

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: P627325 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4B-730-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627325 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA4B-730-U-MR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N90
Light Source: (64) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

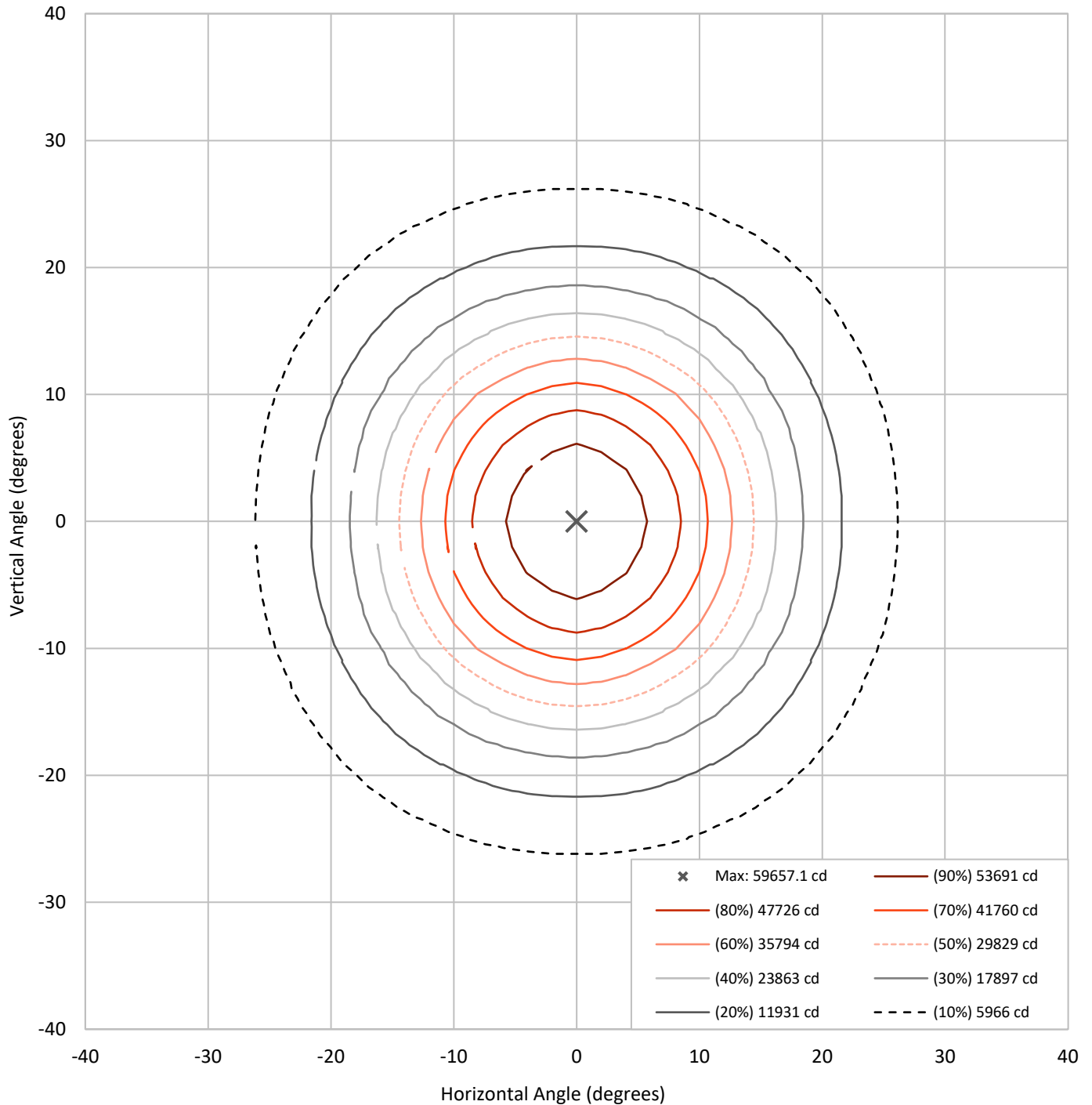
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	18638.9 lumens	Max Intensity:	59657.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	143.9 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	9062 lumens	Field Lumens:	15293 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	129.5		
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





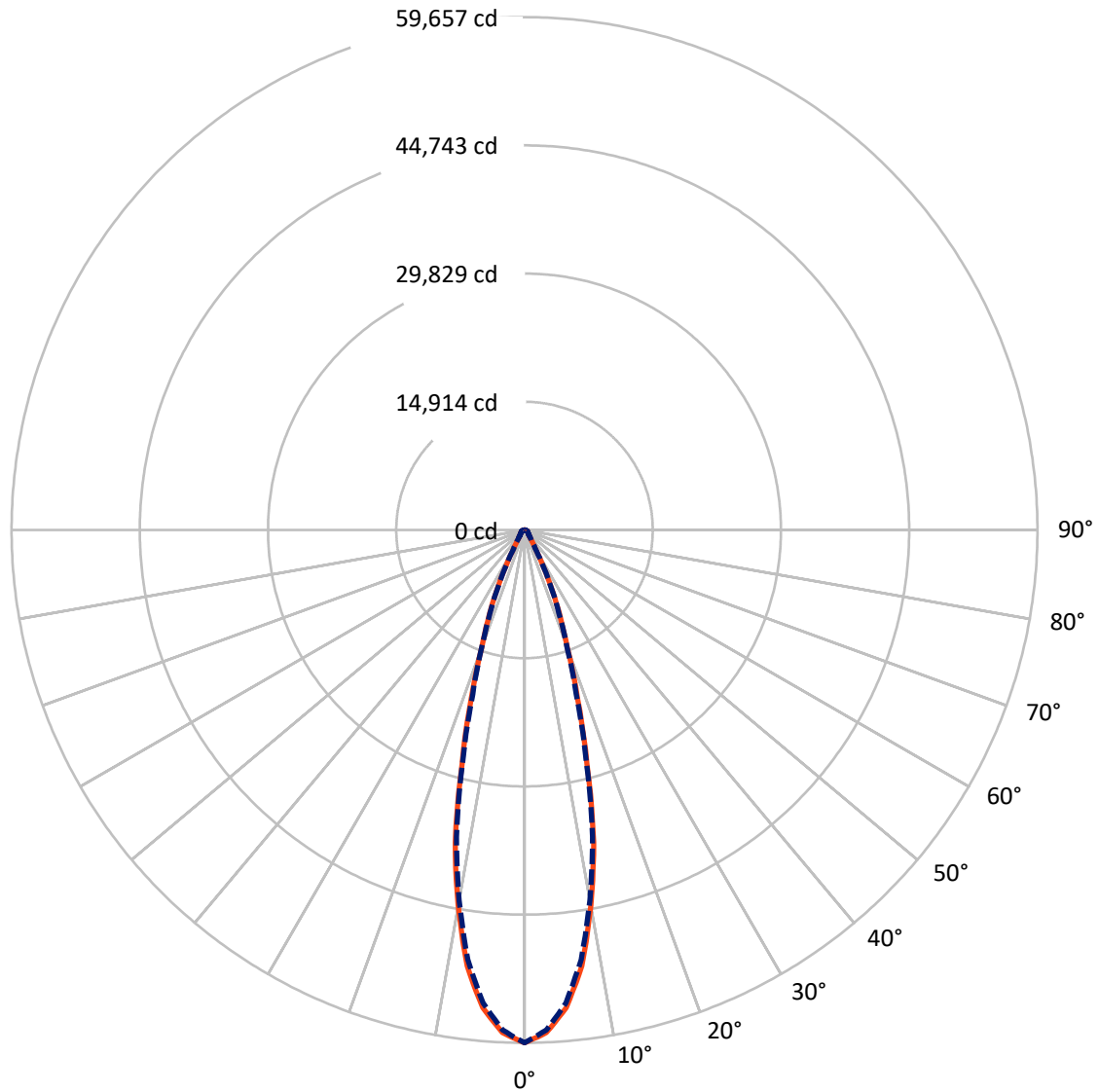
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Lumen Table

90																			
80	0.4	3.1		8.1		12.8		14.2		12.8		8.1		3.1		0.4			
70																			
60	1.4	1.6	3.2	5.3	7.4	9.0	10.1	10.6	10.6	10.1	9.0	7.4	5.3	3.2	1.6	1.4			
50		2.4	4.8	7.8	10.4	12.8	14.4	14.9	14.9	14.4	12.8	10.4	7.8	4.8	2.4				
40	2.5	3.1	6.2	9.6	12.8	16.1	19.0	20.4	20.4	19.0	16.1	12.8	9.6	6.2	3.1	2.5			
30		3.6	7.2	11.1	15.7	22.3	32.3	42.0	42.0	32.3	22.3	15.7	11.1	7.2	3.6				
20	3.2	4.0	7.9	12.5	20.0	43.6	122.7	217.6	217.6	122.7	43.6	20.0	12.5	7.9	4.0	3.2			
10		4.3	8.3	13.6	27.3	114.4	407.7	781.3	781.3	407.7	114.4	27.3	13.6	8.3	4.3				
0	3.4	4.5	8.5	14.3	34.7	197.5	754.7	1484.4	1484.4	754.7	197.5	34.7	14.3	8.5	4.5	3.4			
-10		4.5	8.5	14.3	34.7	197.5	754.7	1484.4	1484.4	754.7	197.5	34.7	14.3	8.5	4.5				
-20	3.2	4.3	8.3	13.6	27.3	114.4	407.7	781.3	781.3	407.7	114.4	27.3	13.6	8.3	4.3	3.2			
-30		4.0	7.9	12.5	20.0	43.6	122.7	217.6	217.6	122.7	43.6	20.0	12.5	7.9	4.0				
-40	2.5	3.6	7.2	11.1	15.7	22.3	32.3	42.0	42.0	32.3	22.3	15.7	11.1	7.2	3.6	2.5			
-50		3.1	6.2	9.6	12.8	16.1	19.0	20.4	20.4	19.0	16.1	12.8	9.6	6.2	3.1				
-60	1.4	2.4	4.8	7.8	10.4	12.8	14.4	14.9	14.9	14.4	12.8	10.4	7.8	4.8	2.4	1.4			
-70		1.6	3.2	5.3	7.4	9.0	10.1	10.6	10.6	10.1	9.0	7.4	5.3	3.2	1.6				
-80																			
-90	0.4	3.1		8.1		12.8		14.2		12.8		8.1		3.1		0.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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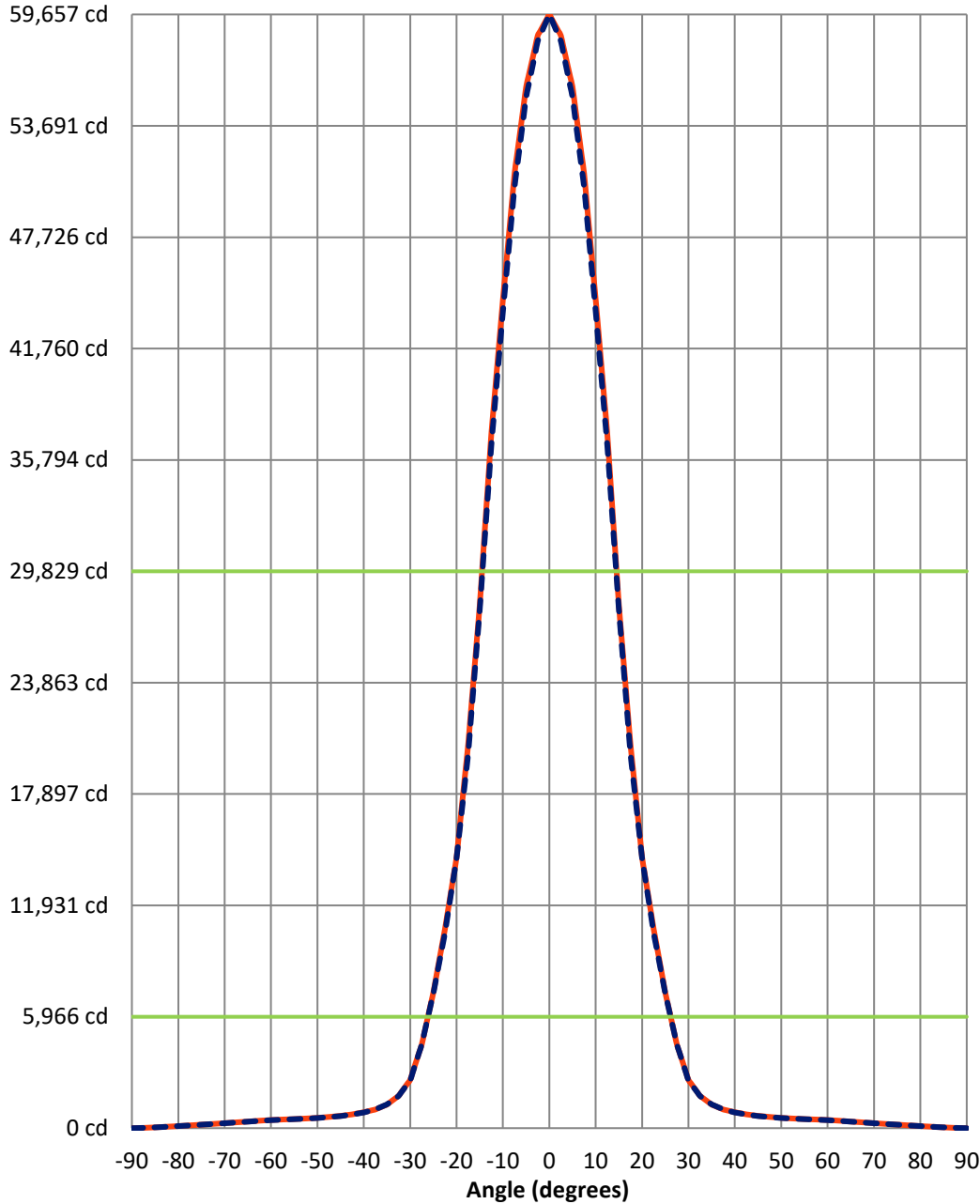
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 9062
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 15293
 Efficiency: 82.0%

Spill:
 Lumens: 3346
 Efficiency: 18.0%

— 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	0.7	1.3	2.0	2.7	3.3	4.0	4.6	5.2	5.9	6.5
85°	0.0	1.3	2.7	4.0	5.3	6.6	7.9	9.2	10.5	11.7	12.9
82.5°	0.0	2.0	4.0	6.0	7.9	9.9	11.8	13.8	16.0	19.6	23.4
80°	0.0	2.7	5.3	7.9	10.6	13.2	16.1	20.8	25.7	30.8	36.2
77.5°	0.0	3.3	6.6	9.9	13.2	17.3	22.9	28.9	35.3	41.9	49.2
75°	0.0	4.0	7.9	11.8	16.1	22.9	29.7	36.9	44.9	54.2	63.3
72.5°	0.0	4.6	9.2	13.8	20.6	28.5	36.4	45.4	56.2	66.8	77.3
70°	0.0	5.2	10.5	15.9	25.0	34.0	43.2	55.1	67.3	79.3	92.3
67.5°	0.0	5.9	11.7	19.2	29.3	39.4	51.5	64.8	78.3	93.0	107.4
65°	0.0	6.5	12.9	22.4	33.6	45.5	59.8	74.2	90.3	106.4	122.7
62.5°	0.0	7.1	14.1	25.5	37.8	52.3	67.8	84.2	102.0	119.7	138.4
60°	0.0	7.6	15.3	28.6	41.9	58.8	75.7	94.3	113.5	133.2	153.6
57.5°	0.0	8.2	17.3	31.6	47.0	65.3	84.0	104.1	124.9	146.3	168.7
55°	0.0	8.8	19.2	34.5	52.0	71.5	92.1	113.7	135.9	159.1	183.5
52.5°	0.0	9.3	21.1	37.4	56.8	77.6	99.9	122.9	146.6	172.0	197.8
50°	0.0	9.8	22.9	40.1	61.5	83.8	107.3	131.9	157.0	184.5	211.1
47.5°	0.0	10.3	24.7	42.9	66.1	89.7	114.5	140.5	167.7	196.5	223.7
45°	0.0	10.8	26.4	46.2	70.4	95.4	121.6	148.8	178.0	207.2	235.6
42.5°	0.0	11.3	28.0	49.3	74.6	100.7	128.4	157.1	187.8	217.2	246.5
40°	0.0	11.7	29.5	52.3	78.6	105.8	134.9	165.2	196.8	226.6	256.8
37.5°	0.0	12.1	31.0	55.0	82.4	110.5	141.0	172.7	204.8	235.6	266.6
35°	0.0	12.5	32.4	57.6	86.0	115.2	146.8	179.7	212.3	244.1	275.8
32.5°	0.0	12.9	33.7	59.9	89.4	119.7	152.3	186.2	219.3	252.1	284.7
30°	0.0	13.2	34.9	62.1	92.5	123.9	157.4	192.1	225.8	259.5	293.0
27.5°	0.0	13.6	36.0	64.1	95.3	127.8	162.2	197.3	231.9	266.3	300.6
25°	0.0	13.9	37.1	65.9	97.8	131.3	166.4	202.1	237.3	272.5	307.6
22.5°	0.0	14.1	38.0	67.4	100.2	134.5	170.3	206.4	242.3	278.1	314.6
20°	0.0	14.4	38.9	68.8	102.4	137.3	173.6	210.1	246.6	283.0	320.8
17.5°	0.0	14.6	39.6	70.0	104.4	139.6	176.6	213.4	250.4	287.4	326.2
15°	0.0	14.8	40.3	71.0	106.1	141.6	179.4	216.5	253.6	291.0	330.8
12.5°	0.0	14.9	40.8	71.8	107.6	143.2	181.8	219.3	256.6	294.0	334.5
10°	0.0	15.1	41.3	72.3	108.8	144.4	183.9	221.7	259.4	297.6	338.1
7.5°	0.0	15.2	41.6	72.7	109.8	145.2	185.5	223.5	261.5	300.7	341.9
5°	0.0	15.2	41.9	72.9	110.5	145.7	186.6	224.8	263.0	303.3	345.0
2.5°	0.0	15.3	42.0	73.0	111.0	145.8	187.4	225.6	263.9	305.1	347.2
0°	0.0	15.3	42.1	72.8	111.1	145.5	187.6	225.9	264.2	306.3	348.5
-2.5°	0.0	15.3	42.0	73.0	111.0	145.8	187.4	225.6	263.9	305.1	347.2
-5°	0.0	15.2	41.9	72.9	110.5	145.7	186.6	224.8	263.0	303.3	345.0
-7.5°	0.0	15.2	41.6	72.7	109.8	145.2	185.5	223.5	261.5	300.7	341.9
-10°	0.0	15.1	41.3	72.3	108.8	144.4	183.9	221.7	259.4	297.6	338.1
-12.5°	0.0	14.9	40.8	71.8	107.6	143.2	181.8	219.3	256.6	294.0	334.5
-15°	0.0	14.8	40.3	71.0	106.1	141.6	179.4	216.5	253.6	291.0	330.8
-17.5°	0.0	14.6	39.6	70.0	104.4	139.6	176.6	213.4	250.4	287.4	326.2
-20°	0.0	14.4	38.9	68.8	102.4	137.3	173.6	210.1	246.6	283.0	320.8

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CATALOG NUMBER: GFLD-SA4B-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	14.1	38.0	67.4	100.2	134.5	170.3	206.4	242.3	278.1	314.6
-25°	0.0	13.9	37.1	65.9	97.8	131.3	166.4	202.1	237.3	272.5	307.6
-27.5°	0.0	13.6	36.0	64.1	95.3	127.8	162.2	197.3	231.9	266.3	300.6
-30°	0.0	13.2	34.9	62.1	92.5	123.9	157.4	192.1	225.8	259.5	293.0
-32.5°	0.0	12.9	33.7	59.9	89.4	119.7	152.3	186.2	219.3	252.1	284.7
-35°	0.0	12.5	32.4	57.6	86.0	115.2	146.8	179.7	212.3	244.1	275.8
-37.5°	0.0	12.1	31.0	55.0	82.4	110.5	141.0	172.7	204.8	235.6	266.6
-40°	0.0	11.7	29.5	52.3	78.6	105.8	134.9	165.2	196.8	226.6	256.8
-42.5°	0.0	11.3	28.0	49.3	74.6	100.7	128.4	157.1	187.8	217.2	246.5
-45°	0.0	10.8	26.4	46.2	70.4	95.4	121.6	148.8	178.0	207.2	235.6
-47.5°	0.0	10.3	24.7	42.9	66.1	89.7	114.5	140.5	167.7	196.5	223.7
-50°	0.0	9.8	22.9	40.1	61.5	83.8	107.3	131.9	157.0	184.5	211.1
-52.5°	0.0	9.3	21.1	37.4	56.8	77.6	99.9	122.9	146.6	172.0	197.8
-55°	0.0	8.8	19.2	34.5	52.0	71.5	92.1	113.7	135.9	159.1	183.5
-57.5°	0.0	8.2	17.3	31.6	47.0	65.3	84.0	104.1	124.9	146.3	168.7
-60°	0.0	7.6	15.3	28.6	41.9	58.8	75.7	94.3	113.5	133.2	153.6
-62.5°	0.0	7.1	14.1	25.5	37.8	52.3	67.8	84.2	102.0	119.7	138.4
-65°	0.0	6.5	12.9	22.4	33.6	45.5	59.8	74.2	90.3	106.4	122.7
-67.5°	0.0	5.9	11.7	19.2	29.3	39.4	51.5	64.8	78.3	93.0	107.4
-70°	0.0	5.2	10.5	15.9	25.0	34.0	43.2	55.1	67.3	79.3	92.3
-72.5°	0.0	4.6	9.2	13.8	20.6	28.5	36.4	45.4	56.2	66.8	77.3
-75°	0.0	4.0	7.9	11.8	16.1	22.9	29.7	36.9	44.9	54.2	63.3
-77.5°	0.0	3.3	6.6	9.9	13.2	17.3	22.9	28.9	35.3	41.9	49.2
-80°	0.0	2.7	5.3	7.9	10.6	13.2	16.1	20.8	25.7	30.8	36.2
-82.5°	0.0	2.0	4.0	6.0	7.9	9.9	11.8	13.8	16.0	19.6	23.4
-85°	0.0	1.3	2.7	4.0	5.3	6.6	7.9	9.2	10.5	11.7	12.9
-87.5°	0.0	0.7	1.3	2.0	2.7	3.3	4.0	4.6	5.2	5.9	6.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	7.1	7.6	8.2	8.8	9.3	9.8	10.3	10.8	11.3	11.7	12.1
85°	14.1	15.3	17.6	19.8	21.9	24.0	26.1	28.0	29.8	31.6	33.3
82.5°	27.0	30.6	34.0	37.3	40.6	43.7	46.7	49.6	52.4	55.0	57.6
80°	41.1	45.8	50.5	54.8	59.1	63.2	67.3	71.1	74.8	78.8	83.0
77.5°	55.9	61.9	67.3	72.3	77.7	84.2	90.5	96.6	102.4	107.9	113.2
75°	71.2	78.0	85.5	92.8	100.6	108.4	116.0	123.3	130.5	137.8	145.1
72.5°	87.2	96.5	105.6	114.3	124.0	133.5	142.3	150.2	159.3	169.2	178.2
70°	104.3	115.0	126.4	137.6	148.6	159.2	170.1	180.9	191.9	202.6	212.8
67.5°	121.4	134.9	148.0	160.8	173.3	186.0	198.8	212.0	224.6	236.8	248.6
65°	139.7	154.7	169.4	183.7	197.6	213.1	228.4	243.0	259.1	273.9	286.9
62.5°	157.5	174.3	190.5	206.7	223.6	240.8	258.4	276.8	295.9	309.7	321.6
60°	174.6	193.6	211.7	230.2	249.1	268.4	288.6	308.3	325.7	340.8	353.3
57.5°	191.3	212.5	232.6	252.8	273.3	295.3	317.6	337.7	353.9	368.4	382.1
55°	207.5	231.0	252.3	273.8	297.1	322.9	345.8	363.9	380.5	392.5	405.6
52.5°	222.8	248.0	270.4	294.4	321.1	347.9	370.6	388.2	402.2	414.6	427.4
50°	237.5	262.9	287.7	315.0	343.2	370.1	393.1	409.3	423.3	436.2	448.5
47.5°	250.9	277.2	305.2	334.4	363.9	390.4	412.5	429.0	443.6	456.8	470.4
45°	263.4	291.8	321.5	353.5	383.7	410.0	430.1	447.8	461.8	476.7	493.7
42.5°	275.5	305.7	338.0	372.1	403.0	427.1	446.5	463.5	479.6	497.6	516.5
40°	287.3	318.8	353.7	389.5	421.0	441.9	461.3	479.3	498.0	518.3	538.9
37.5°	298.3	332.1	368.4	405.8	434.3	455.9	476.0	496.1	517.0	538.9	564.5
35°	308.4	344.4	382.5	418.6	445.9	469.6	491.1	512.9	536.3	563.1	591.3
32.5°	318.3	355.6	395.6	429.4	456.6	481.8	505.6	530.3	557.0	586.5	618.8
30°	327.9	366.5	407.0	440.5	466.1	491.9	519.8	547.3	577.0	609.8	647.6
27.5°	337.3	376.7	416.6	449.1	474.5	500.7	530.6	564.0	596.5	632.3	676.3
25°	345.9	387.1	426.0	456.0	481.6	509.1	540.4	575.9	614.1	656.7	710.6
22.5°	354.1	396.5	434.9	461.8	487.6	516.4	550.1	587.6	629.2	678.6	744.4
20°	361.7	403.9	440.9	467.2	492.5	522.3	558.5	598.0	645.5	705.4	784.0
17.5°	368.4	410.1	445.0	471.6	497.7	528.3	565.6	606.8	660.2	729.0	822.1
15°	374.0	415.2	448.6	475.0	502.1	534.6	572.9	617.8	676.3	752.2	854.9
12.5°	378.7	419.1	451.5	477.4	505.5	539.2	579.2	628.4	692.3	777.4	899.2
10°	382.4	422.0	453.9	479.0	507.9	542.2	584.1	636.7	705.3	798.5	937.2
7.5°	386.0	424.6	455.5	479.6	509.3	543.8	587.5	642.6	714.9	814.3	967.4
5°	388.6	427.0	456.5	481.0	510.2	544.5	589.8	646.0	720.8	824.8	988.8
2.5°	390.1	428.4	456.5	482.1	510.3	544.8	592.5	647.9	727.4	833.6	1001.0
0°	390.6	428.9	455.7	482.5	509.3	543.8	593.5	647.2	731.4	838.6	1003.3
-2.5°	390.1	428.4	456.5	482.1	510.3	544.8	592.5	647.9	727.4	833.6	1001.0
-5°	388.6	427.0	456.5	481.0	510.2	544.5	589.8	646.0	720.8	824.8	988.8
-7.5°	386.0	424.6	455.5	479.6	509.3	543.8	587.5	642.6	714.9	814.3	967.4
-10°	382.4	422.0	453.9	479.0	507.9	542.2	584.1	636.7	705.3	798.5	937.2
-12.5°	378.7	419.1	451.5	477.4	505.5	539.2	579.2	628.4	692.3	777.4	899.2
-15°	374.0	415.2	448.6	475.0	502.1	534.6	572.9	617.8	676.3	752.2	854.9
-17.5°	368.4	410.1	445.0	471.6	497.7	528.3	565.6	606.8	660.2	729.0	822.1
-20°	361.7	403.9	440.9	467.2	492.5	522.3	558.5	598.0	645.5	705.4	784.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627325 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	354.1	396.5	434.9	461.8	487.6	516.4	550.1	587.6	629.2	678.6	744.4
-25°	345.9	387.1	426.0	456.0	481.6	509.1	540.4	575.9	614.1	656.7	710.6
-27.5°	337.3	376.7	416.6	449.1	474.5	500.7	530.6	564.0	596.5	632.3	676.3
-30°	327.9	366.5	407.0	440.5	466.1	491.9	519.8	547.3	577.0	609.8	647.6
-32.5°	318.3	355.6	395.6	429.4	456.6	481.8	505.6	530.3	557.0	586.5	618.8
-35°	308.4	344.4	382.5	418.6	445.9	469.6	491.1	512.9	536.3	563.1	591.3
-37.5°	298.3	332.1	368.4	405.8	434.3	455.9	476.0	496.1	517.0	538.9	564.5
-40°	287.3	318.8	353.7	389.5	421.0	441.9	461.3	479.3	498.0	518.3	538.9
-42.5°	275.5	305.7	338.0	372.1	403.0	427.1	446.5	463.5	479.6	497.6	516.5
-45°	263.4	291.8	321.5	353.5	383.7	410.0	430.1	447.8	461.8	476.7	493.7
-47.5°	250.9	277.2	305.2	334.4	363.9	390.4	412.5	429.0	443.6	456.8	470.4
-50°	237.5	262.9	287.7	315.0	343.2	370.1	393.1	409.3	423.3	436.2	448.5
-52.5°	222.8	248.0	270.4	294.4	321.1	347.9	370.6	388.2	402.2	414.6	427.4
-55°	207.5	231.0	252.3	273.8	297.1	322.9	345.8	363.9	380.5	392.5	405.6
-57.5°	191.3	212.5	232.6	252.8	273.3	295.3	317.6	337.7	353.9	368.4	382.1
-60°	174.6	193.6	211.7	230.2	249.1	268.4	288.6	308.3	325.7	340.8	353.3
-62.5°	157.5	174.3	190.5	206.7	223.6	240.8	258.4	276.8	295.9	309.7	321.6
-65°	139.7	154.7	169.4	183.7	197.6	213.1	228.4	243.0	259.1	273.9	286.9
-67.5°	121.4	134.9	148.0	160.8	173.3	186.0	198.8	212.0	224.6	236.8	248.6
-70°	104.3	115.0	126.4	137.6	148.6	159.2	170.1	180.9	191.9	202.6	212.8
-72.5°	87.2	96.5	105.6	114.3	124.0	133.5	142.3	150.2	159.3	169.2	178.2
-75°	71.2	78.0	85.5	92.8	100.6	108.4	116.0	123.3	130.5	137.8	145.1
-77.5°	55.9	61.9	67.3	72.3	77.7	84.2	90.5	96.6	102.4	107.9	113.2
-80°	41.1	45.8	50.5	54.8	59.1	63.2	67.3	71.1	74.8	78.8	83.0
-82.5°	27.0	30.6	34.0	37.3	40.6	43.7	46.7	49.6	52.4	55.0	57.6
-85°	14.1	15.3	17.6	19.8	21.9	24.0	26.1	28.0	29.8	31.6	33.3
-87.5°	7.1	7.6	8.2	8.8	9.3	9.8	10.3	10.8	11.3	11.7	12.1
-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: P627325 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-730-U-MR-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°	12.5	12.9	13.2	13.6	13.9	14.1	14.4	14.6	14.8	14.9	15.1
85°	34.9	36.4	37.8	39.0	40.2	40.5	40.6	40.5	40.3	40.8	41.3
82.5°	59.9	62.6	65.3	68.0	70.6	71.6	72.3	72.8	73.1	74.1	75.0
80°	87.0	91.2	95.2	98.7	101.8	104.0	106.1	107.9	109.6	110.4	110.8
77.5°	118.5	123.6	128.4	132.9	137.0	140.3	142.9	145.0	146.7	147.7	148.4
75°	152.3	158.8	164.6	170.0	175.0	178.4	180.8	182.6	183.8	185.1	186.1
72.5°	186.5	193.9	200.8	207.3	213.0	217.0	219.8	222.1	223.8	225.0	225.7
70°	222.5	231.3	238.9	245.4	250.5	254.4	257.4	259.9	261.7	263.0	263.7
67.5°	259.7	269.2	276.3	281.9	286.6	290.7	294.4	297.2	299.0	300.9	302.8
65°	297.6	307.3	314.6	320.6	325.5	330.8	335.6	339.1	341.5	343.7	345.9
62.5°	333.3	344.3	352.7	360.6	368.5	376.1	380.4	383.8	386.3	388.4	390.9
60°	365.8	378.1	388.5	398.0	407.8	417.6	421.6	424.8	427.8	430.6	433.1
57.5°	394.5	407.7	420.2	429.7	439.0	448.2	454.5	458.0	460.3	461.6	462.6
55°	419.6	432.7	445.2	456.1	466.3	475.7	482.7	486.1	488.6	490.2	491.2
52.5°	442.0	456.1	469.5	481.6	492.5	502.6	511.4	516.1	519.8	522.5	523.4
50°	464.1	479.3	493.8	506.7	519.4	531.6	542.7	549.2	553.7	556.6	557.5
47.5°	487.1	503.6	519.3	534.3	548.7	563.1	576.4	585.2	591.7	596.5	600.0
45°	511.1	528.8	546.2	563.9	580.5	599.0	615.7	628.6	638.1	646.4	653.0
42.5°	535.1	555.1	575.0	597.8	620.5	641.5	661.5	678.6	694.1	709.4	721.3
40°	561.4	583.2	610.5	637.5	665.4	690.0	719.1	745.2	769.1	794.9	816.3
37.5°	590.0	618.1	650.4	682.8	719.1	754.4	795.1	835.1	870.0	915.2	951.5
35°	621.2	656.8	694.9	738.4	785.3	840.6	897.5	964.3	1020.9	1092.8	1159.2
32.5°	656.0	697.9	747.3	807.0	870.3	959.2	1042.5	1155.7	1252.4	1377.2	1513.6
30°	691.3	745.4	812.7	889.8	996.9	1123.0	1270.1	1461.4	1668.3	1882.4	2170.6
27.5°	733.3	803.5	887.5	1006.6	1166.7	1341.3	1640.9	1964.4	2415.1	2771.9	3407.4
25°	778.4	865.4	989.5	1162.0	1383.3	1736.7	2242.4	2828.0	3729.8	4532.0	5453.8
22.5°	831.9	950.0	1114.2	1340.2	1726.0	2333.9	3123.4	4326.0	5662.8	6982.2	8188.2
20°	888.5	1031.2	1260.8	1628.8	2225.1	3104.2	4512.6	6231.0	8005.8	9814.0	11337.9
17.5°	954.7	1148.3	1450.9	1939.6	2790.3	4295.4	6176.6	8361.7	10680.3	12987.7	14992.0
15°	1011.5	1250.8	1658.2	2390.2	3658.9	5541.4	7853.5	10613.1	13529.0	16523.5	19769.0
12.5°	1084.0	1374.2	1871.8	2762.8	4429.5	6876.3	9705.3	12909.4	16470.0	20446.0	25505.7
10°	1150.5	1503.7	2152.7	3359.7	5355.7	8123.2	11304.8	14940.0	19558.4	25533.3	31636.5
7.5°	1203.8	1606.4	2370.6	3825.4	6132.5	9188.5	12745.2	17103.5	22865.3	29980.1	36953.5
5°	1240.8	1677.5	2526.5	4177.4	6757.4	10002.6	13767.3	18698.3	25652.7	33620.0	40740.2
2.5°	1264.1	1716.5	2602.8	4386.3	7164.9	10492.5	14405.0	19711.9	27361.1	35937.1	43146.1
0°	1275.2	1723.2	2554.2	4488.0	7222.1	10457.9	14463.4	20050.4	27766.5	36566.3	43746.3
-2.5°	1264.1	1716.5	2602.8	4386.3	7164.9	10492.5	14405.0	19711.9	27361.1	35937.1	43146.1
-5°	1240.8	1677.5	2526.5	4177.4	6757.4	10002.6	13767.3	18698.3	25652.7	33620.0	40740.2
-7.5°	1203.8	1606.4	2370.6	3825.4	6132.5	9188.5	12745.2	17103.5	22865.3	29980.1	36953.5
-10°	1150.5	1503.7	2152.7	3359.7	5355.7	8123.2	11304.8	14940.0	19558.4	25533.3	31636.5
-12.5°	1084.0	1374.2	1871.8	2762.8	4429.5	6876.3	9705.3	12909.4	16470.0	20446.0	25505.7
-15°	1011.5	1250.8	1658.2	2390.2	3658.9	5541.4	7853.5	10613.1	13529.0	16523.5	19769.0
-17.5°	954.7	1148.3	1450.9	1939.6	2790.3	4295.4	6176.6	8361.7	10680.3	12987.7	14992.0
-20°	888.5	1031.2	1260.8	1628.8	2225.1	3104.2	4512.6	6231.0	8005.8	9814.0	11337.9



REPORT NUMBER: P627325 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	831.9	950.0	1114.2	1340.2	1726.0	2333.9	3123.4	4326.0	5662.8	6982.2	8188.2
-25°	778.4	865.4	989.5	1162.0	1383.3	1736.7	2242.4	2828.0	3729.8	4532.0	5453.8
-27.5°	733.3	803.5	887.5	1006.6	1166.7	1341.3	1640.9	1964.4	2415.1	2771.9	3407.4
-30°	691.3	745.4	812.7	889.8	996.9	1123.0	1270.1	1461.4	1668.3	1882.4	2170.6
-32.5°	656.0	697.9	747.3	807.0	870.3	959.2	1042.5	1155.7	1252.4	1377.2	1513.6
-35°	621.2	656.8	694.9	738.4	785.3	840.6	897.5	964.3	1020.9	1092.8	1159.2
-37.5°	590.0	618.1	650.4	682.8	719.1	754.4	795.1	835.1	870.0	915.2	951.5
-40°	561.4	583.2	610.5	637.5	665.4	690.0	719.1	745.2	769.1	794.9	816.3
-42.5°	535.1	555.1	575.0	597.8	620.5	641.5	661.5	678.6	694.1	709.4	721.3
-45°	511.1	528.8	546.2	563.9	580.5	599.0	615.7	628.6	638.1	646.4	653.0
-47.5°	487.1	503.6	519.3	534.3	548.7	563.1	576.4	585.2	591.7	596.5	600.0
-50°	464.1	479.3	493.8	506.7	519.4	531.6	542.7	549.2	553.7	556.6	557.5
-52.5°	442.0	456.1	469.5	481.6	492.5	502.6	511.4	516.1	519.8	522.5	523.4
-55°	419.6	432.7	445.2	456.1	466.3	475.7	482.7	486.1	488.6	490.2	491.2
-57.5°	394.5	407.7	420.2	429.7	439.0	448.2	454.5	458.0	460.3	461.6	462.6
-60°	365.8	378.1	388.5	398.0	407.8	417.6	421.6	424.8	427.8	430.6	433.1
-62.5°	333.3	344.3	352.7	360.6	368.5	376.1	380.4	383.8	386.3	388.4	390.9
-65°	297.6	307.3	314.6	320.6	325.5	330.8	335.6	339.1	341.5	343.7	345.9
-67.5°	259.7	269.2	276.3	281.9	286.6	290.7	294.4	297.2	299.0	300.9	302.8
-70°	222.5	231.3	238.9	245.4	250.5	254.4	257.4	259.9	261.7	263.0	263.7
-72.5°	186.5	193.9	200.8	207.3	213.0	217.0	219.8	222.1	223.8	225.0	225.7
-75°	152.3	158.8	164.6	170.0	175.0	178.4	180.8	182.6	183.8	185.1	186.1
-77.5°	118.5	123.6	128.4	132.9	137.0	140.3	142.9	145.0	146.7	147.7	148.4
-80°	87.0	91.2	95.2	98.7	101.8	104.0	106.1	107.9	109.6	110.4	110.8
-82.5°	59.9	62.6	65.3	68.0	70.6	71.6	72.3	72.8	73.1	74.1	75.0
-85°	34.9	36.4	37.8	39.0	40.2	40.5	40.6	40.5	40.3	40.8	41.3
-87.5°	12.5	12.9	13.2	13.6	13.9	14.1	14.4	14.6	14.8	14.9	15.1
-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: P627325 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-730-U-MR-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°	15.2	15.2	15.3	15.3	15.3	15.2	15.2	15.1	14.9	14.8	14.6
85°	41.6	41.9	42.0	42.1	42.0	41.9	41.6	41.3	40.8	40.3	40.5
82.5°	75.7	76.2	76.5	76.6	76.5	76.2	75.7	75.0	74.1	73.1	72.8
80°	110.9	110.6	111.0	111.1	111.0	110.6	110.9	110.8	110.4	109.6	107.9
77.5°	148.7	148.6	149.1	149.3	149.1	148.6	148.7	148.4	147.7	146.7	145.0
75°	186.7	186.8	187.4	187.6	187.4	186.8	186.7	186.1	185.1	183.8	182.6
72.5°	225.7	225.0	225.6	225.9	225.6	225.0	225.7	225.7	225.0	223.8	222.1
70°	263.8	263.2	265.7	268.1	265.7	263.2	263.8	263.7	263.0	261.7	259.9
67.5°	304.2	304.9	307.7	310.2	307.7	304.9	304.2	302.8	300.9	299.0	297.2
65°	347.0	347.2	349.8	352.3	349.8	347.2	347.0	345.9	343.7	341.5	339.1
62.5°	392.4	392.8	395.6	398.3	395.6	392.8	392.4	390.9	388.4	386.3	383.8
60°	434.5	435.0	436.0	436.5	436.0	435.0	434.5	433.1	430.6	427.8	424.8
57.5°	462.9	462.5	462.9	463.3	462.9	462.5	462.9	462.6	461.6	460.3	458.0
55°	491.0	489.8	488.3	486.3	488.3	489.8	491.0	491.2	490.2	488.6	486.1
52.5°	522.7	520.7	518.9	517.0	518.9	520.7	522.7	523.4	522.5	519.8	516.1
50°	556.9	555.1	553.3	551.4	553.3	555.1	556.9	557.5	556.6	553.7	549.2
47.5°	602.3	603.1	602.8	601.2	602.8	603.1	602.3	600.0	596.5	591.7	585.2
45°	657.7	659.9	660.1	658.6	660.1	659.9	657.7	653.0	646.4	638.1	628.6
42.5°	729.7	734.5	737.3	739.1	737.3	734.5	729.7	721.3	709.4	694.1	678.6
40°	831.9	841.8	848.0	853.9	848.0	841.8	831.9	816.3	794.9	769.1	745.2
37.5°	978.4	996.3	1004.4	999.5	1004.4	996.3	978.4	951.5	915.2	870.0	835.1
35°	1210.4	1244.5	1262.2	1263.7	1262.2	1244.5	1210.4	1159.2	1092.8	1020.9	964.3
32.5°	1614.3	1684.2	1721.7	1727.0	1721.7	1684.2	1614.3	1513.6	1377.2	1252.4	1155.7
30°	2391.2	2533.8	2600.7	2584.8	2600.7	2533.8	2391.2	2170.6	1882.4	1668.3	1461.4
27.5°	3901.4	4256.8	4467.4	4484.1	4467.4	4256.8	3901.4	3407.4	2771.9	2415.1	1964.4
25°	6270.3	6877.1	7265.7	7271.9	7265.7	6877.1	6270.3	5453.8	4532.0	3729.8	2828.0
22.5°	9303.4	10131.6	10585.5	10664.7	10585.5	10131.6	9303.4	8188.2	6982.2	5662.8	4326.0
20°	12817.3	13919.1	14508.7	14509.3	14508.7	13919.1	12817.3	11337.9	9814.0	8005.8	6231.0
17.5°	17144.9	18934.0	20057.1	20540.5	20057.1	18934.0	17144.9	14992.0	12987.7	10680.3	8361.7
15°	22894.1	25900.6	27702.2	28026.9	27702.2	25900.6	22894.1	19769.0	16523.5	13529.0	10613.1
12.5°	29894.5	33699.3	36256.9	37194.3	36256.9	33699.3	29894.5	25505.7	20446.0	16470.0	12909.4
10°	37203.5	40728.9	43468.8	44389.6	43468.8	40728.9	37203.5	31636.5	25533.3	19558.4	14940.0
7.5°	42483.7	46687.5	49773.9	51129.2	49773.9	46687.5	42483.7	36953.5	29980.1	22865.3	17103.5
5°	46651.8	51626.0	54499.0	55774.2	54499.0	51626.0	46651.8	40740.2	33620.0	25652.7	18698.3
2.5°	49386.6	54301.6	57344.0	58519.8	57344.0	54301.6	49386.6	43146.1	35937.1	27361.1	19711.9
0°	50409.3	55215.1	58221.1	59657.1	58221.1	55215.1	50409.3	43746.3	36566.3	27766.5	20050.4
-2.5°	49386.6	54301.6	57344.0	58519.8	57344.0	54301.6	49386.6	43146.1	35937.1	27361.1	19711.9
-5°	46651.8	51626.0	54499.0	55774.2	54499.0	51626.0	46651.8	40740.2	33620.0	25652.7	18698.3
-7.5°	42483.7	46687.5	49773.9	51129.2	49773.9	46687.5	42483.7	36953.5	29980.1	22865.3	17103.5
-10°	37203.5	40728.9	43468.8	44389.6	43468.8	40728.9	37203.5	31636.5	25533.3	19558.4	14940.0
-12.5°	29894.5	33699.3	36256.9	37194.3	36256.9	33699.3	29894.5	25505.7	20446.0	16470.0	12909.4
-15°	22894.1	25900.6	27702.2	28026.9	27702.2	25900.6	22894.1	19769.0	16523.5	13529.0	10613.1
-17.5°	17144.9	18934.0	20057.1	20540.5	20057.1	18934.0	17144.9	14992.0	12987.7	10680.3	8361.7
-20°	12817.3	13919.1	14508.7	14509.3	14508.7	13919.1	12817.3	11337.9	9814.0	8005.8	6231.0



REPORT NUMBER: P627325 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	9303.4	10131.6	10585.5	10664.7	10585.5	10131.6	9303.4	8188.2	6982.2	5662.8	4326.0
-25°	6270.3	6877.1	7265.7	7271.9	7265.7	6877.1	6270.3	5453.8	4532.0	3729.8	2828.0
-27.5°	3901.4	4256.8	4467.4	4484.1	4467.4	4256.8	3901.4	3407.4	2771.9	2415.1	1964.4
-30°	2391.2	2533.8	2600.7	2584.8	2600.7	2533.8	2391.2	2170.6	1882.4	1668.3	1461.4
-32.5°	1614.3	1684.2	1721.7	1727.0	1721.7	1684.2	1614.3	1513.6	1377.2	1252.4	1155.7
-35°	1210.4	1244.5	1262.2	1263.7	1262.2	1244.5	1210.4	1159.2	1092.8	1020.9	964.3
-37.5°	978.4	996.3	1004.4	999.5	1004.4	996.3	978.4	951.5	915.2	870.0	835.1
-40°	831.9	841.8	848.0	853.9	848.0	841.8	831.9	816.3	794.9	769.1	745.2
-42.5°	729.7	734.5	737.3	739.1	737.3	734.5	729.7	721.3	709.4	694.1	678.6
-45°	657.7	659.9	660.1	658.6	660.1	659.9	657.7	653.0	646.4	638.1	628.6
-47.5°	602.3	603.1	602.8	601.2	602.8	603.1	602.3	600.0	596.5	591.7	585.2
-50°	556.9	555.1	553.3	551.4	553.3	555.1	556.9	557.5	556.6	553.7	549.2
-52.5°	522.7	520.7	518.9	517.0	518.9	520.7	522.7	523.4	522.5	519.8	516.1
-55°	491.0	489.8	488.3	486.3	488.3	489.8	491.0	491.2	490.2	488.6	486.1
-57.5°	462.9	462.5	462.9	463.3	462.9	462.5	462.9	462.6	461.6	460.3	458.0
-60°	434.5	435.0	436.0	436.5	436.0	435.0	434.5	433.1	430.6	427.8	424.8
-62.5°	392.4	392.8	395.6	398.3	395.6	392.8	392.4	390.9	388.4	386.3	383.8
-65°	347.0	347.2	349.8	352.3	349.8	347.2	347.0	345.9	343.7	341.5	339.1
-67.5°	304.2	304.9	307.7	310.2	307.7	304.9	304.2	302.8	300.9	299.0	297.2
-70°	263.8	263.2	265.7	268.1	265.7	263.2	263.8	263.7	263.0	261.7	259.9
-72.5°	225.7	225.0	225.6	225.9	225.6	225.0	225.7	225.7	225.0	223.8	222.1
-75°	186.7	186.8	187.4	187.6	187.4	186.8	186.7	186.1	185.1	183.8	182.6
-77.5°	148.7	148.6	149.1	149.3	149.1	148.6	148.7	148.4	147.7	146.7	145.0
-80°	110.9	110.6	111.0	111.1	111.0	110.6	110.9	110.8	110.4	109.6	107.9
-82.5°	75.7	76.2	76.5	76.6	76.5	76.2	75.7	75.0	74.1	73.1	72.8
-85°	41.6	41.9	42.0	42.1	42.0	41.9	41.6	41.3	40.8	40.3	40.5
-87.5°	15.2	15.2	15.3	15.3	15.3	15.2	15.2	15.1	14.9	14.8	14.6
-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: P627325 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-730-U-MR-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°	14.4	14.1	13.9	13.6	13.2	12.9	12.5	12.1	11.7	11.3	10.8
85°	40.6	40.5	40.2	39.0	37.8	36.4	34.9	33.3	31.6	29.8	28.0
82.5°	72.3	71.6	70.6	68.0	65.3	62.6	59.9	57.6	55.0	52.4	49.6
80°	106.1	104.0	101.8	98.7	95.2	91.2	87.0	83.0	78.8	74.8	71.1
77.5°	142.9	140.3	137.0	132.9	128.4	123.6	118.5	113.2	107.9	102.4	96.6
75°	180.8	178.4	175.0	170.0	164.6	158.8	152.3	145.1	137.8	130.5	123.3
72.5°	219.8	217.0	213.0	207.3	200.8	193.9	186.5	178.2	169.2	159.3	150.2
70°	257.4	254.4	250.5	245.4	238.9	231.3	222.5	212.8	202.6	191.9	180.9
67.5°	294.4	290.7	286.6	281.9	276.3	269.2	259.7	248.6	236.8	224.6	212.0
65°	335.6	330.8	325.5	320.6	314.6	307.3	297.6	286.9	273.9	259.1	243.0
62.5°	380.4	376.1	368.5	360.6	352.7	344.3	333.3	321.6	309.7	295.9	276.8
60°	421.6	417.6	407.8	398.0	388.5	378.1	365.8	353.3	340.8	325.7	308.3
57.5°	454.5	448.2	439.0	429.7	420.2	407.7	394.5	382.1	368.4	353.9	337.7
55°	482.7	475.7	466.3	456.1	445.2	432.7	419.6	405.6	392.5	380.5	363.9
52.5°	511.4	502.6	492.5	481.6	469.5	456.1	442.0	427.4	414.6	402.2	388.2
50°	542.7	531.6	519.4	506.7	493.8	479.3	464.1	448.5	436.2	423.3	409.3
47.5°	576.4	563.1	548.7	534.3	519.3	503.6	487.1	470.4	456.8	443.6	429.0
45°	615.7	599.0	580.5	563.9	546.2	528.8	511.1	493.7	476.7	461.8	447.8
42.5°	661.5	641.5	620.5	597.8	575.0	555.1	535.1	516.5	497.6	479.6	463.5
40°	719.1	690.0	665.4	637.5	610.5	583.2	561.4	538.9	518.3	498.0	479.3
37.5°	795.1	754.4	719.1	682.8	650.4	618.1	590.0	564.5	538.9	517.0	496.1
35°	897.5	840.6	785.3	738.4	694.9	656.8	621.2	591.3	563.1	536.3	512.9
32.5°	1042.5	959.2	870.3	807.0	747.3	697.9	656.0	618.8	586.5	557.0	530.3
30°	1270.1	1123.0	996.9	889.8	812.7	745.4	691.3	647.6	609.8	577.0	547.3
27.5°	1640.9	1341.3	1166.7	1006.6	887.5	803.5	733.3	676.3	632.3	596.5	564.0
25°	2242.4	1736.7	1383.3	1162.0	989.5	865.4	778.4	710.6	656.7	614.1	575.9
22.5°	3123.4	2333.9	1726.0	1340.2	1114.2	950.0	831.9	744.4	678.6	629.2	587.6
20°	4512.6	3104.2	2225.1	1628.8	1260.8	1031.2	888.5	784.0	705.4	645.5	598.0
17.5°	6176.6	4295.4	2790.3	1939.6	1450.9	1148.3	954.7	822.1	729.0	660.2	606.8
15°	7853.5	5541.4	3658.9	2390.2	1658.2	1250.8	1011.5	854.9	752.2	676.3	617.8
12.5°	9705.3	6876.3	4429.5	2762.8	1871.8	1374.2	1084.0	899.2	777.4	692.3	628.4
10°	11304.8	8123.2	5355.7	3359.7	2152.7	1503.7	1150.5	937.2	798.5	705.3	636.7
7.5°	12745.2	9188.5	6132.5	3825.4	2370.6	1606.4	1203.8	967.4	814.3	714.9	642.6
5°	13767.3	10002.6	6757.4	4177.4	2526.5	1677.5	1240.8	988.8	824.8	720.8	646.0
2.5°	14405.0	10492.5	7164.9	4386.3	2602.8	1716.5	1264.1	1001.0	833.6	727.4	647.9
0°	14463.4	10457.9	7222.1	4488.0	2554.2	1723.2	1275.2	1003.3	838.6	731.4	647.2
-2.5°	14405.0	10492.5	7164.9	4386.3	2602.8	1716.5	1264.1	1001.0	833.6	727.4	647.9
-5°	13767.3	10002.6	6757.4	4177.4	2526.5	1677.5	1240.8	988.8	824.8	720.8	646.0
-7.5°	12745.2	9188.5	6132.5	3825.4	2370.6	1606.4	1203.8	967.4	814.3	714.9	642.6
-10°	11304.8	8123.2	5355.7	3359.7	2152.7	1503.7	1150.5	937.2	798.5	705.3	636.7
-12.5°	9705.3	6876.3	4429.5	2762.8	1871.8	1374.2	1084.0	899.2	777.4	692.3	628.4
-15°	7853.5	5541.4	3658.9	2390.2	1658.2	1250.8	1011.5	854.9	752.2	676.3	617.8
-17.5°	6176.6	4295.4	2790.3	1939.6	1450.9	1148.3	954.7	822.1	729.0	660.2	606.8
-20°	4512.6	3104.2	2225.1	1628.8	1260.8	1031.2	888.5	784.0	705.4	645.5	598.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627325 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3123.4	2333.9	1726.0	1340.2	1114.2	950.0	831.9	744.4	678.6	629.2	587.6
-25°	2242.4	1736.7	1383.3	1162.0	989.5	865.4	778.4	710.6	656.7	614.1	575.9
-27.5°	1640.9	1341.3	1166.7	1006.6	887.5	803.5	733.3	676.3	632.3	596.5	564.0
-30°	1270.1	1123.0	996.9	889.8	812.7	745.4	691.3	647.6	609.8	577.0	547.3
-32.5°	1042.5	959.2	870.3	807.0	747.3	697.9	656.0	618.8	586.5	557.0	530.3
-35°	897.5	840.6	785.3	738.4	694.9	656.8	621.2	591.3	563.1	536.3	512.9
-37.5°	795.1	754.4	719.1	682.8	650.4	618.1	590.0	564.5	538.9	517.0	496.1
-40°	719.1	690.0	665.4	637.5	610.5	583.2	561.4	538.9	518.3	498.0	479.3
-42.5°	661.5	641.5	620.5	597.8	575.0	555.1	535.1	516.5	497.6	479.6	463.5
-45°	615.7	599.0	580.5	563.9	546.2	528.8	511.1	493.7	476.7	461.8	447.8
-47.5°	576.4	563.1	548.7	534.3	519.3	503.6	487.1	470.4	456.8	443.6	429.0
-50°	542.7	531.6	519.4	506.7	493.8	479.3	464.1	448.5	436.2	423.3	409.3
-52.5°	511.4	502.6	492.5	481.6	469.5	456.1	442.0	427.4	414.6	402.2	388.2
-55°	482.7	475.7	466.3	456.1	445.2	432.7	419.6	405.6	392.5	380.5	363.9
-57.5°	454.5	448.2	439.0	429.7	420.2	407.7	394.5	382.1	368.4	353.9	337.7
-60°	421.6	417.6	407.8	398.0	388.5	378.1	365.8	353.3	340.8	325.7	308.3
-62.5°	380.4	376.1	368.5	360.6	352.7	344.3	333.3	321.6	309.7	295.9	276.8
-65°	335.6	330.8	325.5	320.6	314.6	307.3	297.6	286.9	273.9	259.1	243.0
-67.5°	294.4	290.7	286.6	281.9	276.3	269.2	259.7	248.6	236.8	224.6	212.0
-70°	257.4	254.4	250.5	245.4	238.9	231.3	222.5	212.8	202.6	191.9	180.9
-72.5°	219.8	217.0	213.0	207.3	200.8	193.9	186.5	178.2	169.2	159.3	150.2
-75°	180.8	178.4	175.0	170.0	164.6	158.8	152.3	145.1	137.8	130.5	123.3
-77.5°	142.9	140.3	137.0	132.9	128.4	123.6	118.5	113.2	107.9	102.4	96.6
-80°	106.1	104.0	101.8	98.7	95.2	91.2	87.0	83.0	78.8	74.8	71.1
-82.5°	72.3	71.6	70.6	68.0	65.3	62.6	59.9	57.6	55.0	52.4	49.6
-85°	40.6	40.5	40.2	39.0	37.8	36.4	34.9	33.3	31.6	29.8	28.0
-87.5°	14.4	14.1	13.9	13.6	13.2	12.9	12.5	12.1	11.7	11.3	10.8
-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: P627325 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-730-U-MR-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°	10.3	9.8	9.3	8.8	8.2	7.6	7.1	6.5	5.9	5.2	4.6
85°	26.1	24.0	21.9	19.8	17.6	15.3	14.1	12.9	11.7	10.5	9.2
82.5°	46.7	43.7	40.6	37.3	34.0	30.6	27.0	23.4	19.6	16.0	13.8
80°	67.3	63.2	59.1	54.8	50.5	45.8	41.1	36.2	30.8	25.7	20.8
77.5°	90.5	84.2	77.7	72.3	67.3	61.9	55.9	49.2	41.9	35.3	28.9
75°	116.0	108.4	100.6	92.8	85.5	78.0	71.2	63.3	54.2	44.9	36.9
72.5°	142.3	133.5	124.0	114.3	105.6	96.5	87.2	77.3	66.8	56.2	45.4
70°	170.1	159.2	148.6	137.6	126.4	115.0	104.3	92.3	79.3	67.3	55.1
67.5°	198.8	186.0	173.3	160.8	148.0	134.9	121.4	107.4	93.0	78.3	64.8
65°	228.4	213.1	197.6	183.7	169.4	154.7	139.7	122.7	106.4	90.3	74.2
62.5°	258.4	240.8	223.6	206.7	190.5	174.3	157.5	138.4	119.7	102.0	84.2
60°	288.6	268.4	249.1	230.2	211.7	193.6	174.6	153.6	133.2	113.5	94.3
57.5°	317.6	295.3	273.3	252.8	232.6	212.5	191.3	168.7	146.3	124.9	104.1
55°	345.8	322.9	297.1	273.8	252.3	231.0	207.5	183.5	159.1	135.9	113.7
52.5°	370.6	347.9	321.1	294.4	270.4	248.0	222.8	197.8	172.0	146.6	122.9
50°	393.1	370.1	343.2	315.0	287.7	262.9	237.5	211.1	184.5	157.0	131.9
47.5°	412.5	390.4	363.9	334.4	305.2	277.2	250.9	223.7	196.5	167.7	140.5
45°	430.1	410.0	383.7	353.5	321.5	291.8	263.4	235.6	207.2	178.0	148.8
42.5°	446.5	427.1	403.0	372.1	338.0	305.7	275.5	246.5	217.2	187.8	157.1
40°	461.3	441.9	421.0	389.5	353.7	318.8	287.3	256.8	226.6	196.8	165.2
37.5°	476.0	455.9	434.3	405.8	368.4	332.1	298.3	266.6	235.6	204.8	172.7
35°	491.1	469.6	445.9	418.6	382.5	344.4	308.4	275.8	244.1	212.3	179.7
32.5°	505.6	481.8	456.6	429.4	395.6	355.6	318.3	284.7	252.1	219.3	186.2
30°	519.8	491.9	466.1	440.5	407.0	366.5	327.9	293.0	259.5	225.8	192.1
27.5°	530.6	500.7	474.5	449.1	416.6	376.7	337.3	300.6	266.3	231.9	197.3
25°	540.4	509.1	481.6	456.0	426.0	387.1	345.9	307.6	272.5	237.3	202.1
22.5°	550.1	516.4	487.6	461.8	434.9	396.5	354.1	314.6	278.1	242.3	206.4
20°	558.5	522.3	492.5	467.2	440.9	403.9	361.7	320.8	283.0	246.6	210.1
17.5°	565.6	528.3	497.7	471.6	445.0	410.1	368.4	326.2	287.4	250.4	213.4
15°	572.9	534.6	502.1	475.0	448.6	415.2	374.0	330.8	291.0	253.6	216.5
12.5°	579.2	539.2	505.5	477.4	451.5	419.1	378.7	334.5	294.0	256.6	219.3
10°	584.1	542.2	507.9	479.0	453.9	422.0	382.4	338.1	297.6	259.4	221.7
7.5°	587.5	543.8	509.3	479.6	455.5	424.6	386.0	341.9	300.7	261.5	223.5
5°	589.8	544.5	510.2	481.0	456.5	427.0	388.6	345.0	303.3	263.0	224.8
2.5°	592.5	544.8	510.3	482.1	456.5	428.4	390.1	347.2	305.1	263.9	225.6
0°	593.5	543.8	509.3	482.5	455.7	428.9	390.6	348.5	306.3	264.2	225.9
-2.5°	592.5	544.8	510.3	482.1	456.5	428.4	390.1	347.2	305.1	263.9	225.6
-5°	589.8	544.5	510.2	481.0	456.5	427.0	388.6	345.0	303.3	263.0	224.8
-7.5°	587.5	543.8	509.3	479.6	455.5	424.6	386.0	341.9	300.7	261.5	223.5
-10°	584.1	542.2	507.9	479.0	453.9	422.0	382.4	338.1	297.6	259.4	221.7
-12.5°	579.2	539.2	505.5	477.4	451.5	419.1	378.7	334.5	294.0	256.6	219.3
-15°	572.9	534.6	502.1	475.0	448.6	415.2	374.0	330.8	291.0	253.6	216.5
-17.5°	565.6	528.3	497.7	471.6	445.0	410.1	368.4	326.2	287.4	250.4	213.4
-20°	558.5	522.3	492.5	467.2	440.9	403.9	361.7	320.8	283.0	246.6	210.1

Classified

Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: P627325 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	550.1	516.4	487.6	461.8	434.9	396.5	354.1	314.6	278.1	242.3	206.4
-25°	540.4	509.1	481.6	456.0	426.0	387.1	345.9	307.6	272.5	237.3	202.1
-27.5°	530.6	500.7	474.5	449.1	416.6	376.7	337.3	300.6	266.3	231.9	197.3
-30°	519.8	491.9	466.1	440.5	407.0	366.5	327.9	293.0	259.5	225.8	192.1
-32.5°	505.6	481.8	456.6	429.4	395.6	355.6	318.3	284.7	252.1	219.3	186.2
-35°	491.1	469.6	445.9	418.6	382.5	344.4	308.4	275.8	244.1	212.3	179.7
-37.5°	476.0	455.9	434.3	405.8	368.4	332.1	298.3	266.6	235.6	204.8	172.7
-40°	461.3	441.9	421.0	389.5	353.7	318.8	287.3	256.8	226.6	196.8	165.2
-42.5°	446.5	427.1	403.0	372.1	338.0	305.7	275.5	246.5	217.2	187.8	157.1
-45°	430.1	410.0	383.7	353.5	321.5	291.8	263.4	235.6	207.2	178.0	148.8
-47.5°	412.5	390.4	363.9	334.4	305.2	277.2	250.9	223.7	196.5	167.7	140.5
-50°	393.1	370.1	343.2	315.0	287.7	262.9	237.5	211.1	184.5	157.0	131.9
-52.5°	370.6	347.9	321.1	294.4	270.4	248.0	222.8	197.8	172.0	146.6	122.9
-55°	345.8	322.9	297.1	273.8	252.3	231.0	207.5	183.5	159.1	135.9	113.7
-57.5°	317.6	295.3	273.3	252.8	232.6	212.5	191.3	168.7	146.3	124.9	104.1
-60°	288.6	268.4	249.1	230.2	211.7	193.6	174.6	153.6	133.2	113.5	94.3
-62.5°	258.4	240.8	223.6	206.7	190.5	174.3	157.5	138.4	119.7	102.0	84.2
-65°	228.4	213.1	197.6	183.7	169.4	154.7	139.7	122.7	106.4	90.3	74.2
-67.5°	198.8	186.0	173.3	160.8	148.0	134.9	121.4	107.4	93.0	78.3	64.8
-70°	170.1	159.2	148.6	137.6	126.4	115.0	104.3	92.3	79.3	67.3	55.1
-72.5°	142.3	133.5	124.0	114.3	105.6	96.5	87.2	77.3	66.8	56.2	45.4
-75°	116.0	108.4	100.6	92.8	85.5	78.0	71.2	63.3	54.2	44.9	36.9
-77.5°	90.5	84.2	77.7	72.3	67.3	61.9	55.9	49.2	41.9	35.3	28.9
-80°	67.3	63.2	59.1	54.8	50.5	45.8	41.1	36.2	30.8	25.7	20.8
-82.5°	46.7	43.7	40.6	37.3	34.0	30.6	27.0	23.4	19.6	16.0	13.8
-85°	26.1	24.0	21.9	19.8	17.6	15.3	14.1	12.9	11.7	10.5	9.2
-87.5°	10.3	9.8	9.3	8.8	8.2	7.6	7.1	6.5	5.9	5.2	4.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GFLD-SA4B-730-U-MR-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°	4.0	3.3	2.7	2.0	1.3	0.7	0.0
85°	7.9	6.6	5.3	4.0	2.7	1.3	0.0
82.5°	11.8	9.9	7.9	6.0	4.0	2.0	0.0
80°	16.1	13.2	10.6	7.9	5.3	2.7	0.0
77.5°	22.9	17.3	13.2	9.9	6.6	3.3	0.0
75°	29.7	22.9	16.1	11.8	7.9	4.0	0.0
72.5°	36.4	28.5	20.6	13.8	9.2	4.6	0.0
70°	43.2	34.0	25.0	15.9	10.5	5.2	0.0
67.5°	51.5	39.4	29.3	19.2	11.7	5.9	0.0
65°	59.8	45.5	33.6	22.4	12.9	6.5	0.0
62.5°	67.8	52.3	37.8	25.5	14.1	7.1	0.0
60°	75.7	58.8	41.9	28.6	15.3	7.6	0.0
57.5°	84.0	65.3	47.0	31.6	17.3	8.2	0.0
55°	92.1	71.5	52.0	34.5	19.2	8.8	0.0
52.5°	99.9	77.6	56.8	37.4	21.1	9.3	0.0
50°	107.3	83.8	61.5	40.1	22.9	9.8	0.0
47.5°	114.5	89.7	66.1	42.9	24.7	10.3	0.0
45°	121.6	95.4	70.4	46.2	26.4	10.8	0.0
42.5°	128.4	100.7	74.6	49.3	28.0	11.3	0.0
40°	134.9	105.8	78.6	52.3	29.5	11.7	0.0
37.5°	141.0	110.5	82.4	55.0	31.0	12.1	0.0
35°	146.8	115.2	86.0	57.6	32.4	12.5	0.0
32.5°	152.3	119.7	89.4	59.9	33.7	12.9	0.0
30°	157.4	123.9	92.5	62.1	34.9	13.2	0.0
27.5°	162.2	127.8	95.3	64.1	36.0	13.6	0.0
25°	166.4	131.3	97.8	65.9	37.1	13.9	0.0
22.5°	170.3	134.5	100.2	67.4	38.0	14.1	0.0
20°	173.6	137.3	102.4	68.8	38.9	14.4	0.0
17.5°	176.6	139.6	104.4	70.0	39.6	14.6	0.0
15°	179.4	141.6	106.1	71.0	40.3	14.8	0.0
12.5°	181.8	143.2	107.6	71.8	40.8	14.9	0.0
10°	183.9	144.4	108.8	72.3	41.3	15.1	0.0
7.5°	185.5	145.2	109.8	72.7	41.6	15.2	0.0
5°	186.6	145.7	110.5	72.9	41.9	15.2	0.0
2.5°	187.4	145.8	111.0	73.0	42.0	15.3	0.0
0°	187.6	145.5	111.1	72.8	42.1	15.3	0.0
-2.5°	187.4	145.8	111.0	73.0	42.0	15.3	0.0
-5°	186.6	145.7	110.5	72.9	41.9	15.2	0.0
-7.5°	185.5	145.2	109.8	72.7	41.6	15.2	0.0
-10°	183.9	144.4	108.8	72.3	41.3	15.1	0.0
-12.5°	181.8	143.2	107.6	71.8	40.8	14.9	0.0
-15°	179.4	141.6	106.1	71.0	40.3	14.8	0.0
-17.5°	176.6	139.6	104.4	70.0	39.6	14.6	0.0
-20°	173.6	137.3	102.4	68.8	38.9	14.4	0.0

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CATALOG NUMBER: GFLD-SA4B-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	170.3	134.5	100.2	67.4	38.0	14.1	0.0
-25°	166.4	131.3	97.8	65.9	37.1	13.9	0.0
-27.5°	162.2	127.8	95.3	64.1	36.0	13.6	0.0
-30°	157.4	123.9	92.5	62.1	34.9	13.2	0.0
-32.5°	152.3	119.7	89.4	59.9	33.7	12.9	0.0
-35°	146.8	115.2	86.0	57.6	32.4	12.5	0.0
-37.5°	141.0	110.5	82.4	55.0	31.0	12.1	0.0
-40°	134.9	105.8	78.6	52.3	29.5	11.7	0.0
-42.5°	128.4	100.7	74.6	49.3	28.0	11.3	0.0
-45°	121.6	95.4	70.4	46.2	26.4	10.8	0.0
-47.5°	114.5	89.7	66.1	42.9	24.7	10.3	0.0
-50°	107.3	83.8	61.5	40.1	22.9	9.8	0.0
-52.5°	99.9	77.6	56.8	37.4	21.1	9.3	0.0
-55°	92.1	71.5	52.0	34.5	19.2	8.8	0.0
-57.5°	84.0	65.3	47.0	31.6	17.3	8.2	0.0
-60°	75.7	58.8	41.9	28.6	15.3	7.6	0.0
-62.5°	67.8	52.3	37.8	25.5	14.1	7.1	0.0
-65°	59.8	45.5	33.6	22.4	12.9	6.5	0.0
-67.5°	51.5	39.4	29.3	19.2	11.7	5.9	0.0
-70°	43.2	34.0	25.0	15.9	10.5	5.2	0.0
-72.5°	36.4	28.5	20.6	13.8	9.2	4.6	0.0
-75°	29.7	22.9	16.1	11.8	7.9	4.0	0.0
-77.5°	22.9	17.3	13.2	9.9	6.6	3.3	0.0
-80°	16.1	13.2	10.6	7.9	5.3	2.7	0.0
-82.5°	11.8	9.9	7.9	6.0	4.0	2.0	0.0
-85°	7.9	6.6	5.3	4.0	2.7	1.3	0.0
-87.5°	4.0	3.3	2.7	2.0	1.3	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)