

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: P627149 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3C-730-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627149 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3C-730-U-NR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N66
Light Source: (48) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

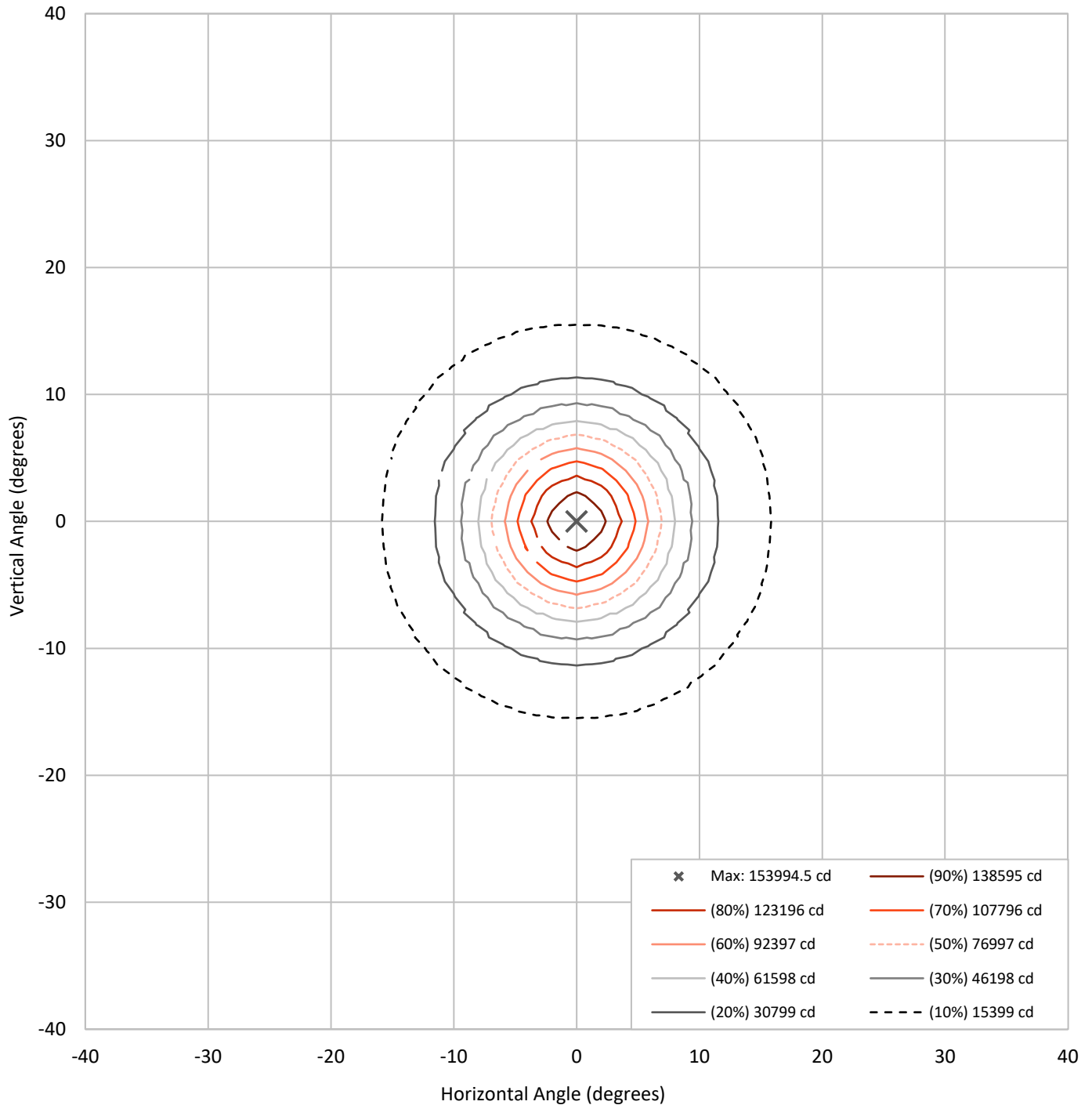
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	16352 lumens	Max Intensity:	153994.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	134.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	13.7°H x 13.6°V	Field Angle (10%):	31.6°H x 30.6°V
Beam Lumens:	4834.5 lumens	Field Lumens:	10879.7 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	121.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





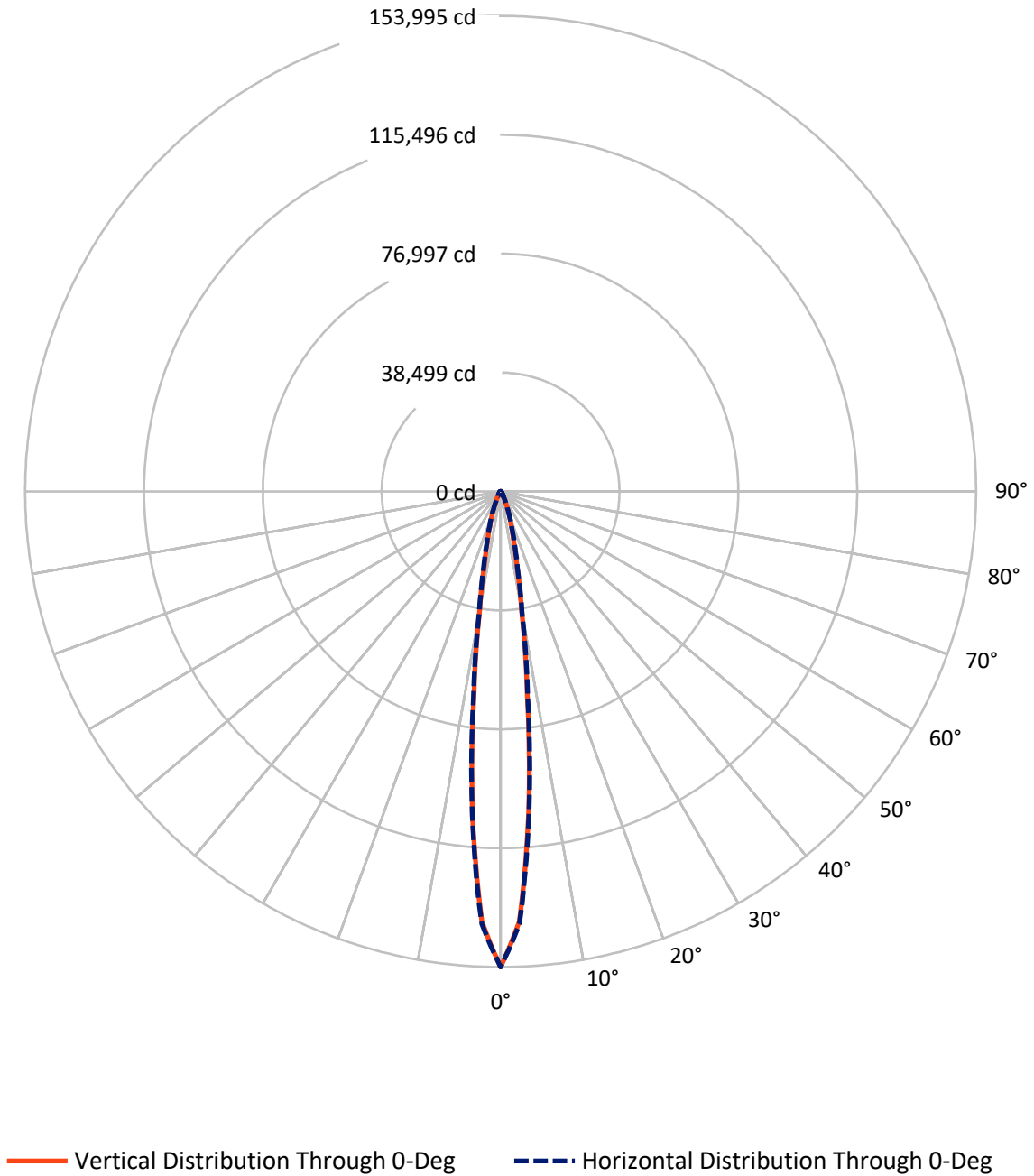
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Lumen Table

90	0.3	2.2		5.9		9.5		10.4		9.5		5.9		2.2		0.3			
80	0.3	2.2		5.9		9.5		10.4		9.5		5.9		2.2		0.3			
70	1.0	1.1	2.4	3.9	5.5	6.7	7.5	7.9	7.9	7.5	6.7	5.5	3.9	2.4	1.1	1.0			
60		1.7	3.6	5.8	7.7	9.4	10.5	11.0	11.0	10.5	9.4	7.7	5.8	3.6	1.7				
50	1.8	2.3	4.6	7.1	9.4	11.9	14.0	15.1	15.1	14.0	11.9	9.4	7.1	4.6	2.3	1.8			
40		2.7	5.4	8.2	11.6	16.7	23.6	29.2	29.2	23.6	16.7	11.6	8.2	5.4	2.7				
30	2.3	3.1	5.9	9.2	15.1	29.9	68.0	112.6	112.6	68.0	29.9	15.1	9.2	5.9	3.1	2.3			
20		3.3	6.2	10.2	20.0	63.4	225.3	485.2	485.2	225.3	63.4	20.0	10.2	6.2	3.3				
10	2.5	3.4	6.4	10.8	24.1	104.6	489.7	2115.5	2115.5	489.7	104.6	24.1	10.8	6.4	3.4	2.5			
0		3.4	6.4	10.8	24.1	104.6	489.7	2115.5	2115.5	489.7	104.6	24.1	10.8	6.4	3.4				
-10	2.3	3.3	6.2	10.2	20.0	63.4	225.3	485.2	485.2	225.3	63.4	20.0	10.2	6.2	3.3	2.3			
-20		3.1	5.9	9.2	15.1	29.9	68.0	112.6	112.6	68.0	29.9	15.1	9.2	5.9	3.1				
-30	1.8	2.7	5.4	8.2	11.6	16.7	23.6	29.2	29.2	23.6	16.7	11.6	8.2	5.4	2.7	1.8			
-40		2.3	4.6	7.1	9.4	11.9	14.0	15.1	15.1	14.0	11.9	9.4	7.1	4.6	2.3				
-50	1.0	1.7	3.6	5.8	7.7	9.4	10.5	11.0	11.0	10.5	9.4	7.7	5.8	3.6	1.7	1.0			
-60		1.1	2.4	3.9	5.5	6.7	7.5	7.9	7.9	7.5	6.7	5.5	3.9	2.4	1.1				
-70	0.3	2.2		5.9		9.5		10.4		9.5		5.9		2.2		0.3			
-80		2.2		5.9		9.5		10.4		9.5		5.9		2.2					
-90	0.3	2.2		5.9		9.5		10.4		9.5		5.9		2.2		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

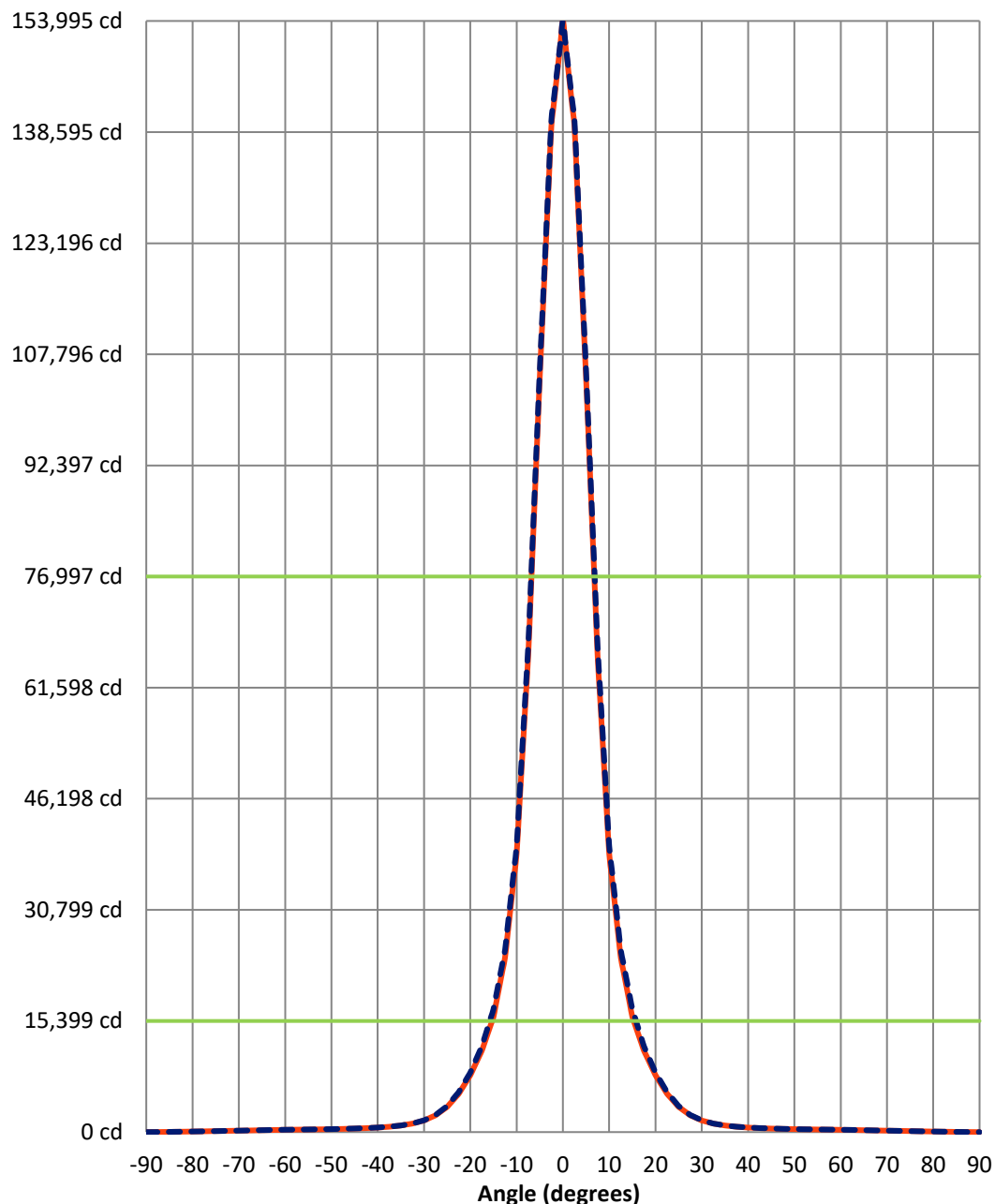
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 4834.5
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 10879.7
 Efficiency: 66.5%

Spill:
 Lumens: 5472.3
 Efficiency: 33.5%

— 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	0.5	1.1	1.7	2.3	2.9	3.4	4.0	4.5	5.1	5.6
85°	0.0	1.0	2.3	3.4	4.6	5.7	6.8	7.9	9.0	10.1	11.1
82.5°	0.0	1.5	3.4	5.2	6.9	8.5	10.2	11.9	13.7	16.1	18.4
80°	0.0	2.0	4.6	6.9	9.1	11.4	13.8	17.1	20.4	23.6	26.7
77.5°	0.0	2.5	5.7	8.5	11.4	14.6	18.8	23.0	27.0	31.0	35.3
75°	0.0	3.0	6.8	10.2	13.7	18.6	23.7	28.8	33.7	39.3	44.8
72.5°	0.0	3.4	7.8	11.9	16.8	22.5	28.6	34.7	41.3	47.9	54.3
70°	0.0	3.9	8.9	13.6	19.7	26.3	33.4	41.3	48.9	56.3	64.7
67.5°	0.0	4.4	9.9	15.7	22.6	30.0	39.0	47.9	56.3	65.8	75.2
65°	0.0	4.8	10.9	17.7	25.4	34.1	44.4	54.3	64.7	75.2	86.2
62.5°	0.0	5.2	11.8	19.7	28.1	38.5	49.7	61.2	72.9	84.7	98.6
60°	0.0	5.7	12.7	21.6	30.8	42.8	54.9	68.2	80.9	95.4	110.7
57.5°	0.0	6.1	13.9	23.5	34.1	47.1	60.6	75.1	89.7	105.7	122.3
55°	0.0	6.5	15.1	25.3	37.4	51.1	66.2	81.6	98.4	115.7	133.5
52.5°	0.0	6.8	16.2	27.0	40.5	55.2	71.6	88.7	106.8	125.2	144.2
50°	0.0	7.2	17.3	28.7	43.6	59.6	76.9	95.6	114.8	134.3	154.6
47.5°	0.0	7.5	18.4	30.4	46.5	63.8	82.1	102.3	122.4	143.0	164.7
45°	0.0	7.8	19.5	32.5	49.4	67.9	87.6	108.7	129.8	151.9	174.5
42.5°	0.0	8.1	20.5	34.6	52.1	71.7	92.8	114.9	136.8	160.5	184.2
40°	0.0	8.4	21.4	36.5	54.8	75.4	97.8	120.7	143.7	168.9	193.5
37.5°	0.0	8.7	22.3	38.4	57.6	78.9	102.6	126.3	150.6	176.6	202.5
35°	0.0	8.9	23.2	40.2	60.2	82.5	107.0	131.5	157.1	184.0	211.2
32.5°	0.0	9.1	24.0	41.9	62.7	85.9	111.2	136.5	163.0	190.8	218.8
30°	0.0	9.3	24.8	43.5	64.9	89.2	115.1	141.1	168.4	197.2	225.7
27.5°	0.0	9.5	25.6	44.9	67.2	92.2	118.7	145.5	173.4	203.1	231.9
25°	0.0	9.6	26.2	46.3	69.2	94.9	122.0	149.4	178.1	208.2	237.3
22.5°	0.0	9.7	26.9	47.5	71.1	97.4	125.0	152.9	182.4	212.7	242.1
20°	0.0	9.8	27.4	48.6	72.8	99.5	127.7	156.0	186.1	216.5	246.4
17.5°	0.0	9.9	28.0	49.6	74.3	101.3	129.9	158.6	189.4	219.8	250.2
15°	0.0	10.0	28.4	50.4	75.6	102.8	131.7	160.9	192.2	222.4	253.4
12.5°	0.0	10.0	28.8	51.1	76.7	104.0	133.2	163.1	194.5	224.4	256.2
10°	0.0	10.0	29.1	51.7	77.6	104.9	134.3	164.9	196.3	226.6	258.8
7.5°	0.0	10.0	29.4	52.2	78.3	105.5	135.1	166.4	197.5	228.5	261.8
5°	0.0	10.0	29.6	52.5	78.8	105.8	135.5	167.4	198.2	229.9	264.3
2.5°	0.0	10.0	29.7	52.7	79.1	105.8	135.6	168.1	198.4	230.7	266.1
0°	0.0	9.9	29.7	52.8	79.2	105.6	135.3	168.3	198.0	231.0	267.2
-2.5°	0.0	10.0	29.7	52.7	79.1	105.8	135.6	168.1	198.4	230.7	266.1
-5°	0.0	10.0	29.6	52.5	78.8	105.8	135.5	167.4	198.2	229.9	264.3
-7.5°	0.0	10.0	29.4	52.2	78.3	105.5	135.1	166.4	197.5	228.5	261.8
-10°	0.0	10.0	29.1	51.7	77.6	104.9	134.3	164.9	196.3	226.6	258.8
-12.5°	0.0	10.0	28.8	51.1	76.7	104.0	133.2	163.1	194.5	224.4	256.2
-15°	0.0	10.0	28.4	50.4	75.6	102.8	131.7	160.9	192.2	222.4	253.4
-17.5°	0.0	9.9	28.0	49.6	74.3	101.3	129.9	158.6	189.4	219.8	250.2
-20°	0.0	9.8	27.4	48.6	72.8	99.5	127.7	156.0	186.1	216.5	246.4

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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	9.7	26.9	47.5	71.1	97.4	125.0	152.9	182.4	212.7	242.1
-25°	0.0	9.6	26.2	46.3	69.2	94.9	122.0	149.4	178.1	208.2	237.3
-27.5°	0.0	9.5	25.6	44.9	67.2	92.2	118.7	145.5	173.4	203.1	231.9
-30°	0.0	9.3	24.8	43.5	64.9	89.2	115.1	141.1	168.4	197.2	225.7
-32.5°	0.0	9.1	24.0	41.9	62.7	85.9	111.2	136.5	163.0	190.8	218.8
-35°	0.0	8.9	23.2	40.2	60.2	82.5	107.0	131.5	157.1	184.0	211.2
-37.5°	0.0	8.7	22.3	38.4	57.6	78.9	102.6	126.3	150.6	176.6	202.5
-40°	0.0	8.4	21.4	36.5	54.8	75.4	97.8	120.7	143.7	168.9	193.5
-42.5°	0.0	8.1	20.5	34.6	52.1	71.7	92.8	114.9	136.8	160.5	184.2
-45°	0.0	7.8	19.5	32.5	49.4	67.9	87.6	108.7	129.8	151.9	174.5
-47.5°	0.0	7.5	18.4	30.4	46.5	63.8	82.1	102.3	122.4	143.0	164.7
-50°	0.0	7.2	17.3	28.7	43.6	59.6	76.9	95.6	114.8	134.3	154.6
-52.5°	0.0	6.8	16.2	27.0	40.5	55.2	71.6	88.7	106.8	125.2	144.2
-55°	0.0	6.5	15.1	25.3	37.4	51.1	66.2	81.6	98.4	115.7	133.5
-57.5°	0.0	6.1	13.9	23.5	34.1	47.1	60.6	75.1	89.7	105.7	122.3
-60°	0.0	5.7	12.7	21.6	30.8	42.8	54.9	68.2	80.9	95.4	110.7
-62.5°	0.0	5.2	11.8	19.7	28.1	38.5	49.7	61.2	72.9	84.7	98.6
-65°	0.0	4.8	10.9	17.7	25.4	34.1	44.4	54.3	64.7	75.2	86.2
-67.5°	0.0	4.4	9.9	15.7	22.6	30.0	39.0	47.9	56.3	65.8	75.2
-70°	0.0	3.9	8.9	13.6	19.7	26.3	33.4	41.3	48.9	56.3	64.7
-72.5°	0.0	3.4	7.8	11.9	16.8	22.5	28.6	34.7	41.3	47.9	54.3
-75°	0.0	3.0	6.8	10.2	13.7	18.6	23.7	28.8	33.7	39.3	44.8
-77.5°	0.0	2.5	5.7	8.5	11.4	14.6	18.8	23.0	27.0	31.0	35.3
-80°	0.0	2.0	4.6	6.9	9.1	11.4	13.8	17.1	20.4	23.6	26.7
-82.5°	0.0	1.5	3.4	5.2	6.9	8.5	10.2	11.9	13.7	16.1	18.4
-85°	0.0	1.0	2.3	3.4	4.6	5.7	6.8	7.9	9.0	10.1	11.1
-87.5°	0.0	0.5	1.1	1.7	2.3	2.9	3.4	4.0	4.5	5.1	5.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	6.1	6.6	7.1	7.6	8.0	8.5	8.9	9.3	9.7	10.1	10.5
85°	12.2	13.2	14.7	16.1	17.3	18.4	19.3	20.0	21.4	22.8	24.3
82.5°	20.8	23.0	25.3	27.4	28.9	30.1	31.2	32.9	35.8	38.6	41.2
80°	29.8	32.8	36.3	39.6	42.5	45.4	48.3	51.4	54.6	57.6	60.5
77.5°	39.8	44.2	48.5	52.7	56.9	61.4	65.7	69.9	73.9	77.7	81.3
75°	50.2	55.5	61.3	67.1	72.6	78.0	83.3	89.0	94.4	99.6	104.5
72.5°	61.2	68.2	75.1	81.8	89.0	96.1	103.0	109.5	116.0	122.7	129.8
70°	72.9	80.9	89.8	98.4	106.5	114.9	123.4	130.7	137.6	146.9	156.4
67.5°	84.8	95.7	105.8	115.5	126.2	136.2	144.8	154.1	164.0	174.7	184.0
65°	99.0	110.8	122.5	134.7	147.2	157.5	168.4	179.8	191.0	201.7	211.8
62.5°	112.9	126.2	139.7	153.1	165.9	178.3	191.3	204.1	216.4	228.8	239.8
60°	126.4	141.5	155.7	169.7	184.2	199.6	214.1	228.2	242.9	257.0	264.3
57.5°	139.4	155.5	170.4	186.0	203.0	220.5	235.7	251.7	264.3	274.0	283.5
55°	151.6	168.4	184.7	202.3	220.7	238.9	255.8	270.0	281.6	290.6	300.6
52.5°	163.0	180.7	198.5	217.7	237.3	256.6	274.2	287.6	298.1	307.2	316.7
50°	174.2	192.8	211.6	232.7	253.7	274.2	291.5	303.7	313.6	323.0	332.7
47.5°	185.3	204.8	225.0	247.4	270.1	290.0	306.4	317.6	327.6	338.6	349.3
45°	196.1	217.2	238.6	262.6	285.5	304.6	318.6	329.8	342.2	354.1	365.5
42.5°	206.7	229.4	252.6	277.5	299.7	316.9	329.9	343.2	356.5	369.2	382.0
40°	217.3	241.2	265.7	290.5	312.8	327.7	341.5	355.8	370.4	384.2	398.5
37.5°	227.6	252.2	277.5	302.6	322.8	337.9	352.2	368.0	383.5	398.5	417.1
35°	237.3	262.2	287.8	312.1	331.6	347.2	363.2	379.8	396.0	415.4	436.6
32.5°	245.9	271.2	297.2	319.8	338.9	355.7	373.7	391.0	410.5	432.5	457.9
30°	253.2	279.2	305.2	327.3	345.9	363.7	383.2	402.3	425.1	451.6	481.8
27.5°	259.6	286.3	311.6	333.7	352.6	370.4	390.8	415.0	441.1	470.8	506.3
25°	265.6	293.4	317.6	339.5	358.0	376.5	398.4	425.1	456.6	492.4	535.8
22.5°	271.3	300.3	323.7	345.1	362.1	382.2	406.9	435.9	470.1	512.0	565.0
20°	276.7	305.5	328.6	349.4	365.3	387.1	414.4	445.3	484.2	534.2	595.4
17.5°	281.7	309.9	332.4	352.0	369.4	392.4	420.9	453.0	496.5	554.3	623.4
15°	286.2	313.6	335.5	354.1	373.1	398.0	427.8	462.5	510.0	573.5	648.2
12.5°	290.2	316.6	337.8	355.7	376.1	402.5	433.9	472.5	524.6	592.4	679.6
10°	293.7	318.9	339.5	356.9	378.3	405.9	438.9	480.5	536.2	607.0	703.8
7.5°	296.6	320.7	340.6	357.5	379.7	408.4	442.9	486.7	544.3	617.3	721.2
5°	298.6	322.1	342.0	359.5	381.9	410.3	445.8	490.9	549.1	623.5	732.1
2.5°	299.8	323.0	342.8	361.5	384.3	411.9	448.0	495.5	552.9	629.5	740.4
0°	300.2	323.3	343.1	362.9	386.0	412.4	448.7	498.2	554.3	633.5	745.7
-2.5°	299.8	323.0	342.8	361.5	384.3	411.9	448.0	495.5	552.9	629.5	740.4
-5°	298.6	322.1	342.0	359.5	381.9	410.3	445.8	490.9	549.1	623.5	732.1
-7.5°	296.6	320.7	340.6	357.5	379.7	408.4	442.9	486.7	544.3	617.3	721.2
-10°	293.7	318.9	339.5	356.9	378.3	405.9	438.9	480.5	536.2	607.0	703.8
-12.5°	290.2	316.6	337.8	355.7	376.1	402.5	433.9	472.5	524.6	592.4	679.6
-15°	286.2	313.6	335.5	354.1	373.1	398.0	427.8	462.5	510.0	573.5	648.2
-17.5°	281.7	309.9	332.4	352.0	369.4	392.4	420.9	453.0	496.5	554.3	623.4
-20°	276.7	305.5	328.6	349.4	365.3	387.1	414.4	445.3	484.2	534.2	595.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627149 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-730-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	271.3	300.3	323.7	345.1	362.1	382.2	406.9	435.9	470.1	512.0	565.0
-25°	265.6	293.4	317.6	339.5	358.0	376.5	398.4	425.1	456.6	492.4	535.8
-27.5°	259.6	286.3	311.6	333.7	352.6	370.4	390.8	415.0	441.1	470.8	506.3
-30°	253.2	279.2	305.2	327.3	345.9	363.7	383.2	402.3	425.1	451.6	481.8
-32.5°	245.9	271.2	297.2	319.8	338.9	355.7	373.7	391.0	410.5	432.5	457.9
-35°	237.3	262.2	287.8	312.1	331.6	347.2	363.2	379.8	396.0	415.4	436.6
-37.5°	227.6	252.2	277.5	302.6	322.8	337.9	352.2	368.0	383.5	398.5	417.1
-40°	217.3	241.2	265.7	290.5	312.8	327.7	341.5	355.8	370.4	384.2	398.5
-42.5°	206.7	229.4	252.6	277.5	299.7	316.9	329.9	343.2	356.5	369.2	382.0
-45°	196.1	217.2	238.6	262.6	285.5	304.6	318.6	329.8	342.2	354.1	365.5
-47.5°	185.3	204.8	225.0	247.4	270.1	290.0	306.4	317.6	327.6	338.6	349.3
-50°	174.2	192.8	211.6	232.7	253.7	274.2	291.5	303.7	313.6	323.0	332.7
-52.5°	163.0	180.7	198.5	217.7	237.3	256.6	274.2	287.6	298.1	307.2	316.7
-55°	151.6	168.4	184.7	202.3	220.7	238.9	255.8	270.0	281.6	290.6	300.6
-57.5°	139.4	155.5	170.4	186.0	203.0	220.5	235.7	251.7	264.3	274.0	283.5
-60°	126.4	141.5	155.7	169.7	184.2	199.6	214.1	228.2	242.9	257.0	264.3
-62.5°	112.9	126.2	139.7	153.1	165.9	178.3	191.3	204.1	216.4	228.8	239.8
-65°	99.0	110.8	122.5	134.7	147.2	157.5	168.4	179.8	191.0	201.7	211.8
-67.5°	84.8	95.7	105.8	115.5	126.2	136.2	144.8	154.1	164.0	174.7	184.0
-70°	72.9	80.9	89.8	98.4	106.5	114.9	123.4	130.7	137.6	146.9	156.4
-72.5°	61.2	68.2	75.1	81.8	89.0	96.1	103.0	109.5	116.0	122.7	129.8
-75°	50.2	55.5	61.3	67.1	72.6	78.0	83.3	89.0	94.4	99.6	104.5
-77.5°	39.8	44.2	48.5	52.7	56.9	61.4	65.7	69.9	73.9	77.7	81.3
-80°	29.8	32.8	36.3	39.6	42.5	45.4	48.3	51.4	54.6	57.6	60.5
-82.5°	20.8	23.0	25.3	27.4	28.9	30.1	31.2	32.9	35.8	38.6	41.2
-85°	12.2	13.2	14.7	16.1	17.3	18.4	19.3	20.0	21.4	22.8	24.3
-87.5°	6.1	6.6	7.1	7.6	8.0	8.5	8.9	9.3	9.7	10.1	10.5
-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: P627149 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-730-U-NR-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°	10.8	11.1	11.4	11.7	12.0	12.2	12.4	12.6	12.7	12.1	11.4
85°	25.8	26.8	27.7	28.5	29.3	30.0	30.6	31.2	31.6	31.2	30.8
82.5°	43.5	45.2	46.8	48.2	49.6	50.8	51.9	52.9	53.7	53.7	53.4
80°	63.3	66.1	68.9	71.7	74.5	76.2	77.4	78.3	78.9	79.2	79.3
77.5°	85.0	89.4	94.0	98.5	102.9	105.4	107.2	108.7	109.9	110.2	109.9
75°	109.1	114.8	121.0	126.5	131.2	134.1	136.1	137.8	139.2	139.5	139.4
72.5°	137.2	144.1	149.7	154.3	158.3	161.4	163.9	166.1	167.8	168.6	168.7
70°	164.7	171.6	176.9	181.6	185.5	188.7	191.8	194.3	196.5	198.1	199.2
67.5°	192.7	200.5	206.0	210.2	213.5	216.9	220.9	224.4	227.3	229.3	230.3
65°	221.3	229.5	234.7	239.3	243.4	247.7	252.1	255.4	257.6	258.9	259.8
62.5°	249.1	256.7	263.2	269.4	275.2	280.1	283.2	285.9	288.3	290.3	291.8
60°	272.9	282.5	289.9	295.8	301.6	307.1	310.9	313.9	316.2	317.9	319.0
57.5°	293.2	303.0	311.8	317.5	323.7	330.4	334.7	337.3	339.6	341.6	342.5
55°	311.0	320.1	328.1	335.9	342.9	348.9	353.6	357.0	359.8	362.1	362.8
52.5°	327.0	336.9	346.3	354.6	361.5	367.2	371.8	376.0	379.3	381.4	382.4
50°	343.8	354.5	364.6	373.7	380.7	387.1	392.9	397.8	402.6	406.3	409.0
47.5°	360.4	371.7	382.9	392.9	401.3	410.6	419.0	426.0	433.0	438.6	442.4
45°	377.1	390.2	402.3	415.2	426.7	438.8	450.2	459.9	469.9	477.5	482.6
42.5°	395.6	410.5	425.1	441.1	456.8	472.6	489.8	505.1	516.9	528.0	537.0
40°	415.4	432.5	451.6	471.2	494.3	515.2	538.3	558.1	575.9	594.8	609.9
37.5°	436.6	457.9	483.0	509.3	539.1	567.8	597.9	627.4	653.2	683.7	706.9
35°	460.0	488.5	519.3	554.9	592.0	633.1	674.3	721.8	762.7	807.7	846.9
32.5°	487.7	521.7	562.2	609.1	656.8	719.1	777.3	853.0	918.4	989.8	1061.7
30°	516.3	560.6	612.9	671.9	747.8	833.4	928.9	1041.5	1157.6	1269.9	1405.3
27.5°	551.6	605.1	668.4	754.6	866.3	982.1	1146.3	1315.3	1528.6	1705.0	1953.8
25°	588.3	651.2	741.1	858.5	1004.4	1205.3	1454.4	1724.5	2099.7	2429.4	2816.2
22.5°	628.2	713.2	825.1	970.0	1191.1	1499.5	1876.8	2385.1	2938.6	3526.3	4110.9
20°	669.8	772.6	919.3	1129.3	1432.7	1850.4	2498.0	3282.7	4073.5	5043.3	5902.0
17.5°	718.0	848.9	1029.6	1292.3	1697.1	2336.9	3235.3	4330.9	5557.8	6952.1	8190.0
15°	758.2	914.2	1142.4	1509.8	2066.6	2888.3	4021.2	5528.4	7372.0	9244.6	11144.4
12.5°	804.8	985.2	1253.2	1691.3	2390.6	3482.7	5024.8	6932.4	9234.9	11832.3	14894.2
10°	846.1	1055.0	1388.1	1930.4	2785.0	4102.6	5974.2	8269.1	11240.6	14977.5	19719.1
7.5°	876.8	1110.6	1492.3	2112.4	3126.0	4698.6	6871.1	9732.9	13508.6	18443.3	24950.8
5°	896.7	1150.8	1566.0	2252.8	3392.9	5142.1	7528.5	10771.1	15326.2	22305.5	33325.1
2.5°	908.6	1174.6	1608.0	2335.1	3555.3	5436.0	8028.6	11556.2	16504.2	24692.4	38711.4
0°	913.9	1181.2	1633.2	2378.8	3609.5	5549.5	8258.3	11914.0	17031.3	25250.0	39658.3
-2.5°	908.6	1174.6	1608.0	2335.1	3555.3	5436.0	8028.6	11556.2	16504.2	24692.4	38711.4
-5°	896.7	1150.8	1566.0	2252.8	3392.9	5142.1	7528.5	10771.1	15326.2	22305.5	33325.1
-7.5°	876.8	1110.6	1492.3	2112.4	3126.0	4698.6	6871.1	9732.9	13508.6	18443.3	24950.8
-10°	846.1	1055.0	1388.1	1930.4	2785.0	4102.6	5974.2	8269.1	11240.6	14977.5	19719.1
-12.5°	804.8	985.2	1253.2	1691.3	2390.6	3482.7	5024.8	6932.4	9234.9	11832.3	14894.2
-15°	758.2	914.2	1142.4	1509.8	2066.6	2888.3	4021.2	5528.4	7372.0	9244.6	11144.4
-17.5°	718.0	848.9	1029.6	1292.3	1697.1	2336.9	3235.3	4330.9	5557.8	6952.1	8190.0
-20°	669.8	772.6	919.3	1129.3	1432.7	1850.4	2498.0	3282.7	4073.5	5043.3	5902.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627149 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-730-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	628.2	713.2	825.1	970.0	1191.1	1499.5	1876.8	2385.1	2938.6	3526.3	4110.9
-25°	588.3	651.2	741.1	858.5	1004.4	1205.3	1454.4	1724.5	2099.7	2429.4	2816.2
-27.5°	551.6	605.1	668.4	754.6	866.3	982.1	1146.3	1315.3	1528.6	1705.0	1953.8
-30°	516.3	560.6	612.9	671.9	747.8	833.4	928.9	1041.5	1157.6	1269.9	1405.3
-32.5°	487.7	521.7	562.2	609.1	656.8	719.1	777.3	853.0	918.4	989.8	1061.7
-35°	460.0	488.5	519.3	554.9	592.0	633.1	674.3	721.8	762.7	807.7	846.9
-37.5°	436.6	457.9	483.0	509.3	539.1	567.8	597.9	627.4	653.2	683.7	706.9
-40°	415.4	432.5	451.6	471.2	494.3	515.2	538.3	558.1	575.9	594.8	609.9
-42.5°	395.6	410.5	425.1	441.1	456.8	472.6	489.8	505.1	516.9	528.0	537.0
-45°	377.1	390.2	402.3	415.2	426.7	438.8	450.2	459.9	469.9	477.5	482.6
-47.5°	360.4	371.7	382.9	392.9	401.3	410.6	419.0	426.0	433.0	438.6	442.4
-50°	343.8	354.5	364.6	373.7	380.7	387.1	392.9	397.8	402.6	406.3	409.0
-52.5°	327.0	336.9	346.3	354.6	361.5	367.2	371.8	376.0	379.3	381.4	382.4
-55°	311.0	320.1	328.1	335.9	342.9	348.9	353.6	357.0	359.8	362.1	362.8
-57.5°	293.2	303.0	311.8	317.5	323.7	330.4	334.7	337.3	339.6	341.6	342.5
-60°	272.9	282.5	289.9	295.8	301.6	307.1	310.9	313.9	316.2	317.9	319.0
-62.5°	249.1	256.7	263.2	269.4	275.2	280.1	283.2	285.9	288.3	290.3	291.8
-65°	221.3	229.5	234.7	239.3	243.4	247.7	252.1	255.4	257.6	258.9	259.8
-67.5°	192.7	200.5	206.0	210.2	213.5	216.9	220.9	224.4	227.3	229.3	230.3
-70°	164.7	171.6	176.9	181.6	185.5	188.7	191.8	194.3	196.5	198.1	199.2
-72.5°	137.2	144.1	149.7	154.3	158.3	161.4	163.9	166.1	167.8	168.6	168.7
-75°	109.1	114.8	121.0	126.5	131.2	134.1	136.1	137.8	139.2	139.5	139.4
-77.5°	85.0	89.4	94.0	98.5	102.9	105.4	107.2	108.7	109.9	110.2	109.9
-80°	63.3	66.1	68.9	71.7	74.5	76.2	77.4	78.3	78.9	79.2	79.3
-82.5°	43.5	45.2	46.8	48.2	49.6	50.8	51.9	52.9	53.7	53.7	53.4
-85°	25.8	26.8	27.7	28.5	29.3	30.0	30.6	31.2	31.6	31.2	30.8
-87.5°	10.8	11.1	11.4	11.7	12.0	12.2	12.4	12.6	12.7	12.1	11.4
-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: P627149 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-730-U-NR-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°	10.6	9.9	9.9	9.9	9.9	9.9	10.6	11.4	12.1	12.7	12.6
85°	30.2	29.6	29.7	29.7	29.7	29.6	30.2	30.8	31.2	31.6	31.2
82.5°	53.0	52.5	52.7	52.8	52.7	52.5	53.0	53.4	53.7	53.7	52.9
80°	79.2	78.8	77.5	75.9	77.5	78.8	79.2	79.3	79.2	78.9	78.3
77.5°	109.3	108.4	107.1	105.6	107.1	108.4	109.3	109.9	110.2	109.9	108.7
75°	138.9	138.0	138.4	138.6	138.4	138.0	138.9	139.4	139.5	139.2	137.8
72.5°	168.4	167.6	168.1	168.3	168.1	167.6	168.4	168.7	168.6	167.8	166.1
70°	200.0	200.4	199.5	198.0	199.5	200.4	200.0	199.2	198.1	196.5	194.3
67.5°	230.6	230.2	229.2	227.7	229.2	230.2	230.6	230.3	229.3	227.3	224.4
65°	260.1	259.7	260.3	260.6	260.3	259.7	260.1	259.8	258.9	257.6	255.4
62.5°	292.5	292.5	291.8	290.3	291.8	292.5	292.5	291.8	290.3	288.3	285.9
60°	319.4	319.2	318.3	316.7	318.3	319.2	319.4	319.0	317.9	316.2	313.9
57.5°	342.8	342.4	341.4	339.8	341.4	342.4	342.8	342.5	341.6	339.6	337.3
55°	362.9	362.4	361.3	359.6	361.3	362.4	362.9	362.8	362.1	359.8	357.0
52.5°	382.6	382.2	382.3	382.7	382.3	382.2	382.6	382.4	381.4	379.3	376.0
50°	410.7	411.2	410.7	409.1	410.7	411.2	410.7	409.0	406.3	402.6	397.8
47.5°	444.3	444.5	443.7	442.1	443.7	444.5	444.3	442.4	438.6	433.0	426.0
45°	486.6	489.0	489.6	488.3	489.6	489.0	486.6	482.6	477.5	469.9	459.9
42.5°	543.9	547.6	548.7	547.7	548.7	547.6	543.9	537.0	528.0	516.9	505.1
40°	619.1	623.4	624.2	623.6	624.2	623.4	619.1	609.9	594.8	575.9	558.1
37.5°	723.2	733.6	738.5	739.1	738.5	733.6	723.2	706.9	683.7	653.2	627.4
35°	876.8	897.5	908.5	913.9	908.5	897.5	876.8	846.9	807.7	762.7	721.8
32.5°	1116.2	1157.7	1180.7	1177.9	1180.7	1157.7	1116.2	1061.7	989.8	918.4	853.0
30°	1507.4	1580.0	1616.5	1606.8	1616.5	1580.0	1507.4	1405.3	1269.9	1157.6	1041.5
27.5°	2132.4	2263.5	2339.3	2329.4	2339.3	2263.5	2132.4	1953.8	1705.0	1528.6	1315.3
25°	3139.4	3378.7	3532.0	3494.0	3532.0	3378.7	3139.4	2816.2	2429.4	2099.7	1724.5
22.5°	4671.4	5076.8	5345.1	5312.0	5345.1	5076.8	4671.4	4110.9	3526.3	2938.6	2385.1
20°	6772.7	7389.8	7830.4	7888.8	7830.4	7389.8	6772.7	5902.0	5043.3	4073.5	3282.7
17.5°	9527.2	10505.6	11186.7	11300.3	11186.7	10505.6	9527.2	8190.0	6952.1	5557.8	4330.9
15°	13107.0	14706.2	15863.5	15959.0	15863.5	14706.2	13107.0	11144.4	9244.6	7372.0	5528.4
12.5°	17967.9	21184.2	23283.3	24207.4	23283.3	21184.2	17967.9	14894.2	11832.3	9234.9	6932.4
10°	24695.1	32082.8	36814.0	38592.7	36814.0	32082.8	24695.1	19719.1	14977.5	11240.6	8269.1
7.5°	35931.5	47530.4	60425.4	65921.3	60425.4	47530.4	35931.5	24950.8	18443.3	13508.6	9732.9
5°	48655.9	72728.3	95625.4	104566.7	95625.4	72728.3	48655.9	33325.1	22305.5	15326.2	10771.1
2.5°	62045.2	95598.6	127040.8	139337.1	127040.8	95598.6	62045.2	38711.4	24692.4	16504.2	11556.2
0°	67274.0	105612.6	140206.5	153994.5	140206.5	105612.6	67274.0	39658.3	25250.0	17031.3	11914.0
-2.5°	62045.2	95598.6	127040.8	139337.1	127040.8	95598.6	62045.2	38711.4	24692.4	16504.2	11556.2
-5°	48655.9	72728.3	95625.4	104566.7	95625.4	72728.3	48655.9	33325.1	22305.5	15326.2	10771.1
-7.5°	35931.5	47530.4	60425.4	65921.3	60425.4	47530.4	35931.5	24950.8	18443.3	13508.6	9732.9
-10°	24695.1	32082.8	36814.0	38592.7	36814.0	32082.8	24695.1	19719.1	14977.5	11240.6	8269.1
-12.5°	17967.9	21184.2	23283.3	24207.4	23283.3	21184.2	17967.9	14894.2	11832.3	9234.9	6932.4
-15°	13107.0	14706.2	15863.5	15959.0	15863.5	14706.2	13107.0	11144.4	9244.6	7372.0	5528.4
-17.5°	9527.2	10505.6	11186.7	11300.3	11186.7	10505.6	9527.2	8190.0	6952.1	5557.8	4330.9
-20°	6772.7	7389.8	7830.4	7888.8	7830.4	7389.8	6772.7	5902.0	5043.3	4073.5	3282.7



REPORT NUMBER: P627149 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-730-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4671.4	5076.8	5345.1	5312.0	5345.1	5076.8	4671.4	4110.9	3526.3	2938.6	2385.1
-25°	3139.4	3378.7	3532.0	3494.0	3532.0	3378.7	3139.4	2816.2	2429.4	2099.7	1724.5
-27.5°	2132.4	2263.5	2339.3	2329.4	2339.3	2263.5	2132.4	1953.8	1705.0	1528.6	1315.3
-30°	1507.4	1580.0	1616.5	1606.8	1616.5	1580.0	1507.4	1405.3	1269.9	1157.6	1041.5
-32.5°	1116.2	1157.7	1180.7	1177.9	1180.7	1157.7	1116.2	1061.7	989.8	918.4	853.0
-35°	876.8	897.5	908.5	913.9	908.5	897.5	876.8	846.9	807.7	762.7	721.8
-37.5°	723.2	733.6	738.5	739.1	738.5	733.6	723.2	706.9	683.7	653.2	627.4
-40°	619.1	623.4	624.2	623.6	624.2	623.4	619.1	609.9	594.8	575.9	558.1
-42.5°	543.9	547.6	548.7	547.7	548.7	547.6	543.9	537.0	528.0	516.9	505.1
-45°	486.6	489.0	489.6	488.3	489.6	489.0	486.6	482.6	477.5	469.9	459.9
-47.5°	444.3	444.5	443.7	442.1	443.7	444.5	444.3	442.4	438.6	433.0	426.0
-50°	410.7	411.2	410.7	409.1	410.7	411.2	410.7	409.0	406.3	402.6	397.8
-52.5°	382.6	382.2	382.3	382.7	382.3	382.2	382.6	382.4	381.4	379.3	376.0
-55°	362.9	362.4	361.3	359.6	361.3	362.4	362.9	362.8	362.1	359.8	357.0
-57.5°	342.8	342.4	341.4	339.8	341.4	342.4	342.8	342.5	341.6	339.6	337.3
-60°	319.4	319.2	318.3	316.7	318.3	319.2	319.4	319.0	317.9	316.2	313.9
-62.5°	292.5	292.5	291.8	290.3	291.8	292.5	292.5	291.8	290.3	288.3	285.9
-65°	260.1	259.7	260.3	260.6	260.3	259.7	260.1	259.8	258.9	257.6	255.4
-67.5°	230.6	230.2	229.2	227.7	229.2	230.2	230.6	230.3	229.3	227.3	224.4
-70°	200.0	200.4	199.5	198.0	199.5	200.4	200.0	199.2	198.1	196.5	194.3
-72.5°	168.4	167.6	168.1	168.3	168.1	167.6	168.4	168.7	168.6	167.8	166.1
-75°	138.9	138.0	138.4	138.6	138.4	138.0	138.9	139.4	139.5	139.2	137.8
-77.5°	109.3	108.4	107.1	105.6	107.1	108.4	109.3	109.9	110.2	109.9	108.7
-80°	79.2	78.8	77.5	75.9	77.5	78.8	79.2	79.3	79.2	78.9	78.3
-82.5°	53.0	52.5	52.7	52.8	52.7	52.5	53.0	53.4	53.7	53.7	52.9
-85°	30.2	29.6	29.7	29.7	29.7	29.6	30.2	30.8	31.2	31.6	31.2
-87.5°	10.6	9.9	9.9	9.9	9.9	9.9	10.6	11.4	12.1	12.7	12.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627149 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-730-U-NR-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°	12.4	12.2	12.0	11.7	11.4	11.1	10.8	10.5	10.1	9.7	9.3
85°	30.6	30.0	29.3	28.5	27.7	26.8	25.8	24.3	22.8	21.4	20.0
82.5°	51.9	50.8	49.6	48.2	46.8	45.2	43.5	41.2	38.6	35.8	32.9
80°	77.4	76.2	74.5	71.7	68.9	66.1	63.3	60.5	57.6	54.6	51.4
77.5°	107.2	105.4	102.9	98.5	94.0	89.4	85.0	81.3	77.7	73.9	69.9
75°	136.1	134.1	131.2	126.5	121.0	114.8	109.1	104.5	99.6	94.4	89.0
72.5°	163.9	161.4	158.3	154.3	149.7	144.1	137.2	129.8	122.7	116.0	109.5
70°	191.8	188.7	185.5	181.6	176.9	171.6	164.7	156.4	146.9	137.6	130.7
67.5°	220.9	216.9	213.5	210.2	206.0	200.5	192.7	184.0	174.7	164.0	154.1
65°	252.1	247.7	243.4	239.3	234.7	229.5	221.3	211.8	201.7	191.0	179.8
62.5°	283.2	280.1	275.2	269.4	263.2	256.7	249.1	239.8	228.8	216.4	204.1
60°	310.9	307.1	301.6	295.8	289.9	282.5	272.9	264.3	257.0	242.9	228.2
57.5°	334.7	330.4	323.7	317.5	311.8	303.0	293.2	283.5	274.0	264.3	251.7
55°	353.6	348.9	342.9	335.9	328.1	320.1	311.0	300.6	290.6	281.6	270.0
52.5°	371.8	367.2	361.5	354.6	346.3	336.9	327.0	316.7	307.2	298.1	287.6
50°	392.9	387.1	380.7	373.7	364.6	354.5	343.8	332.7	323.0	313.6	303.7
47.5°	419.0	410.6	401.3	392.9	382.9	371.7	360.4	349.3	338.6	327.6	317.6
45°	450.2	438.8	426.7	415.2	402.3	390.2	377.1	365.5	354.1	342.2	329.8
42.5°	489.8	472.6	456.8	441.1	425.1	410.5	395.6	382.0	369.2	356.5	343.2
40°	538.3	515.2	494.3	471.2	451.6	432.5	415.4	398.5	384.2	370.4	355.8
37.5°	597.9	567.8	539.1	509.3	483.0	457.9	436.6	417.1	398.5	383.5	368.0
35°	674.3	633.1	592.0	554.9	519.3	488.5	460.0	436.6	415.4	396.0	379.8
32.5°	777.3	719.1	656.8	609.1	562.2	521.7	487.7	457.9	432.5	410.5	391.0
30°	928.9	833.4	747.8	671.9	612.9	560.6	516.3	481.8	451.6	425.1	402.3
27.5°	1146.3	982.1	866.3	754.6	668.4	605.1	551.6	506.3	470.8	441.1	415.0
25°	1454.4	1205.3	1004.4	858.5	741.1	651.2	588.3	535.8	492.4	456.6	425.1
22.5°	1876.8	1499.5	1191.1	970.0	825.1	713.2	628.2	565.0	512.0	470.1	435.9
20°	2498.0	1850.4	1432.7	1129.3	919.3	772.6	669.8	595.4	534.2	484.2	445.3
17.5°	3235.3	2336.9	1697.1	1292.3	1029.6	848.9	718.0	623.4	554.3	496.5	453.0
15°	4021.2	2888.3	2066.6	1509.8	1142.4	914.2	758.2	648.2	573.5	510.0	462.5
12.5°	5024.8	3482.7	2390.6	1691.3	1253.2	985.2	804.8	679.6	592.4	524.6	472.5
10°	5974.2	4102.6	2785.0	1930.4	1388.1	1055.0	846.1	703.8	607.0	536.2	480.5
7.5°	6871.1	4698.6	3126.0	2112.4	1492.3	1110.6	876.8	721.2	617.3	544.3	486.7
5°	7528.5	5142.1	3392.9	2252.8	1566.0	1150.8	896.7	732.1	623.5	549.1	490.9
2.5°	8028.6	5436.0	3555.3	2335.1	1608.0	1174.6	908.6	740.4	629.5	552.9	495.5
0°	8258.3	5549.5	3609.5	2378.8	1633.2	1181.2	913.9	745.7	633.5	554.3	498.2
-2.5°	8028.6	5436.0	3555.3	2335.1	1608.0	1174.6	908.6	740.4	629.5	552.9	495.5
-5°	7528.5	5142.1	3392.9	2252.8	1566.0	1150.8	896.7	732.1	623.5	549.1	490.9
-7.5°	6871.1	4698.6	3126.0	2112.4	1492.3	1110.6	876.8	721.2	617.3	544.3	486.7
-10°	5974.2	4102.6	2785.0	1930.4	1388.1	1055.0	846.1	703.8	607.0	536.2	480.5
-12.5°	5024.8	3482.7	2390.6	1691.3	1253.2	985.2	804.8	679.6	592.4	524.6	472.5
-15°	4021.2	2888.3	2066.6	1509.8	1142.4	914.2	758.2	648.2	573.5	510.0	462.5
-17.5°	3235.3	2336.9	1697.1	1292.3	1029.6	848.9	718.0	623.4	554.3	496.5	453.0
-20°	2498.0	1850.4	1432.7	1129.3	919.3	772.6	669.8	595.4	534.2	484.2	445.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627149 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-730-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1876.8	1499.5	1191.1	970.0	825.1	713.2	628.2	565.0	512.0	470.1	435.9
-25°	1454.4	1205.3	1004.4	858.5	741.1	651.2	588.3	535.8	492.4	456.6	425.1
-27.5°	1146.3	982.1	866.3	754.6	668.4	605.1	551.6	506.3	470.8	441.1	415.0
-30°	928.9	833.4	747.8	671.9	612.9	560.6	516.3	481.8	451.6	425.1	402.3
-32.5°	777.3	719.1	656.8	609.1	562.2	521.7	487.7	457.9	432.5	410.5	391.0
-35°	674.3	633.1	592.0	554.9	519.3	488.5	460.0	436.6	415.4	396.0	379.8
-37.5°	597.9	567.8	539.1	509.3	483.0	457.9	436.6	417.1	398.5	383.5	368.0
-40°	538.3	515.2	494.3	471.2	451.6	432.5	415.4	398.5	384.2	370.4	355.8
-42.5°	489.8	472.6	456.8	441.1	425.1	410.5	395.6	382.0	369.2	356.5	343.2
-45°	450.2	438.8	426.7	415.2	402.3	390.2	377.1	365.5	354.1	342.2	329.8
-47.5°	419.0	410.6	401.3	392.9	382.9	371.7	360.4	349.3	338.6	327.6	317.6
-50°	392.9	387.1	380.7	373.7	364.6	354.5	343.8	332.7	323.0	313.6	303.7
-52.5°	371.8	367.2	361.5	354.6	346.3	336.9	327.0	316.7	307.2	298.1	287.6
-55°	353.6	348.9	342.9	335.9	328.1	320.1	311.0	300.6	290.6	281.6	270.0
-57.5°	334.7	330.4	323.7	317.5	311.8	303.0	293.2	283.5	274.0	264.3	251.7
-60°	310.9	307.1	301.6	295.8	289.9	282.5	272.9	264.3	257.0	242.9	228.2
-62.5°	283.2	280.1	275.2	269.4	263.2	256.7	249.1	239.8	228.8	216.4	204.1
-65°	252.1	247.7	243.4	239.3	234.7	229.5	221.3	211.8	201.7	191.0	179.8
-67.5°	220.9	216.9	213.5	210.2	206.0	200.5	192.7	184.0	174.7	164.0	154.1
-70°	191.8	188.7	185.5	181.6	176.9	171.6	164.7	156.4	146.9	137.6	130.7
-72.5°	163.9	161.4	158.3	154.3	149.7	144.1	137.2	129.8	122.7	116.0	109.5
-75°	136.1	134.1	131.2	126.5	121.0	114.8	109.1	104.5	99.6	94.4	89.0
-77.5°	107.2	105.4	102.9	98.5	94.0	89.4	85.0	81.3	77.7	73.9	69.9
-80°	77.4	76.2	74.5	71.7	68.9	66.1	63.3	60.5	57.6	54.6	51.4
-82.5°	51.9	50.8	49.6	48.2	46.8	45.2	43.5	41.2	38.6	35.8	32.9
-85°	30.6	30.0	29.3	28.5	27.7	26.8	25.8	24.3	22.8	21.4	20.0
-87.5°	12.4	12.2	12.0	11.7	11.4	11.1	10.8	10.5	10.1	9.7	9.3
-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: P627149 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-730-U-NR-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°	8.9	8.5	8.0	7.6	7.1	6.6	6.1	5.6	5.1	4.5	4.0
85°	19.3	18.4	17.3	16.1	14.7	13.2	12.2	11.1	10.1	9.0	7.9
82.5°	31.2	30.1	28.9	27.4	25.3	23.0	20.8	18.4	16.1	13.7	11.9
80°	48.3	45.4	42.5	39.6	36.3	32.8	29.8	26.7	23.6	20.4	17.1
77.5°	65.7	61.4	56.9	52.7	48.5	44.2	39.8	35.3	31.0	27.0	23.0
75°	83.3	78.0	72.6	67.1	61.3	55.5	50.2	44.8	39.3	33.7	28.8
72.5°	103.0	96.1	89.0	81.8	75.1	68.2	61.2	54.3	47.9	41.3	34.7
70°	123.4	114.9	106.5	98.4	89.8	80.9	72.9	64.7	56.3	48.9	41.3
67.5°	144.8	136.2	126.2	115.5	105.8	95.7	84.8	75.2	65.8	56.3	47.9
65°	168.4	157.5	147.2	134.7	122.5	110.8	99.0	86.2	75.2	64.7	54.3
62.5°	191.3	178.3	165.9	153.1	139.7	126.2	112.9	98.6	84.7	72.9	61.2
60°	214.1	199.6	184.2	169.7	155.7	141.5	126.4	110.7	95.4	80.9	68.2
57.5°	235.7	220.5	203.0	186.0	170.4	155.5	139.4	122.3	105.7	89.7	75.1
55°	255.8	238.9	220.7	202.3	184.7	168.4	151.6	133.5	115.7	98.4	81.6
52.5°	274.2	256.6	237.3	217.7	198.5	180.7	163.0	144.2	125.2	106.8	88.7
50°	291.5	274.2	253.7	232.7	211.6	192.8	174.2	154.6	134.3	114.8	95.6
47.5°	306.4	290.0	270.1	247.4	225.0	204.8	185.3	164.7	143.0	122.4	102.3
45°	318.6	304.6	285.5	262.6	238.6	217.2	196.1	174.5	151.9	129.8	108.7
42.5°	329.9	316.9	299.7	277.5	252.6	229.4	206.7	184.2	160.5	136.8	114.9
40°	341.5	327.7	312.8	290.5	265.7	241.2	217.3	193.5	168.9	143.7	120.7
37.5°	352.2	337.9	322.8	302.6	277.5	252.2	227.6	202.5	176.6	150.6	126.3
35°	363.2	347.2	331.6	312.1	287.8	262.2	237.3	211.2	184.0	157.1	131.5
32.5°	373.7	355.7	338.9	319.8	297.2	271.2	245.9	218.8	190.8	163.0	136.5
30°	383.2	363.7	345.9	327.3	305.2	279.2	253.2	225.7	197.2	168.4	141.1
27.5°	390.8	370.4	352.6	333.7	311.6	286.3	259.6	231.9	203.1	173.4	145.5
25°	398.4	376.5	358.0	339.5	317.6	293.4	265.6	237.3	208.2	178.1	149.4
22.5°	406.9	382.2	362.1	345.1	323.7	300.3	271.3	242.1	212.7	182.4	152.9
20°	414.4	387.1	365.3	349.4	328.6	305.5	276.7	246.4	216.5	186.1	156.0
17.5°	420.9	392.4	369.4	352.0	332.4	309.9	281.7	250.2	219.8	189.4	158.6
15°	427.8	398.0	373.1	354.1	335.5	313.6	286.2	253.4	222.4	192.2	160.9
12.5°	433.9	402.5	376.1	355.7	337.8	316.6	290.2	256.2	224.4	194.5	163.1
10°	438.9	405.9	378.3	356.9	339.5	318.9	293.7	258.8	226.6	196.3	164.9
7.5°	442.9	408.4	379.7	357.5	340.6	320.7	296.6	261.8	228.5	197.5	166.4
5°	445.8	410.3	381.9	359.5	342.0	322.1	298.6	264.3	229.9	198.2	167.4
2.5°	448.0	411.9	384.3	361.5	342.8	323.0	299.8	266.1	230.7	198.4	168.1
0°	448.7	412.4	386.0	362.9	343.1	323.3	300.2	267.2	231.0	198.0	168.3
-2.5°	448.0	411.9	384.3	361.5	342.8	323.0	299.8	266.1	230.7	198.4	168.1
-5°	445.8	410.3	381.9	359.5	342.0	322.1	298.6	264.3	229.9	198.2	167.4
-7.5°	442.9	408.4	379.7	357.5	340.6	320.7	296.6	261.8	228.5	197.5	166.4
-10°	438.9	405.9	378.3	356.9	339.5	318.9	293.7	258.8	226.6	196.3	164.9
-12.5°	433.9	402.5	376.1	355.7	337.8	316.6	290.2	256.2	224.4	194.5	163.1
-15°	427.8	398.0	373.1	354.1	335.5	313.6	286.2	253.4	222.4	192.2	160.9
-17.5°	420.9	392.4	369.4	352.0	332.4	309.9	281.7	250.2	219.8	189.4	158.6
-20°	414.4	387.1	365.3	349.4	328.6	305.5	276.7	246.4	216.5	186.1	156.0

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CATALOG NUMBER: GFLD-SA3C-730-U-NR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	406.9	382.2	362.1	345.1	323.7	300.3	271.3	242.1	212.7	182.4	152.9
-25°	398.4	376.5	358.0	339.5	317.6	293.4	265.6	237.3	208.2	178.1	149.4
-27.5°	390.8	370.4	352.6	333.7	311.6	286.3	259.6	231.9	203.1	173.4	145.5
-30°	383.2	363.7	345.9	327.3	305.2	279.2	253.2	225.7	197.2	168.4	141.1
-32.5°	373.7	355.7	338.9	319.8	297.2	271.2	245.9	218.8	190.8	163.0	136.5
-35°	363.2	347.2	331.6	312.1	287.8	262.2	237.3	211.2	184.0	157.1	131.5
-37.5°	352.2	337.9	322.8	302.6	277.5	252.2	227.6	202.5	176.6	150.6	126.3
-40°	341.5	327.7	312.8	290.5	265.7	241.2	217.3	193.5	168.9	143.7	120.7
-42.5°	329.9	316.9	299.7	277.5	252.6	229.4	206.7	184.2	160.5	136.8	114.9
-45°	318.6	304.6	285.5	262.6	238.6	217.2	196.1	174.5	151.9	129.8	108.7
-47.5°	306.4	290.0	270.1	247.4	225.0	204.8	185.3	164.7	143.0	122.4	102.3
-50°	291.5	274.2	253.7	232.7	211.6	192.8	174.2	154.6	134.3	114.8	95.6
-52.5°	274.2	256.6	237.3	217.7	198.5	180.7	163.0	144.2	125.2	106.8	88.7
-55°	255.8	238.9	220.7	202.3	184.7	168.4	151.6	133.5	115.7	98.4	81.6
-57.5°	235.7	220.5	203.0	186.0	170.4	155.5	139.4	122.3	105.7	89.7	75.1
-60°	214.1	199.6	184.2	169.7	155.7	141.5	126.4	110.7	95.4	80.9	68.2
-62.5°	191.3	178.3	165.9	153.1	139.7	126.2	112.9	98.6	84.7	72.9	61.2
-65°	168.4	157.5	147.2	134.7	122.5	110.8	99.0	86.2	75.2	64.7	54.3
-67.5°	144.8	136.2	126.2	115.5	105.8	95.7	84.8	75.2	65.8	56.3	47.9
-70°	123.4	114.9	106.5	98.4	89.8	80.9	72.9	64.7	56.3	48.9	41.3
-72.5°	103.0	96.1	89.0	81.8	75.1	68.2	61.2	54.3	47.9	41.3	34.7
-75°	83.3	78.0	72.6	67.1	61.3	55.5	50.2	44.8	39.3	33.7	28.8
-77.5°	65.7	61.4	56.9	52.7	48.5	44.2	39.8	35.3	31.0	27.0	23.0
-80°	48.3	45.4	42.5	39.6	36.3	32.8	29.8	26.7	23.6	20.4	17.1
-82.5°	31.2	30.1	28.9	27.4	25.3	23.0	20.8	18.4	16.1	13.7	11.9
-85°	19.3	18.4	17.3	16.1	14.7	13.2	12.2	11.1	10.1	9.0	7.9
-87.5°	8.9	8.5	8.0	7.6	7.1	6.6	6.1	5.6	5.1	4.5	4.0
-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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CATALOG NUMBER: GFLD-SA3C-730-U-NR-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°	3.4	2.9	2.3	1.7	1.1	0.5	0.0
85°	6.8	5.7	4.6	3.4	2.3	1.0	0.0
82.5°	10.2	8.5	6.9	5.2	3.4	1.5	0.0
80°	13.8	11.4	9.1	6.9	4.6	2.0	0.0
77.5°	18.8	14.6	11.4	8.5	5.7	2.5	0.0
75°	23.7	18.6	13.7	10.2	6.8	3.0	0.0
72.5°	28.6	22.5	16.8	11.9	7.8	3.4	0.0
70°	33.4	26.3	19.7	13.6	8.9	3.9	0.0
67.5°	39.0	30.0	22.6	15.7	9.9	4.4	0.0
65°	44.4	34.1	25.4	17.7	10.9	4.8	0.0
62.5°	49.7	38.5	28.1	19.7	11.8	5.2	0.0
60°	54.9	42.8	30.8	21.6	12.7	5.7	0.0
57.5°	60.6	47.1	34.1	23.5	13.9	6.1	0.0
55°	66.2	51.1	37.4	25.3	15.1	6.5	0.0
52.5°	71.6	55.2	40.5	27.0	16.2	6.8	0.0
50°	76.9	59.6	43.6	28.7	17.3	7.2	0.0
47.5°	82.1	63.8	46.5	30.4	18.4	7.5	0.0
45°	87.6	67.9	49.4	32.5	19.5	7.8	0.0
42.5°	92.8	71.7	52.1	34.6	20.5	8.1	0.0
40°	97.8	75.4	54.8	36.5	21.4	8.4	0.0
37.5°	102.6	78.9	57.6	38.4	22.3	8.7	0.0
35°	107.0	82.5	60.2	40.2	23.2	8.9	0.0
32.5°	111.2	85.9	62.7	41.9	24.0	9.1	0.0
30°	115.1	89.2	64.9	43.5	24.8	9.3	0.0
27.5°	118.7	92.2	67.2	44.9	25.6	9.5	0.0
25°	122.0	94.9	69.2	46.3	26.2	9.6	0.0
22.5°	125.0	97.4	71.1	47.5	26.9	9.7	0.0
20°	127.7	99.5	72.8	48.6	27.4	9.8	0.0
17.5°	129.9	101.3	74.3	49.6	28.0	9.9	0.0
15°	131.7	102.8	75.6	50.4	28.4	10.0	0.0
12.5°	133.2	104.0	76.7	51.1	28.8	10.0	0.0
10°	134.3	104.9	77.6	51.7	29.1	10.0	0.0
7.5°	135.1	105.5	78.3	52.2	29.4	10.0	0.0
5°	135.5	105.8	78.8	52.5	29.6	10.0	0.0
2.5°	135.6	105.8	79.1	52.7	29.7	10.0	0.0
0°	135.3	105.6	79.2	52.8	29.7	9.9	0.0
-2.5°	135.6	105.8	79.1	52.7	29.7	10.0	0.0
-5°	135.5	105.8	78.8	52.5	29.6	10.0	0.0
-7.5°	135.1	105.5	78.3	52.2	29.4	10.0	0.0
-10°	134.3	104.9	77.6	51.7	29.1	10.0	0.0
-12.5°	133.2	104.0	76.7	51.1	28.8	10.0	0.0
-15°	131.7	102.8	75.6	50.4	28.4	10.0	0.0
-17.5°	129.9	101.3	74.3	49.6	28.0	9.9	0.0
-20°	127.7	99.5	72.8	48.6	27.4	9.8	0.0

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CATALOG NUMBER: GFLD-SA3C-730-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	125.0	97.4	71.1	47.5	26.9	9.7	0.0
-25°	122.0	94.9	69.2	46.3	26.2	9.6	0.0
-27.5°	118.7	92.2	67.2	44.9	25.6	9.5	0.0
-30°	115.1	89.2	64.9	43.5	24.8	9.3	0.0
-32.5°	111.2	85.9	62.7	41.9	24.0	9.1	0.0
-35°	107.0	82.5	60.2	40.2	23.2	8.9	0.0
-37.5°	102.6	78.9	57.6	38.4	22.3	8.7	0.0
-40°	97.8	75.4	54.8	36.5	21.4	8.4	0.0
-42.5°	92.8	71.7	52.1	34.6	20.5	8.1	0.0
-45°	87.6	67.9	49.4	32.5	19.5	7.8	0.0
-47.5°	82.1	63.8	46.5	30.4	18.4	7.5	0.0
-50°	76.9	59.6	43.6	28.7	17.3	7.2	0.0
-52.5°	71.6	55.2	40.5	27.0	16.2	6.8	0.0
-55°	66.2	51.1	37.4	25.3	15.1	6.5	0.0
-57.5°	60.6	47.1	34.1	23.5	13.9	6.1	0.0
-60°	54.9	42.8	30.8	21.6	12.7	5.7	0.0
-62.5°	49.7	38.5	28.1	19.7	11.8	5.2	0.0
-65°	44.4	34.1	25.4	17.7	10.9	4.8	0.0
-67.5°	39.0	30.0	22.6	15.7	9.9	4.4	0.0
-70°	33.4	26.3	19.7	13.6	8.9	3.9	0.0
-72.5°	28.6	22.5	16.8	11.9	7.8	3.4	0.0
-75°	23.7	18.6	13.7	10.2	6.8	3.0	0.0
-77.5°	18.8	14.6	11.4	8.5	5.7	2.5	0.0
-80°	13.8	11.4	9.1	6.9	4.6	2.0	0.0
-82.5°	10.2	8.5	6.9	5.2	3.4	1.5	0.0
-85°	6.8	5.7	4.6	3.4	2.3	1.0	0.0
-87.5°	3.4	2.9	2.3	1.7	1.1	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)