6	354.1	344.8	334.0
-65°	294.3	297.6	299.5	300.2	299.5	297.6	294.3	289.7	283.9	276.8	268.4
-67.5°	231.6	233.8	235.1	235.6	235.1	233.8	231.6	228.4	224.4	219.5	213.8
-70°	182.7	184.4	185.4	185.7	185.4	184.4	182.7	180.4	177.5	173.9	169.7
-72.5°	142.1	143.2	143.9	144.1	143.9	143.2	142.1	140.5	138.5	136.0	133.1
-75°	109.8	110.5	111.0	111.1	111.0	110.5	109.8	108.8	107.5	105.9	104.0
-77.5°	85.1	85.7	86.0	86.1	86.0	85.7	85.1	84.4	83.4	82.3	80.9
-80°	63.2	63.6	63.9	64.0	63.9	63.6	63.2	62.6	61.8	60.8	59.7
-82.5°	40.3	40.6	40.7	40.8	40.7	40.6	40.3	39.8	39.3	38.6	37.9
-85°	19.6	19.7	19.8	19.8	19.8	19.7	19.6	19.4	19.1	18.8	18.5
-87.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.2	5.2	5.1	5.1
-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: P645306 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-750-U-LAM-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°	5.0	4.9	4.8	4.7	4.6	4.5	4.3	4.2	4.1	3.9	3.7
85°	18.0	17.6	17.1	16.5	15.9	15.2	14.5	13.8	13.0	12.2	11.3
82.5°	37.0	36.0	34.9	33.6	32.3	30.9	29.4	27.7	26.0	24.2	22.3
80°	58.4	56.9	55.2	53.4	51.5	49.4	47.1	44.7	42.1	39.6	37.0
77.5°	79.3	77.6	75.6	73.4	71.1	68.6	65.9	63.0	59.8	56.4	52.9
75°	101.9	99.4	96.8	93.8	90.6	87.2	83.8	80.3	76.7	72.8	68.8
72.5°	129.8	126.0	121.9	117.3	112.4	108.0	103.7	99.1	94.3	89.2	84.1
70°	164.9	159.4	153.4	146.8	140.5	134.4	127.9	120.9	113.6	107.2	101.1
67.5°	207.2	199.8	191.6	183.1	175.0	166.2	156.9	147.0	138.1	129.4	120.3
65°	258.8	248.1	236.1	225.9	215.0	203.3	190.8	178.9	167.2	155.0	142.6
62.5°	321.7	307.8	293.5	279.0	263.3	246.4	230.1	215.4	200.0	184.1	170.0
60°	391.4	375.6	358.6	340.0	320.0	298.7	279.0	258.1	236.1	218.3	199.8
57.5°	462.2	445.2	426.0	405.0	382.3	358.6	333.6	307.1	282.2	257.2	232.2
55°	529.5	511.7	491.7	469.8	445.9	419.5	391.4	362.2	332.1	300.7	272.5
52.5°	589.2	571.7	552.3	531.3	506.3	479.0	449.9	417.9	384.4	350.3	315.1
50°	642.9	625.8	606.9	585.7	561.2	535.1	505.0	472.1	437.1	399.6	361.2
47.5°	691.8	674.9	656.5	634.9	611.1	585.1	555.4	523.9	487.1	448.7	407.3
45°	736.6	719.9	701.3	679.7	656.6	630.0	601.4	569.0	534.3	494.6	452.6
42.5°	776.5	760.9	742.3	720.9	697.6	671.3	642.8	610.8	576.0	537.7	494.6
40°	811.2	796.7	778.5	758.7	735.1	709.2	680.2	649.3	614.0	576.0	534.3
37.5°	841.5	827.2	810.2	791.3	768.8	743.6	714.9	683.2	649.3	610.8	569.0
35°	868.2	854.1	838.1	819.4	798.7	773.9	746.5	714.9	680.2	642.8	601.4
32.5°	891.2	877.6	862.7	844.4	824.0	801.0	773.9	743.6	709.2	671.3	630.0
30°	910.0	897.9	883.3	866.7	846.5	824.0	798.7	768.8	735.1	697.6	656.6
27.5°	926.4	915.2	901.2	885.3	866.7	844.4	819.4	791.3	758.7	720.9	679.7
25°	940.1	929.5	916.7	901.2	883.3	862.7	838.1	810.2	778.5	742.3	701.3
22.5°	951.4	941.4	929.5	915.2	897.9	877.6	854.1	827.2	796.7	760.9	719.9
20°	960.1	951.4	940.1	926.4	910.0	891.2	868.2	841.5	811.2	776.5	736.6
17.5°	965.7	958.9	949.0	936.2	920.3	901.6	879.7	853.9	824.3	790.6	751.7
15°	969.4	964.3	955.6	943.7	928.8	910.8	889.8	864.9	835.4	802.0	763.4
12.5°	970.4	967.7	961.2	950.2	935.9	918.2	897.5	873.0	844.2	811.2	773.2
10°	970.9	969.6	964.4	954.5	940.9	924.0	903.7	879.7	851.4	818.8	781.3
7.5°	970.5	970.2	966.5	957.9	944.9	928.5	908.5	885.0	857.1	824.7	787.7
5°	970.2	970.6	968.0	960.5	947.8	931.8	912.1	888.9	861.3	829.0	792.3
2.5°	970.1	970.9	969.0	962.0	949.6	933.8	914.2	891.2	863.8	831.6	795.1
0°	970.0	971.0	969.3	962.5	950.2	934.5	914.9	892.0	864.6	832.5	796.0
-2.5°	970.1	970.9	969.0	962.0	949.6	933.8	914.2	891.2	863.8	831.6	795.1
-5°	970.2	970.6	968.0	960.5	947.8	931.8	912.1	888.9	861.3	829.0	792.3
-7.5°	970.5	970.2	966.5	957.9	944.9	928.5	908.5	885.0	857.1	824.7	787.7
-10°	970.9	969.6	964.4	954.5	940.9	924.0	903.7	879.7	851.4	818.8	781.3
-12.5°	970.4	967.7	961.2	950.2	935.9	918.2	897.5	873.0	844.2	811.2	773.2
-15°	969.4	964.3	955.6	943.7	928.8	910.8	889.8	864.9	835.4	802.0	763.4
-17.5°	965.7	958.9	949.0	936.2	920.3	901.6	879.7	853.9	824.3	790.6	751.7
-20°	960.1	951.4	940.1	926.4	910.0	891.2	868.2	841.5	811.2	776.5	736.6

Classified

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

Scaled Data Report



REPORT NUMBER: P645306 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1A-750-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	951.4	941.4	929.5	915.2	897.9	877.6	854.1	827.2	796.7	760.9	719.9
-25°	940.1	929.5	916.7	901.2	883.3	862.7	838.1	810.2	778.5	742.3	701.3
-27.5°	926.4	915.2	901.2	885.3	866.7	844.4	819.4	791.3	758.7	720.9	679.7
-30°	910.0	897.9	883.3	866.7	846.5	824.0	798.7	768.8	735.1	697.6	656.6
-32.5°	891.2	877.6	862.7	844.4	824.0	801.0	773.9	743.6	709.2	671.3	630.0
-35°	868.2	854.1	838.1	819.4	798.7	773.9	746.5	714.9	680.2	642.8	601.4
-37.5°	841.5	827.2	810.2	791.3	768.8	743.6	714.9	683.2	649.3	610.8	569.0
-40°	811.2	796.7	778.5	758.7	735.1	709.2	680.2	649.3	614.0	576.0	534.3
-42.5°	776.5	760.9	742.3	720.9	697.6	671.3	642.8	610.8	576.0	537.7	494.6
-45°	736.6	719.9	701.3	679.7	656.6	630.0	601.4	569.0	534.3	494.6	452.6
-47.5°	691.8	674.9	656.5	634.9	611.1	585.1	555.4	523.9	487.1	448.7	407.3
-50°	642.9	625.8	606.9	585.7	561.2	535.1	505.0	472.1	437.1	399.6	361.2
-52.5°	589.2	571.7	552.3	531.3	506.3	479.0	449.9	417.9	384.4	350.3	315.1
-55°	529.5	511.7	491.7	469.8	445.9	419.5	391.4	362.2	332.1	300.7	272.5
-57.5°	462.2	445.2	426.0	405.0	382.3	358.6	333.6	307.1	282.2	257.2	232.2
-60°	391.4	375.6	358.6	340.0	320.0	298.7	279.0	258.1	236.1	218.3	199.8
-62.5°	321.7	307.8	293.5	279.0	263.3	246.4	230.1	215.4	200.0	184.1	170.0
-65°	258.8	248.1	236.1	225.9	215.0	203.3	190.8	178.9	167.2	155.0	142.6
-67.5°	207.2	199.8	191.6	183.1	175.0	166.2	156.9	147.0	138.1	129.4	120.3
-70°	164.9	159.4	153.4	146.8	140.5	134.4	127.9	120.9	113.6	107.2	101.1
-72.5°	129.8	126.0	121.9	117.3	112.4	108.0	103.7	99.1	94.3	89.2	84.1
-75°	101.9	99.4	96.8	93.8	90.6	87.2	83.8	80.3	76.7	72.8	68.8
-77.5°	79.3	77.6	75.6	73.4	71.1	68.6	65.9	63.0	59.8	56.4	52.9
-80°	58.4	56.9	55.2	53.4	51.5	49.4	47.1	44.7	42.1	39.6	37.0
-82.5°	37.0	36.0	34.9	33.6	32.3	30.9	29.4	27.7	26.0	24.2	22.3
-85°	18.0	17.6	17.1	16.5	15.9	15.2	14.5	13.8	13.0	12.2	11.3
-87.5°	5.0	4.9	4.8	4.7	4.6	4.5	4.3	4.2	4.1	3.9	3.7
-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: P645306 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-750-U-LAM-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°	3.6	3.4	3.2	3.0	2.8	2.6	2.4	2.2	2.0	1.8	1.6
85°	10.4	9.4	8.4	7.4	6.4	5.3	4.9	4.5	4.1	3.6	3.2
82.5°	20.3	18.7	17.2	15.7	14.1	12.5	10.8	9.1	7.4	5.6	4.8
80°	34.4	31.6	28.8	25.8	22.8	19.7	17.5	15.2	12.9	10.5	8.2
77.5°	49.2	45.4	41.5	37.7	33.9	30.0	26.0	21.9	18.4	15.4	12.4
75°	64.6	60.1	55.3	50.4	45.4	40.3	35.5	30.5	25.5	20.5	16.7
72.5°	79.2	74.1	68.8	63.4	57.5	51.4	45.3	39.1	33.3	27.4	21.4
70°	94.7	88.1	81.8	75.6	69.2	62.6	55.5	48.3	41.0	34.2	27.4
67.5°	110.9	103.5	95.8	87.9	80.5	73.1	65.6	57.6	49.3	41.0	33.3
65°	132.1	121.2	110.2	101.4	92.3	83.4	75.1	66.6	57.6	48.3	39.1
62.5°	155.4	141.0	128.6	115.8	104.7	94.6	84.4	75.1	65.6	55.5	45.3
60°	181.4	164.9	147.8	133.1	118.8	105.9	94.6	83.4	73.1	62.6	51.4
57.5°	211.3	189.8	170.6	151.6	134.6	118.8	104.7	92.3	80.5	69.2	57.5
55°	243.3	218.3	194.4	172.5	151.6	133.1	115.8	101.4	87.9	75.6	63.4
52.5°	281.7	249.4	220.7	194.4	170.6	147.8	128.6	110.2	95.8	81.8	68.8
50°	322.3	284.8	249.4	218.3	189.8	164.9	141.0	121.2	103.5	88.1	74.1
47.5°	364.9	322.3	281.7	243.3	211.3	181.4	155.4	132.1	110.9	94.7	79.2
45°	407.3	361.2	315.1	272.5	232.2	199.8	170.0	142.6	120.3	101.1	84.1
42.5°	448.7	399.6	350.3	300.7	257.2	218.3	184.1	155.0	129.4	107.2	89.2
40°	487.1	437.1	384.4	332.1	282.2	236.1	200.0	167.2	138.1	113.6	94.3
37.5°	523.9	472.1	417.9	362.2	307.1	258.1	215.4	178.9	147.0	120.9	99.1
35°	555.4	505.0	449.9	391.4	333.6	279.0	230.1	190.8	156.9	127.9	103.7
32.5°	585.1	535.1	479.0	419.5	358.6	298.7	246.4	203.3	166.2	134.4	108.0
30°	611.1	561.2	506.3	445.9	382.3	320.0	263.3	215.0	175.0	140.5	112.4
27.5°	634.9	585.7	531.3	469.8	405.0	340.0	279.0	225.9	183.1	146.8	117.3
25°	656.5	606.9	552.3	491.7	426.0	358.6	293.5	236.1	191.6	153.4	121.9
22.5°	674.9	625.8	571.7	511.7	445.2	375.6	307.8	248.1	199.8	159.4	126.0
20°	691.8	642.9	589.2	529.5	462.2	391.4	321.7	258.8	207.2	164.9	129.8
17.5°	706.7	657.6	603.6	543.9	477.0	405.6	334.0	268.4	213.8	169.7	133.1
15°	718.8	669.8	616.0	556.5	490.0	417.9	344.8	276.8	219.5	173.9	136.0
12.5°	729.3	680.3	626.6	567.2	501.0	428.4	354.1	283.9	224.4	177.5	138.5
10°	737.9	688.9	635.3	576.1	510.2	437.1	361.6	289.7	228.4	180.4	140.5
7.5°	744.7	695.6	642.1	583.0	517.3	443.9	367.6	294.3	231.6	182.7	142.1
5°	749.6	700.5	647.1	588.0	522.4	448.7	371.8	297.6	233.8	184.4	143.2
2.5°	752.5	703.4	650.0	591.0	525.5	451.6	374.3	299.5	235.1	185.4	143.9
0°	753.5	704.4	651.0	592.0	526.5	452.6	375.2	300.2	235.6	185.7	144.1
-2.5°	752.5	703.4	650.0	591.0	525.5	451.6	374.3	299.5	235.1	185.4	143.9
-5°	749.6	700.5	647.1	588.0	522.4	448.7	371.8	297.6	233.8	184.4	143.2
-7.5°	744.7	695.6	642.1	583.0	517.3	443.9	367.6	294.3	231.6	182.7	142.1
-10°	737.9	688.9	635.3	576.1	510.2	437.1	361.6	289.7	228.4	180.4	140.5
-12.5°	729.3	680.3	626.6	567.2	501.0	428.4	354.1	283.9	224.4	177.5	138.5
-15°	718.8	669.8	616.0	556.5	490.0	417.9	344.8	276.8	219.5	173.9	136.0
-17.5°	706.7	657.6	603.6	543.9	477.0	405.6	334.0	268.4	213.8	169.7	133.1
-20°	691.8	642.9	589.2	529.5	462.2	391.4	321.7	258.8	207.2	164.9	129.8



REPORT NUMBER: P645306 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-750-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	674.9	625.8	571.7	511.7	445.2	375.6	307.8	248.1	199.8	159.4	126.0
-25°	656.5	606.9	552.3	491.7	426.0	358.6	293.5	236.1	191.6	153.4	121.9
-27.5°	634.9	585.7	531.3	469.8	405.0	340.0	279.0	225.9	183.1	146.8	117.3
-30°	611.1	561.2	506.3	445.9	382.3	320.0	263.3	215.0	175.0	140.5	112.4
-32.5°	585.1	535.1	479.0	419.5	358.6	298.7	246.4	203.3	166.2	134.4	108.0
-35°	555.4	505.0	449.9	391.4	333.6	279.0	230.1	190.8	156.9	127.9	103.7
-37.5°	523.9	472.1	417.9	362.2	307.1	258.1	215.4	178.9	147.0	120.9	99.1
-40°	487.1	437.1	384.4	332.1	282.2	236.1	200.0	167.2	138.1	113.6	94.3
-42.5°	448.7	399.6	350.3	300.7	257.2	218.3	184.1	155.0	129.4	107.2	89.2
-45°	407.3	361.2	315.1	272.5	232.2	199.8	170.0	142.6	120.3	101.1	84.1
-47.5°	364.9	322.3	281.7	243.3	211.3	181.4	155.4	132.1	110.9	94.7	79.2
-50°	322.3	284.8	249.4	218.3	189.8	164.9	141.0	121.2	103.5	88.1	74.1
-52.5°	281.7	249.4	220.7	194.4	170.6	147.8	128.6	110.2	95.8	81.8	68.8
-55°	243.3	218.3	194.4	172.5	151.6	133.1	115.8	101.4	87.9	75.6	63.4
-57.5°	211.3	189.8	170.6	151.6	134.6	118.8	104.7	92.3	80.5	69.2	57.5
-60°	181.4	164.9	147.8	133.1	118.8	105.9	94.6	83.4	73.1	62.6	51.4
-62.5°	155.4	141.0	128.6	115.8	104.7	94.6	84.4	75.1	65.6	55.5	45.3
-65°	132.1	121.2	110.2	101.4	92.3	83.4	75.1	66.6	57.6	48.3	39.1
-67.5°	110.9	103.5	95.8	87.9	80.5	73.1	65.6	57.6	49.3	41.0	33.3
-70°	94.7	88.1	81.8	75.6	69.2	62.6	55.5	48.3	41.0	34.2	27.4
-72.5°	79.2	74.1	68.8	63.4	57.5	51.4	45.3	39.1	33.3	27.4	21.4
-75°	64.6	60.1	55.3	50.4	45.4	40.3	35.5	30.5	25.5	20.5	16.7
-77.5°	49.2	45.4	41.5	37.7	33.9	30.0	26.0	21.9	18.4	15.4	12.4
-80°	34.4	31.6	28.8	25.8	22.8	19.7	17.5	15.2	12.9	10.5	8.2
-82.5°	20.3	18.7	17.2	15.7	14.1	12.5	10.8	9.1	7.4	5.6	4.8
-85°	10.4	9.4	8.4	7.4	6.4	5.3	4.9	4.5	4.1	3.6	3.2
-87.5°	3.6	3.4	3.2	3.0	2.8	2.6	2.4	2.2	2.0	1.8	1.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P645306 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1A-750-U-LAM-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°	1.4	1.1	0.9	0.7	0.5	0.2	0.0
85°	2.7	2.3	1.8	1.4	0.9	0.5	0.0
82.5°	4.1	3.4	2.8	2.1	1.4	0.7	0.0
80°	5.7	4.6	3.7	2.8	1.8	0.9	0.0
77.5°	9.4	6.4	4.6	3.4	2.3	1.1	0.0
75°	13.1	9.4	5.7	4.1	2.7	1.4	0.0
72.5°	16.7	12.4	8.2	4.8	3.2	1.6	0.0
70°	20.5	15.4	10.5	5.6	3.6	1.8	0.0
67.5°	25.5	18.4	12.9	7.4	4.1	2.0	0.0
65°	30.5	21.9	15.2	9.1	4.5	2.2	0.0
62.5°	35.5	26.0	17.5	10.8	4.9	2.4	0.0
60°	40.3	30.0	19.7	12.5	5.3	2.6	0.0
57.5°	45.4	33.9	22.8	14.1	6.4	2.8	0.0
55°	50.4	37.7	25.8	15.7	7.4	3.0	0.0
52.5°	55.3	41.5	28.8	17.2	8.4	3.2	0.0
50°	60.1	45.4	31.6	18.7	9.4	3.4	0.0
47.5°	64.6	49.2	34.4	20.3	10.4	3.6	0.0
45°	68.8	52.9	37.0	22.3	11.3	3.7	0.0
42.5°	72.8	56.4	39.6	24.2	12.2	3.9	0.0
40°	76.7	59.8	42.1	26.0	13.0	4.1	0.0
37.5°	80.3	63.0	44.7	27.7	13.8	4.2	0.0
35°	83.8	65.9	47.1	29.4	14.5	4.3	0.0
32.5°	87.2	68.6	49.4	30.9	15.2	4.5	0.0
30°	90.6	71.1	51.5	32.3	15.9	4.6	0.0
27.5°	93.8	73.4	53.4	33.6	16.5	4.7	0.0
25°	96.8	75.6	55.2	34.9	17.1	4.8	0.0
22.5°	99.4	77.6	56.9	36.0	17.6	4.9	0.0
20°	101.9	79.3	58.4	37.0	18.0	5.0	0.0
17.5°	104.0	80.9	59.7	37.9	18.5	5.1	0.0
15°	105.9	82.3	60.8	38.6	18.8	5.1	0.0
12.5°	107.5	83.4	61.8	39.3	19.1	5.2	0.0
10°	108.8	84.4	62.6	39.8	19.4	5.2	0.0
7.5°	109.8	85.1	63.2	40.3	19.6	5.3	0.0
5°	110.5	85.7	63.6	40.6	19.7	5.3	0.0
2.5°	111.0	86.0	63.9	40.7	19.8	5.3	0.0
0°	111.1	86.1	64.0	40.8	19.8	5.3	0.0
-2.5°	111.0	86.0	63.9	40.7	19.8	5.3	0.0
-5°	110.5	85.7	63.6	40.6	19.7	5.3	0.0
-7.5°	109.8	85.1	63.2	40.3	19.6	5.3	0.0
-10°	108.8	84.4	62.6	39.8	19.4	5.2	0.0
-12.5°	107.5	83.4	61.8	39.3	19.1	5.2	0.0
-15°	105.9	82.3	60.8	38.6	18.8	5.1	0.0
-17.5°	104.0	80.9	59.7	37.9	18.5	5.1	0.0
-20°	101.9	79.3	58.4	37.0	18.0	5.0	0.0

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CATALOG NUMBER: GFLD-SA1A-750-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	99.4	77.6	56.9	36.0	17.6	4.9	0.0
-25°	96.8	75.6	55.2	34.9	17.1	4.8	0.0
-27.5°	93.8	73.4	53.4	33.6	16.5	4.7	0.0
-30°	90.6	71.1	51.5	32.3	15.9	4.6	0.0
-32.5°	87.2	68.6	49.4	30.9	15.2	4.5	0.0
-35°	83.8	65.9	47.1	29.4	14.5	4.3	0.0
-37.5°	80.3	63.0	44.7	27.7	13.8	4.2	0.0
-40°	76.7	59.8	42.1	26.0	13.0	4.1	0.0
-42.5°	72.8	56.4	39.6	24.2	12.2	3.9	0.0
-45°	68.8	52.9	37.0	22.3	11.3	3.7	0.0
-47.5°	64.6	49.2	34.4	20.3	10.4	3.6	0.0
-50°	60.1	45.4	31.6	18.7	9.4	3.4	0.0
-52.5°	55.3	41.5	28.8	17.2	8.4	3.2	0.0
-55°	50.4	37.7	25.8	15.7	7.4	3.0	0.0
-57.5°	45.4	33.9	22.8	14.1	6.4	2.8	0.0
-60°	40.3	30.0	19.7	12.5	5.3	2.6	0.0
-62.5°	35.5	26.0	17.5	10.8	4.9	2.4	0.0
-65°	30.5	21.9	15.2	9.1	4.5	2.2	0.0
-67.5°	25.5	18.4	12.9	7.4	4.1	2.0	0.0
-70°	20.5	15.4	10.5	5.6	3.6	1.8	0.0
-72.5°	16.7	12.4	8.2	4.8	3.2	1.6	0.0
-75°	13.1	9.4	5.7	4.1	2.7	1.4	0.0
-77.5°	9.4	6.4	4.6	3.4	2.3	1.1	0.0
-80°	5.7	4.6	3.7	2.8	1.8	0.9	0.0
-82.5°	4.1	3.4	2.8	2.1	1.4	0.7	0.0
-85°	2.7	2.3	1.8	1.4	0.9	0.5	0.0
-87.5°	1.4	1.1	0.9	0.7	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)