

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



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

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P627375 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA4C-727-U-MR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P627375 (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: 5/9/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA4C-727-U-MR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N87
Light Source: (64) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

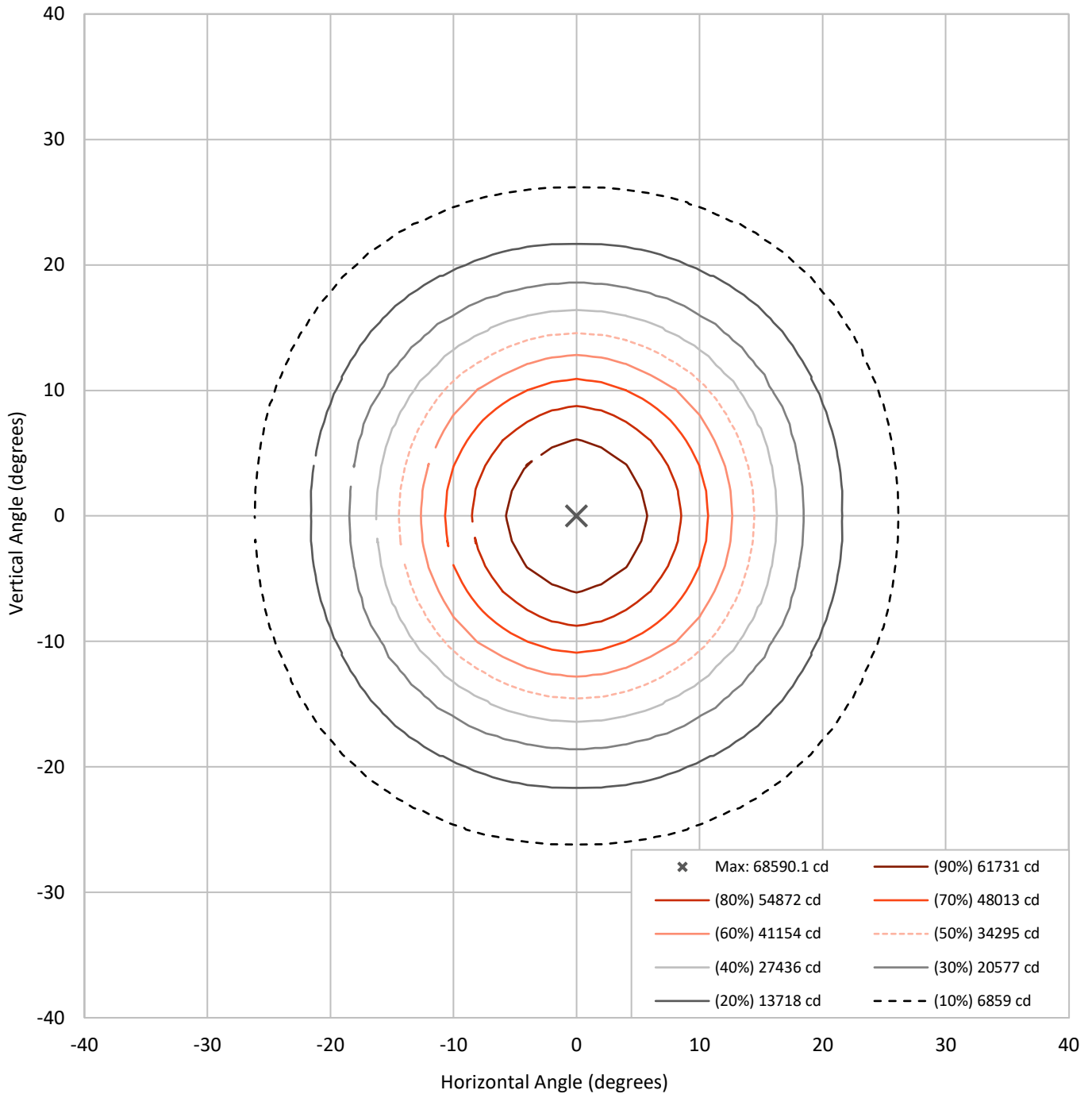
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	21429.9 lumens	Max Intensity:	68590.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	127.4 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:	10418.9 lumens	Field Lumens:	17582.9 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	168.2		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





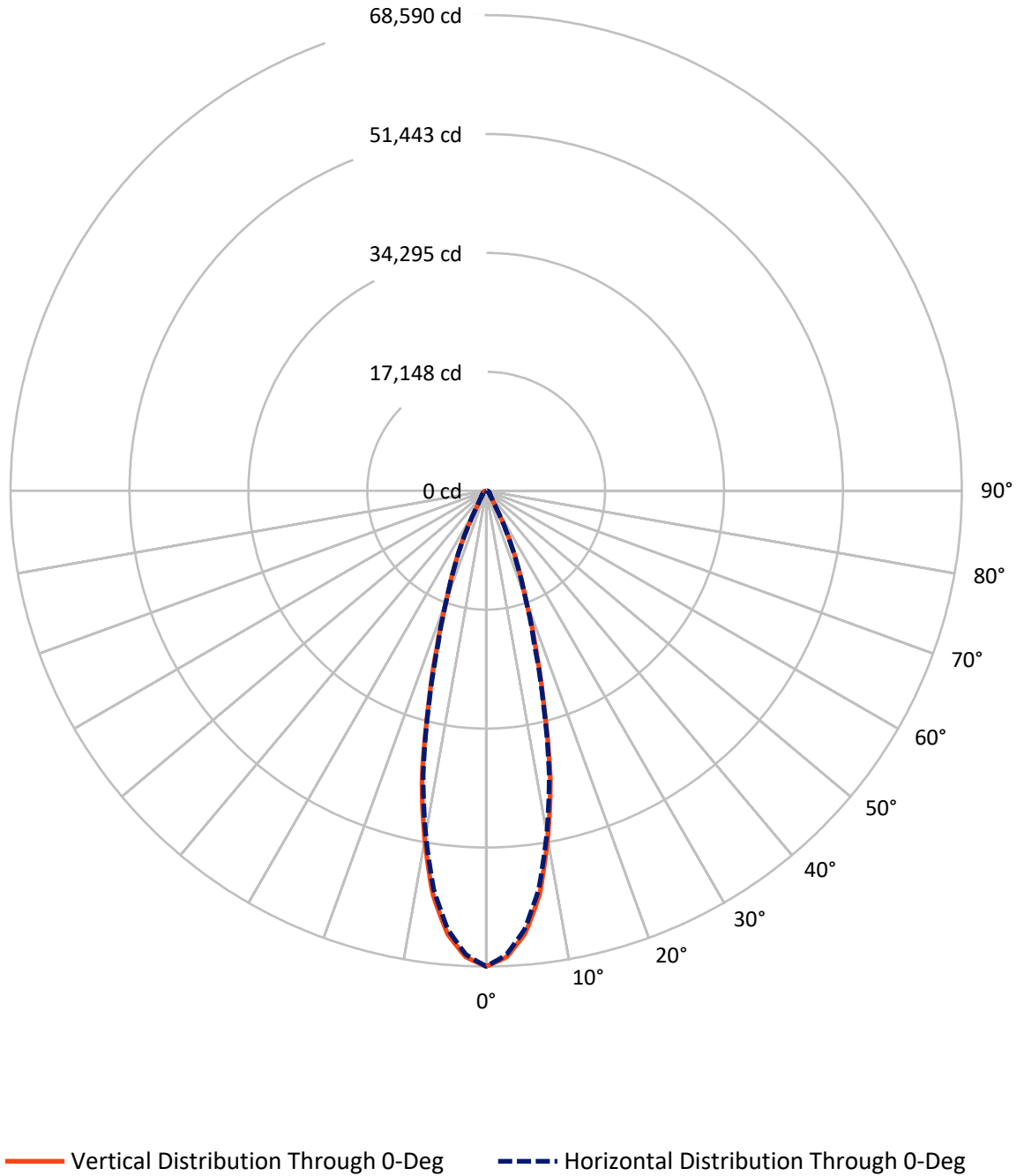
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Lumen Table

90	0.4	3.5		9.3		14.7		16.3		14.7		9.3		3.5		0.4			
80	0.4	3.5		9.3		14.7		16.3		14.7		9.3		3.5		0.4			
70	1.6	1.8	3.7	6.1	8.5	10.4	11.6	12.2	12.2	11.6	10.4	8.5	6.1	3.7	1.8	1.6			
60		2.7	5.5	8.9	12.0	14.7	16.5	17.1	17.1	16.5	14.7	12.0	8.9	5.5	2.7				
50	2.8	3.5	7.1	11.0	14.7	18.6	21.8	23.4	23.4	21.8	18.6	14.7	11.0	7.1	3.5	2.8			
40		4.1	8.3	12.7	18.0	25.7	37.1	48.3	48.3	37.1	25.7	18.0	12.7	8.3	4.1				
30	3.6	4.6	9.1	14.3	23.0	50.1	141.1	250.2	250.2	141.1	50.1	23.0	14.3	9.1	4.6	3.6			
20		5.0	9.6	15.6	31.4	131.5	468.8	898.3	898.3	468.8	131.5	31.4	15.6	9.6	5.0				
10	3.9	5.2	9.7	16.4	39.9	227.0	867.7	1706.7	1706.7	867.7	227.0	39.9	16.4	9.7	5.2	3.9			
0		5.2	9.7	16.4	39.9	227.0	867.7	1706.7	1706.7	867.7	227.0	39.9	16.4	9.7	5.2				
-10	3.6	5.0	9.6	15.6	31.4	131.5	468.8	898.3	898.3	468.8	131.5	31.4	15.6	9.6	5.0	3.6			
-20		4.6	9.1	14.3	23.0	50.1	141.1	250.2	250.2	141.1	50.1	23.0	14.3	9.1	4.6				
-30	2.8	4.1	8.3	12.7	18.0	25.7	37.1	48.3	48.3	37.1	25.7	18.0	12.7	8.3	4.1	2.8			
-40		3.5	7.1	11.0	14.7	18.6	21.8	23.4	23.4	21.8	18.6	14.7	11.0	7.1	3.5				
-50	1.6	2.7	5.5	8.9	12.0	14.7	16.5	17.1	17.1	16.5	14.7	12.0	8.9	5.5	2.7	1.6			
-60		1.8	3.7	6.1	8.5	10.4	11.6	12.2	12.2	11.6	10.4	8.5	6.1	3.7	1.8				
-70	0.4	3.5		9.3		14.7		16.3		14.7		9.3		3.5		0.4			
-80		3.5		9.3		14.7		16.3		14.7		9.3		3.5					
-90	0.4	3.5		9.3		14.7		16.3		14.7		9.3		3.5		0.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

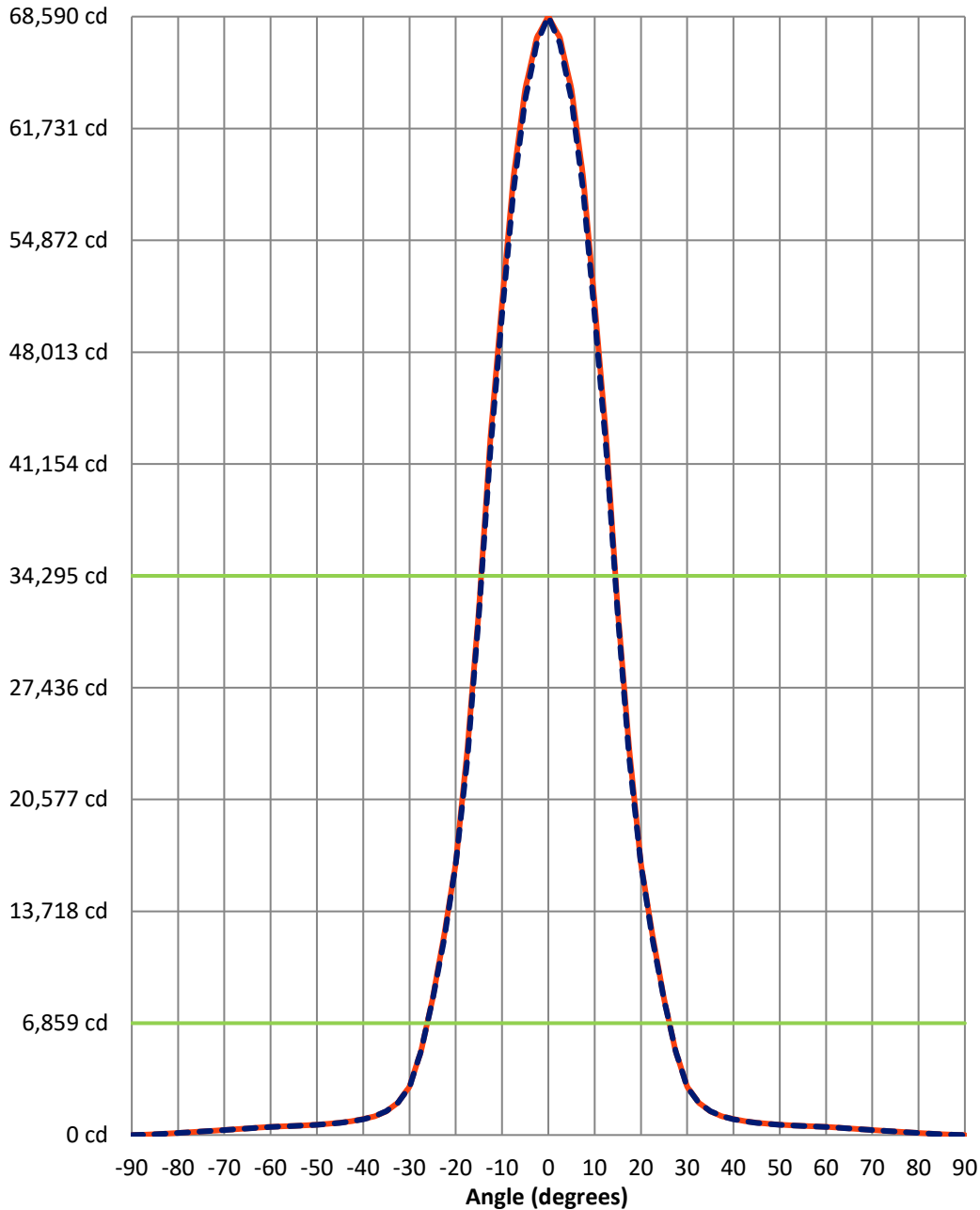
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 10418.9
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 17582.9
 Efficiency: 82.0%

Spill:
 Lumens: 3847
 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	0.8	1.5	2.3	3.1	3.8	4.6	5.3	6.0	6.7	7.4
85°	0.0	1.5	3.1	4.6	6.1	7.6	9.1	10.6	12.0	13.5	14.9
82.5°	0.0	2.3	4.6	6.9	9.1	11.4	13.6	15.8	18.4	22.5	26.9
80°	0.0	3.1	6.1	9.1	12.2	15.2	18.5	23.9	29.5	35.4	41.6
77.5°	0.0	3.8	7.6	11.4	15.2	19.9	26.4	33.2	40.5	48.1	56.5
75°	0.0	4.6	9.1	13.6	18.5	26.4	34.1	42.5	51.6	62.3	72.8
72.5°	0.0	5.3	10.6	15.8	23.7	32.8	41.8	52.1	64.6	76.8	88.9
70°	0.0	6.0	12.0	18.3	28.7	39.1	49.6	63.4	77.4	91.2	106.2
67.5°	0.0	6.7	13.5	22.1	33.7	45.3	59.3	74.5	90.0	106.9	123.6
65°	0.0	7.4	14.9	25.8	38.6	52.3	68.7	85.4	103.8	122.4	141.1
62.5°	0.0	8.1	16.2	29.4	43.5	60.1	78.0	96.8	117.3	137.7	159.1
60°	0.0	8.8	17.6	32.9	48.2	67.7	87.1	108.4	130.5	153.2	176.6
57.5°	0.0	9.5	19.9	36.3	54.0	75.0	96.6	119.7	143.6	168.2	193.9
55°	0.0	10.1	22.1	39.7	59.8	82.2	105.9	130.7	156.3	182.9	210.9
52.5°	0.0	10.7	24.3	42.9	65.4	89.3	114.8	141.3	168.5	197.7	227.4
50°	0.0	11.3	26.4	46.1	70.8	96.4	123.4	151.6	180.5	212.1	242.7
47.5°	0.0	11.9	28.4	49.3	76.0	103.2	131.7	161.6	192.8	225.9	257.2
45°	0.0	12.4	30.3	53.1	81.0	109.6	139.8	171.1	204.7	238.2	270.8
42.5°	0.0	13.0	32.2	56.7	85.8	115.8	147.6	180.6	215.9	249.7	283.4
40°	0.0	13.5	34.0	60.1	90.4	121.6	155.1	189.9	226.2	260.5	295.3
37.5°	0.0	14.0	35.6	63.2	94.8	127.0	162.1	198.5	235.4	270.9	306.5
35°	0.0	14.4	37.2	66.2	98.9	132.4	168.8	206.6	244.1	280.7	317.1
32.5°	0.0	14.8	38.7	68.9	102.8	137.6	175.1	214.1	252.2	289.8	327.3
30°	0.0	15.2	40.1	71.4	106.3	142.4	181.0	220.9	259.7	298.3	336.8
27.5°	0.0	15.6	41.4	73.7	109.5	146.9	186.5	226.9	266.6	306.2	345.6
25°	0.0	16.0	42.6	75.7	112.5	151.0	191.4	232.4	272.9	313.3	353.6
22.5°	0.0	16.3	43.7	77.6	115.2	154.6	195.8	237.3	278.6	319.7	361.7
20°	0.0	16.5	44.7	79.1	117.7	157.8	199.6	241.7	283.6	325.4	368.8
17.5°	0.0	16.8	45.5	80.5	120.0	160.6	203.1	245.5	288.0	330.4	375.0
15°	0.0	17.0	46.3	81.6	122.0	162.8	206.3	249.0	291.7	334.6	380.3
12.5°	0.0	17.2	46.9	82.5	123.7	164.7	209.1	252.3	295.1	338.0	384.6
10°	0.0	17.3	47.5	83.2	125.1	166.0	211.4	255.0	298.2	342.1	388.7
7.5°	0.0	17.4	47.9	83.6	126.2	167.0	213.3	257.1	300.7	345.8	393.1
5°	0.0	17.5	48.2	83.9	127.0	167.5	214.6	258.6	302.4	348.7	396.6
2.5°	0.0	17.6	48.3	83.9	127.5	167.6	215.4	259.5	303.5	350.9	399.1
0°	0.0	17.6	48.4	83.7	127.7	167.3	215.7	259.8	303.8	352.2	400.6
-2.5°	0.0	17.6	48.3	83.9	127.5	167.6	215.4	259.5	303.5	350.9	399.1
-5°	0.0	17.5	48.2	83.9	127.0	167.5	214.6	258.6	302.4	348.7	396.6
-7.5°	0.0	17.4	47.9	83.6	126.2	167.0	213.3	257.1	300.7	345.8	393.1
-10°	0.0	17.3	47.5	83.2	125.1	166.0	211.4	255.0	298.2	342.1	388.7
-12.5°	0.0	17.2	46.9	82.5	123.7	164.7	209.1	252.3	295.1	338.0	384.6
-15°	0.0	17.0	46.3	81.6	122.0	162.8	206.3	249.0	291.7	334.6	380.3
-17.5°	0.0	16.8	45.5	80.5	120.0	160.6	203.1	245.5	288.0	330.4	375.0
-20°	0.0	16.5	44.7	79.1	117.7	157.8	199.6	241.7	283.6	325.4	368.8

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	16.3	43.7	77.6	115.2	154.6	195.8	237.3	278.6	319.7	361.7
-25°	0.0	16.0	42.6	75.7	112.5	151.0	191.4	232.4	272.9	313.3	353.6
-27.5°	0.0	15.6	41.4	73.7	109.5	146.9	186.5	226.9	266.6	306.2	345.6
-30°	0.0	15.2	40.1	71.4	106.3	142.4	181.0	220.9	259.7	298.3	336.8
-32.5°	0.0	14.8	38.7	68.9	102.8	137.6	175.1	214.1	252.2	289.8	327.3
-35°	0.0	14.4	37.2	66.2	98.9	132.4	168.8	206.6	244.1	280.7	317.1
-37.5°	0.0	14.0	35.6	63.2	94.8	127.0	162.1	198.5	235.4	270.9	306.5
-40°	0.0	13.5	34.0	60.1	90.4	121.6	155.1	189.9	226.2	260.5	295.3
-42.5°	0.0	13.0	32.2	56.7	85.8	115.8	147.6	180.6	215.9	249.7	283.4
-45°	0.0	12.4	30.3	53.1	81.0	109.6	139.8	171.1	204.7	238.2	270.8
-47.5°	0.0	11.9	28.4	49.3	76.0	103.2	131.7	161.6	192.8	225.9	257.2
-50°	0.0	11.3	26.4	46.1	70.8	96.4	123.4	151.6	180.5	212.1	242.7
-52.5°	0.0	10.7	24.3	42.9	65.4	89.3	114.8	141.3	168.5	197.7	227.4
-55°	0.0	10.1	22.1	39.7	59.8	82.2	105.9	130.7	156.3	182.9	210.9
-57.5°	0.0	9.5	19.9	36.3	54.0	75.0	96.6	119.7	143.6	168.2	193.9
-60°	0.0	8.8	17.6	32.9	48.2	67.7	87.1	108.4	130.5	153.2	176.6
-62.5°	0.0	8.1	16.2	29.4	43.5	60.1	78.0	96.8	117.3	137.7	159.1
-65°	0.0	7.4	14.9	25.8	38.6	52.3	68.7	85.4	103.8	122.4	141.1
-67.5°	0.0	6.7	13.5	22.1	33.7	45.3	59.3	74.5	90.0	106.9	123.6
-70°	0.0	6.0	12.0	18.3	28.7	39.1	49.6	63.4	77.4	91.2	106.2
-72.5°	0.0	5.3	10.6	15.8	23.7	32.8	41.8	52.1	64.6	76.8	88.9
-75°	0.0	4.6	9.1	13.6	18.5	26.4	34.1	42.5	51.6	62.3	72.8
-77.5°	0.0	3.8	7.6	11.4	15.2	19.9	26.4	33.2	40.5	48.1	56.5
-80°	0.0	3.1	6.1	9.1	12.2	15.2	18.5	23.9	29.5	35.4	41.6
-82.5°	0.0	2.3	4.6	6.9	9.1	11.4	13.6	15.8	18.4	22.5	26.9
-85°	0.0	1.5	3.1	4.6	6.1	7.6	9.1	10.6	12.0	13.5	14.9
-87.5°	0.0	0.8	1.5	2.3	3.1	3.8	4.6	5.3	6.0	6.7	7.4
-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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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°	8.1	8.8	9.5	10.1	10.7	11.3	11.9	12.4	13.0	13.5	14.0
85°	16.2	17.6	20.2	22.7	25.2	27.6	29.9	32.1	34.3	36.3	38.2
82.5°	31.1	35.1	39.0	42.9	46.6	50.2	53.6	57.0	60.2	63.2	66.1
80°	47.2	52.5	58.0	63.0	67.9	72.7	77.3	81.8	86.1	90.6	95.5
77.5°	64.2	71.1	77.4	83.1	89.4	96.9	104.1	111.0	117.7	124.1	130.1
75°	81.8	89.7	98.3	106.8	115.6	124.6	133.4	141.8	150.0	158.4	166.8
72.5°	100.4	111.0	121.4	131.5	142.6	153.5	163.6	172.7	183.1	194.5	204.9
70°	120.0	132.3	145.3	158.3	170.9	183.1	195.5	208.0	220.6	232.9	244.6
67.5°	139.6	155.1	170.2	184.9	199.2	213.8	228.6	243.7	258.3	272.2	285.8
65°	160.6	177.9	194.8	211.2	227.2	245.0	262.5	279.4	297.9	315.0	329.8
62.5°	181.1	200.4	219.0	237.7	257.1	276.8	297.1	318.3	340.2	356.0	369.7
60°	200.7	222.5	243.3	264.7	286.4	308.6	331.9	354.5	374.5	391.8	406.2
57.5°	219.9	244.3	267.4	290.6	314.3	339.5	365.1	388.2	406.9	423.6	439.4
55°	238.4	265.6	290.1	314.8	341.6	371.3	397.5	418.4	437.6	451.3	466.4
52.5°	256.2	285.2	310.8	338.4	369.2	399.9	426.1	446.4	462.4	476.7	491.4
50°	273.1	302.2	330.7	362.1	394.6	425.5	452.0	470.6	486.7	501.5	515.6
47.5°	288.4	318.7	350.9	384.5	418.5	449.0	474.3	493.3	510.0	525.2	540.8
45°	302.9	335.4	369.6	406.4	441.3	471.5	494.5	514.9	530.9	548.1	567.6
42.5°	316.7	351.5	388.6	427.9	463.4	491.0	513.3	532.9	551.4	572.1	593.8
40°	330.2	366.5	406.7	447.9	484.1	508.0	530.4	551.1	572.5	596.0	619.6
37.5°	342.9	381.8	423.6	466.6	499.3	524.2	547.3	570.4	594.4	619.6	649.1
35°	354.5	396.0	439.7	481.3	512.7	539.8	564.7	589.7	616.6	647.4	679.8
32.5°	365.9	408.9	454.8	493.7	525.0	553.9	581.3	609.7	640.4	674.3	711.4
30°	377.0	421.4	467.9	506.4	535.9	565.5	597.7	629.2	663.4	701.0	744.6
27.5°	387.8	433.1	478.9	516.3	545.4	575.7	610.1	648.4	685.8	727.0	777.6
25°	397.7	445.1	489.8	524.2	553.7	585.4	621.3	662.1	706.0	755.1	817.0
22.5°	407.1	455.9	500.0	530.9	560.6	593.8	632.4	675.6	723.4	780.2	855.8
20°	415.9	464.3	506.9	537.1	566.3	600.6	642.1	687.5	742.1	811.0	901.4
17.5°	423.5	471.5	511.6	542.2	572.3	607.5	650.3	697.6	759.0	838.1	945.1
15°	430.1	477.3	515.7	546.1	577.3	614.7	658.7	710.3	777.5	864.7	982.9
12.5°	435.4	481.9	519.1	548.9	581.3	620.0	665.9	722.5	796.0	893.8	1033.9
10°	439.7	485.2	521.8	550.6	584.0	623.5	671.6	732.1	810.9	918.0	1077.5
7.5°	443.8	488.1	523.7	551.4	585.7	625.2	675.5	738.8	821.9	936.2	1112.3
5°	446.8	490.9	524.8	553.0	586.7	626.0	678.2	742.7	828.7	948.2	1136.8
2.5°	448.5	492.5	524.9	554.3	586.7	626.3	681.3	744.9	836.3	958.4	1150.8
0°	449.1	493.1	523.9	554.7	585.6	625.2	682.4	744.1	840.9	964.2	1153.5
-2.5°	448.5	492.5	524.9	554.3	586.7	626.3	681.3	744.9	836.3	958.4	1150.8
-5°	446.8	490.9	524.8	553.0	586.7	626.0	678.2	742.7	828.7	948.2	1136.8
-7.5°	443.8	488.1	523.7	551.4	585.7	625.2	675.5	738.8	821.9	936.2	1112.3
-10°	439.7	485.2	521.8	550.6	584.0	623.5	671.6	732.1	810.9	918.0	1077.5
-12.5°	435.4	481.9	519.1	548.9	581.3	620.0	665.9	722.5	796.0	893.8	1033.9
-15°	430.1	477.3	515.7	546.1	577.3	614.7	658.7	710.3	777.5	864.7	982.9
-17.5°	423.5	471.5	511.6	542.2	572.3	607.5	650.3	697.6	759.0	838.1	945.1
-20°	415.9	464.3	506.9	537.1	566.3	600.6	642.1	687.5	742.1	811.0	901.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627375 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4C-727-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°	407.1	455.9	500.0	530.9	560.6	593.8	632.4	675.6	723.4	780.2	855.8
-25°	397.7	445.1	489.8	524.2	553.7	585.4	621.3	662.1	706.0	755.1	817.0
-27.5°	387.8	433.1	478.9	516.3	545.4	575.7	610.1	648.4	685.8	727.0	777.6
-30°	377.0	421.4	467.9	506.4	535.9	565.5	597.7	629.2	663.4	701.0	744.6
-32.5°	365.9	408.9	454.8	493.7	525.0	553.9	581.3	609.7	640.4	674.3	711.4
-35°	354.5	396.0	439.7	481.3	512.7	539.8	564.7	589.7	616.6	647.4	679.8
-37.5°	342.9	381.8	423.6	466.6	499.3	524.2	547.3	570.4	594.4	619.6	649.1
-40°	330.2	366.5	406.7	447.9	484.1	508.0	530.4	551.1	572.5	596.0	619.6
-42.5°	316.7	351.5	388.6	427.9	463.4	491.0	513.3	532.9	551.4	572.1	593.8
-45°	302.9	335.4	369.6	406.4	441.3	471.5	494.5	514.9	530.9	548.1	567.6
-47.5°	288.4	318.7	350.9	384.5	418.5	449.0	474.3	493.3	510.0	525.2	540.8
-50°	273.1	302.2	330.7	362.1	394.6	425.5	452.0	470.6	486.7	501.5	515.6
-52.5°	256.2	285.2	310.8	338.4	369.2	399.9	426.1	446.4	462.4	476.7	491.4
-55°	238.4	265.6	290.1	314.8	341.6	371.3	397.5	418.4	437.6	451.3	466.4
-57.5°	219.9	244.3	267.4	290.6	314.3	339.5	365.1	388.2	406.9	423.6	439.4
-60°	200.7	222.5	243.3	264.7	286.4	308.6	331.9	354.5	374.5	391.8	406.2
-62.5°	181.1	200.4	219.0	237.7	257.1	276.8	297.1	318.3	340.2	356.0	369.7
-65°	160.6	177.9	194.8	211.2	227.2	245.0	262.5	279.4	297.9	315.0	329.8
-67.5°	139.6	155.1	170.2	184.9	199.2	213.8	228.6	243.7	258.3	272.2	285.8
-70°	120.0	132.3	145.3	158.3	170.9	183.1	195.5	208.0	220.6	232.9	244.6
-72.5°	100.4	111.0	121.4	131.5	142.6	153.5	163.6	172.7	183.1	194.5	204.9
-75°	81.8	89.7	98.3	106.8	115.6	124.6	133.4	141.8	150.0	158.4	166.8
-77.5°	64.2	71.1	77.4	83.1	89.4	96.9	104.1	111.0	117.7	124.1	130.1
-80°	47.2	52.5	58.0	63.0	67.9	72.7	77.3	81.8	86.1	90.6	95.5
-82.5°	31.1	35.1	39.0	42.9	46.6	50.2	53.6	57.0	60.2	63.2	66.1
-85°	16.2	17.6	20.2	22.7	25.2	27.6	29.9	32.1	34.3	36.3	38.2
-87.5°	8.1	8.8	9.5	10.1	10.7	11.3	11.9	12.4	13.0	13.5	14.0
-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: P627375 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-727-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°	14.4	14.8	15.2	15.6	16.0	16.3	16.5	16.8	17.0	17.2	17.3
85°	40.0	41.8	43.3	44.8	46.2	46.5	46.6	46.6	46.3	46.9	47.5
82.5°	68.9	72.0	75.1	78.2	81.2	82.4	83.1	83.7	84.1	85.3	86.3
80°	100.0	104.9	109.4	113.5	117.1	119.6	122.0	124.1	126.1	127.0	127.4
77.5°	136.2	142.1	147.7	152.8	157.5	161.3	164.3	166.7	168.6	169.8	170.6
75°	175.1	182.6	189.3	195.4	201.1	205.1	207.9	209.9	211.3	212.8	213.9
72.5°	214.4	222.9	230.8	238.3	244.9	249.5	252.7	255.3	257.3	258.8	259.5
70°	255.8	266.0	274.7	282.2	288.1	292.5	296.0	298.8	300.9	302.4	303.2
67.5°	298.6	309.5	317.7	324.2	329.5	334.2	338.5	341.7	343.8	345.9	348.2
65°	342.2	353.3	361.7	368.6	374.2	380.2	385.8	389.9	392.7	395.2	397.7
62.5°	383.2	395.8	405.5	414.6	423.8	432.4	437.5	441.4	444.1	446.6	449.4
60°	420.5	434.8	446.6	457.6	468.8	480.1	484.7	488.4	491.8	495.0	497.9
57.5°	453.6	468.7	483.2	494.0	504.8	515.3	522.5	526.5	529.2	530.7	531.9
55°	482.4	497.5	511.9	524.4	536.1	546.9	554.9	558.9	561.8	563.6	564.7
52.5°	508.2	524.3	539.8	553.6	566.2	577.9	588.0	593.4	597.7	600.8	601.8
50°	533.5	551.0	567.7	582.6	597.2	611.2	624.0	631.4	636.7	639.9	640.9
47.5°	560.0	579.0	597.1	614.3	630.9	647.4	662.6	672.8	680.3	685.8	689.8
45°	587.6	608.0	627.9	648.3	667.4	688.7	707.9	722.7	733.7	743.2	750.7
42.5°	615.3	638.2	661.1	687.3	713.4	737.6	760.6	780.2	798.1	815.6	829.3
40°	645.4	670.5	701.9	732.9	765.1	793.3	826.8	856.7	884.2	913.9	938.5
37.5°	678.4	710.6	747.8	785.0	826.8	867.3	914.1	960.1	1000.2	1052.2	1093.9
35°	714.2	755.2	799.0	848.9	902.8	966.5	1031.9	1108.6	1173.7	1256.4	1332.8
32.5°	754.2	802.4	859.2	927.8	1000.6	1102.8	1198.6	1328.7	1440.0	1583.5	1740.2
30°	794.9	857.1	934.4	1023.0	1146.1	1291.1	1460.2	1680.2	1918.1	2164.3	2495.6
27.5°	843.1	923.8	1020.4	1157.2	1341.4	1542.2	1886.6	2258.6	2776.8	3187.0	3917.6
25°	895.0	994.9	1137.6	1335.9	1590.4	1996.7	2578.1	3251.5	4288.3	5210.6	6270.5
22.5°	956.5	1092.2	1281.0	1540.8	1984.4	2683.4	3591.0	4973.7	6510.8	8027.8	9414.4
20°	1021.6	1185.5	1449.6	1872.7	2558.3	3569.0	5188.3	7164.1	9204.6	11283.6	13035.7
17.5°	1097.6	1320.2	1668.1	2230.1	3208.2	4938.6	7101.5	9613.7	12279.6	14932.5	17236.9
15°	1163.0	1438.0	1906.5	2748.1	4206.7	6371.2	9029.4	12202.3	15554.8	18997.7	22729.2
12.5°	1246.3	1580.0	2152.1	3176.5	5092.7	7906.0	11158.6	14842.4	18936.1	23507.5	29324.8
10°	1322.8	1728.9	2475.1	3862.7	6157.7	9339.6	12997.7	17177.1	22487.1	29356.7	36373.7
7.5°	1384.0	1846.9	2725.6	4398.2	7050.8	10564.4	14653.7	19664.6	26289.1	34469.3	42486.7
5°	1426.7	1928.7	2904.8	4802.9	7769.2	11500.4	15828.8	21498.3	29493.9	38654.2	46840.6
2.5°	1453.4	1973.5	2992.5	5043.1	8237.8	12063.6	16562.0	22663.6	31458.1	41318.2	49606.6
0°	1466.1	1981.2	2936.6	5160.0	8303.5	12023.8	16629.1	23052.7	31924.2	42041.6	50296.7
-2.5°	1453.4	1973.5	2992.5	5043.1	8237.8	12063.6	16562.0	22663.6	31458.1	41318.2	49606.6
-5°	1426.7	1928.7	2904.8	4802.9	7769.2	11500.4	15828.8	21498.3	29493.9	38654.2	46840.6
-7.5°	1384.0	1846.9	2725.6	4398.2	7050.8	10564.4	14653.7	19664.6	26289.1	34469.3	42486.7
-10°	1322.8	1728.9	2475.1	3862.7	6157.7	9339.6	12997.7	17177.1	22487.1	29356.7	36373.7
-12.5°	1246.3	1580.0	2152.1	3176.5	5092.7	7906.0	11158.6	14842.4	18936.1	23507.5	29324.8
-15°	1163.0	1438.0	1906.5	2748.1	4206.7	6371.2	9029.4	12202.3	15554.8	18997.7	22729.2
-17.5°	1097.6	1320.2	1668.1	2230.1	3208.2	4938.6	7101.5	9613.7	12279.6	14932.5	17236.9
-20°	1021.6	1185.5	1449.6	1872.7	2558.3	3569.0	5188.3	7164.1	9204.6	11283.6	13035.7

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Scaled Data Report



REPORT NUMBER: P627375 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4C-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	956.5	1092.2	1281.0	1540.8	1984.4	2683.4	3591.0	4973.7	6510.8	8027.8	9414.4
-25°	895.0	994.9	1137.6	1335.9	1590.4	1996.7	2578.1	3251.5	4288.3	5210.6	6270.5
-27.5°	843.1	923.8	1020.4	1157.2	1341.4	1542.2	1886.6	2258.6	2776.8	3187.0	3917.6
-30°	794.9	857.1	934.4	1023.0	1146.1	1291.1	1460.2	1680.2	1918.1	2164.3	2495.6
-32.5°	754.2	802.4	859.2	927.8	1000.6	1102.8	1198.6	1328.7	1440.0	1583.5	1740.2
-35°	714.2	755.2	799.0	848.9	902.8	966.5	1031.9	1108.6	1173.7	1256.4	1332.8
-37.5°	678.4	710.6	747.8	785.0	826.8	867.3	914.1	960.1	1000.2	1052.2	1093.9
-40°	645.4	670.5	701.9	732.9	765.1	793.3	826.8	856.7	884.2	913.9	938.5
-42.5°	615.3	638.2	661.1	687.3	713.4	737.6	760.6	780.2	798.1	815.6	829.3
-45°	587.6	608.0	627.9	648.3	667.4	688.7	707.9	722.7	733.7	743.2	750.7
-47.5°	560.0	579.0	597.1	614.3	630.9	647.4	662.6	672.8	680.3	685.8	689.8
-50°	533.5	551.0	567.7	582.6	597.2	611.2	624.0	631.4	636.7	639.9	640.9
-52.5°	508.2	524.3	539.8	553.6	566.2	577.9	588.0	593.4	597.7	600.8	601.8
-55°	482.4	497.5	511.9	524.4	536.1	546.9	554.9	558.9	561.8	563.6	564.7
-57.5°	453.6	468.7	483.2	494.0	504.8	515.3	522.5	526.5	529.2	530.7	531.9
-60°	420.5	434.8	446.6	457.6	468.8	480.1	484.7	488.4	491.8	495.0	497.9
-62.5°	383.2	395.8	405.5	414.6	423.8	432.4	437.5	441.4	444.1	446.6	449.4
-65°	342.2	353.3	361.7	368.6	374.2	380.2	385.8	389.9	392.7	395.2	397.7
-67.5°	298.6	309.5	317.7	324.2	329.5	334.2	338.5	341.7	343.8	345.9	348.2
-70°	255.8	266.0	274.7	282.2	288.1	292.5	296.0	298.8	300.9	302.4	303.2
-72.5°	214.4	222.9	230.8	238.3	244.9	249.5	252.7	255.3	257.3	258.8	259.5
-75°	175.1	182.6	189.3	195.4	201.1	205.1	207.9	209.9	211.3	212.8	213.9
-77.5°	136.2	142.1	147.7	152.8	157.5	161.3	164.3	166.7	168.6	169.8	170.6
-80°	100.0	104.9	109.4	113.5	117.1	119.6	122.0	124.1	126.1	127.0	127.4
-82.5°	68.9	72.0	75.1	78.2	81.2	82.4	83.1	83.7	84.1	85.3	86.3
-85°	40.0	41.8	43.3	44.8	46.2	46.5	46.6	46.6	46.3	46.9	47.5
-87.5°	14.4	14.8	15.2	15.6	16.0	16.3	16.5	16.8	17.0	17.2	17.3
-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: P627375 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-727-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°	17.4	17.5	17.6	17.6	17.6	17.5	17.4	17.3	17.2	17.0	16.8
85°	47.9	48.2	48.3	48.4	48.3	48.2	47.9	47.5	46.9	46.3	46.6
82.5°	87.1	87.6	88.0	88.1	88.0	87.6	87.1	86.3	85.3	84.1	83.7
80°	127.4	127.1	127.5	127.7	127.5	127.1	127.4	127.4	127.0	126.1	124.1
77.5°	171.0	170.9	171.5	171.7	171.5	170.9	171.0	170.6	169.8	168.6	166.7
75°	214.6	214.7	215.4	215.7	215.4	214.7	214.6	213.9	212.8	211.3	209.9
72.5°	259.5	258.8	259.5	259.8	259.5	258.8	259.5	259.5	258.8	257.3	255.3
70°	303.3	302.7	305.5	308.2	305.5	302.7	303.3	303.2	302.4	300.9	298.8
67.5°	349.8	350.6	353.8	356.6	353.8	350.6	349.8	348.2	345.9	343.8	341.7
65°	399.0	399.1	402.1	405.1	402.1	399.1	399.0	397.7	395.2	392.7	389.9
62.5°	451.1	451.7	454.8	457.9	454.8	451.7	451.1	449.4	446.6	444.1	441.4
60°	499.6	500.1	501.3	501.9	501.3	500.1	499.6	497.9	495.0	491.8	488.4
57.5°	532.3	531.8	532.3	532.7	532.3	531.8	532.3	531.9	530.7	529.2	526.5
55°	564.5	563.0	561.3	559.1	561.3	563.0	564.5	564.7	563.6	561.8	558.9
52.5°	601.0	598.7	596.6	594.4	596.6	598.7	601.0	601.8	600.8	597.7	593.4
50°	640.3	638.2	636.1	634.0	636.1	638.2	640.3	640.9	639.9	636.7	631.4
47.5°	692.5	693.4	693.0	691.2	693.0	693.4	692.5	689.8	685.8	680.3	672.8
45°	756.1	758.7	759.0	757.3	759.0	758.7	756.1	750.7	743.2	733.7	722.7
42.5°	838.9	844.5	847.6	849.7	847.6	844.5	838.9	829.3	815.6	798.1	780.2
40°	956.4	967.8	975.0	981.8	975.0	967.8	956.4	938.5	913.9	884.2	856.7
37.5°	1124.9	1145.5	1154.8	1149.1	1154.8	1145.5	1124.9	1093.9	1052.2	1000.2	960.1
35°	1391.6	1430.8	1451.2	1452.9	1451.2	1430.8	1391.6	1332.8	1256.4	1173.7	1108.6
32.5°	1856.1	1936.4	1979.5	1985.6	1979.5	1936.4	1856.1	1740.2	1583.5	1440.0	1328.7
30°	2749.3	2913.1	2990.1	2971.8	2990.1	2913.1	2749.3	2495.6	2164.3	1918.1	1680.2
27.5°	4485.5	4894.1	5136.3	5155.6	5136.3	4894.1	4485.5	3917.6	3187.0	2776.8	2258.6
25°	7209.3	7906.9	8353.6	8360.8	8353.6	7906.9	7209.3	6270.5	5210.6	4288.3	3251.5
22.5°	10696.5	11648.7	12170.4	12261.6	12170.4	11648.7	10696.5	9414.4	8027.8	6510.8	4973.7
20°	14736.6	16003.4	16681.2	16681.9	16681.2	16003.4	14736.6	13035.7	11283.6	9204.6	7164.1
17.5°	19712.1	21769.1	23060.4	23616.2	23060.4	21769.1	19712.1	17236.9	14932.5	12279.6	9613.7
15°	26322.2	29778.9	31850.3	32223.5	31850.3	29778.9	26322.2	22729.2	18997.7	15554.8	12202.3
12.5°	34370.8	38745.4	41685.9	42763.7	41685.9	38745.4	34370.8	29324.8	23507.5	18936.1	14842.4
10°	42774.3	46827.5	49977.8	51036.4	49977.8	46827.5	42774.3	36373.7	29356.7	22487.1	17177.1
7.5°	48845.0	53678.4	57226.9	58785.2	57226.9	53678.4	48845.0	42486.7	34469.3	26289.1	19664.6
5°	53637.4	59356.4	62659.6	64125.7	62659.6	59356.4	53637.4	46840.6	38654.2	29493.9	21498.3
2.5°	56781.7	62432.6	65930.6	67282.5	65930.6	62432.6	56781.7	49606.6	41318.2	31458.1	22663.6
0°	57957.5	63482.9	66939.0	68590.1	66939.0	63482.9	57957.5	50296.7	42041.6	31924.2	23052.7
-2.5°	56781.7	62432.6	65930.6	67282.5	65930.6	62432.6	56781.7	49606.6	41318.2	31458.1	22663.6
-5°	53637.4	59356.4	62659.6	64125.7	62659.6	59356.4	53637.4	46840.6	38654.2	29493.9	21498.3
-7.5°	48845.0	53678.4	57226.9	58785.2	57226.9	53678.4	48845.0	42486.7	34469.3	26289.1	19664.6
-10°	42774.3	46827.5	49977.8	51036.4	49977.8	46827.5	42774.3	36373.7	29356.7	22487.1	17177.1
-12.5°	34370.8	38745.4	41685.9	42763.7	41685.9	38745.4	34370.8	29324.8	23507.5	18936.1	14842.4
-15°	26322.2	29778.9	31850.3	32223.5	31850.3	29778.9	26322.2	22729.2	18997.7	15554.8	12202.3
-17.5°	19712.1	21769.1	23060.4	23616.2	23060.4	21769.1	19712.1	17236.9	14932.5	12279.6	9613.7
-20°	14736.6	16003.4	16681.2	16681.9	16681.2	16003.4	14736.6	13035.7	11283.6	9204.6	7164.1

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REPORT NUMBER: P627375 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4C-727-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°	10696.5	11648.7	12170.4	12261.6	12170.4	11648.7	10696.5	9414.4	8027.8	6510.8	4973.7
-25°	7209.3	7906.9	8353.6	8360.8	8353.6	7906.9	7209.3	6270.5	5210.6	4288.3	3251.5
-27.5°	4485.5	4894.1	5136.3	5155.6	5136.3	4894.1	4485.5	3917.6	3187.0	2776.8	2258.6
-30°	2749.3	2913.1	2990.1	2971.8	2990.1	2913.1	2749.3	2495.6	2164.3	1918.1	1680.2
-32.5°	1856.1	1936.4	1979.5	1985.6	1979.5	1936.4	1856.1	1740.2	1583.5	1440.0	1328.7
-35°	1391.6	1430.8	1451.2	1452.9	1451.2	1430.8	1391.6	1332.8	1256.4	1173.7	1108.6
-37.5°	1124.9	1145.5	1154.8	1149.1	1154.8	1145.5	1124.9	1093.9	1052.2	1000.2	960.1
-40°	956.4	967.8	975.0	981.8	975.0	967.8	956.4	938.5	913.9	884.2	856.7
-42.5°	838.9	844.5	847.6	849.7	847.6	844.5	838.9	829.3	815.6	798.1	780.2
-45°	756.1	758.7	759.0	757.3	759.0	758.7	756.1	750.7	743.2	733.7	722.7
-47.5°	692.5	693.4	693.0	691.2	693.0	693.4	692.5	689.8	685.8	680.3	672.8
-50°	640.3	638.2	636.1	634.0	636.1	638.2	640.3	640.9	639.9	636.7	631.4
-52.5°	601.0	598.7	596.6	594.4	596.6	598.7	601.0	601.8	600.8	597.7	593.4
-55°	564.5	563.0	561.3	559.1	561.3	563.0	564.5	564.7	563.6	561.8	558.9
-57.5°	532.3	531.8	532.3	532.7	532.3	531.8	532.3	531.9	530.7	529.2	526.5
-60°	499.6	500.1	501.3	501.9	501.3	500.1	499.6	497.9	495.0	491.8	488.4
-62.5°	451.1	451.7	454.8	457.9	454.8	451.7	451.1	449.4	446.6	444.1	441.4
-65°	399.0	399.1	402.1	405.1	402.1	399.1	399.0	397.7	395.2	392.7	389.9
-67.5°	349.8	350.6	353.8	356.6	353.8	350.6	349.8	348.2	345.9	343.8	341.7
-70°	303.3	302.7	305.5	308.2	305.5	302.7	303.3	303.2	302.4	300.9	298.8
-72.5°	259.5	258.8	259.5	259.8	259.5	258.8	259.5	259.5	258.8	257.3	255.3
-75°	214.6	214.7	215.4	215.7	215.4	214.7	214.6	213.9	212.8	211.3	209.9
-77.5°	171.0	170.9	171.5	171.7	171.5	170.9	171.0	170.6	169.8	168.6	166.7
-80°	127.4	127.1	127.5	127.7	127.5	127.1	127.4	127.4	127.0	126.1	124.1
-82.5°	87.1	87.6	88.0	88.1	88.0	87.6	87.1	86.3	85.3	84.1	83.7
-85°	47.9	48.2	48.3	48.4	48.3	48.2	47.9	47.5	46.9	46.3	46.6
-87.5°	17.4	17.5	17.6	17.6	17.6	17.5	17.4	17.3	17.2	17.0	16.8
-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: P627375 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	16.5	16.3	16.0	15.6	15.2	14.8	14.4	14.0	13.5	13.0	12.4
85°	46.6	46.5	46.2	44.8	43.3	41.8	40.0	38.2	36.3	34.3	32.1
82.5°	83.1	82.4	81.2	78.2	75.1	72.0	68.9	66.1	63.2	60.2	57.0
80°	122.0	119.6	117.1	113.5	109.4	104.9	100.0	95.5	90.6	86.1	81.8
77.5°	164.3	161.3	157.5	152.8	147.7	142.1	136.2	130.1	124.1	117.7	111.0
75°	207.9	205.1	201.1	195.4	189.3	182.6	175.1	166.8	158.4	150.0	141.8
72.5°	252.7	249.5	244.9	238.3	230.8	222.9	214.4	204.9	194.5	183.1	172.7
70°	296.0	292.5	288.1	282.2	274.7	266.0	255.8	244.6	232.9	220.6	208.0
67.5°	338.5	334.2	329.5	324.2	317.7	309.5	298.6	285.8	272.2	258.3	243.7
65°	385.8	380.2	374.2	368.6	361.7	353.3	342.2	329.8	315.0	297.9	279.4
62.5°	437.5	432.4	423.8	414.6	405.5	395.8	383.2	369.7	356.0	340.2	318.3
60°	484.7	480.1	468.8	457.6	446.6	434.8	420.5	406.2	391.8	374.5	354.5
57.5°	522.5	515.3	504.8	494.0	483.2	468.7	453.6	439.4	423.6	406.9	388.2
55°	554.9	546.9	536.1	524.4	511.9	497.5	482.4	466.4	451.3	437.6	418.4
52.5°	588.0	577.9	566.2	553.6	539.8	524.3	508.2	491.4	476.7	462.4	446.4
50°	624.0	611.2	597.2	582.6	567.7	551.0	533.5	515.6	501.5	486.7	470.6
47.5°	662.6	647.4	630.9	614.3	597.1	579.0	560.0	540.8	525.2	510.0	493.3
45°	707.9	688.7	667.4	648.3	627.9	608.0	587.6	567.6	548.1	530.9	514.9
42.5°	760.6	737.6	713.4	687.3	661.1	638.2	615.3	593.8	572.1	551.4	532.9
40°	826.8	793.3	765.1	732.9	701.9	670.5	645.4	619.6	596.0	572.5	551.1
37.5°	914.1	867.3	826.8	785.0	747.8	710.6	678.4	649.1	619.6	594.4	570.4
35°	1031.9	966.5	902.8	848.9	799.0	755.2	714.2	679.8	647.4	616.6	589.7
32.5°	1198.6	1102.8	1000.6	927.8	859.2	802.4	754.2	711.4	674.3	640.4	609.7
30°	1460.2	1291.1	1146.1	1023.0	934.4	857.1	794.9	744.6	701.0	663.4	629.2
27.5°	1886.6	1542.2	1341.4	1157.2	1020.4	923.8	843.1	777.6	727.0	685.8	648.4
25°	2578.1	1996.7	1590.4	1335.9	1137.6	994.9	895.0	817.0	755.1	706.0	662.1
22.5°	3591.0	2683.4	1984.4	1540.8	1281.0	1092.2	956.5	855.8	780.2	723.4	675.6
20°	5188.3	3569.0	2558.3	1872.7	1449.6	1185.5	1021.6	901.4	811.0	742.1	687.5
17.5°	7101.5	4938.6	3208.2	2230.1	1668.1	1320.2	1097.6	945.1	838.1	759.0	697.6
15°	9029.4	6371.2	4206.7	2748.1	1906.5	1438.0	1163.0	982.9	864.7	777.5	710.3
12.5°	11158.6	7906.0	5092.7	3176.5	2152.1	1580.0	1246.3	1033.9	893.8	796.0	722.5
10°	12997.7	9339.6	6157.7	3862.7	2475.1	1728.9	1322.8	1077.5	918.0	810.9	732.1
7.5°	14653.7	10564.4	7050.8	4398.2	2725.6	1846.9	1384.0	1112.3	936.2	821.9	738.8
5°	15828.8	11500.4	7769.2	4802.9	2904.8	1928.7	1426.7	1136.8	948.2	828.7	742.7
2.5°	16562.0	12063.6	8237.8	5043.1	2992.5	1973.5	1453.4	1150.8	958.4	836.3	744.9
0°	16629.1	12023.8	8303.5	5160.0	2936.6	1981.2	1466.1	1153.5	964.2	840.9	744.1
-2.5°	16562.0	12063.6	8237.8	5043.1	2992.5	1973.5	1453.4	1150.8	958.4	836.3	744.9
-5°	15828.8	11500.4	7769.2	4802.9	2904.8	1928.7	1426.7	1136.8	948.2	828.7	742.7
-7.5°	14653.7	10564.4	7050.8	4398.2	2725.6	1846.9	1384.0	1112.3	936.2	821.9	738.8
-10°	12997.7	9339.6	6157.7	3862.7	2475.1	1728.9	1322.8	1077.5	918.0	810.9	732.1
-12.5°	11158.6	7906.0	5092.7	3176.5	2152.1	1580.0	1246.3	1033.9	893.8	796.0	722.5
-15°	9029.4	6371.2	4206.7	2748.1	1906.5	1438.0	1163.0	982.9	864.7	777.5	710.3
-17.5°	7101.5	4938.6	3208.2	2230.1	1668.1	1320.2	1097.6	945.1	838.1	759.0	697.6
-20°	5188.3	3569.0	2558.3	1872.7	1449.6	1185.5	1021.6	901.4	811.0	742.1	687.5

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REPORT NUMBER: P627375 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4C-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3591.0	2683.4	1984.4	1540.8	1281.0	1092.2	956.5	855.8	780.2	723.4	675.6
-25°	2578.1	1996.7	1590.4	1335.9	1137.6	994.9	895.0	817.0	755.1	706.0	662.1
-27.5°	1886.6	1542.2	1341.4	1157.2	1020.4	923.8	843.1	777.6	727.0	685.8	648.4
-30°	1460.2	1291.1	1146.1	1023.0	934.4	857.1	794.9	744.6	701.0	663.4	629.2
-32.5°	1198.6	1102.8	1000.6	927.8	859.2	802.4	754.2	711.4	674.3	640.4	609.7
-35°	1031.9	966.5	902.8	848.9	799.0	755.2	714.2	679.8	647.4	616.6	589.7
-37.5°	914.1	867.3	826.8	785.0	747.8	710.6	678.4	649.1	619.6	594.4	570.4
-40°	826.8	793.3	765.1	732.9	701.9	670.5	645.4	619.6	596.0	572.5	551.1
-42.5°	760.6	737.6	713.4	687.3	661.1	638.2	615.3	593.8	572.1	551.4	532.9
-45°	707.9	688.7	667.4	648.3	627.9	608.0	587.6	567.6	548.1	530.9	514.9
-47.5°	662.6	647.4	630.9	614.3	597.1	579.0	560.0	540.8	525.2	510.0	493.3
-50°	624.0	611.2	597.2	582.6	567.7	551.0	533.5	515.6	501.5	486.7	470.6
-52.5°	588.0	577.9	566.2	553.6	539.8	524.3	508.2	491.4	476.7	462.4	446.4
-55°	554.9	546.9	536.1	524.4	511.9	497.5	482.4	466.4	451.3	437.6	418.4
-57.5°	522.5	515.3	504.8	494.0	483.2	468.7	453.6	439.4	423.6	406.9	388.2
-60°	484.7	480.1	468.8	457.6	446.6	434.8	420.5	406.2	391.8	374.5	354.5
-62.5°	437.5	432.4	423.8	414.6	405.5	395.8	383.2	369.7	356.0	340.2	318.3
-65°	385.8	380.2	374.2	368.6	361.7	353.3	342.2	329.8	315.0	297.9	279.4
-67.5°	338.5	334.2	329.5	324.2	317.7	309.5	298.6	285.8	272.2	258.3	243.7
-70°	296.0	292.5	288.1	282.2	274.7	266.0	255.8	244.6	232.9	220.6	208.0
-72.5°	252.7	249.5	244.9	238.3	230.8	222.9	214.4	204.9	194.5	183.1	172.7
-75°	207.9	205.1	201.1	195.4	189.3	182.6	175.1	166.8	158.4	150.0	141.8
-77.5°	164.3	161.3	157.5	152.8	147.7	142.1	136.2	130.1	124.1	117.7	111.0
-80°	122.0	119.6	117.1	113.5	109.4	104.9	100.0	95.5	90.6	86.1	81.8
-82.5°	83.1	82.4	81.2	78.2	75.1	72.0	68.9	66.1	63.2	60.2	57.0
-85°	46.6	46.5	46.2	44.8	43.3	41.8	40.0	38.2	36.3	34.3	32.1
-87.5°	16.5	16.3	16.0	15.6	15.2	14.8	14.4	14.0	13.5	13.0	12.4
-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: P627375 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	11.9	11.3	10.7	10.1	9.5	8.8	8.1	7.4	6.7	6.0	5.3
85°	29.9	27.6	25.2	22.7	20.2	17.6	16.2	14.9	13.5	12.0	10.6
82.5°	53.6	50.2	46.6	42.9	39.0	35.1	31.1	26.9	22.5	18.4	15.8
80°	77.3	72.7	67.9	63.0	58.0	52.5	47.2	41.6	35.4	29.5	23.9
77.5°	104.1	96.9	89.4	83.1	77.4	71.1	64.2	56.5	48.1	40.5	33.2
75°	133.4	124.6	115.6	106.8	98.3	89.7	81.8	72.8	62.3	51.6	42.5
72.5°	163.6	153.5	142.6	131.5	121.4	111.0	100.4	88.9	76.8	64.6	52.1
70°	195.5	183.1	170.9	158.3	145.3	132.3	120.0	106.2	91.2	77.4	63.4
67.5°	228.6	213.8	199.2	184.9	170.2	155.1	139.6	123.6	106.9	90.0	74.5
65°	262.5	245.0	227.2	211.2	194.8	177.9	160.6	141.1	122.4	103.8	85.4
62.5°	297.1	276.8	257.1	237.7	219.0	200.4	181.1	159.1	137.7	117.3	96.8
60°	331.9	308.6	286.4	264.7	243.3	222.5	200.7	176.6	153.2	130.5	108.4
57.5°	365.1	339.5	314.3	290.6	267.4	244.3	219.9	193.9	168.2	143.6	119.7
55°	397.5	371.3	341.6	314.8	290.1	265.6	238.4	210.9	182.9	156.3	130.7
52.5°	426.1	399.9	369.2	338.4	310.8	285.2	256.2	227.4	197.7	168.5	141.3
50°	452.0	425.5	394.6	362.1	330.7	302.2	273.1	242.7	212.1	180.5	151.6
47.5°	474.3	449.0	418.5	384.5	350.9	318.7	288.4	257.2	225.9	192.8	161.6
45°	494.5	471.5	441.3	406.4	369.6	335.4	302.9	270.8	238.2	204.7	171.1
42.5°	513.3	491.0	463.4	427.9	388.6	351.5	316.7	283.4	249.7	215.9	180.6
40°	530.4	508.0	484.1	447.9	406.7	366.5	330.2	295.3	260.5	226.2	189.9
37.5°	547.3	524.2	499.3	466.6	423.6	381.8	342.9	306.5	270.9	235.4	198.5
35°	564.7	539.8	512.7	481.3	439.7	396.0	354.5	317.1	280.7	244.1	206.6
32.5°	581.3	553.9	525.0	493.7	454.8	408.9	365.9	327.3	289.8	252.2	214.1
30°	597.7	565.5	535.9	506.4	467.9	421.4	377.0	336.8	298.3	259.7	220.9
27.5°	610.1	575.7	545.4	516.3	478.9	433.1	387.8	345.6	306.2	266.6	226.9
25°	621.3	585.4	553.7	524.2	489.8	445.1	397.7	353.6	313.3	272.9	232.4
22.5°	632.4	593.8	560.6	530.9	500.0	455.9	407.1	361.7	319.7	278.6	237.3
20°	642.1	600.6	566.3	537.1	506.9	464.3	415.9	368.8	325.4	283.6	241.7
17.5°	650.3	607.5	572.3	542.2	511.6	471.5	423.5	375.0	330.4	288.0	245.5
15°	658.7	614.7	577.3	546.1	515.7	477.3	430.1	380.3	334.6	291.7	249.0
12.5°	665.9	620.0	581.3	548.9	519.1	481.9	435.4	384.6	338.0	295.1	252.3
10°	671.6	623.5	584.0	550.6	521.8	485.2	439.7	388.7	342.1	298.2	255.0
7.5°	675.5	625.2	585.7	551.4	523.7	488.1	443.8	393.1	345.8	300.7	257.1
5°	678.2	626.0	586.7	553.0	524.8	490.9	446.8	396.6	348.7	302.4	258.6
2.5°	681.3	626.3	586.7	554.3	524.9	492.5	448.5	399.1	350.9	303.5	259.5
0°	682.4	625.2	585.6	554.7	523.9	493.1	449.1	400.6	352.2	303.8	259.8
-2.5°	681.3	626.3	586.7	554.3	524.9	492.5	448.5	399.1	350.9	303.5	259.5
-5°	678.2	626.0	586.7	553.0	524.8	490.9	446.8	396.6	348.7	302.4	258.6
-7.5°	675.5	625.2	585.7	551.4	523.7	488.1	443.8	393.1	345.8	300.7	257.1
-10°	671.6	623.5	584.0	550.6	521.8	485.2	439.7	388.7	342.1	298.2	255.0
-12.5°	665.9	620.0	581.3	548.9	519.1	481.9	435.4	384.6	338.0	295.1	252.3
-15°	658.7	614.7	577.3	546.1	515.7	477.3	430.1	380.3	334.6	291.7	249.0
-17.5°	650.3	607.5	572.3	542.2	511.6	471.5	423.5	375.0	330.4	288.0	245.5
-20°	642.1	600.6	566.3	537.1	506.9	464.3	415.9	368.8	325.4	283.6	241.7

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627375 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4C-727-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°	632.4	593.8	560.6	530.9	500.0	455.9	407.1	361.7	319.7	278.6	237.3
-25°	621.3	585.4	553.7	524.2	489.8	445.1	397.7	353.6	313.3	272.9	232.4
-27.5°	610.1	575.7	545.4	516.3	478.9	433.1	387.8	345.6	306.2	266.6	226.9
-30°	597.7	565.5	535.9	506.4	467.9	421.4	377.0	336.8	298.3	259.7	220.9
-32.5°	581.3	553.9	525.0	493.7	454.8	408.9	365.9	327.3	289.8	252.2	214.1
-35°	564.7	539.8	512.7	481.3	439.7	396.0	354.5	317.1	280.7	244.1	206.6
-37.5°	547.3	524.2	499.3	466.6	423.6	381.8	342.9	306.5	270.9	235.4	198.5
-40°	530.4	508.0	484.1	447.9	406.7	366.5	330.2	295.3	260.5	226.2	189.9
-42.5°	513.3	491.0	463.4	427.9	388.6	351.5	316.7	283.4	249.7	215.9	180.6
-45°	494.5	471.5	441.3	406.4	369.6	335.4	302.9	270.8	238.2	204.7	171.1
-47.5°	474.3	449.0	418.5	384.5	350.9	318.7	288.4	257.2	225.9	192.8	161.6
-50°	452.0	425.5	394.6	362.1	330.7	302.2	273.1	242.7	212.1	180.5	151.6
-52.5°	426.1	399.9	369.2	338.4	310.8	285.2	256.2	227.4	197.7	168.5	141.3
-55°	397.5	371.3	341.6	314.8	290.1	265.6	238.4	210.9	182.9	156.3	130.7
-57.5°	365.1	339.5	314.3	290.6	267.4	244.3	219.9	193.9	168.2	143.6	119.7
-60°	331.9	308.6	286.4	264.7	243.3	222.5	200.7	176.6	153.2	130.5	108.4
-62.5°	297.1	276.8	257.1	237.7	219.0	200.4	181.1	159.1	137.7	117.3	96.8
-65°	262.5	245.0	227.2	211.2	194.8	177.9	160.6	141.1	122.4	103.8	85.4
-67.5°	228.6	213.8	199.2	184.9	170.2	155.1	139.6	123.6	106.9	90.0	74.5
-70°	195.5	183.1	170.9	158.3	145.3	132.3	120.0	106.2	91.2	77.4	63.4
-72.5°	163.6	153.5	142.6	131.5	121.4	111.0	100.4	88.9	76.8	64.6	52.1
-75°	133.4	124.6	115.6	106.8	98.3	89.7	81.8	72.8	62.3	51.6	42.5
-77.5°	104.1	96.9	89.4	83.1	77.4	71.1	64.2	56.5	48.1	40.5	33.2
-80°	77.3	72.7	67.9	63.0	58.0	52.5	47.2	41.6	35.4	29.5	23.9
-82.5°	53.6	50.2	46.6	42.9	39.0	35.1	31.1	26.9	22.5	18.4	15.8
-85°	29.9	27.6	25.2	22.7	20.2	17.6	16.2	14.9	13.5	12.0	10.6
-87.5°	11.9	11.3	10.7	10.1	9.5	8.8	8.1	7.4	6.7	6.0	5.3
-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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REPORT NUMBER: P627375 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	4.6	3.8	3.1	2.3	1.5	0.8	0.0
85°	9.1	7.6	6.1	4.6	3.1	1.5	0.0
82.5°	13.6	11.4	9.1	6.9	4.6	2.3	0.0
80°	18.5	15.2	12.2	9.1	6.1	3.1	0.0
77.5°	26.4	19.9	15.2	11.4	7.6	3.8	0.0
75°	34.1	26.4	18.5	13.6	9.1	4.6	0.0
72.5°	41.8	32.8	23.7	15.8	10.6	5.3	0.0
70°	49.6	39.1	28.7	18.3	12.0	6.0	0.0
67.5°	59.3	45.3	33.7	22.1	13.5	6.7	0.0
65°	68.7	52.3	38.6	25.8	14.9	7.4	0.0
62.5°	78.0	60.1	43.5	29.4	16.2	8.1	0.0
60°	87.1	67.7	48.2	32.9	17.6	8.8	0.0
57.5°	96.6	75.0	54.0	36.3	19.9	9.5	0.0
55°	105.9	82.2	59.8	39.7	22.1	10.1	0.0
52.5°	114.8	89.3	65.4	42.9	24.3	10.7	0.0
50°	123.4	96.4	70.8	46.1	26.4	11.3	0.0
47.5°	131.7	103.2	76.0	49.3	28.4	11.9	0.0
45°	139.8	109.6	81.0	53.1	30.3	12.4	0.0
42.5°	147.6	115.8	85.8	56.7	32.2	13.0	0.0
40°	155.1	121.6	90.4	60.1	34.0	13.5	0.0
37.5°	162.1	127.0	94.8	63.2	35.6	14.0	0.0
35°	168.8	132.4	98.9	66.2	37.2	14.4	0.0
32.5°	175.1	137.6	102.8	68.9	38.7	14.8	0.0
30°	181.0	142.4	106.3	71.4	40.1	15.2	0.0
27.5°	186.5	146.9	109.5	73.7	41.4	15.6	0.0
25°	191.4	151.0	112.5	75.7	42.6	16.0	0.0
22.5°	195.8	154.6	115.2	77.6	43.7	16.3	0.0
20°	199.6	157.8	117.7	79.1	44.7	16.5	0.0
17.5°	203.1	160.6	120.0	80.5	45.5	16.8	0.0
15°	206.3	162.8	122.0	81.6	46.3	17.0	0.0
12.5°	209.1	164.7	123.7	82.5	46.9	17.2	0.0
10°	211.4	166.0	125.1	83.2	47.5	17.3	0.0
7.5°	213.3	167.0	126.2	83.6	47.9	17.4	0.0
5°	214.6	167.5	127.0	83.9	48.2	17.5	0.0
2.5°	215.4	167.6	127.5	83.9	48.3	17.6	0.0
0°	215.7	167.3	127.7	83.7	48.4	17.6	0.0
-2.5°	215.4	167.6	127.5	83.9	48.3	17.6	0.0
-5°	214.6	167.5	127.0	83.9	48.2	17.5	0.0
-7.5°	213.3	167.0	126.2	83.6	47.9	17.4	0.0
-10°	211.4	166.0	125.1	83.2	47.5	17.3	0.0
-12.5°	209.1	164.7	123.7	82.5	46.9	17.2	0.0
-15°	206.3	162.8	122.0	81.6	46.3	17.0	0.0
-17.5°	203.1	160.6	120.0	80.5	45.5	16.8	0.0
-20°	199.6	157.8	117.7	79.1	44.7	16.5	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	195.8	154.6	115.2	77.6	43.7	16.3	0.0
-25°	191.4	151.0	112.5	75.7	42.6	16.0	0.0
-27.5°	186.5	146.9	109.5	73.7	41.4	15.6	0.0
-30°	181.0	142.4	106.3	71.4	40.1	15.2	0.0
-32.5°	175.1	137.6	102.8	68.9	38.7	14.8	0.0
-35°	168.8	132.4	98.9	66.2	37.2	14.4	0.0
-37.5°	162.1	127.0	94.8	63.2	35.6	14.0	0.0
-40°	155.1	121.6	90.4	60.1	34.0	13.5	0.0
-42.5°	147.6	115.8	85.8	56.7	32.2	13.0	0.0
-45°	139.8	109.6	81.0	53.1	30.3	12.4	0.0
-47.5°	131.7	103.2	76.0	49.3	28.4	11.9	0.0
-50°	123.4	96.4	70.8	46.1	26.4	11.3	0.0
-52.5°	114.8	89.3	65.4	42.9	24.3	10.7	0.0
-55°	105.9	82.2	59.8	39.7	22.1	10.1	0.0
-57.5°	96.6	75.0	54.0	36.3	19.9	9.5	0.0
-60°	87.1	67.7	48.2	32.9	17.6	8.8	0.0
-62.5°	78.0	60.1	43.5	29.4	16.2	8.1	0.0
-65°	68.7	52.3	38.6	25.8	14.9	7.4	0.0
-67.5°	59.3	45.3	33.7	22.1	13.5	6.7	0.0
-70°	49.6	39.1	28.7	18.3	12.0	6.0	0.0
-72.5°	41.8	32.8	23.7	15.8	10.6	5.3	0.0
-75°	34.1	26.4	18.5	13.6	9.1	4.6	0.0
-77.5°	26.4	19.9	15.2	11.4	7.6	3.8	0.0
-80°	18.5	15.2	12.2	9.1	6.1	3.1	0.0
-82.5°	13.6	11.4	9.1	6.9	4.6	2.3	0.0
-85°	9.1	7.6	6.1	4.6	3.1	1.5	0.0
-87.5°	4.6	3.8	3.1	2.3	1.5	0.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)