

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: P627638 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5C-735-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627638 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-12)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA5C-735-U-NR-VSR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (80) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

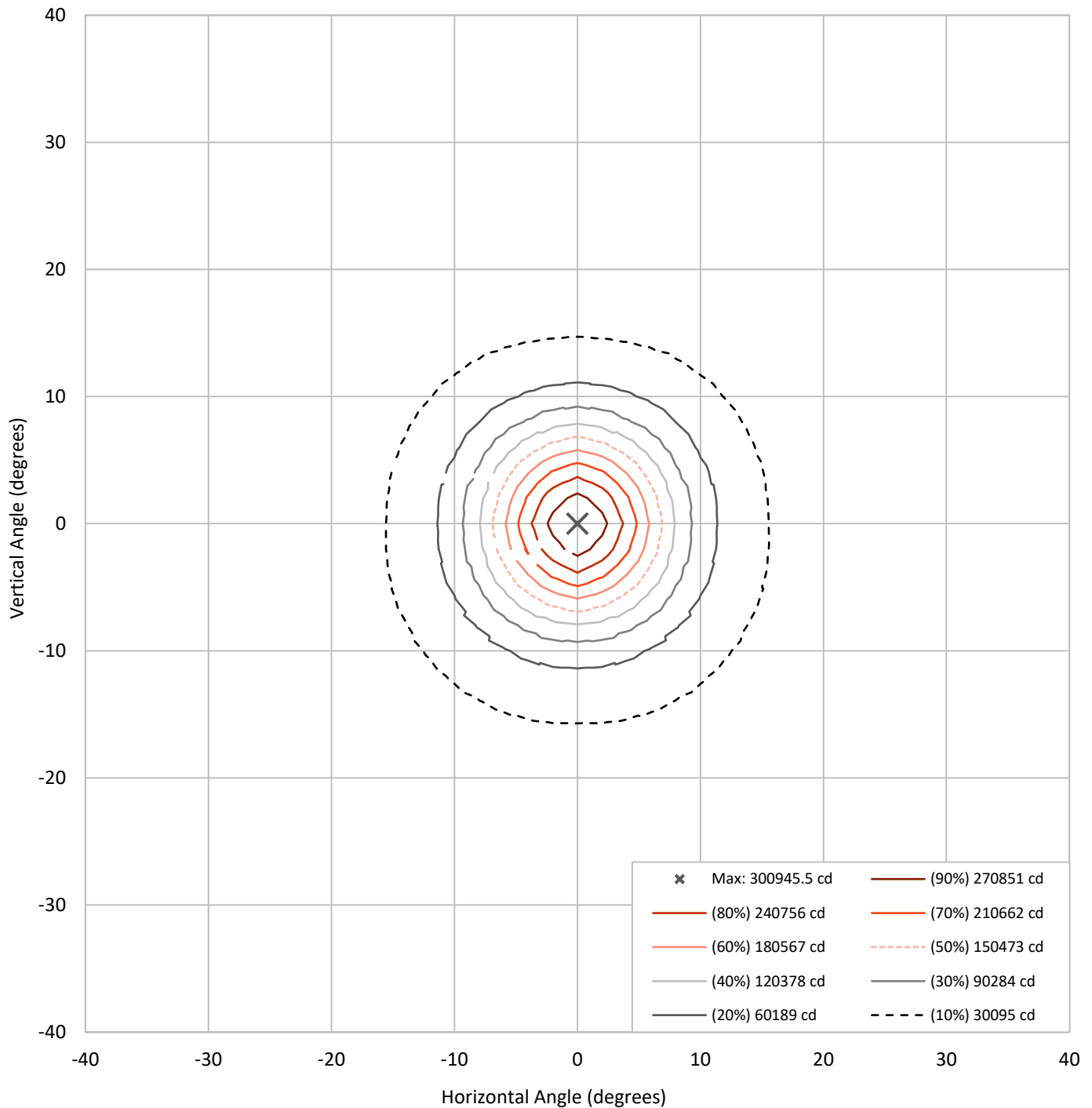
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	29688.9 lumens	Max Intensity:	300945.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	144.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	13.6°H x 13.6°V	Field Angle (10%):	30.9°H x 30.2°V
Beam Lumens:	9478 lumens	Field Lumens:	21110.7 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%
Input Watts (W):	206.1		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





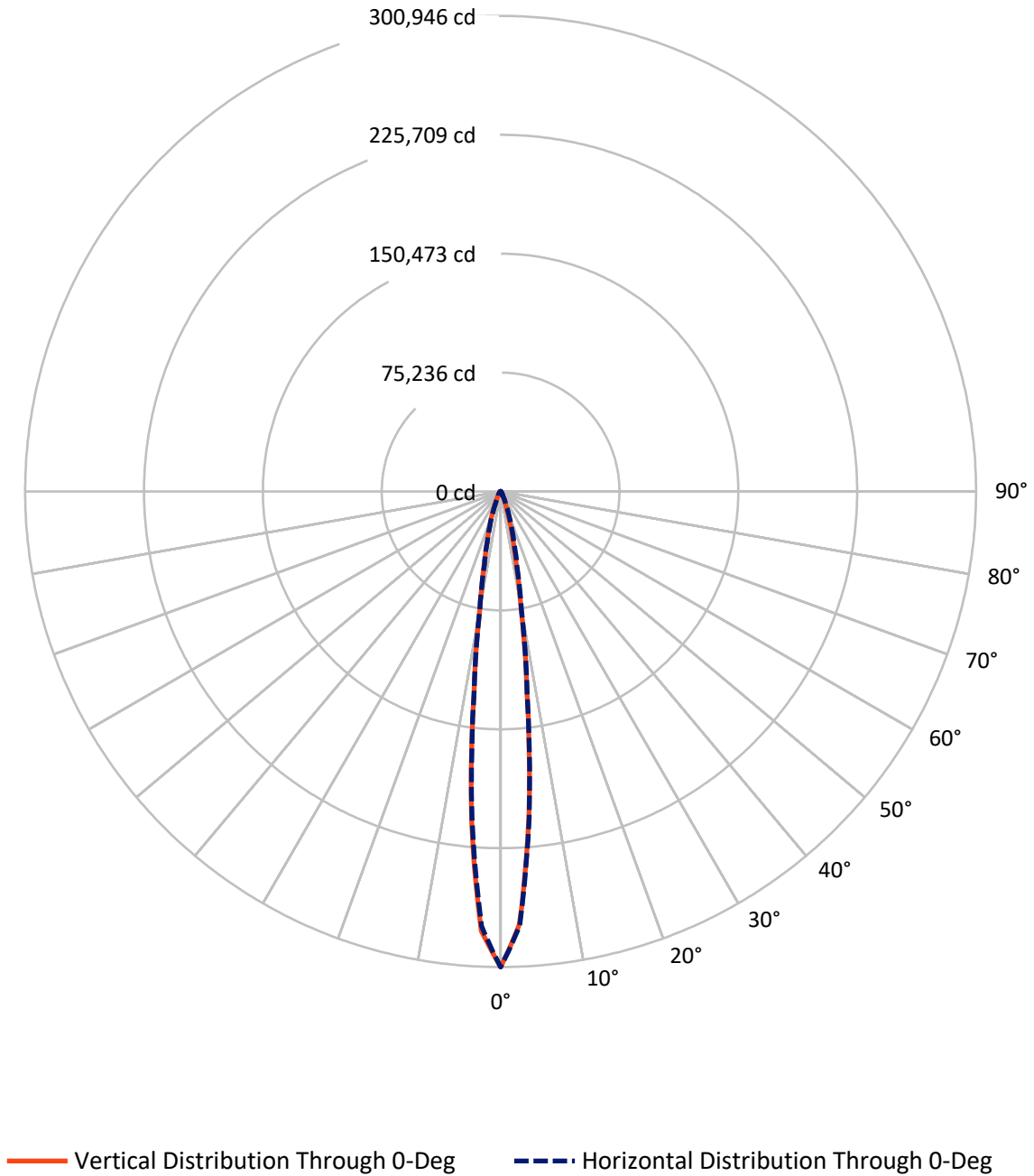
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Lumen Table

90																			
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
70																			
60	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1				
50		0.1	0.2	0.7	1.6	2.6	3.5	4.2	4.2	3.5	2.6	1.6	0.7	0.2		0.1			
40	0.1	0.2	0.9	2.6	4.8	7.1	10.0	11.8	11.8	10.0	7.1	4.8	2.6	0.9	0.2	0.1			
30		0.4	2.1	5.0	9.0	14.2	24.1	30.7	30.7	24.1	14.2	9.0	5.0	2.1	0.4				
20	0.3	0.8	3.3	7.6	13.9	30.2	80.6	133.6	133.6	80.6	30.2	13.9	7.6	3.3	0.8	0.3			
10		1.3	4.5	10.6	23.0	90.3	380.6	836.5	836.5	380.6	90.3	23.0	10.6	4.5	1.3				
0	0.4	1.6	5.5	12.4	31.2	169.5	911.9	4089.8	4089.8	911.9	169.5	31.2	12.4	5.5	1.6	0.4			
-10		1.8	6.0	13.1	33.5	180.6	943.9	4159.3	4159.3	943.9	180.6	33.5	13.1	6.0	1.8				
-20	0.6	1.9	6.1	12.9	29.4	114.9	458.2	980.1	980.1	458.2	114.9	29.4	12.9	6.1	1.9	0.6			
-30		1.9	5.9	11.8	22.7	53.7	141.2	235.3	235.3	141.2	53.7	22.7	11.8	5.9	1.9				
-40	0.5	1.6	5.2	10.4	17.8	29.5	48.0	61.0	61.0	48.0	29.5	17.8	10.4	5.2	1.6	0.5			
-50		1.3	4.3	8.7	14.4	20.6	27.7	30.9	30.9	27.7	20.6	14.4	8.7	4.3	1.3				
-60	0.4	1.0	3.2	6.8	11.3	15.8	20.0	21.8	21.8	20.0	15.8	11.3	6.8	3.2	1.0	0.4			
-70		0.7	2.0	4.4	7.6	11.0	13.9	15.3	15.3	13.9	11.0	7.6	4.4	2.0	0.7				
-80	0.1	1.8	7.5	16.4	20.8	16.4	7.5	1.8	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

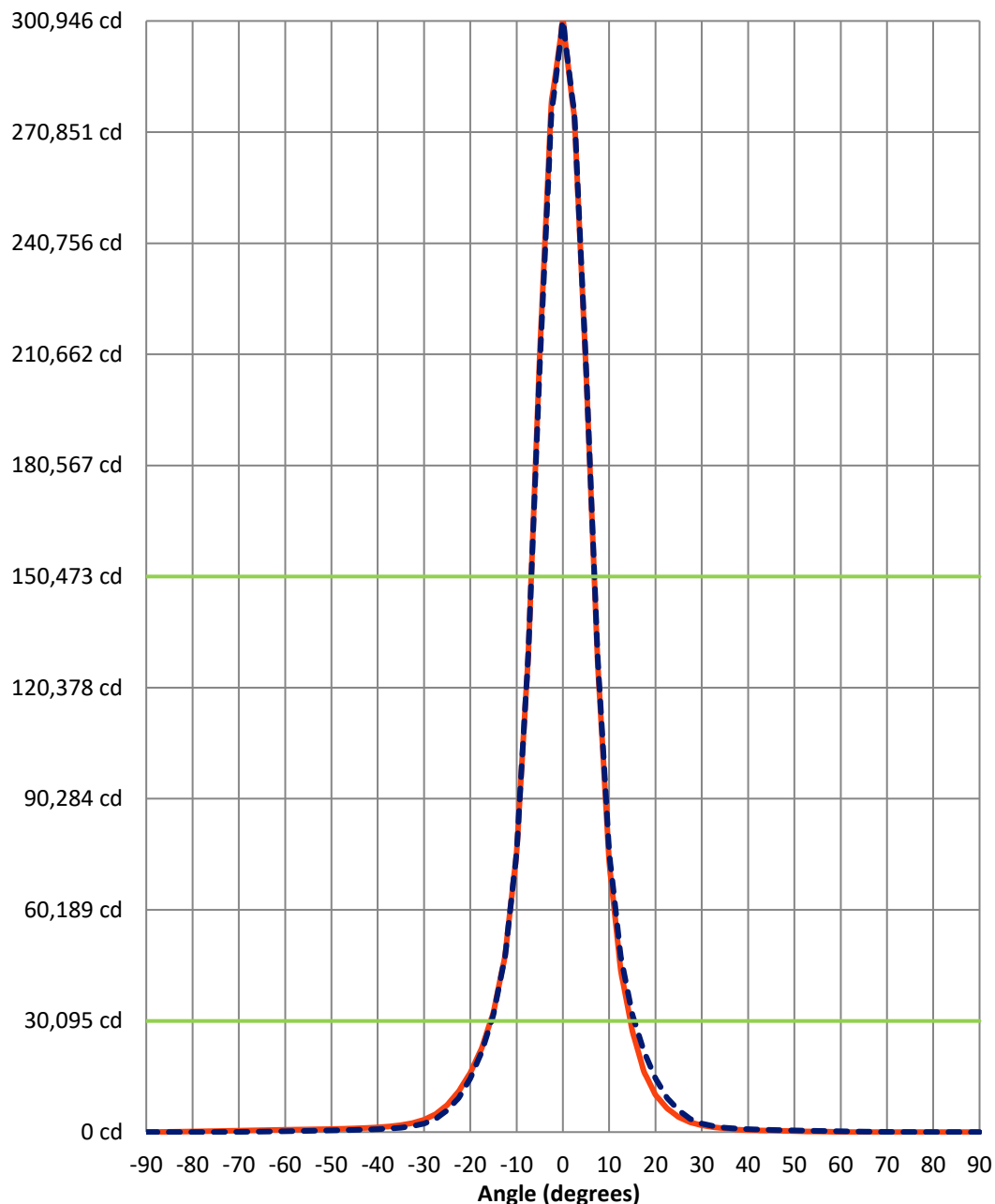
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 9478
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 21110.7
 Efficiency: 71.1%

Spill:
 Lumens: 8578.2
 Efficiency: 28.9%

— 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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.7	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
75°	0.0	0.9	0.1	0.0	0.1	0.5	0.2	0.0	0.1	0.6	0.2
72.5°	0.0	1.0	0.2	0.0	0.7	1.0	0.3	0.4	1.4	1.4	0.6
70°	0.0	1.2	0.3	0.1	1.3	1.4	0.7	2.0	2.7	2.4	0.9
67.5°	0.0	1.3	0.4	0.7	1.9	2.0	2.3	3.6	4.1	2.6	1.1
65°	0.0	1.5	0.5	1.4	2.6	2.7	3.7	5.3	4.3	2.8	1.9
62.5°	0.0	1.6	0.7	2.0	3.3	3.6	5.0	6.0	4.5	3.3	4.0
60°	0.0	1.8	0.9	2.7	4.0	4.5	6.3	6.2	4.8	4.6	5.9
57.5°	0.0	2.0	1.4	3.4	4.5	5.2	6.4	6.4	5.4	5.7	6.4
55°	0.0	2.2	1.9	4.1	4.9	5.9	6.4	6.4	5.9	6.4	6.4
52.5°	0.0	2.3	2.4	4.8	5.3	6.4	6.4	6.4	6.3	6.4	6.4
50°	0.0	2.5	2.9	5.5	5.6	6.4	6.4	6.4	6.4	6.4	7.4
47.5°	0.0	2.7	3.3	6.1	5.9	6.4	6.4	6.4	6.4	6.4	8.8
45°	0.0	2.9	3.7	6.2	6.2	6.4	6.4	6.4	6.6	7.9	10.5
42.5°	0.0	3.1	4.1	6.4	6.3	6.4	6.4	6.6	7.0	9.7	14.1
40°	0.0	3.3	4.5	6.4	6.4	6.4	6.4	7.1	8.1	11.7	18.1
37.5°	0.0	3.5	4.8	6.4	6.4	6.4	6.4	7.8	10.3	14.7	22.4
35°	0.0	3.7	5.1	6.4	6.4	6.4	6.4	8.5	12.7	18.7	27.5
32.5°	0.0	3.9	5.3	6.4	6.4	6.4	6.6	9.4	15.1	22.6	34.0
30°	0.0	4.2	5.5	6.4	6.4	6.4	7.2	10.6	17.7	26.4	41.2
27.5°	0.0	4.4	5.7	6.4	6.4	6.4	7.9	12.6	20.5	30.0	48.9
25°	0.0	4.6	5.9	6.4	6.4	6.4	8.7	14.7	23.5	35.3	57.1
22.5°	0.0	4.8	6.0	6.4	6.4	6.5	9.5	16.7	26.4	41.7	66.9
20°	0.0	5.0	6.1	6.4	6.4	7.0	10.3	18.8	29.2	48.2	75.9
17.5°	0.0	5.2	6.2	6.4	6.4	7.5	11.4	20.8	31.7	54.8	84.1
15°	0.0	5.4	6.3	6.4	6.4	8.2	12.7	22.8	34.1	61.2	91.5
12.5°	0.0	5.6	6.3	6.4	6.4	8.9	13.9	24.7	37.3	67.5	98.2
10°	0.0	5.8	6.4	6.4	6.4	9.7	15.1	26.5	41.4	73.3	104.1
7.5°	0.0	5.9	6.4	6.4	6.4	10.4	16.2	28.1	45.6	78.4	109.2
5°	0.0	6.1	6.4	6.4	6.4	11.2	17.2	29.5	49.7	82.7	113.8
2.5°	0.0	6.3	6.4	6.4	6.4	12.0	18.2	30.8	53.6	86.3	117.7
0°	0.0	6.4	6.4	6.4	6.4	12.7	19.1	31.9	57.3	89.2	121.0
-2.5°	0.0	6.4	6.4	6.4	7.0	13.4	20.8	33.8	60.6	91.6	125.1
-5°	0.0	6.4	6.4	6.4	7.5	14.0	22.3	35.5	63.4	93.4	128.5
-7.5°	0.0	6.3	6.4	6.4	8.0	14.5	23.8	37.1	65.6	94.8	131.0
-10°	0.0	6.3	6.4	6.4	8.5	15.0	25.0	38.5	67.3	95.8	132.6
-12.5°	0.0	6.2	6.4	6.4	8.9	15.5	26.0	39.6	68.4	96.7	135.1
-15°	0.0	6.2	6.4	6.4	9.2	15.8	26.9	40.6	68.6	98.7	137.4
-17.5°	0.0	6.1	6.4	6.4	9.5	16.1	27.4	41.6	68.1	99.7	138.4
-20°	0.0	6.0	6.4	6.4	9.7	16.3	27.8	42.4	67.1	99.7	138.2

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Scaled Data Report



REPORT NUMBER: P627638 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-735-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	5.9	6.4	6.4	9.8	16.4	28.1	43.0	65.6	98.5	136.6
-25°	0.0	5.8	6.4	6.4	9.7	16.9	28.3	43.2	63.6	96.2	133.6
-27.5°	0.0	5.7	6.4	6.4	9.6	17.3	28.3	43.0	61.1	93.0	130.8
-30°	0.0	5.5	6.4	6.4	9.4	17.6	28.1	42.5	59.8	89.5	126.4
-32.5°	0.0	5.4	6.4	6.4	9.3	17.7	27.8	42.0	59.0	85.6	120.4
-35°	0.0	5.2	6.4	6.4	9.2	17.7	27.7	41.5	57.8	81.0	112.8
-37.5°	0.0	5.1	6.4	6.4	9.0	17.5	27.6	40.7	56.1	75.9	108.4
-40°	0.0	4.9	6.4	6.4	8.7	17.2	27.3	39.7	54.0	72.7	104.4
-42.5°	0.0	4.7	6.4	6.5	8.6	16.6	26.7	38.6	52.3	71.2	99.4
-45°	0.0	4.5	6.4	6.6	8.8	16.0	25.9	37.4	50.8	69.0	94.0
-47.5°	0.0	4.3	6.4	6.8	9.0	15.1	24.8	36.1	49.0	66.0	90.4
-50°	0.0	4.1	6.4	6.8	9.1	14.1	23.6	34.6	47.2	63.5	85.7
-52.5°	0.0	3.9	6.4	6.9	9.1	13.0	22.1	32.7	44.8	60.0	80.1
-55°	0.0	3.7	6.4	6.9	9.0	12.6	20.4	30.6	42.2	55.6	74.3
-57.5°	0.0	3.4	6.4	6.9	8.9	12.3	18.5	28.1	39.1	51.5	67.4
-60°	0.0	3.2	6.4	6.9	8.7	11.9	16.5	25.4	35.8	47.4	60.4
-62.5°	0.0	3.0	5.9	6.8	8.5	11.4	15.7	22.4	32.1	42.9	54.9
-65°	0.0	2.7	5.4	6.7	8.2	10.8	14.7	19.8	28.1	38.0	49.1
-67.5°	0.0	2.4	4.9	6.6	7.8	10.1	13.6	18.1	23.8	32.8	42.8
-70°	0.0	2.2	4.4	6.4	7.4	9.4	12.3	16.3	21.3	27.3	36.1
-72.5°	0.0	1.9	3.8	5.8	7.0	8.6	11.0	14.4	18.6	23.7	29.6
-75°	0.0	1.7	3.3	5.0	6.5	7.7	9.6	12.6	15.8	20.0	24.9
-77.5°	0.0	1.4	2.8	4.1	5.5	6.7	8.1	10.8	13.7	16.6	20.0
-80°	0.0	1.1	2.2	3.3	4.4	5.5	6.6	9.1	11.7	14.3	16.9
-82.5°	0.0	0.8	1.7	2.5	3.3	4.1	5.0	7.1	9.6	11.9	14.3
-85°	0.0	0.6	1.1	1.7	2.2	2.8	3.3	4.8	6.5	8.5	10.7
-87.5°	0.0	0.3	0.6	0.8	1.1	1.4	1.7	2.4	3.3	4.3	5.4
-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.4	1.8	2.2	1.3	0.0	0.0	0.0	0.4	0.0	0.0	0.0
65°	3.1	4.2	3.2	1.7	0.1	1.5	2.2	1.7	0.2	0.0	0.0
62.5°	5.9	5.0	3.5	2.6	3.6	4.8	3.8	2.2	0.6	3.1	4.4
60°	6.4	5.4	4.5	5.1	6.5	5.8	4.2	6.2	9.3	11.7	14.2
57.5°	6.4	5.9	5.8	6.9	7.2	7.3	11.2	14.9	21.1	26.3	29.8
55°	6.6	6.3	7.2	8.6	10.7	15.2	20.8	29.3	36.2	46.7	55.6
52.5°	7.3	7.2	9.7	13.0	19.3	26.3	36.2	48.2	61.9	72.1	82.9
50°	8.3	10.6	13.6	21.9	30.4	41.4	57.7	75.2	86.7	98.2	113.7
47.5°	11.3	14.4	22.4	32.0	44.3	61.9	84.3	96.9	108.3	126.3	145.7
45°	15.3	21.7	31.5	44.7	61.7	86.4	104.0	114.4	134.0	154.9	177.0
42.5°	19.5	29.9	43.3	57.2	84.0	107.5	123.4	139.8	159.6	184.1	208.0
40°	26.5	38.1	56.2	78.0	105.3	128.2	148.2	167.0	186.5	218.5	244.0
37.5°	33.6	50.4	70.9	98.1	126.4	151.4	173.7	197.4	225.2	261.3	284.2
35°	40.4	63.2	88.3	117.2	147.3	175.6	202.4	230.1	266.1	300.3	327.6
32.5°	50.1	76.3	104.5	135.8	166.8	198.8	231.4	264.4	299.9	334.9	370.7
30°	62.2	90.2	120.0	153.5	184.7	221.8	259.5	294.4	330.3	367.0	407.5
27.5°	74.3	103.3	135.5	169.4	202.0	244.3	285.0	321.5	358.2	397.8	443.9
25°	85.6	116.5	150.1	183.5	221.9	267.2	311.7	354.0	385.0	430.1	484.1
22.5°	96.4	129.3	165.5	196.2	241.0	290.3	342.1	387.6	424.3	464.6	525.8
20°	107.1	142.6	179.9	214.2	260.2	313.1	374.6	421.5	467.2	519.1	581.6
17.5°	117.4	154.9	194.1	234.9	283.4	338.2	408.0	455.8	510.3	572.5	651.2
15°	127.0	166.3	208.4	254.2	304.3	363.3	430.7	490.3	555.5	627.3	720.2
12.5°	136.0	176.8	222.4	272.0	322.7	385.0	449.6	513.1	588.1	682.0	799.0
10°	144.3	186.2	236.0	288.3	338.8	403.2	466.4	532.4	611.6	714.6	848.6
7.5°	151.2	195.8	248.9	303.1	352.6	418.3	480.9	548.3	631.2	741.7	882.0
5°	157.0	205.8	260.9	312.7	364.1	431.2	493.0	560.9	646.8	762.8	905.9
2.5°	161.8	215.0	271.4	319.7	374.0	443.0	502.6	574.9	662.7	779.2	928.3
0°	165.6	223.0	280.3	324.9	382.2	452.3	509.6	586.0	675.2	789.9	949.1
-2.5°	173.4	229.6	285.6	330.9	391.0	453.8	514.2	587.6	680.0	798.2	953.0
-5°	179.8	234.9	289.5	335.5	397.6	453.6	516.2	586.3	681.6	802.9	960.0
-7.5°	184.8	239.0	292.1	339.1	401.1	455.7	519.0	590.8	686.6	807.3	969.0
-10°	188.1	242.0	294.2	343.6	402.0	457.9	520.1	591.8	685.8	804.5	964.1
-12.5°	189.8	243.7	295.2	346.1	401.8	457.7	518.6	589.1	678.7	794.4	944.4
-15°	190.3	244.4	295.0	346.4	400.8	455.0	514.5	582.4	666.1	777.4	913.4
-17.5°	189.7	244.0	293.8	344.3	399.3	449.7	508.2	573.4	653.3	757.3	888.3
-20°	188.1	242.7	291.6	339.7	397.2	444.9	501.9	564.8	640.0	734.2	851.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627638 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-735-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	185.4	240.5	288.5	335.1	390.1	440.4	493.6	553.6	621.0	706.2	810.3
-25°	182.3	235.9	284.4	331.5	382.1	433.5	483.2	540.2	602.1	684.0	777.7
-27.5°	178.2	230.4	278.9	326.5	373.6	424.1	472.8	526.6	587.9	660.1	743.9
-30°	172.4	222.7	271.1	319.7	366.1	413.6	460.6	512.0	569.6	637.8	715.1
-32.5°	165.0	214.0	261.4	309.5	357.8	403.1	447.3	496.6	550.8	610.5	684.1
-35°	157.4	204.7	250.9	296.7	347.6	391.3	433.9	479.1	529.6	585.1	645.0
-37.5°	150.3	194.7	239.8	282.9	331.2	376.7	418.1	461.1	507.7	558.7	613.1
-40°	142.7	184.0	228.0	270.1	312.4	358.8	400.2	441.7	484.8	535.8	584.3
-42.5°	134.8	175.0	215.7	256.9	297.3	338.8	380.1	419.9	465.3	513.7	561.2
-45°	128.2	165.5	203.3	243.3	283.2	320.7	359.4	396.6	442.7	491.1	537.6
-47.5°	120.5	155.8	192.4	228.7	267.8	305.4	340.2	377.8	417.0	462.6	511.3
-50°	112.5	145.9	179.7	214.0	251.0	288.5	323.8	358.6	395.6	433.1	475.1
-52.5°	105.7	134.9	166.2	197.6	232.6	269.3	305.0	339.8	373.9	409.2	445.0
-55°	97.6	124.4	152.1	181.5	212.2	247.3	282.6	316.6	351.4	384.4	419.5
-57.5°	88.7	112.7	137.9	165.5	193.4	222.2	256.5	290.3	323.0	356.3	392.5
-60°	78.5	100.0	122.9	148.3	175.6	201.9	229.7	261.0	292.5	324.1	357.6
-62.5°	68.1	86.8	107.4	129.5	154.5	180.5	205.8	232.5	260.8	288.3	317.3
-65°	61.1	74.3	91.6	111.3	131.8	155.0	179.1	203.6	228.6	251.9	274.3
-67.5°	53.7	65.6	78.3	92.9	111.5	131.0	150.2	172.3	194.7	216.1	237.0
-70°	45.8	56.3	67.7	79.8	93.0	109.0	127.0	144.6	161.8	179.8	199.2
-72.5°	37.5	46.7	56.5	67.0	78.3	90.9	104.8	119.8	135.1	150.0	165.1
-75°	30.8	36.8	44.9	53.8	63.5	73.5	83.5	95.4	108.3	121.4	134.1
-77.5°	25.3	30.9	36.5	41.9	48.8	57.9	66.9	75.7	84.7	94.6	105.1
-80°	20.6	24.9	30.0	35.0	39.8	45.2	51.5	58.4	64.8	71.3	78.5
-82.5°	17.2	20.5	24.1	28.0	30.8	33.7	37.0	41.0	45.3	49.7	54.2
-85°	13.1	15.8	18.3	20.9	22.2	23.6	25.2	27.0	29.7	32.4	35.0
-87.5°	6.6	7.9	9.4	10.9	11.6	12.3	12.9	13.5	15.2	17.1	18.9
-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: P627638 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-735-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.3	0.0	0.0	0.0	0.1	1.2	1.6	1.4	0.6	0.0	0.0
62.5°	3.7	3.1	4.9	6.6	7.3	7.1	6.5	5.8	5.0	4.6	5.2
60°	15.3	15.0	20.9	23.7	21.6	15.2	24.0	28.3	27.2	23.4	23.2
57.5°	37.4	45.4	51.3	53.8	62.2	75.9	78.5	74.0	72.4	73.9	85.4
55°	64.8	71.3	74.6	86.2	96.4	103.9	108.3	112.7	119.2	127.2	135.5
52.5°	91.6	100.5	107.4	117.8	130.0	134.3	133.1	148.9	161.2	169.0	172.2
50°	125.8	137.0	152.8	169.0	176.1	182.9	190.2	203.1	221.9	245.4	258.9
47.5°	162.7	180.2	196.9	215.4	224.7	232.0	242.8	265.4	292.2	317.5	330.7
45°	195.9	211.5	230.5	246.5	258.1	272.2	287.8	308.2	338.2	364.7	382.9
42.5°	222.6	240.1	259.7	279.1	290.8	309.8	333.6	361.3	392.7	420.2	440.5
40°	259.9	274.8	306.0	324.4	329.0	346.7	394.4	432.2	467.8	501.6	518.4
37.5°	305.1	334.1	366.5	383.2	399.6	430.9	494.7	555.9	601.2	646.9	671.9
35°	356.4	394.6	438.7	458.3	493.5	561.8	636.7	721.8	827.7	872.0	912.4
32.5°	406.2	448.9	489.6	533.8	595.4	676.9	761.3	899.3	1028.1	1127.9	1200.8
30°	450.5	495.7	546.2	603.1	689.9	802.2	943.2	1121.7	1303.3	1461.8	1595.9
27.5°	494.2	545.7	605.7	690.6	812.7	965.2	1190.3	1444.9	1748.1	1971.4	2238.1
25°	542.1	601.0	678.0	801.1	965.8	1193.9	1553.6	1967.2	2464.3	2867.3	3289.2
22.5°	598.7	685.7	783.4	920.7	1208.3	1584.2	2075.6	2782.4	3547.1	4254.1	4934.9
20°	667.2	786.2	942.9	1195.6	1564.9	2120.6	2974.5	4102.6	5227.1	6424.7	7577.7
17.5°	765.0	936.4	1179.9	1539.6	2026.4	3125.4	4511.0	6255.7	8497.2	10528.4	12302.0
15°	856.7	1061.5	1446.1	1983.7	2832.7	4289.4	6393.8	9273.5	12766.8	15950.5	19313.1
12.5°	953.0	1194.8	1636.4	2321.0	3500.7	5397.1	8354.6	12300.3	16674.4	21472.6	26938.0
10°	1029.2	1322.8	1851.7	2719.6	4173.8	6535.3	10058.1	14843.3	20656.0	27757.0	36493.7
7.5°	1080.7	1425.4	2029.4	3011.3	4793.4	7699.3	11940.0	17691.7	24958.6	34366.0	46591.0
5°	1120.9	1503.7	2163.0	3277.4	5317.5	8587.8	13334.4	20186.1	28782.5	41386.6	62104.6
2.5°	1153.2	1563.7	2245.7	3460.6	5646.5	9206.6	14269.9	21597.3	31058.7	46577.2	73456.0
0°	1178.5	1618.0	2299.6	3573.6	5898.6	9268.4	14561.9	21855.6	31875.6	47514.0	75898.9
-2.5°	1189.2	1647.0	2318.1	3598.3	5873.4	9374.6	14651.0	22061.8	31844.9	47000.7	73170.5
-5°	1207.1	1646.5	2304.1	3573.1	5741.8	9100.0	14069.2	20907.5	29923.7	42958.3	64398.8
-7.5°	1220.0	1620.3	2237.4	3411.2	5397.1	8506.3	13046.8	18995.0	26427.1	36324.0	49602.7
-10°	1208.2	1569.9	2126.2	3139.6	4861.1	7553.9	11492.0	16470.1	22647.0	29981.4	39003.3
-12.5°	1162.7	1476.9	1944.7	2759.1	4167.1	6487.0	9927.9	14166.4	18738.2	23889.2	30123.4
-15°	1105.2	1376.6	1781.2	2498.2	3652.5	5429.5	7941.7	11380.1	15047.5	18958.4	23128.9
-17.5°	1060.5	1288.5	1623.6	2142.6	2991.6	4404.6	6378.7	8821.3	11516.4	14494.0	16965.3
-20°	999.8	1180.0	1461.4	1885.2	2533.0	3469.2	4906.9	6681.5	8459.9	10553.4	12260.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627638 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-735-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	939.2	1096.1	1310.2	1620.4	2102.3	2809.6	3697.9	4882.8	6183.3	7385.0	8567.9
-25°	882.9	1003.7	1176.9	1431.3	1758.3	2240.9	2873.2	3553.0	4410.2	5141.7	5953.4
-27.5°	837.2	941.0	1068.8	1255.4	1509.1	1819.6	2272.3	2727.8	3178.6	3547.7	4106.6
-30°	793.2	876.8	983.6	1116.7	1306.8	1546.1	1840.0	2135.5	2395.6	2632.9	2923.9
-32.5°	750.0	818.0	899.9	1010.3	1146.8	1326.7	1507.3	1719.0	1899.9	2066.8	2221.2
-35°	706.6	767.1	829.5	922.7	1031.5	1159.3	1290.6	1434.1	1559.3	1671.7	1771.1
-37.5°	667.5	720.6	779.4	848.7	936.4	1032.6	1139.8	1244.0	1326.7	1399.7	1460.0
-40°	634.5	682.8	733.1	788.6	855.3	931.2	1022.3	1109.1	1167.1	1211.6	1248.2
-42.5°	605.0	647.5	690.4	737.5	788.7	854.4	926.3	998.0	1037.3	1071.8	1098.2
-45°	581.3	614.0	650.0	690.2	735.6	790.6	847.2	896.7	931.6	961.3	983.3
-47.5°	550.0	581.5	612.7	645.9	688.2	734.1	780.8	818.9	849.4	875.2	892.1
-50°	515.5	548.7	577.3	606.5	645.4	684.2	721.9	753.3	782.4	807.7	821.0
-52.5°	479.8	515.4	545.4	573.9	606.6	640.4	674.4	701.3	726.8	750.6	760.7
-55°	454.2	486.9	517.9	544.7	571.6	598.8	626.4	654.4	679.6	702.2	709.0
-57.5°	426.4	459.8	490.4	514.4	538.8	563.2	588.6	613.8	638.1	659.8	665.3
-60°	392.5	428.7	455.9	478.6	502.2	526.4	548.5	571.0	593.6	612.6	618.7
-62.5°	349.5	382.4	409.3	433.2	456.0	477.1	498.6	519.6	539.9	554.9	559.8
-65°	297.9	325.9	353.6	378.6	401.1	421.4	441.2	460.4	478.9	492.1	498.7
-67.5°	257.2	277.4	299.6	321.2	343.8	364.7	382.5	399.4	415.2	426.4	433.4
-70°	218.0	237.1	258.0	278.5	298.2	315.1	329.4	343.3	356.8	366.7	374.1
-72.5°	180.4	196.7	214.1	232.2	250.1	265.5	278.6	291.0	302.6	311.1	318.0
-75°	146.5	159.9	174.6	189.2	203.8	216.0	226.9	237.6	248.0	255.5	261.8
-77.5°	116.3	127.6	139.1	150.5	162.0	170.8	178.9	186.7	194.4	200.3	205.7
-80°	86.1	95.0	104.2	113.4	122.5	129.2	135.3	141.0	146.5	150.0	153.1
-82.5°	58.9	65.1	71.5	78.0	84.5	89.4	94.2	99.0	103.6	105.2	106.4
-85°	37.6	40.7	44.0	47.6	51.2	54.0	56.6	59.1	61.5	63.7	65.8
-87.5°	20.9	21.5	22.1	22.6	23.1	25.0	27.0	28.9	30.8	31.1	31.4
-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: P627638 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-735-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.4
62.5°	5.7	6.1	6.3	6.4	6.3	6.1	5.7	5.2	4.6	5.0	5.8
60°	21.8	19.4	18.9	19.1	18.9	19.4	21.8	23.2	23.4	27.2	28.3
57.5°	96.9	107.8	110.8	108.3	110.8	107.8	96.9	85.4	73.9	72.4	74.0
55°	141.1	144.4	146.0	146.5	146.0	144.4	141.1	135.5	127.2	119.2	112.7
52.5°	172.9	171.8	171.6	172.0	171.6	171.8	172.9	172.2	169.0	161.2	148.9
50°	259.9	255.2	253.3	254.8	253.3	255.2	259.9	258.9	245.4	221.9	203.1
47.5°	332.3	333.7	335.9	337.6	335.9	333.7	332.3	330.7	317.5	292.2	265.4
45°	388.0	391.3	393.7	394.9	393.7	391.3	388.0	382.9	364.7	338.2	308.2
42.5°	444.9	445.3	444.7	445.9	444.7	445.3	444.9	440.5	420.2	392.7	361.3
40°	525.3	526.9	525.2	522.3	525.2	526.9	525.3	518.4	501.6	467.8	432.2
37.5°	686.5	688.8	681.2	675.2	681.2	688.8	686.5	671.9	646.9	601.2	555.9
35°	949.3	976.6	989.5	993.7	989.5	976.6	949.3	912.4	872.0	827.7	721.8
32.5°	1251.2	1289.1	1308.1	1325.0	1308.1	1289.1	1251.2	1200.8	1127.9	1028.1	899.3
30°	1683.8	1753.7	1784.5	1828.2	1784.5	1753.7	1683.8	1595.9	1461.8	1303.3	1121.7
27.5°	2389.5	2512.4	2580.4	2643.6	2580.4	2512.4	2389.5	2238.1	1971.4	1748.1	1444.9
25°	3595.7	3832.3	3985.5	4057.7	3985.5	3832.3	3595.7	3289.2	2867.3	2464.3	1967.2
22.5°	5593.7	6029.9	6366.3	6433.7	6366.3	6029.9	5593.7	4934.9	4254.1	3547.1	2782.4
20°	8696.2	9320.3	9828.1	10083.8	9828.1	9320.3	8696.2	7577.7	6424.7	5227.1	4102.6
17.5°	14414.3	15712.5	16305.4	16402.8	16305.4	15712.5	14414.3	12302.0	10528.4	8497.2	6255.7
15°	22921.1	25117.8	26512.3	27410.2	26512.3	25117.8	22921.1	19313.1	15950.5	12766.8	9273.5
12.5°	32627.2	38869.0	42420.7	43774.8	42420.7	38869.0	32627.2	26938.0	21472.6	16674.4	12300.3
10°	45800.4	60494.6	68970.9	73236.2	68970.9	60494.6	45800.4	36493.7	27757.0	20656.0	14843.3
7.5°	68158.4	90853.9	115999.5	127633.0	115999.5	90853.9	68158.4	46591.0	34366.0	24958.6	17691.7
5°	91662.2	141492.2	185228.5	206172.2	185228.5	141492.2	91662.2	62104.6	41386.6	28782.5	20186.1
2.5°	118676.0	185876.5	248008.8	274134.1	248008.8	185876.5	118676.0	73456.0	46577.2	31058.7	21597.3
0°	129072.7	207350.7	275302.9	300945.5	275302.9	207350.7	129072.7	75898.9	47514.0	31875.6	21855.6
-2.5°	120283.2	189132.1	249076.3	278376.5	249076.3	189132.1	120283.2	73170.5	47000.7	31844.9	22061.8
-5°	95571.2	142272.1	186666.5	210542.1	186666.5	142272.1	95571.2	64398.8	42958.3	29923.7	20907.5
-7.5°	70143.3	95566.8	120221.8	128843.3	120221.8	95566.8	70143.3	49602.7	36324.0	26427.1	18995.0
-10°	48835.2	63393.5	73003.5	75746.0	73003.5	63393.5	48835.2	39003.3	29981.4	22647.0	16470.1
-12.5°	36206.4	42574.2	47004.8	47775.2	47004.8	42574.2	36206.4	30123.4	23889.2	18738.2	14166.4
-15°	26809.9	30048.1	32333.3	32487.1	32333.3	30048.1	26809.9	23128.9	18958.4	15047.5	11380.1
-17.5°	19598.2	21771.8	22925.1	22842.9	22925.1	21771.8	19598.2	16965.3	14494.0	11516.4	8821.3
-20°	14013.8	15324.1	16253.3	16071.6	16253.3	15324.1	14013.8	12260.7	10553.4	8459.9	6681.5



REPORT NUMBER: P627638 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-735-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	9771.5	10641.2	11185.7	11045.6	11185.7	10641.2	9771.5	8567.9	7385.0	6183.3	4882.8
-25°	6639.5	7113.4	7383.2	7338.3	7383.2	7113.4	6639.5	5953.4	5141.7	4410.2	3553.0
-27.5°	4524.4	4774.8	4858.4	4854.0	4858.4	4774.8	4524.4	4106.6	3547.7	3178.6	2727.8
-30°	3140.3	3308.6	3404.8	3344.3	3404.8	3308.6	3140.3	2923.9	2632.9	2395.6	2135.5
-32.5°	2340.6	2435.5	2490.4	2433.3	2490.4	2435.5	2340.6	2221.2	2066.8	1899.9	1719.0
-35°	1844.6	1892.5	1911.9	1879.2	1911.9	1892.5	1844.6	1771.1	1671.7	1559.3	1434.1
-37.5°	1503.9	1532.0	1541.5	1522.4	1541.5	1532.0	1503.9	1460.0	1399.7	1326.7	1244.0
-40°	1274.3	1291.6	1295.8	1280.4	1295.8	1291.6	1274.3	1248.2	1211.6	1167.1	1109.1
-42.5°	1115.0	1125.3	1127.7	1121.1	1127.7	1125.3	1115.0	1098.2	1071.8	1037.3	998.0
-45°	996.5	1005.2	1006.9	1000.1	1006.9	1005.2	996.5	983.3	961.3	931.6	896.7
-47.5°	900.5	905.9	907.3	904.5	907.3	905.9	900.5	892.1	875.2	849.4	818.9
-50°	827.0	830.8	831.2	828.1	831.2	830.8	827.0	821.0	807.7	782.4	753.3
-52.5°	765.5	768.2	769.9	770.8	769.9	768.2	765.5	760.7	750.6	726.8	701.3
-55°	713.7	717.1	719.1	719.8	719.1	717.1	713.7	709.0	702.2	679.6	654.4
-57.5°	669.6	672.7	674.6	675.2	674.6	672.7	669.6	665.3	659.8	638.1	613.8
-60°	623.7	627.4	629.8	630.6	629.8	627.4	623.7	618.7	612.6	593.6	571.0
-62.5°	563.0	564.7	566.2	566.9	566.2	564.7	563.0	559.8	554.9	539.9	519.6
-65°	503.6	507.0	509.0	509.6	509.0	507.0	503.6	498.7	492.1	478.9	460.4
-67.5°	439.1	443.6	448.3	452.3	448.3	443.6	439.1	433.4	426.4	415.2	399.4
-70°	380.7	386.4	388.2	388.6	388.2	386.4	380.7	374.1	366.7	356.8	343.3
-72.5°	324.0	329.3	333.8	337.6	333.8	329.3	324.0	318.0	311.1	302.6	291.0
-75°	267.4	272.3	273.6	273.9	273.6	272.3	267.4	261.8	255.5	248.0	237.6
-77.5°	210.8	215.3	216.3	216.6	216.3	215.3	210.8	205.7	200.3	194.4	186.7
-80°	155.9	158.5	162.2	165.6	162.2	158.5	155.9	153.1	150.0	146.5	141.0
-82.5°	107.3	107.9	108.2	108.3	108.2	107.9	107.3	106.4	105.2	103.6	99.0
-85°	67.9	69.8	70.0	70.1	70.0	69.8	67.9	65.8	63.7	61.5	59.1
-87.5°	31.6	31.8	31.9	31.9	31.9	31.8	31.6	31.4	31.1	30.8	28.9
-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: P627638 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-735-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
65°	1.6	1.2	0.1	0.0	0.0	0.0	0.3	0.0	0.0	0.2	1.7
62.5°	6.5	7.1	7.3	6.6	4.9	3.1	3.7	4.4	3.1	0.6	2.2
60°	24.0	15.2	21.6	23.7	20.9	15.0	15.3	14.2	11.7	9.3	6.2
57.5°	78.5	75.9	62.2	53.8	51.3	45.4	37.4	29.8	26.3	21.1	14.9
55°	108.3	103.9	96.4	86.2	74.6	71.3	64.8	55.6	46.7	36.2	29.3
52.5°	133.1	134.3	130.0	117.8	107.4	100.5	91.6	82.9	72.1	61.9	48.2
50°	190.2	182.9	176.1	169.0	152.8	137.0	125.8	113.7	98.2	86.7	75.2
47.5°	242.8	232.0	224.7	215.4	196.9	180.2	162.7	145.7	126.3	108.3	96.9
45°	287.8	272.2	258.1	246.5	230.5	211.5	195.9	177.0	154.9	134.0	114.4
42.5°	333.6	309.8	290.8	279.1	259.7	240.1	222.6	208.0	184.1	159.6	139.8
40°	394.4	346.7	329.0	324.4	306.0	274.8	259.9	244.0	218.5	186.5	167.0
37.5°	494.7	430.9	399.6	383.2	366.5	334.1	305.1	284.2	261.3	225.2	197.4
35°	636.7	561.8	493.5	458.3	438.7	394.6	356.4	327.6	300.3	266.1	230.1
32.5°	761.3	676.9	595.4	533.8	489.6	448.9	406.2	370.7	334.9	299.9	264.4
30°	943.2	802.2	689.9	603.1	546.2	495.7	450.5	407.5	367.0	330.3	294.4
27.5°	1190.3	965.2	812.7	690.6	605.7	545.7	494.2	443.9	397.8	358.2	321.5
25°	1553.6	1193.9	965.8	801.1	678.0	601.0	542.1	484.1	430.1	385.0	354.0
22.5°	2075.6	1584.2	1208.3	920.7	783.4	685.7	598.7	525.8	464.6	424.3	387.6
20°	2974.5	2120.6	1564.9	1195.6	942.9	786.2	667.2	581.6	519.1	467.2	421.5
17.5°	4511.0	3125.4	2026.4	1539.6	1179.9	936.4	765.0	651.2	572.5	510.3	455.8
15°	6393.8	4289.4	2832.7	1983.7	1446.1	1061.5	856.7	720.2	627.3	555.5	490.3
12.5°	8354.6	5397.1	3500.7	2321.0	1636.4	1194.8	953.0	799.0	682.0	588.1	513.1
10°	10058.1	6535.3	4173.8	2719.6	1851.7	1322.8	1029.2	848.6	714.6	611.6	532.4
7.5°	11940.0	7699.3	4793.4	3011.3	2029.4	1425.4	1080.7	882.0	741.7	631.2	548.3
5°	13334.4	8587.8	5317.5	3277.4	2163.0	1503.7	1120.9	905.9	762.8	646.8	560.9
2.5°	14269.9	9206.6	5646.5	3460.6	2245.7	1563.7	1153.2	928.3	779.2	662.7	574.9
0°	14561.9	9268.4	5898.6	3573.6	2299.6	1618.0	1178.5	949.1	789.9	675.2	586.0
-2.5°	14651.0	9374.6	5873.4	3598.3	2318.1	1647.0	1189.2	953.0	798.2	680.0	587.6
-5°	14069.2	9100.0	5741.8	3573.1	2304.1	1646.5	1207.1	960.0	802.9	681.6	586.3
-7.5°	13046.8	8506.3	5397.1	3411.2	2237.4	1620.3	1220.0	969.0	807.3	686.6	590.8
-10°	11492.0	7553.9	4861.1	3139.6	2126.2	1569.9	1208.2	964.1	804.5	685.8	591.8
-12.5°	9927.9	6487.0	4167.1	2759.1	1944.7	1476.9	1162.7	944.4	794.4	678.7	589.1
-15°	7941.7	5429.5	3652.5	2498.2	1781.2	1376.6	1105.2	913.4	777.4	666.1	582.4
-17.5°	6378.7	4404.6	2991.6	2142.6	1623.6	1288.5	1060.5	888.3	757.3	653.3	573.4
-20°	4906.9	3469.2	2533.0	1885.2	1461.4	1180.0	999.8	851.4	734.2	640.0	564.8



REPORT NUMBER: P627638 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-735-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3697.9	2809.6	2102.3	1620.4	1310.2	1096.1	939.2	810.3	706.2	621.0	553.6
-25°	2873.2	2240.9	1758.3	1431.3	1176.9	1003.7	882.9	777.7	684.0	602.1	540.2
-27.5°	2272.3	1819.6	1509.1	1255.4	1068.8	941.0	837.2	743.9	660.1	587.9	526.6
-30°	1840.0	1546.1	1306.8	1116.7	983.6	876.8	793.2	715.1	637.8	569.6	512.0
-32.5°	1507.3	1326.7	1146.8	1010.3	899.9	818.0	750.0	684.1	610.5	550.8	496.6
-35°	1290.6	1159.3	1031.5	922.7	829.5	767.1	706.6	645.0	585.1	529.6	479.1
-37.5°	1139.8	1032.6	936.4	848.7	779.4	720.6	667.5	613.1	558.7	507.7	461.1
-40°	1022.3	931.2	855.3	788.6	733.1	682.8	634.5	584.3	535.8	484.8	441.7
-42.5°	926.3	854.4	788.7	737.5	690.4	647.5	605.0	561.2	513.7	465.3	419.9
-45°	847.2	790.6	735.6	690.2	650.0	614.0	581.3	537.6	491.1	442.7	396.6
-47.5°	780.8	734.1	688.2	645.9	612.7	581.5	550.0	511.3	462.6	417.0	377.8
-50°	721.9	684.2	645.4	606.5	577.3	548.7	515.5	475.1	433.1	395.6	358.6
-52.5°	674.4	640.4	606.6	573.9	545.4	515.4	479.8	445.0	409.2	373.9	339.8
-55°	626.4	598.8	571.6	544.7	517.9	486.9	454.2	419.5	384.4	351.4	316.6
-57.5°	588.6	563.2	538.8	514.4	490.4	459.8	426.4	392.5	356.3	323.0	290.3
-60°	548.5	526.4	502.2	478.6	455.9	428.7	392.5	357.6	324.1	292.5	261.0
-62.5°	498.6	477.1	456.0	433.2	409.3	382.4	349.5	317.3	288.3	260.8	232.5
-65°	441.2	421.4	401.1	378.6	353.6	325.9	297.9	274.3	251.9	228.6	203.6
-67.5°	382.5	364.7	343.8	321.2	299.6	277.4	257.2	237.0	216.1	194.7	172.3
-70°	329.4	315.1	298.2	278.5	258.0	237.1	218.0	199.2	179.8	161.8	144.6
-72.5°	278.6	265.5	250.1	232.2	214.1	196.7	180.4	165.1	150.0	135.1	119.8
-75°	226.9	216.0	203.8	189.2	174.6	159.9	146.5	134.1	121.4	108.3	95.4
-77.5°	178.9	170.8	162.0	150.5	139.1	127.6	116.3	105.1	94.6	84.7	75.7
-80°	135.3	129.2	122.5	113.4	104.2	95.0	86.1	78.5	71.3	64.8	58.4
-82.5°	94.2	89.4	84.5	78.0	71.5	65.1	58.9	54.2	49.7	45.3	41.0
-85°	56.6	54.0	51.2	47.6	44.0	40.7	37.6	35.0	32.4	29.7	27.0
-87.5°	27.0	25.0	23.1	22.6	22.1	21.5	20.9	18.9	17.1	15.2	13.5
-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: P627638 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-735-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.6	0.1	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.4	1.4	0.4
70°	0.0	0.0	0.0	0.6	0.6	0.0	0.0	0.9	2.4	2.7	2.0
67.5°	0.0	0.0	0.0	1.3	2.2	1.8	0.4	1.1	2.6	4.1	3.6
65°	2.2	1.5	0.1	1.7	3.2	4.2	3.1	1.9	2.8	4.3	5.3
62.5°	3.8	4.8	3.6	2.6	3.5	5.0	5.9	4.0	3.3	4.5	6.0
60°	4.2	5.8	6.5	5.1	4.5	5.4	6.4	5.9	4.6	4.8	6.2
57.5°	11.2	7.3	7.2	6.9	5.8	5.9	6.4	6.4	5.7	5.4	6.4
55°	20.8	15.2	10.7	8.6	7.2	6.3	6.6	6.4	6.4	5.9	6.4
52.5°	36.2	26.3	19.3	13.0	9.7	7.2	7.3	6.4	6.4	6.3	6.4
50°	57.7	41.4	30.4	21.9	13.6	10.6	8.3	7.4	6.4	6.4	6.4
47.5°	84.3	61.9	44.3	32.0	22.4	14.4	11.3	8.8	6.4	6.4	6.4
45°	104.0	86.4	61.7	44.7	31.5	21.7	15.3	10.5	7.9	6.6	6.4
42.5°	123.4	107.5	84.0	57.2	43.3	29.9	19.5	14.1	9.7	7.0	6.6
40°	148.2	128.2	105.3	78.0	56.2	38.1	26.5	18.1	11.7	8.1	7.1
37.5°	173.7	151.4	126.4	98.1	70.9	50.4	33.6	22.4	14.7	10.3	7.8
35°	202.4	175.6	147.3	117.2	88.3	63.2	40.4	27.5	18.7	12.7	8.5
32.5°	231.4	198.8	166.8	135.8	104.5	76.3	50.1	34.0	22.6	15.1	9.4
30°	259.5	221.8	184.7	153.5	120.0	90.2	62.2	41.2	26.4	17.7	10.6
27.5°	285.0	244.3	202.0	169.4	135.5	103.3	74.3	48.9	30.0	20.5	12.6
25°	311.7	267.2	221.9	183.5	150.1	116.5	85.6	57.1	35.3	23.5	14.7
22.5°	342.1	290.3	241.0	196.2	165.5	129.3	96.4	66.9	41.7	26.4	16.7
20°	374.6	313.1	260.2	214.2	179.9	142.6	107.1	75.9	48.2	29.2	18.8
17.5°	408.0	338.2	283.4	234.9	194.1	154.9	117.4	84.1	54.8	31.7	20.8
15°	430.7	363.3	304.3	254.2	208.4	166.3	127.0	91.5	61.2	34.1	22.8
12.5°	449.6	385.0	322.7	272.0	222.4	176.8	136.0	98.2	67.5	37.3	24.7
10°	466.4	403.2	338.8	288.3	236.0	186.2	144.3	104.1	73.3	41.4	26.5
7.5°	480.9	418.3	352.6	303.1	248.9	195.8	151.2	109.2	78.4	45.6	28.1
5°	493.0	431.2	364.1	312.7	260.9	205.8	157.0	113.8	82.7	49.7	29.5
2.5°	502.6	443.0	374.0	319.7	271.4	215.0	161.8	117.7	86.3	53.6	30.8
0°	509.6	452.3	382.2	324.9	280.3	223.0	165.6	121.0	89.2	57.3	31.9
-2.5°	514.2	453.8	391.0	330.9	285.6	229.6	173.4	125.1	91.6	60.6	33.8
-5°	516.2	453.6	397.6	335.5	289.5	234.9	179.8	128.5	93.4	63.4	35.5
-7.5°	519.0	455.7	401.1	339.1	292.1	239.0	184.8	131.0	94.8	65.6	37.1
-10°	520.1	457.9	402.0	343.6	294.2	242.0	188.1	132.6	95.8	67.3	38.5
-12.5°	518.6	457.7	401.8	346.1	295.2	243.7	189.8	135.1	96.7	68.4	39.6
-15°	514.5	455.0	400.8	346.4	295.0	244.4	190.3	137.4	98.7	68.6	40.6
-17.5°	508.2	449.7	399.3	344.3	293.8	244.0	189.7	138.4	99.7	68.1	41.6
-20°	501.9	444.9	397.2	339.7	291.6	242.7	188.1	138.2	99.7	67.1	42.4

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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Scaled Data Report



REPORT NUMBER: P627638 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-735-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	493.6	440.4	390.1	335.1	288.5	240.5	185.4	136.6	98.5	65.6	43.0
-25°	483.2	433.5	382.1	331.5	284.4	235.9	182.3	133.6	96.2	63.6	43.2
-27.5°	472.8	424.1	373.6	326.5	278.9	230.4	178.2	130.8	93.0	61.1	43.0
-30°	460.6	413.6	366.1	319.7	271.1	222.7	172.4	126.4	89.5	59.8	42.5
-32.5°	447.3	403.1	357.8	309.5	261.4	214.0	165.0	120.4	85.6	59.0	42.0
-35°	433.9	391.3	347.6	296.7	250.9	204.7	157.4	112.8	81.0	57.8	41.5
-37.5°	418.1	376.7	331.2	282.9	239.8	194.7	150.3	108.4	75.9	56.1	40.7
-40°	400.2	358.8	312.4	270.1	228.0	184.0	142.7	104.4	72.7	54.0	39.7
-42.5°	380.1	338.8	297.3	256.9	215.7	175.0	134.8	99.4	71.2	52.3	38.6
-45°	359.4	320.7	283.2	243.3	203.3	165.5	128.2	94.0	69.0	50.8	37.4
-47.5°	340.2	305.4	267.8	228.7	192.4	155.8	120.5	90.4	66.0	49.0	36.1
-50°	323.8	288.5	251.0	214.0	179.7	145.9	112.5	85.7	63.5	47.2	34.6
-52.5°	305.0	269.3	232.6	197.6	166.2	134.9	105.7	80.1	60.0	44.8	32.7
-55°	282.6	247.3	212.2	181.5	152.1	124.4	97.6	74.3	55.6	42.2	30.6
-57.5°	256.5	222.2	193.4	165.5	137.9	112.7	88.7	67.4	51.5	39.1	28.1
-60°	229.7	201.9	175.6	148.3	122.9	100.0	78.5	60.4	47.4	35.8	25.4
-62.5°	205.8	180.5	154.5	129.5	107.4	86.8	68.1	54.9	42.9	32.1	22.4
-65°	179.1	155.0	131.8	111.3	91.6	74.3	61.1	49.1	38.0	28.1	19.8
-67.5°	150.2	131.0	111.5	92.9	78.3	65.6	53.7	42.8	32.8	23.8	18.1
-70°	127.0	109.0	93.0	79.8	67.7	56.3	45.8	36.1	27.3	21.3	16.3
-72.5°	104.8	90.9	78.3	67.0	56.5	46.7	37.5	29.6	23.7	18.6	14.4
-75°	83.5	73.5	63.5	53.8	44.9	36.8	30.8	24.9	20.0	15.8	12.6
-77.5°	66.9	57.9	48.8	41.9	36.5	30.9	25.3	20.0	16.6	13.7	10.8
-80°	51.5	45.2	39.8	35.0	30.0	24.9	20.6	16.9	14.3	11.7	9.1
-82.5°	37.0	33.7	30.8	28.0	24.1	20.5	17.2	14.3	11.9	9.6	7.1
-85°	25.2	23.6	22.2	20.9	18.3	15.8	13.1	10.7	8.5	6.5	4.8
-87.5°	12.9	12.3	11.6	10.9	9.4	7.9	6.6	5.4	4.3	3.3	2.4
-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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CATALOG NUMBER: GFLD-SA5C-735-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.3	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.4	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.6	0.0
77.5°	0.1	0.1	0.0	0.0	0.1	0.7	0.0
75°	0.2	0.5	0.1	0.0	0.1	0.9	0.0
72.5°	0.3	1.0	0.7	0.0	0.2	1.0	0.0
70°	0.7	1.4	1.3	0.1	0.3	1.2	0.0
67.5°	2.3	2.0	1.9	0.7	0.4	1.3	0.0
65°	3.7	2.7	2.6	1.4	0.5	1.5	0.0
62.5°	5.0	3.6	3.3	2.0	0.7	1.6	0.0
60°	6.3	4.5	4.0	2.7	0.9	1.8	0.0
57.5°	6.4	5.2	4.5	3.4	1.4	2.0	0.0
55°	6.4	5.9	4.9	4.1	1.9	2.2	0.0
52.5°	6.4	6.4	5.3	4.8	2.4	2.3	0.0
50°	6.4	6.4	5.6	5.5	2.9	2.5	0.0
47.5°	6.4	6.4	5.9	6.1	3.3	2.7	0.0
45°	6.4	6.4	6.2	6.2	3.7	2.9	0.0
42.5°	6.4	6.4	6.3	6.4	4.1	3.1	0.0
40°	6.4	6.4	6.4	6.4	4.5	3.3	0.0
37.5°	6.4	6.4	6.4	6.4	4.8	3.5	0.0
35°	6.4	6.4	6.4	6.4	5.1	3.7	0.0
32.5°	6.6	6.4	6.4	6.4	5.3	3.9	0.0
30°	7.2	6.4	6.4	6.4	5.5	4.2	0.0
27.5°	7.9	6.4	6.4	6.4	5.7	4.4	0.0
25°	8.7	6.4	6.4	6.4	5.9	4.6	0.0
22.5°	9.5	6.5	6.4	6.4	6.0	4.8	0.0
20°	10.3	7.0	6.4	6.4	6.1	5.0	0.0
17.5°	11.4	7.5	6.4	6.4	6.2	5.2	0.0
15°	12.7	8.2	6.4	6.4	6.3	5.4	0.0
12.5°	13.9	8.9	6.4	6.4	6.3	5.6	0.0
10°	15.1	9.7	6.4	6.4	6.4	5.8	0.0
7.5°	16.2	10.4	6.4	6.4	6.4	5.9	0.0
5°	17.2	11.2	6.4	6.4	6.4	6.1	0.0
2.5°	18.2	12.0	6.4	6.4	6.4	6.3	0.0
0°	19.1	12.7	6.4	6.4	6.4	6.4	0.0
-2.5°	20.8	13.4	7.0	6.4	6.4	6.4	0.0
-5°	22.3	14.0	7.5	6.4	6.4	6.4	0.0
-7.5°	23.8	14.5	8.0	6.4	6.4	6.3	0.0
-10°	25.0	15.0	8.5	6.4	6.4	6.3	0.0
-12.5°	26.0	15.5	8.9	6.4	6.4	6.2	0.0
-15°	26.9	15.8	9.2	6.4	6.4	6.2	0.0
-17.5°	27.4	16.1	9.5	6.4	6.4	6.1	0.0
-20°	27.8	16.3	9.7	6.4	6.4	6.0	0.0

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CATALOG NUMBER: GFLD-SA5C-735-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	28.1	16.4	9.8	6.4	6.4	5.9	0.0
-25°	28.3	16.9	9.7	6.4	6.4	5.8	0.0
-27.5°	28.3	17.3	9.6	6.4	6.4	5.7	0.0
-30°	28.1	17.6	9.4	6.4	6.4	5.5	0.0
-32.5°	27.8	17.7	9.3	6.4	6.4	5.4	0.0
-35°	27.7	17.7	9.2	6.4	6.4	5.2	0.0
-37.5°	27.6	17.5	9.0	6.4	6.4	5.1	0.0
-40°	27.3	17.2	8.7	6.4	6.4	4.9	0.0
-42.5°	26.7	16.6	8.6	6.5	6.4	4.7	0.0
-45°	25.9	16.0	8.8	6.6	6.4	4.5	0.0
-47.5°	24.8	15.1	9.0	6.8	6.4	4.3	0.0
-50°	23.6	14.1	9.1	6.8	6.4	4.1	0.0
-52.5°	22.1	13.0	9.1	6.9	6.4	3.9	0.0
-55°	20.4	12.6	9.0	6.9	6.4	3.7	0.0
-57.5°	18.5	12.3	8.9	6.9	6.4	3.4	0.0
-60°	16.5	11.9	8.7	6.9	6.4	3.2	0.0
-62.5°	15.7	11.4	8.5	6.8	5.9	3.0	0.0
-65°	14.7	10.8	8.2	6.7	5.4	2.7	0.0
-67.5°	13.6	10.1	7.8	6.6	4.9	2.4	0.0
-70°	12.3	9.4	7.4	6.4	4.4	2.2	0.0
-72.5°	11.0	8.6	7.0	5.8	3.8	1.9	0.0
-75°	9.6	7.7	6.5	5.0	3.3	1.7	0.0
-77.5°	8.1	6.7	5.5	4.1	2.8	1.4	0.0
-80°	6.6	5.5	4.4	3.3	2.2	1.1	0.0
-82.5°	5.0	4.1	3.3	2.5	1.7	0.8	0.0
-85°	3.3	2.8	2.2	1.7	1.1	0.6	0.0
-87.5°	1.7	1.4	1.1	0.8	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)