

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: P627489 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4E-722-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
 Report Number: P627489 (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-SA4E-722-U-NR-XX
 Description: GALLEON FLOOD, FOUR LIGHT SQUARE, NARROW SYMMETRICAL ROUND N84
 Light Source: (64) 2200K CCT, 70 CRI LEDS
 Ballast/Driver: -

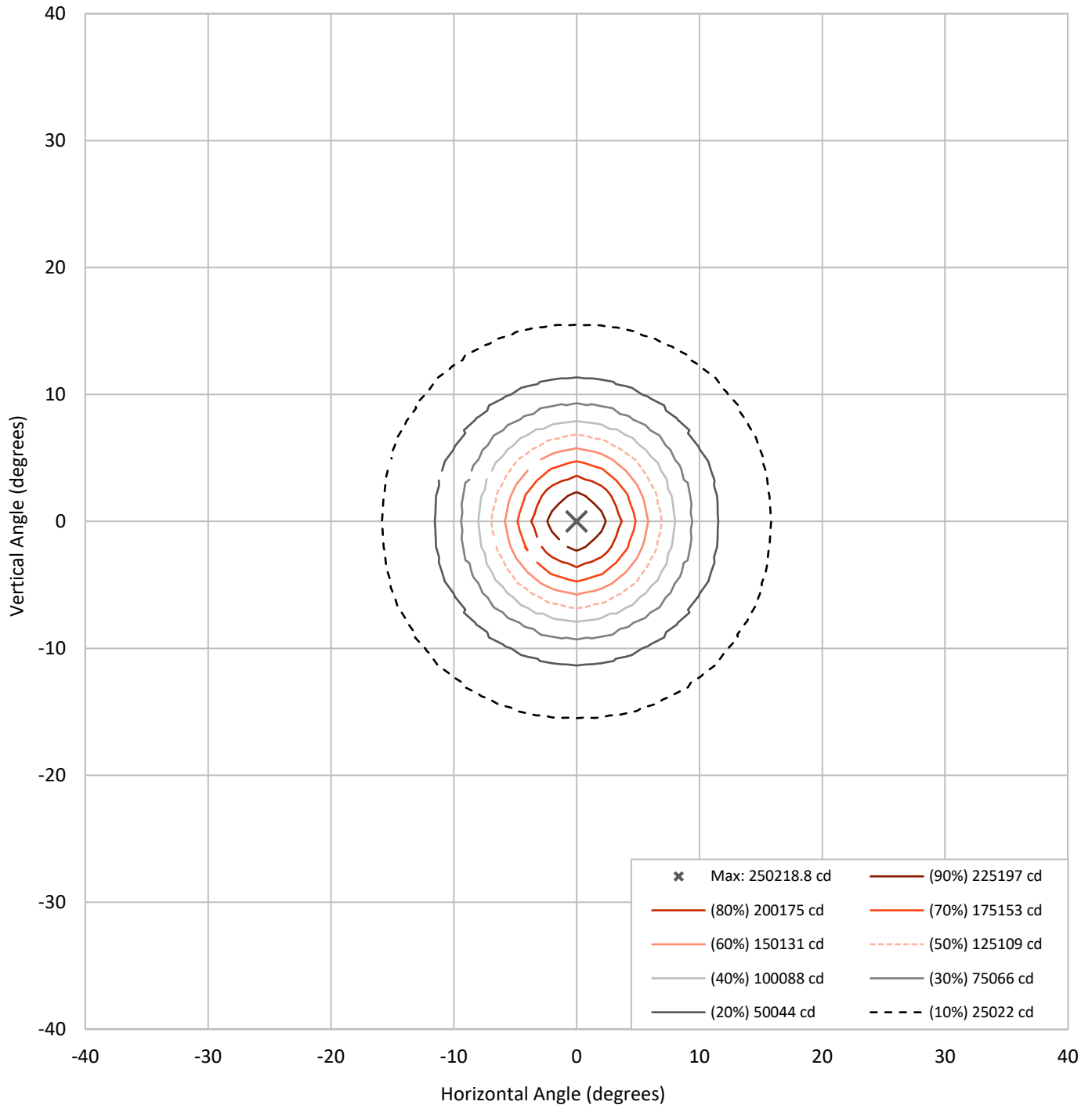
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	26569.5 lumens	Max Intensity:	250218.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	103.8 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' 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:	7855.4 lumens	Field Lumens:	17678 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	255.9		
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		



REPORT NUMBER: P627489 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





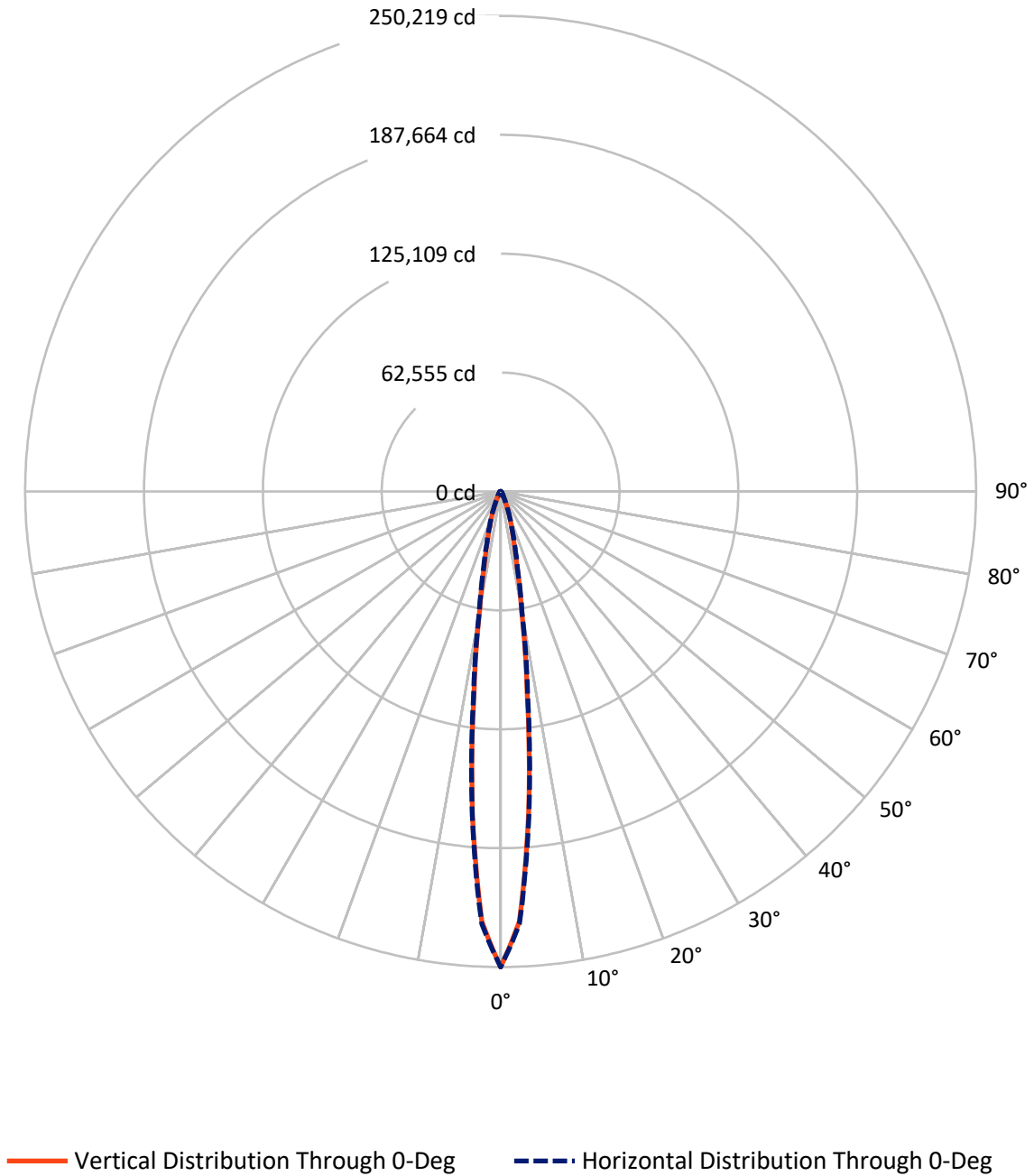
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Lumen Table

90	0.5	3.6		9.6		15.5		16.9		15.5		9.6		3.6		0.5
80	0.5	3.6		9.6		15.5		16.9		15.5		9.6		3.6		0.5
70	1.7	1.9	3.8	6.3	8.9	10.9	12.3	12.8	12.8	12.3	10.9	8.9	6.3	3.8	1.9	1.7
60		2.8	5.8	9.4	12.6	15.3	17.1	17.9	17.9	17.1	15.3	12.6	9.4	5.8	2.8	
50	2.9	3.7	7.5	11.5	15.4	19.3	22.7	24.5	24.5	22.7	19.3	15.4	11.5	7.5	3.7	2.9
40		4.4	8.8	13.3	18.9	27.2	38.3	47.4	47.4	38.3	27.2	18.9	13.3	8.8	4.4	
30	3.8	5.0	9.6	15.0	24.5	48.6	110.5	183.0	183.0	110.5	48.6	24.5	15.0	9.6	5.0	3.8
20		5.4	10.1	16.6	32.4	103.1	366.0	788.4	788.4	366.0	103.1	32.4	16.6	10.1	5.4	
10	4.0	5.6	10.3	17.6	39.2	169.9	795.7	3437.4	3437.4	795.7	169.9	39.2	17.6	10.3	5.6	4.0
0		5.6	10.3	17.6	39.2	169.9	795.7	3437.4	3437.4	795.7	169.9	39.2	17.6	10.3	5.6	
-10	3.8	5.4	10.1	16.6	32.4	103.1	366.0	788.4	788.4	366.0	103.1	32.4	16.6	10.1	5.4	3.8
-20		5.0	9.6	15.0	24.5	48.6	110.5	183.0	183.0	110.5	48.6	24.5	15.0	9.6	5.0	
-30	2.9	4.4	8.8	13.3	18.9	27.2	38.3	47.4	47.4	38.3	27.2	18.9	13.3	8.8	4.4	2.9
-40		3.7	7.5	11.5	15.4	19.3	22.7	24.5	24.5	22.7	19.3	15.4	11.5	7.5	3.7	
-50	1.7	2.8	5.8	9.4	12.6	15.3	17.1	17.9	17.9	17.1	15.3	12.6	9.4	5.8	2.8	1.7
-60		1.9	3.8	6.3	8.9	10.9	12.3	12.8	12.8	12.3	10.9	8.9	6.3	3.8	1.9	
-70	0.5	3.6		9.6		15.5		16.9		15.5		9.6		3.6		0.5
-80	0.5	3.6		9.6		15.5		16.9		15.5		9.6		3.6		0.5
-90	0.5	3.6		9.6		15.5		16.9		15.5		9.6		3.6		0.5

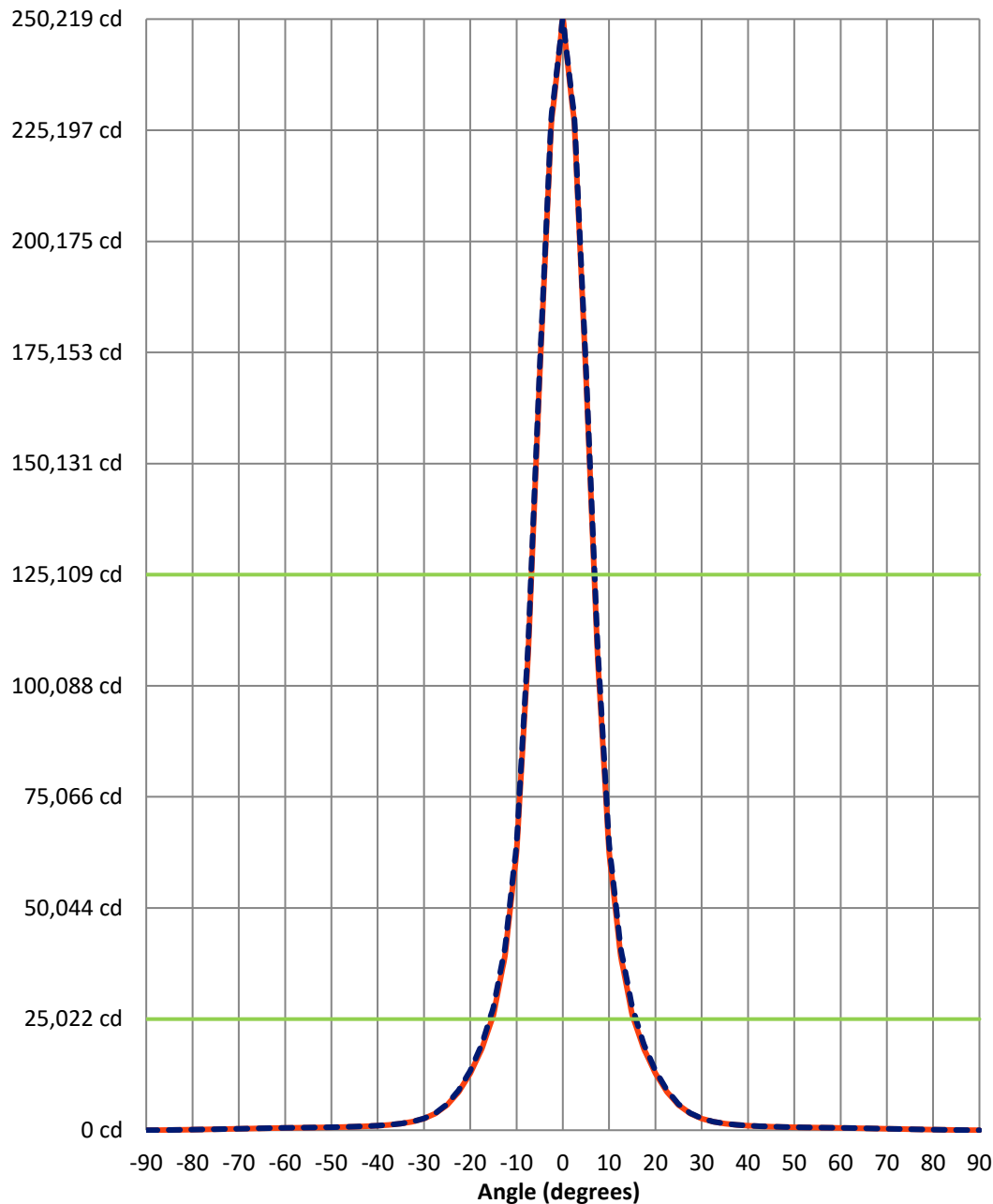
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 7855.4
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 17678
 Efficiency: 66.5%

Spill:
 Lumens: 8891.6
 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	0.8	1.9	2.8	3.7	4.6	5.5	6.4	7.3	8.2	9.0
85°	0.0	1.6	3.7	5.6	7.4	9.3	11.1	12.9	14.6	16.4	18.1
82.5°	0.0	2.4	5.6	8.4	11.1	13.9	16.6	19.3	22.2	26.1	29.9
80°	0.0	3.2	7.4	11.1	14.8	18.4	22.4	27.8	33.1	38.3	43.4
77.5°	0.0	4.0	9.2	13.9	18.4	23.7	30.5	37.3	43.9	50.4	57.3
75°	0.0	4.8	11.0	16.6	22.3	30.1	38.5	46.7	54.8	63.9	72.8
72.5°	0.0	5.6	12.7	19.3	27.2	36.4	46.4	56.4	67.1	77.7	88.1
70°	0.0	6.4	14.4	22.1	32.0	42.7	54.3	67.1	79.4	91.5	105.0
67.5°	0.0	7.1	16.1	25.4	36.6	48.7	63.3	77.7	91.5	106.9	122.1
65°	0.0	7.8	17.7	28.8	41.2	55.4	72.1	88.1	105.0	122.1	140.1
62.5°	0.0	8.5	19.2	32.0	45.7	62.6	80.7	99.4	118.3	137.6	160.2
60°	0.0	9.2	20.7	35.1	50.0	69.6	89.1	110.8	131.4	155.0	179.7
57.5°	0.0	9.8	22.6	38.2	55.4	76.4	98.4	121.9	145.6	171.7	198.6
55°	0.0	10.5	24.5	41.1	60.7	83.1	107.5	132.6	159.8	187.9	216.8
52.5°	0.0	11.1	26.3	43.9	65.9	89.7	116.4	144.1	173.4	203.4	234.3
50°	0.0	11.7	28.1	46.6	70.8	96.8	124.9	155.4	186.5	218.2	251.1
47.5°	0.0	12.2	29.9	49.4	75.6	103.7	133.3	166.2	198.9	232.3	267.5
45°	0.0	12.7	31.6	52.8	80.2	110.2	142.3	176.7	210.8	246.7	283.5
42.5°	0.0	13.2	33.2	56.1	84.6	116.5	150.8	186.7	222.3	260.8	299.1
40°	0.0	13.6	34.8	59.3	89.1	122.5	158.9	196.2	233.5	274.3	314.3
37.5°	0.0	14.1	36.2	62.4	93.6	128.2	166.6	205.2	244.7	286.9	329.0
35°	0.0	14.4	37.7	65.3	97.8	134.0	173.9	213.7	255.2	298.8	343.1
32.5°	0.0	14.8	39.0	68.1	101.8	139.6	180.7	221.7	264.8	310.0	355.5
30°	0.0	15.1	40.3	70.6	105.5	144.9	187.1	229.2	273.6	320.3	366.7
27.5°	0.0	15.4	41.5	73.0	109.1	149.8	192.9	236.3	281.7	329.9	376.7
25°	0.0	15.6	42.6	75.2	112.5	154.2	198.3	242.7	289.4	338.3	385.6
22.5°	0.0	15.8	43.6	77.2	115.5	158.2	203.1	248.4	296.3	345.5	393.3
20°	0.0	16.0	44.5	79.0	118.3	161.7	207.5	253.4	302.4	351.8	400.3
17.5°	0.0	16.1	45.4	80.6	120.7	164.6	211.1	257.7	307.7	357.0	406.5
15°	0.0	16.2	46.1	81.9	122.8	167.1	214.0	261.5	312.2	361.3	411.8
12.5°	0.0	16.3	46.7	83.1	124.6	169.0	216.4	265.0	316.0	364.6	416.3
10°	0.0	16.3	47.3	84.1	126.1	170.4	218.2	267.9	318.9	368.2	420.5
7.5°	0.0	16.3	47.7	84.8	127.2	171.4	219.4	270.2	320.9	371.2	425.5
5°	0.0	16.3	48.0	85.4	128.0	171.9	220.1	272.0	322.0	373.4	429.4
2.5°	0.0	16.2	48.1	85.7	128.5	172.0	220.2	273.0	322.3	374.8	432.4
0°	0.0	16.1	48.2	85.8	128.7	171.6	219.8	273.4	321.7	375.3	434.2
-2.5°	0.0	16.2	48.1	85.7	128.5	172.0	220.2	273.0	322.3	374.8	432.4
-5°	0.0	16.3	48.0	85.4	128.0	171.9	220.1	272.0	322.0	373.4	429.4
-7.5°	0.0	16.3	47.7	84.8	127.2	171.4	219.4	270.2	320.9	371.2	425.5
-10°	0.0	16.3	47.3	84.1	126.1	170.4	218.2	267.9	318.9	368.2	420.5
-12.5°	0.0	16.3	46.7	83.1	124.6	169.0	216.4	265.0	316.0	364.6	416.3
-15°	0.0	16.2	46.1	81.9	122.8	167.1	214.0	261.5	312.2	361.3	411.8
-17.5°	0.0	16.1	45.4	80.6	120.7	164.6	211.1	257.7	307.7	357.0	406.5
-20°	0.0	16.0	44.5	79.0	118.3	161.7	207.5	253.4	302.4	351.8	400.3

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Scaled Data Report



REPORT NUMBER: P627489 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	15.8	43.6	77.2	115.5	158.2	203.1	248.4	296.3	345.5	393.3
-25°	0.0	15.6	42.6	75.2	112.5	154.2	198.3	242.7	289.4	338.3	385.6
-27.5°	0.0	15.4	41.5	73.0	109.1	149.8	192.9	236.3	281.7	329.9	376.7
-30°	0.0	15.1	40.3	70.6	105.5	144.9	187.1	229.2	273.6	320.3	366.7
-32.5°	0.0	14.8	39.0	68.1	101.8	139.6	180.7	221.7	264.8	310.0	355.5
-35°	0.0	14.4	37.7	65.3	97.8	134.0	173.9	213.7	255.2	298.8	343.1
-37.5°	0.0	14.1	36.2	62.4	93.6	128.2	166.6	205.2	244.7	286.9	329.0
-40°	0.0	13.6	34.8	59.3	89.1	122.5	158.9	196.2	233.5	274.3	314.3
-42.5°	0.0	13.2	33.2	56.1	84.6	116.5	150.8	186.7	222.3	260.8	299.1
-45°	0.0	12.7	31.6	52.8	80.2	110.2	142.3	176.7	210.8	246.7	283.5
-47.5°	0.0	12.2	29.9	49.4	75.6	103.7	133.3	166.2	198.9	232.3	267.5
-50°	0.0	11.7	28.1	46.6	70.8	96.8	124.9	155.4	186.5	218.2	251.1
-52.5°	0.0	11.1	26.3	43.9	65.9	89.7	116.4	144.1	173.4	203.4	234.3
-55°	0.0	10.5	24.5	41.1	60.7	83.1	107.5	132.6	159.8	187.9	216.8
-57.5°	0.0	9.8	22.6	38.2	55.4	76.4	98.4	121.9	145.6	171.7	198.6
-60°	0.0	9.2	20.7	35.1	50.0	69.6	89.1	110.8	131.4	155.0	179.7
-62.5°	0.0	8.5	19.2	32.0	45.7	62.6	80.7	99.4	118.3	137.6	160.2
-65°	0.0	7.8	17.7	28.8	41.2	55.4	72.1	88.1	105.0	122.1	140.1
-67.5°	0.0	7.1	16.1	25.4	36.6	48.7	63.3	77.7	91.5	106.9	122.1
-70°	0.0	6.4	14.4	22.1	32.0	42.7	54.3	67.1	79.4	91.5	105.0
-72.5°	0.0	5.6	12.7	19.3	27.2	36.4	46.4	56.4	67.1	77.7	88.1
-75°	0.0	4.8	11.0	16.6	22.3	30.1	38.5	46.7	54.8	63.9	72.8
-77.5°	0.0	4.0	9.2	13.9	18.4	23.7	30.5	37.3	43.9	50.4	57.3
-80°	0.0	3.2	7.4	11.1	14.8	18.4	22.4	27.8	33.1	38.3	43.4
-82.5°	0.0	2.4	5.6	8.4	11.1	13.9	16.6	19.3	22.2	26.1	29.9
-85°	0.0	1.6	3.7	5.6	7.4	9.3	11.1	12.9	14.6	16.4	18.1
-87.5°	0.0	0.8	1.9	2.8	3.7	4.6	5.5	6.4	7.3	8.2	9.0
-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-SA4E-722-U-NR-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°	9.9	10.7	11.5	12.3	13.0	13.8	14.5	15.1	15.8	16.4	17.0
85°	19.7	21.4	23.8	26.1	28.1	29.8	31.3	32.5	34.7	37.0	39.4
82.5°	33.7	37.4	41.0	44.5	46.9	48.8	50.7	53.4	58.1	62.7	66.8
80°	48.4	53.4	58.9	64.3	69.0	73.7	78.5	83.5	88.7	93.6	98.3
77.5°	64.6	71.8	78.8	85.6	92.3	99.6	106.7	113.5	120.0	126.2	132.1
75°	81.6	90.1	99.6	108.9	118.0	126.7	135.4	144.5	153.3	161.7	169.7
72.5°	99.4	110.8	122.0	132.8	144.6	156.1	167.3	178.0	188.4	199.3	210.8
70°	118.3	131.4	145.9	159.8	173.0	186.7	200.4	212.3	223.5	238.6	254.0
67.5°	137.8	155.4	171.8	187.6	205.1	221.2	235.2	250.3	266.4	283.8	299.0
65°	160.8	179.9	199.0	218.8	239.0	255.9	273.5	292.1	310.3	327.6	344.1
62.5°	183.4	205.1	227.0	248.6	269.5	289.7	310.8	331.6	351.5	371.7	389.5
60°	205.3	229.8	253.0	275.6	299.2	324.3	347.7	370.7	394.7	417.6	429.5
57.5°	226.4	252.6	276.8	302.2	329.9	358.2	382.8	408.9	429.5	445.3	460.7
55°	246.2	273.5	300.0	328.6	358.6	388.1	415.5	438.7	457.7	472.2	488.5
52.5°	264.8	293.6	322.4	353.6	385.5	416.9	445.6	467.3	484.4	499.3	514.6
50°	283.1	313.2	343.7	378.0	412.1	445.5	473.6	493.5	509.6	524.9	540.7
47.5°	301.0	332.6	365.5	402.0	438.9	471.2	497.9	516.1	532.3	550.2	567.6
45°	318.5	352.8	387.7	426.8	463.9	495.0	517.7	536.0	556.0	575.4	593.9
42.5°	335.7	372.7	410.5	451.0	486.9	515.0	536.1	557.6	579.3	599.9	620.8
40°	353.1	391.9	431.8	472.1	508.3	532.5	554.9	578.1	602.0	624.3	647.5
37.5°	369.7	409.8	451.0	491.8	524.6	549.2	572.4	598.0	623.2	647.6	677.7
35°	385.5	426.1	467.7	507.1	538.8	564.1	590.2	617.1	643.5	675.0	709.5
32.5°	399.6	440.8	483.0	519.7	550.7	578.0	607.2	635.4	667.0	702.7	744.1
30°	411.5	453.7	496.0	531.8	562.1	591.1	622.7	653.7	690.7	733.7	782.9
27.5°	421.9	465.2	506.3	542.2	573.0	601.9	635.1	674.3	716.8	765.0	822.8
25°	431.6	476.9	516.1	551.7	581.7	611.9	647.5	690.8	741.9	800.0	870.7
22.5°	440.9	488.1	526.0	560.8	588.5	621.1	661.2	708.3	763.9	832.0	918.0
20°	449.7	496.5	534.0	567.9	593.6	629.1	673.3	723.7	786.8	868.0	967.4
17.5°	457.8	503.6	540.2	572.1	600.3	637.7	683.9	736.2	806.7	900.7	1012.9
15°	465.2	509.6	545.2	575.5	606.3	646.6	695.1	751.6	828.7	931.8	1053.1
12.5°	471.7	514.5	549.0	578.1	611.1	654.0	705.0	767.7	852.3	962.5	1104.2
10°	477.3	518.2	551.7	579.9	614.7	659.6	713.3	780.8	871.2	986.2	1143.4
7.5°	482.0	521.2	553.5	580.9	617.0	663.5	719.7	790.8	884.3	1003.0	1171.8
5°	485.3	523.5	555.7	584.2	620.6	666.6	724.4	797.6	892.1	1013.1	1189.4
2.5°	487.3	524.9	557.1	587.3	624.5	669.3	727.9	805.1	898.4	1022.8	1202.9
0°	487.9	525.4	557.5	589.7	627.2	670.1	729.1	809.5	900.6	1029.3	1211.6
-2.5°	487.3	524.9	557.1	587.3	624.5	669.3	727.9	805.1	898.4	1022.8	1202.9
-5°	485.3	523.5	555.7	584.2	620.6	666.6	724.4	797.6	892.1	1013.1	1189.4
-7.5°	482.0	521.2	553.5	580.9	617.0	663.5	719.7	790.8	884.3	1003.0	1171.8
-10°	477.3	518.2	551.7	579.9	614.7	659.6	713.3	780.8	871.2	986.2	1143.4
-12.5°	471.7	514.5	549.0	578.1	611.1	654.0	705.0	767.7	852.3	962.5	1104.2
-15°	465.2	509.6	545.2	575.5	606.3	646.6	695.1	751.6	828.7	931.8	1053.1
-17.5°	457.8	503.6	540.2	572.1	600.3	637.7	683.9	736.2	806.7	900.7	1012.9
-20°	449.7	496.5	534.0	567.9	593.6	629.1	673.3	723.7	786.8	868.0	967.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627489 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-722-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°	440.9	488.1	526.0	560.8	588.5	621.1	661.2	708.3	763.9	832.0	918.0
-25°	431.6	476.9	516.1	551.7	581.7	611.9	647.5	690.8	741.9	800.0	870.7
-27.5°	421.9	465.2	506.3	542.2	573.0	601.9	635.1	674.3	716.8	765.0	822.8
-30°	411.5	453.7	496.0	531.8	562.1	591.1	622.7	653.7	690.7	733.7	782.9
-32.5°	399.6	440.8	483.0	519.7	550.7	578.0	607.2	635.4	667.0	702.7	744.1
-35°	385.5	426.1	467.7	507.1	538.8	564.1	590.2	617.1	643.5	675.0	709.5
-37.5°	369.7	409.8	451.0	491.8	524.6	549.2	572.4	598.0	623.2	647.6	677.7
-40°	353.1	391.9	431.8	472.1	508.3	532.5	554.9	578.1	602.0	624.3	647.5
-42.5°	335.7	372.7	410.5	451.0	486.9	515.0	536.1	557.6	579.3	599.9	620.8
-45°	318.5	352.8	387.7	426.8	463.9	495.0	517.7	536.0	556.0	575.4	593.9
-47.5°	301.0	332.6	365.5	402.0	438.9	471.2	497.9	516.1	532.3	550.2	567.6
-50°	283.1	313.2	343.7	378.0	412.1	445.5	473.6	493.5	509.6	524.9	540.7
-52.5°	264.8	293.6	322.4	353.6	385.5	416.9	445.6	467.3	484.4	499.3	514.6
-55°	246.2	273.5	300.0	328.6	358.6	388.1	415.5	438.7	457.7	472.2	488.5
-57.5°	226.4	252.6	276.8	302.2	329.9	358.2	382.8	408.9	429.5	445.3	460.7
-60°	205.3	229.8	253.0	275.6	299.2	324.3	347.7	370.7	394.7	417.6	429.5
-62.5°	183.4	205.1	227.0	248.6	269.5	289.7	310.8	331.6	351.5	371.7	389.5
-65°	160.8	179.9	199.0	218.8	239.0	255.9	273.5	292.1	310.3	327.6	344.1
-67.5°	137.8	155.4	171.8	187.6	205.1	221.2	235.2	250.3	266.4	283.8	299.0
-70°	118.3	131.4	145.9	159.8	173.0	186.7	200.4	212.3	223.5	238.6	254.0
-72.5°	99.4	110.8	122.0	132.8	144.6	156.1	167.3	178.0	188.4	199.3	210.8
-75°	81.6	90.1	99.6	108.9	118.0	126.7	135.4	144.5	153.3	161.7	169.7
-77.5°	64.6	71.8	78.8	85.6	92.3	99.6	106.7	113.5	120.0	126.2	132.1
-80°	48.4	53.4	58.9	64.3	69.0	73.7	78.5	83.5	88.7	93.6	98.3
-82.5°	33.7	37.4	41.0	44.5	46.9	48.8	50.7	53.4	58.1	62.7	66.8
-85°	19.7	21.4	23.8	26.1	28.1	29.8	31.3	32.5	34.7	37.0	39.4
-87.5°	9.9	10.7	11.5	12.3	13.0	13.8	14.5	15.1	15.8	16.4	17.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627489 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-722-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°	17.5	18.0	18.5	19.0	19.4	19.8	20.1	20.4	20.7	19.6	18.5
85°	41.9	43.5	45.0	46.3	47.6	48.7	49.7	50.6	51.4	50.7	49.9
82.5°	70.6	73.4	76.0	78.3	80.5	82.5	84.3	85.9	87.2	87.1	86.8
80°	102.7	107.3	112.0	116.5	121.0	123.7	125.7	127.2	128.2	128.7	128.8
77.5°	138.1	145.2	152.7	160.0	167.1	171.2	174.1	176.6	178.5	178.9	178.6
75°	177.3	186.5	196.6	205.4	213.1	217.8	221.1	223.8	226.1	226.7	226.4
72.5°	222.8	234.1	243.2	250.6	257.1	262.2	266.3	269.8	272.6	273.8	274.0
70°	267.6	278.8	287.4	295.0	301.3	306.6	311.5	315.7	319.2	321.8	323.6
67.5°	313.0	325.8	334.6	341.5	346.9	352.4	358.9	364.6	369.3	372.5	374.1
65°	359.5	372.7	381.3	388.8	395.4	402.4	409.7	415.0	418.5	420.7	422.1
62.5°	404.7	416.9	427.7	437.7	447.2	455.2	460.2	464.7	468.5	471.7	474.1
60°	443.4	459.1	471.1	480.7	490.0	499.1	505.2	510.1	513.9	516.6	518.4
57.5°	476.5	492.4	506.6	515.9	526.1	536.9	544.0	548.1	551.8	555.1	556.5
55°	505.4	520.1	533.2	545.9	557.3	567.0	574.5	580.0	584.7	588.3	589.5
52.5°	531.4	547.5	562.8	576.3	587.5	596.8	604.2	611.0	616.3	619.8	621.4
50°	558.7	576.0	592.5	607.2	618.7	629.1	638.4	646.5	654.2	660.2	664.6
47.5°	585.6	604.1	622.2	638.4	652.2	667.3	680.9	692.3	703.5	712.6	718.9
45°	612.7	634.0	653.7	674.6	693.3	713.1	731.5	747.2	763.6	775.8	784.2
42.5°	642.8	667.0	690.7	716.8	742.2	768.0	795.8	820.7	839.9	857.9	872.5
40°	675.0	702.7	733.7	765.7	803.2	837.2	874.6	906.8	935.8	966.5	990.9
37.5°	709.5	744.1	784.8	827.5	876.0	922.6	971.5	1019.5	1061.4	1110.8	1148.6
35°	747.5	793.7	843.8	901.6	962.0	1028.7	1095.5	1172.8	1239.2	1312.4	1376.1
32.5°	792.5	847.6	913.4	989.6	1067.2	1168.5	1263.0	1386.0	1492.2	1608.3	1725.1
30°	838.9	910.9	995.8	1091.8	1215.1	1354.3	1509.5	1692.3	1880.9	2063.3	2283.4
27.5°	896.2	983.1	1086.0	1226.2	1407.8	1595.9	1862.6	2137.2	2483.7	2770.4	3174.6
25°	955.8	1058.1	1204.3	1395.0	1632.0	1958.4	2363.2	2801.9	3411.7	3947.5	4575.8
22.5°	1020.7	1158.8	1340.7	1576.1	1935.4	2436.5	3049.4	3875.4	4774.9	5729.7	6679.6
20°	1088.3	1255.4	1493.8	1835.0	2327.9	3006.6	4058.8	5334.0	6618.9	8194.6	9589.8
17.5°	1166.6	1379.3	1673.0	2099.7	2757.5	3797.2	5256.9	7037.0	9030.5	11296.1	13307.5
15°	1231.8	1485.5	1856.1	2453.1	3357.9	4693.0	6533.9	8982.7	11978.4	15021.1	18108.0
12.5°	1307.6	1600.9	2036.3	2748.1	3884.4	5658.8	8164.5	11264.1	15005.4	19225.7	24200.9
10°	1374.8	1714.3	2255.5	3136.6	4525.3	6666.1	9707.1	13436.1	18264.3	24336.3	32040.8
7.5°	1424.7	1804.5	2424.7	3432.3	5079.4	7634.5	11164.6	15814.6	21949.6	29967.7	40541.5
5°	1457.0	1869.8	2544.4	3660.5	5513.1	8355.3	12232.7	17501.6	24903.0	36243.2	54148.5
2.5°	1476.4	1908.4	2612.8	3794.2	5776.8	8832.8	13045.4	18777.2	26817.0	40121.5	62900.3
0°	1485.0	1919.2	2653.7	3865.3	5864.9	9017.2	13418.6	19358.5	27673.4	41027.7	64439.1
-2.5°	1476.4	1908.4	2612.8	3794.2	5776.8	8832.8	13045.4	18777.2	26817.0	40121.5	62900.3
-5°	1457.0	1869.8	2544.4	3660.5	5513.1	8355.3	12232.7	17501.6	24903.0	36243.2	54148.5
-7.5°	1424.7	1804.5	2424.7	3432.3	5079.4	7634.5	11164.6	15814.6	21949.6	29967.7	40541.5
-10°	1374.8	1714.3	2255.5	3136.6	4525.3	6666.1	9707.1	13436.1	18264.3	24336.3	32040.8
-12.5°	1307.6	1600.9	2036.3	2748.1	3884.4	5658.8	8164.5	11264.1	15005.4	19225.7	24200.9
-15°	1231.8	1485.5	1856.1	2453.1	3357.9	4693.0	6533.9	8982.7	11978.4	15021.1	18108.0
-17.5°	1166.6	1379.3	1673.0	2099.7	2757.5	3797.2	5256.9	7037.0	9030.5	11296.1	13307.5
-20°	1088.3	1255.4	1493.8	1835.0	2327.9	3006.6	4058.8	5334.0	6618.9	8194.6	9589.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627489 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1020.7	1158.8	1340.7	1576.1	1935.4	2436.5	3049.4	3875.4	4774.9	5729.7	6679.6
-25°	955.8	1058.1	1204.3	1395.0	1632.0	1958.4	2363.2	2801.9	3411.7	3947.5	4575.8
-27.5°	896.2	983.1	1086.0	1226.2	1407.8	1595.9	1862.6	2137.2	2483.7	2770.4	3174.6
-30°	838.9	910.9	995.8	1091.8	1215.1	1354.3	1509.5	1692.3	1880.9	2063.3	2283.4
-32.5°	792.5	847.6	913.4	989.6	1067.2	1168.5	1263.0	1386.0	1492.2	1608.3	1725.1
-35°	747.5	793.7	843.8	901.6	962.0	1028.7	1095.5	1172.8	1239.2	1312.4	1376.1
-37.5°	709.5	744.1	784.8	827.5	876.0	922.6	971.5	1019.5	1061.4	1110.8	1148.6
-40°	675.0	702.7	733.7	765.7	803.2	837.2	874.6	906.8	935.8	966.5	990.9
-42.5°	642.8	667.0	690.7	716.8	742.2	768.0	795.8	820.7	839.9	857.9	872.5
-45°	612.7	634.0	653.7	674.6	693.3	713.1	731.5	747.2	763.6	775.8	784.2
-47.5°	585.6	604.1	622.2	638.4	652.2	667.3	680.9	692.3	703.5	712.6	718.9
-50°	558.7	576.0	592.5	607.2	618.7	629.1	638.4	646.5	654.2	660.2	664.6
-52.5°	531.4	547.5	562.8	576.3	587.5	596.8	604.2	611.0	616.3	619.8	621.4
-55°	505.4	520.1	533.2	545.9	557.3	567.0	574.5	580.0	584.7	588.3	589.5
-57.5°	476.5	492.4	506.6	515.9	526.1	536.9	544.0	548.1	551.8	555.1	556.5
-60°	443.4	459.1	471.1	480.7	490.0	499.1	505.2	510.1	513.9	516.6	518.4
-62.5°	404.7	416.9	427.7	437.7	447.2	455.2	460.2	464.7	468.5	471.7	474.1
-65°	359.5	372.7	381.3	388.8	395.4	402.4	409.7	415.0	418.5	420.7	422.1
-67.5°	313.0	325.8	334.6	341.5	346.9	352.4	358.9	364.6	369.3	372.5	374.1
-70°	267.6	278.8	287.4	295.0	301.3	306.6	311.5	315.7	319.2	321.8	323.6
-72.5°	222.8	234.1	243.2	250.6	257.1	262.2	266.3	269.8	272.6	273.8	274.0
-75°	177.3	186.5	196.6	205.4	213.1	217.8	221.1	223.8	226.1	226.7	226.4
-77.5°	138.1	145.2	152.7	160.0	167.1	171.2	174.1	176.6	178.5	178.9	178.6
-80°	102.7	107.3	112.0	116.5	121.0	123.7	125.7	127.2	128.2	128.7	128.8
-82.5°	70.6	73.4	76.0	78.3	80.5	82.5	84.3	85.9	87.2	87.1	86.8
-85°	41.9	43.5	45.0	46.3	47.6	48.7	49.7	50.6	51.4	50.7	49.9
-87.5°	17.5	18.0	18.5	19.0	19.4	19.8	20.1	20.4	20.7	19.6	18.5
-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: P627489 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-722-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°	17.3	16.0	16.1	16.1	16.1	16.0	17.3	18.5	19.6	20.7	20.4
85°	49.0	48.0	48.1	48.2	48.1	48.0	49.0	49.9	50.7	51.4	50.6
82.5°	86.2	85.4	85.7	85.8	85.7	85.4	86.2	86.8	87.1	87.2	85.9
80°	128.6	128.1	125.9	123.3	125.9	128.1	128.6	128.8	128.7	128.2	127.2
77.5°	177.6	176.1	174.1	171.6	174.1	176.1	177.6	178.6	178.9	178.5	176.6
75°	225.6	224.3	224.9	225.2	224.9	224.3	225.6	226.4	226.7	226.1	223.8
72.5°	273.5	272.3	273.1	273.4	273.1	272.3	273.5	274.0	273.8	272.6	269.8
70°	324.9	325.5	324.1	321.7	324.1	325.5	324.9	323.6	321.8	319.2	315.7
67.5°	374.6	374.0	372.4	369.9	372.4	374.0	374.6	374.1	372.5	369.3	364.6
65°	422.6	422.1	423.0	423.5	423.0	422.1	422.6	422.1	420.7	418.5	415.0
62.5°	475.3	475.4	474.2	471.8	474.2	475.4	475.3	474.1	471.7	468.5	464.7
60°	519.1	518.7	517.2	514.7	517.2	518.7	519.1	518.4	516.6	513.9	510.1
57.5°	557.0	556.4	554.8	552.2	554.8	556.4	557.0	556.5	555.1	551.8	548.1
55°	589.7	588.9	587.1	584.3	587.1	588.9	589.7	589.5	588.3	584.7	580.0
52.5°	621.8	621.1	621.3	621.9	621.3	621.1	621.8	621.4	619.8	616.3	611.0
50°	667.3	668.2	667.4	664.8	667.4	668.2	667.3	664.6	660.2	654.2	646.5
47.5°	721.9	722.2	720.9	718.4	720.9	722.2	721.9	718.9	712.6	703.5	692.3
45°	790.7	794.6	795.6	793.4	795.6	794.6	790.7	784.2	775.8	763.6	747.2
42.5°	883.8	889.8	891.6	889.9	891.6	889.8	883.8	872.5	857.9	839.9	820.7
40°	1005.9	1012.9	1014.2	1013.2	1014.2	1012.9	1005.9	990.9	966.5	935.8	906.8
37.5°	1175.1	1192.0	1199.9	1200.9	1199.9	1192.0	1175.1	1148.6	1110.8	1061.4	1019.5
35°	1424.6	1458.3	1476.3	1485.0	1476.3	1458.3	1424.6	1376.1	1312.4	1239.2	1172.8
32.5°	1813.7	1881.1	1918.4	1913.9	1918.4	1881.1	1813.7	1725.1	1608.3	1492.2	1386.0
30°	2449.3	2567.2	2626.5	2610.8	2626.5	2567.2	2449.3	2283.4	2063.3	1880.9	1692.3
27.5°	3464.8	3677.9	3801.1	3784.9	3801.1	3677.9	3464.8	3174.6	2770.4	2483.7	2137.2
25°	5101.1	5490.0	5738.9	5677.3	5738.9	5490.0	5101.1	4575.8	3947.5	3411.7	2801.9
22.5°	7590.3	8249.0	8685.0	8631.2	8685.0	8249.0	7590.3	6679.6	5729.7	4774.9	3875.4
20°	11004.7	12007.3	12723.3	12818.1	12723.3	12007.3	11004.7	9589.8	8194.6	6618.9	5334.0
17.5°	15480.3	17070.1	18176.7	18361.4	18176.7	17070.1	15480.3	13307.5	11296.1	9030.5	7037.0
15°	21297.0	23895.4	25775.9	25931.1	25775.9	23895.4	21297.0	18108.0	15021.1	11978.4	8982.7
12.5°	29195.2	34421.3	37832.0	39333.6	37832.0	34421.3	29195.2	24200.9	19225.7	15005.4	11264.1
10°	40125.9	52129.9	59817.4	62707.5	59817.4	52129.9	40125.9	32040.8	24336.3	18264.3	13436.1
7.5°	58383.5	77230.1	98182.5	107112.6	98182.5	77230.1	58383.5	40541.5	29967.7	21949.6	15814.6
5°	79058.7	118173.0	155377.5	169905.8	155377.5	118173.0	79058.7	54148.5	36243.2	24903.0	17501.6
2.5°	100814.5	155334.0	206422.9	226402.7	206422.9	155334.0	100814.5	62900.3	40121.5	26817.0	18777.2
0°	109310.6	171605.3	227815.3	250218.8	227815.3	171605.3	109310.6	64439.1	41027.7	27673.4	19358.5
-2.5°	100814.5	155334.0	206422.9	226402.7	206422.9	155334.0	100814.5	62900.3	40121.5	26817.0	18777.2
-5°	79058.7	118173.0	155377.5	169905.8	155377.5	118173.0	79058.7	54148.5	36243.2	24903.0	17501.6
-7.5°	58383.5	77230.1	98182.5	107112.6	98182.5	77230.1	58383.5	40541.5	29967.7	21949.6	15814.6
-10°	40125.9	52129.9	59817.4	62707.5	59817.4	52129.9	40125.9	32040.8	24336.3	18264.3	13436.1
-12.5°	29195.2	34421.3	37832.0	39333.6	37832.0	34421.3	29195.2	24200.9	19225.7	15005.4	11264.1
-15°	21297.0	23895.4	25775.9	25931.1	25775.9	23895.4	21297.0	18108.0	15021.1	11978.4	8982.7
-17.5°	15480.3	17070.1	18176.7	18361.4	18176.7	17070.1	15480.3	13307.5	11296.1	9030.5	7037.0
-20°	11004.7	12007.3	12723.3	12818.1	12723.3	12007.3	11004.7	9589.8	8194.6	6618.9	5334.0



REPORT NUMBER: P627489 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-722-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°	7590.3	8249.0	8685.0	8631.2	8685.0	8249.0	7590.3	6679.6	5729.7	4774.9	3875.4
-25°	5101.1	5490.0	5738.9	5677.3	5738.9	5490.0	5101.1	4575.8	3947.5	3411.7	2801.9
-27.5°	3464.8	3677.9	3801.1	3784.9	3801.1	3677.9	3464.8	3174.6	2770.4	2483.7	2137.2
-30°	2449.3	2567.2	2626.5	2610.8	2626.5	2567.2	2449.3	2283.4	2063.3	1880.9	1692.3
-32.5°	1813.7	1881.1	1918.4	1913.9	1918.4	1881.1	1813.7	1725.1	1608.3	1492.2	1386.0
-35°	1424.6	1458.3	1476.3	1485.0	1476.3	1458.3	1424.6	1376.1	1312.4	1239.2	1172.8
-37.5°	1175.1	1192.0	1199.9	1200.9	1199.9	1192.0	1175.1	1148.6	1110.8	1061.4	1019.5
-40°	1005.9	1012.9	1014.2	1013.2	1014.2	1012.9	1005.9	990.9	966.5	935.8	906.8
-42.5°	883.8	889.8	891.6	889.9	891.6	889.8	883.8	872.5	857.9	839.9	820.7
-45°	790.7	794.6	795.6	793.4	795.6	794.6	790.7	784.2	775.8	763.6	747.2
-47.5°	721.9	722.2	720.9	718.4	720.9	722.2	721.9	718.9	712.6	703.5	692.3
-50°	667.3	668.2	667.4	664.8	667.4	668.2	667.3	664.6	660.2	654.2	646.5
-52.5°	621.8	621.1	621.3	621.9	621.3	621.1	621.8	621.4	619.8	616.3	611.0
-55°	589.7	588.9	587.1	584.3	587.1	588.9	589.7	589.5	588.3	584.7	580.0
-57.5°	557.0	556.4	554.8	552.2	554.8	556.4	557.0	556.5	555.1	551.8	548.1
-60°	519.1	518.7	517.2	514.7	517.2	518.7	519.1	518.4	516.6	513.9	510.1
-62.5°	475.3	475.4	474.2	471.8	474.2	475.4	475.3	474.1	471.7	468.5	464.7
-65°	422.6	422.1	423.0	423.5	423.0	422.1	422.6	422.1	420.7	418.5	415.0
-67.5°	374.6	374.0	372.4	369.9	372.4	374.0	374.6	374.1	372.5	369.3	364.6
-70°	324.9	325.5	324.1	321.7	324.1	325.5	324.9	323.6	321.8	319.2	315.7
-72.5°	273.5	272.3	273.1	273.4	273.1	272.3	273.5	274.0	273.8	272.6	269.8
-75°	225.6	224.3	224.9	225.2	224.9	224.3	225.6	226.4	226.7	226.1	223.8
-77.5°	177.6	176.1	174.1	171.6	174.1	176.1	177.6	178.6	178.9	178.5	176.6
-80°	128.6	128.1	125.9	123.3	125.9	128.1	128.6	128.8	128.7	128.2	127.2
-82.5°	86.2	85.4	85.7	85.8	85.7	85.4	86.2	86.8	87.1	87.2	85.9
-85°	49.0	48.0	48.1	48.2	48.1	48.0	49.0	49.9	50.7	51.4	50.6
-87.5°	17.3	16.0	16.1	16.1	16.1	16.0	17.3	18.5	19.6	20.7	20.4
-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: P627489 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-722-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°	20.1	19.8	19.4	19.0	18.5	18.0	17.5	17.0	16.4	15.8	15.1
85°	49.7	48.7	47.6	46.3	45.0	43.5	41.9	39.4	37.0	34.7	32.5
82.5°	84.3	82.5	80.5	78.3	76.0	73.4	70.6	66.8	62.7	58.1	53.4
80°	125.7	123.7	121.0	116.5	112.0	107.3	102.7	98.3	93.6	88.7	83.5
77.5°	174.1	171.2	167.1	160.0	152.7	145.2	138.1	132.1	126.2	120.0	113.5
75°	221.1	217.8	213.1	205.4	196.6	186.5	177.3	169.7	161.7	153.3	144.5
72.5°	266.3	262.2	257.1	250.6	243.2	234.1	222.8	210.8	199.3	188.4	178.0
70°	311.5	306.6	301.3	295.0	287.4	278.8	267.6	254.0	238.6	223.5	212.3
67.5°	358.9	352.4	346.9	341.5	334.6	325.8	313.0	299.0	283.8	266.4	250.3
65°	409.7	402.4	395.4	388.8	381.3	372.7	359.5	344.1	327.6	310.3	292.1
62.5°	460.2	455.2	447.2	437.7	427.7	416.9	404.7	389.5	371.7	351.5	331.6
60°	505.2	499.1	490.0	480.7	471.1	459.1	443.4	429.5	417.6	394.7	370.7
57.5°	544.0	536.9	526.1	515.9	506.6	492.4	476.5	460.7	445.3	429.5	408.9
55°	574.5	567.0	557.3	545.9	533.2	520.1	505.4	488.5	472.2	457.7	438.7
52.5°	604.2	596.8	587.5	576.3	562.8	547.5	531.4	514.6	499.3	484.4	467.3
50°	638.4	629.1	618.7	607.2	592.5	576.0	558.7	540.7	524.9	509.6	493.5
47.5°	680.9	667.3	652.2	638.4	622.2	604.1	585.6	567.6	550.2	532.3	516.1
45°	731.5	713.1	693.3	674.6	653.7	634.0	612.7	593.9	575.4	556.0	536.0
42.5°	795.8	768.0	742.2	716.8	690.7	667.0	642.8	620.8	599.9	579.3	557.6
40°	874.6	837.2	803.2	765.7	733.7	702.7	675.0	647.5	624.3	602.0	578.1
37.5°	971.5	922.6	876.0	827.5	784.8	744.1	709.5	677.7	647.6	623.2	598.0
35°	1095.5	1028.7	962.0	901.6	843.8	793.7	747.5	709.5	675.0	643.5	617.1
32.5°	1263.0	1168.5	1067.2	989.6	913.4	847.6	792.5	744.1	702.7	667.0	635.4
30°	1509.5	1354.3	1215.1	1091.8	995.8	910.9	838.9	782.9	733.7	690.7	653.7
27.5°	1862.6	1595.9	1407.8	1226.2	1086.0	983.1	896.2	822.8	765.0	716.8	674.3
25°	2363.2	1958.4	1632.0	1395.0	1204.3	1058.1	955.8	870.7	800.0	741.9	690.8
22.5°	3049.4	2436.5	1935.4	1576.1	1340.7	1158.8	1020.7	918.0	832.0	763.9	708.3
20°	4058.8	3006.6	2327.9	1835.0	1493.8	1255.4	1088.3	967.4	868.0	786.8	723.7
17.5°	5256.9	3797.2	2757.5	2099.7	1673.0	1379.3	1166.6	1012.9	900.7	806.7	736.2
15°	6533.9	4693.0	3357.9	2453.1	1856.1	1485.5	1231.8	1053.1	931.8	828.7	751.6
12.5°	8164.5	5658.8	3884.4	2748.1	2036.3	1600.9	1307.6	1104.2	962.5	852.3	767.7
10°	9707.1	6666.1	4525.3	3136.6	2255.5	1714.3	1374.8	1143.4	986.2	871.2	780.8
7.5°	11164.6	7634.5	5079.4	3432.3	2424.7	1804.5	1424.7	1171.8	1003.0	884.3	790.8
5°	12232.7	8355.3	5513.1	3660.5	2544.4	1869.8	1457.0	1189.4	1013.1	892.1	797.6
2.5°	13045.4	8832.8	5776.8	3794.2	2612.8	1908.4	1476.4	1202.9	1022.8	898.4	805.1
0°	13418.6	9017.2	5864.9	3865.3	2653.7	1919.2	1485.0	1211.6	1029.3	900.6	809.5
-2.5°	13045.4	8832.8	5776.8	3794.2	2612.8	1908.4	1476.4	1202.9	1022.8	898.4	805.1
-5°	12232.7	8355.3	5513.1	3660.5	2544.4	1869.8	1457.0	1189.4	1013.1	892.1	797.6
-7.5°	11164.6	7634.5	5079.4	3432.3	2424.7	1804.5	1424.7	1171.8	1003.0	884.3	790.8
-10°	9707.1	6666.1	4525.3	3136.6	2255.5	1714.3	1374.8	1143.4	986.2	871.2	780.8
-12.5°	8164.5	5658.8	3884.4	2748.1	2036.3	1600.9	1307.6	1104.2	962.5	852.3	767.7
-15°	6533.9	4693.0	3357.9	2453.1	1856.1	1485.5	1231.8	1053.1	931.8	828.7	751.6
-17.5°	5256.9	3797.2	2757.5	2099.7	1673.0	1379.3	1166.6	1012.9	900.7	806.7	736.2
-20°	4058.8	3006.6	2327.9	1835.0	1493.8	1255.4	1088.3	967.4	868.0	786.8	723.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627489 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3049.4	2436.5	1935.4	1576.1	1340.7	1158.8	1020.7	918.0	832.0	763.9	708.3
-25°	2363.2	1958.4	1632.0	1395.0	1204.3	1058.1	955.8	870.7	800.0	741.9	690.8
-27.5°	1862.6	1595.9	1407.8	1226.2	1086.0	983.1	896.2	822.8	765.0	716.8	674.3
-30°	1509.5	1354.3	1215.1	1091.8	995.8	910.9	838.9	782.9	733.7	690.7	653.7
-32.5°	1263.0	1168.5	1067.2	989.6	913.4	847.6	792.5	744.1	702.7	667.0	635.4
-35°	1095.5	1028.7	962.0	901.6	843.8	793.7	747.5	709.5	675.0	643.5	617.1
-37.5°	971.5	922.6	876.0	827.5	784.8	744.1	709.5	677.7	647.6	623.2	598.0
-40°	874.6	837.2	803.2	765.7	733.7	702.7	675.0	647.5	624.3	602.0	578.1
-42.5°	795.8	768.0	742.2	716.8	690.7	667.0	642.8	620.8	599.9	579.3	557.6
-45°	731.5	713.1	693.3	674.6	653.7	634.0	612.7	593.9	575.4	556.0	536.0
-47.5°	680.9	667.3	652.2	638.4	622.2	604.1	585.6	567.6	550.2	532.3	516.1
-50°	638.4	629.1	618.7	607.2	592.5	576.0	558.7	540.7	524.9	509.6	493.5
-52.5°	604.2	596.8	587.5	576.3	562.8	547.5	531.4	514.6	499.3	484.4	467.3
-55°	574.5	567.0	557.3	545.9	533.2	520.1	505.4	488.5	472.2	457.7	438.7
-57.5°	544.0	536.9	526.1	515.9	506.6	492.4	476.5	460.7	445.3	429.5	408.9
-60°	505.2	499.1	490.0	480.7	471.1	459.1	443.4	429.5	417.6	394.7	370.7
-62.5°	460.2	455.2	447.2	437.7	427.7	416.9	404.7	389.5	371.7	351.5	331.6
-65°	409.7	402.4	395.4	388.8	381.3	372.7	359.5	344.1	327.6	310.3	292.1
-67.5°	358.9	352.4	346.9	341.5	334.6	325.8	313.0	299.0	283.8	266.4	250.3
-70°	311.5	306.6	301.3	295.0	287.4	278.8	267.6	254.0	238.6	223.5	212.3
-72.5°	266.3	262.2	257.1	250.6	243.2	234.1	222.8	210.8	199.3	188.4	178.0
-75°	221.1	217.8	213.1	205.4	196.6	186.5	177.3	169.7	161.7	153.3	144.5
-77.5°	174.1	171.2	167.1	160.0	152.7	145.2	138.1	132.1	126.2	120.0	113.5
-80°	125.7	123.7	121.0	116.5	112.0	107.3	102.7	98.3	93.6	88.7	83.5
-82.5°	84.3	82.5	80.5	78.3	76.0	73.4	70.6	66.8	62.7	58.1	53.4
-85°	49.7	48.7	47.6	46.3	45.0	43.5	41.9	39.4	37.0	34.7	32.5
-87.5°	20.1	19.8	19.4	19.0	18.5	18.0	17.5	17.0	16.4	15.8	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: P627489 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-722-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°	14.5	13.8	13.0	12.3	11.5	10.7	9.9	9.0	8.2	7.3	6.4
85°	31.3	29.8	28.1	26.1	23.8	21.4	19.7	18.1	16.4	14.6	12.9
82.5°	50.7	48.8	46.9	44.5	41.0	37.4	33.7	29.9	26.1	22.2	19.3
80°	78.5	73.7	69.0	64.3	58.9	53.4	48.4	43.4	38.3	33.1	27.8
77.5°	106.7	99.6	92.3	85.6	78.8	71.8	64.6	57.3	50.4	43.9	37.3
75°	135.4	126.7	118.0	108.9	99.6	90.1	81.6	72.8	63.9	54.8	46.7
72.5°	167.3	156.1	144.6	132.8	122.0	110.8	99.4	88.1	77.7	67.1	56.4
70°	200.4	186.7	173.0	159.8	145.9	131.4	118.3	105.0	91.5	79.4	67.1
67.5°	235.2	221.2	205.1	187.6	171.8	155.4	137.8	122.1	106.9	91.5	77.7
65°	273.5	255.9	239.0	218.8	199.0	179.9	160.8	140.1	122.1	105.0	88.1
62.5°	310.8	289.7	269.5	248.6	227.0	205.1	183.4	160.2	137.6	118.3	99.4
60°	347.7	324.3	299.2	275.6	253.0	229.8	205.3	179.7	155.0	131.4	110.8
57.5°	382.8	358.2	329.9	302.2	276.8	252.6	226.4	198.6	171.7	145.6	121.9
55°	415.5	388.1	358.6	328.6	300.0	273.5	246.2	216.8	187.9	159.8	132.6
52.5°	445.6	416.9	385.5	353.6	322.4	293.6	264.8	234.3	203.4	173.4	144.1
50°	473.6	445.5	412.1	378.0	343.7	313.2	283.1	251.1	218.2	186.5	155.4
47.5°	497.9	471.2	438.9	402.0	365.5	332.6	301.0	267.5	232.3	198.9	166.2
45°	517.7	495.0	463.9	426.8	387.7	352.8	318.5	283.5	246.7	210.8	176.7
42.5°	536.1	515.0	486.9	451.0	410.5	372.7	335.7	299.1	260.8	222.3	186.7
40°	554.9	532.5	508.3	472.1	431.8	391.9	353.1	314.3	274.3	233.5	196.2
37.5°	572.4	549.2	524.6	491.8	451.0	409.8	369.7	329.0	286.9	244.7	205.2
35°	590.2	564.1	538.8	507.1	467.7	426.1	385.5	343.1	298.8	255.2	213.7
32.5°	607.2	578.0	550.7	519.7	483.0	440.8	399.6	355.5	310.0	264.8	221.7
30°	622.7	591.1	562.1	531.8	496.0	453.7	411.5	366.7	320.3	273.6	229.2
27.5°	635.1	601.9	573.0	542.2	506.3	465.2	421.9	376.7	329.9	281.7	236.3
25°	647.5	611.9	581.7	551.7	516.1	476.9	431.6	385.6	338.3	289.4	242.7
22.5°	661.2	621.1	588.5	560.8	526.0	488.1	440.9	393.3	345.5	296.3	248.4
20°	673.3	629.1	593.6	567.9	534.0	496.5	449.7	400.3	351.8	302.4	253.4
17.5°	683.9	637.7	600.3	572.1	540.2	503.6	457.8	406.5	357.0	307.7	257.7
15°	695.1	646.6	606.3	575.5	545.2	509.6	465.2	411.8	361.3	312.2	261.5
12.5°	705.0	654.0	611.1	578.1	549.0	514.5	471.7	416.3	364.6	316.0	265.0
10°	713.3	659.6	614.7	579.9	551.7	518.2	477.3	420.5	368.2	318.9	267.9
7.5°	719.7	663.5	617.0	580.9	553.5	521.2	482.0	425.5	371.2	320.9	270.2
5°	724.4	666.6	620.6	584.2	555.7	523.5	485.3	429.4	373.4	322.0	272.0
2.5°	727.9	669.3	624.5	587.3	557.1	524.9	487.3	432.4	374.8	322.3	273.0
0°	729.1	670.1	627.2	589.7	557.5	525.4	487.9	434.2	375.3	321.7	273.4
-2.5°	727.9	669.3	624.5	587.3	557.1	524.9	487.3	432.4	374.8	322.3	273.0
-5°	724.4	666.6	620.6	584.2	555.7	523.5	485.3	429.4	373.4	322.0	272.0
-7.5°	719.7	663.5	617.0	580.9	553.5	521.2	482.0	425.5	371.2	320.9	270.2
-10°	713.3	659.6	614.7	579.9	551.7	518.2	477.3	420.5	368.2	318.9	267.9
-12.5°	705.0	654.0	611.1	578.1	549.0	514.5	471.7	416.3	364.6	316.0	265.0
-15°	695.1	646.6	606.3	575.5	545.2	509.6	465.2	411.8	361.3	312.2	261.5
-17.5°	683.9	637.7	600.3	572.1	540.2	503.6	457.8	406.5	357.0	307.7	257.7
-20°	673.3	629.1	593.6	567.9	534.0	496.5	449.7	400.3	351.8	302.4	253.4



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	661.2	621.1	588.5	560.8	526.0	488.1	440.9	393.3	345.5	296.3	248.4
-25°	647.5	611.9	581.7	551.7	516.1	476.9	431.6	385.6	338.3	289.4	242.7
-27.5°	635.1	601.9	573.0	542.2	506.3	465.2	421.9	376.7	329.9	281.7	236.3
-30°	622.7	591.1	562.1	531.8	496.0	453.7	411.5	366.7	320.3	273.6	229.2
-32.5°	607.2	578.0	550.7	519.7	483.0	440.8	399.6	355.5	310.0	264.8	221.7
-35°	590.2	564.1	538.8	507.1	467.7	426.1	385.5	343.1	298.8	255.2	213.7
-37.5°	572.4	549.2	524.6	491.8	451.0	409.8	369.7	329.0	286.9	244.7	205.2
-40°	554.9	532.5	508.3	472.1	431.8	391.9	353.1	314.3	274.3	233.5	196.2
-42.5°	536.1	515.0	486.9	451.0	410.5	372.7	335.7	299.1	260.8	222.3	186.7
-45°	517.7	495.0	463.9	426.8	387.7	352.8	318.5	283.5	246.7	210.8	176.7
-47.5°	497.9	471.2	438.9	402.0	365.5	332.6	301.0	267.5	232.3	198.9	166.2
-50°	473.6	445.5	412.1	378.0	343.7	313.2	283.1	251.1	218.2	186.5	155.4
-52.5°	445.6	416.9	385.5	353.6	322.4	293.6	264.8	234.3	203.4	173.4	144.1
-55°	415.5	388.1	358.6	328.6	300.0	273.5	246.2	216.8	187.9	159.8	132.6
-57.5°	382.8	358.2	329.9	302.2	276.8	252.6	226.4	198.6	171.7	145.6	121.9
-60°	347.7	324.3	299.2	275.6	253.0	229.8	205.3	179.7	155.0	131.4	110.8
-62.5°	310.8	289.7	269.5	248.6	227.0	205.1	183.4	160.2	137.6	118.3	99.4
-65°	273.5	255.9	239.0	218.8	199.0	179.9	160.8	140.1	122.1	105.0	88.1
-67.5°	235.2	221.2	205.1	187.6	171.8	155.4	137.8	122.1	106.9	91.5	77.7
-70°	200.4	186.7	173.0	159.8	145.9	131.4	118.3	105.0	91.5	79.4	67.1
-72.5°	167.3	156.1	144.6	132.8	122.0	110.8	99.4	88.1	77.7	67.1	56.4
-75°	135.4	126.7	118.0	108.9	99.6	90.1	81.6	72.8	63.9	54.8	46.7
-77.5°	106.7	99.6	92.3	85.6	78.8	71.8	64.6	57.3	50.4	43.9	37.3
-80°	78.5	73.7	69.0	64.3	58.9	53.4	48.4	43.4	38.3	33.1	27.8
-82.5°	50.7	48.8	46.9	44.5	41.0	37.4	33.7	29.9	26.1	22.2	19.3
-85°	31.3	29.8	28.1	26.1	23.8	21.4	19.7	18.1	16.4	14.6	12.9
-87.5°	14.5	13.8	13.0	12.3	11.5	10.7	9.9	9.0	8.2	7.3	6.4
-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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1121 Highway 74 South
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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.5	4.6	3.7	2.8	1.9	0.8	0.0
85°	11.1	9.3	7.4	5.6	3.7	1.6	0.0
82.5°	16.6	13.9	11.1	8.4	5.6	2.4	0.0
80°	22.4	18.4	14.8	11.1	7.4	3.2	0.0
77.5°	30.5	23.7	18.4	13.9	9.2	4.0	0.0
75°	38.5	30.1	22.3	16.6	11.0	4.8	0.0
72.5°	46.4	36.4	27.2	19.3	12.7	5.6	0.0
70°	54.3	42.7	32.0	22.1	14.4	6.4	0.0
67.5°	63.3	48.7	36.6	25.4	16.1	7.1	0.0
65°	72.1	55.4	41.2	28.8	17.7	7.8	0.0
62.5°	80.7	62.6	45.7	32.0	19.2	8.5	0.0
60°	89.1	69.6	50.0	35.1	20.7	9.2	0.0
57.5°	98.4	76.4	55.4	38.2	22.6	9.8	0.0
55°	107.5	83.1	60.7	41.1	24.5	10.5	0.0
52.5°	116.4	89.7	65.9	43.9	26.3	11.1	0.0
50°	124.9	96.8	70.8	46.6	28.1	11.7	0.0
47.5°	133.3	103.7	75.6	49.4	29.9	12.2	0.0
45°	142.3	110.2	80.2	52.8	31.6	12.7	0.0
42.5°	150.8	116.5	84.6	56.1	33.2	13.2	0.0
40°	158.9	122.5	89.1	59.3	34.8	13.6	0.0
37.5°	166.6	128.2	93.6	62.4	36.2	14.1	0.0
35°	173.9	134.0	97.8	65.3	37.7	14.4	0.0
32.5°	180.7	139.6	101.8	68.1	39.0	14.8	0.0
30°	187.1	144.9	105.5	70.6	40.3	15.1	0.0
27.5°	192.9	149.8	109.1	73.0	41.5	15.4	0.0
25°	198.3	154.2	112.5	75.2	42.6	15.6	0.0
22.5°	203.1	158.2	115.5	77.2	43.6	15.8	0.0
20°	207.5	161.7	118.3	79.0	44.5	16.0	0.0
17.5°	211.1	164.6	120.7	80.6	45.4	16.1	0.0
15°	214.0	167.1	122.8	81.9	46.1	16.2	0.0
12.5°	216.4	169.0	124.6	83.1	46.7	16.3	0.0
10°	218.2	170.4	126.1	84.1	47.3	16.3	0.0
7.5°	219.4	171.4	127.2	84.8	47.7	16.3	0.0
5°	220.1	171.9	128.0	85.4	48.0	16.3	0.0
2.5°	220.2	172.0	128.5	85.7	48.1	16.2	0.0
0°	219.8	171.6	128.7	85.8	48.2	16.1	0.0
-2.5°	220.2	172.0	128.5	85.7	48.1	16.2	0.0
-5°	220.1	171.9	128.0	85.4	48.0	16.3	0.0
-7.5°	219.4	171.4	127.2	84.8	47.7	16.3	0.0
-10°	218.2	170.4	126.1	84.1	47.3	16.3	0.0
-12.5°	216.4	169.0	124.6	83.1	46.7	16.3	0.0
-15°	214.0	167.1	122.8	81.9	46.1	16.2	0.0
-17.5°	211.1	164.6	120.7	80.6	45.4	16.1	0.0
-20°	207.5	161.7	118.3	79.0	44.5	16.0	0.0

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CATALOG NUMBER: GFLD-SA4E-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	203.1	158.2	115.5	77.2	43.6	15.8	0.0
-25°	198.3	154.2	112.5	75.2	42.6	15.6	0.0
-27.5°	192.9	149.8	109.1	73.0	41.5	15.4	0.0
-30°	187.1	144.9	105.5	70.6	40.3	15.1	0.0
-32.5°	180.7	139.6	101.8	68.1	39.0	14.8	0.0
-35°	173.9	134.0	97.8	65.3	37.7	14.4	0.0
-37.5°	166.6	128.2	93.6	62.4	36.2	14.1	0.0
-40°	158.9	122.5	89.1	59.3	34.8	13.6	0.0
-42.5°	150.8	116.5	84.6	56.1	33.2	13.2	0.0
-45°	142.3	110.2	80.2	52.8	31.6	12.7	0.0
-47.5°	133.3	103.7	75.6	49.4	29.9	12.2	0.0
-50°	124.9	96.8	70.8	46.6	28.1	11.7	0.0
-52.5°	116.4	89.7	65.9	43.9	26.3	11.1	0.0
-55°	107.5	83.1	60.7	41.1	24.5	10.5	0.0
-57.5°	98.4	76.4	55.4	38.2	22.6	9.8	0.0
-60°	89.1	69.6	50.0	35.1	20.7	9.2	0.0
-62.5°	80.7	62.6	45.7	32.0	19.2	8.5	0.0
-65°	72.1	55.4	41.2	28.8	17.7	7.8	0.0
-67.5°	63.3	48.7	36.6	25.4	16.1	7.1	0.0
-70°	54.3	42.7	32.0	22.1	14.4	6.4	0.0
-72.5°	46.4	36.4	27.2	19.3	12.7	5.6	0.0
-75°	38.5	30.1	22.3	16.6	11.0	4.8	0.0
-77.5°	30.5	23.7	18.4	13.9	9.2	4.0	0.0
-80°	22.4	18.4	14.8	11.1	7.4	3.2	0.0
-82.5°	16.6	13.9	11.1	8.4	5.6	2.4	0.0
-85°	11.1	9.3	7.4	5.6	3.7	1.6	0.0
-87.5°	5.5	4.6	3.7	2.8	1.9	0.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)