

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: P627169 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3C-740-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627169 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3C-740-U-NR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N74
Light Source: (48) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

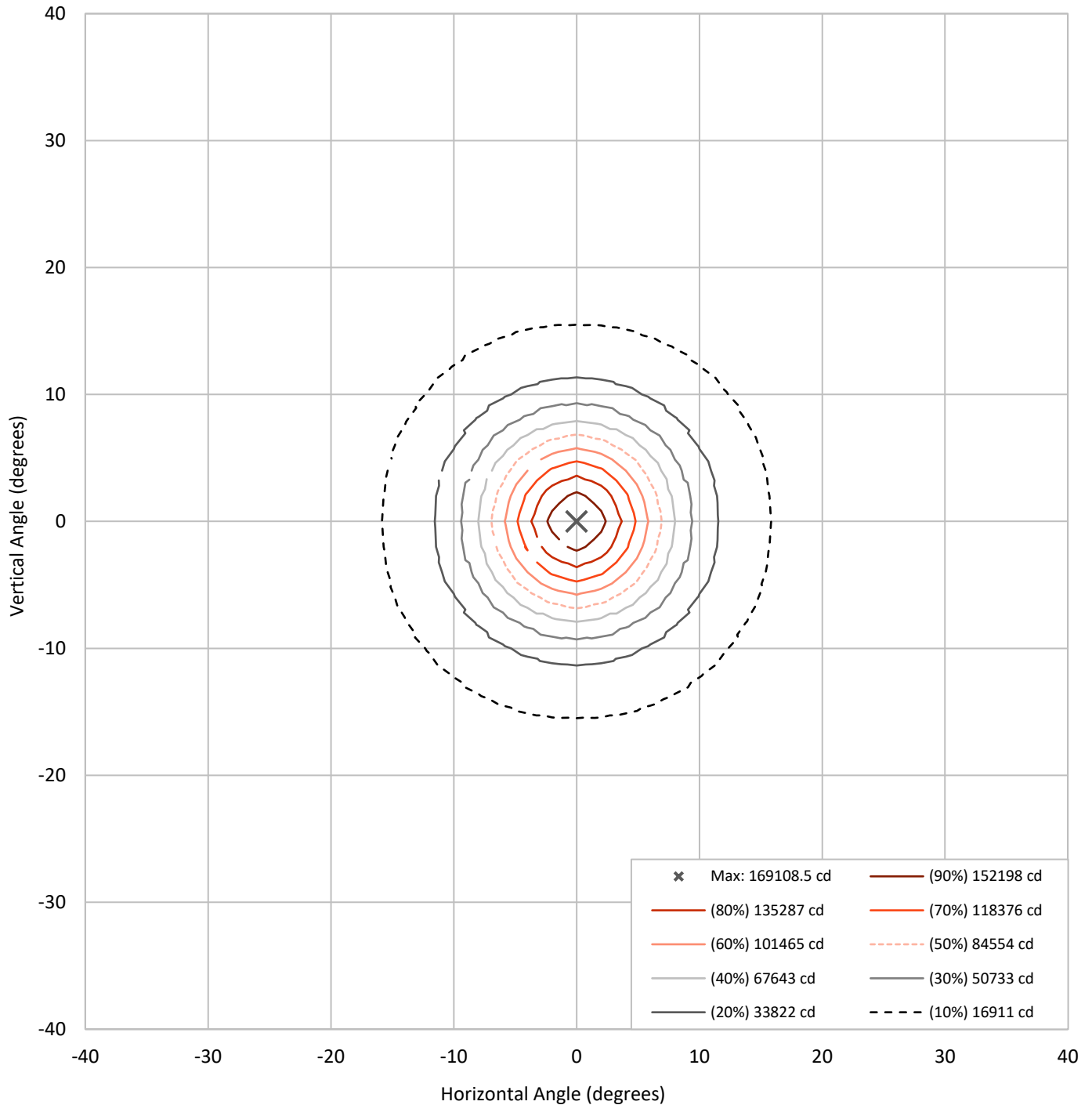
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	17956.8 lumens	Max Intensity:	169108.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	147.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	13.7°H x 13.6°V	Field Angle (10%):	31.6°H x 30.6°V
Beam Lumens:	5309 lumens	Field Lumens:	11947.5 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	121.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





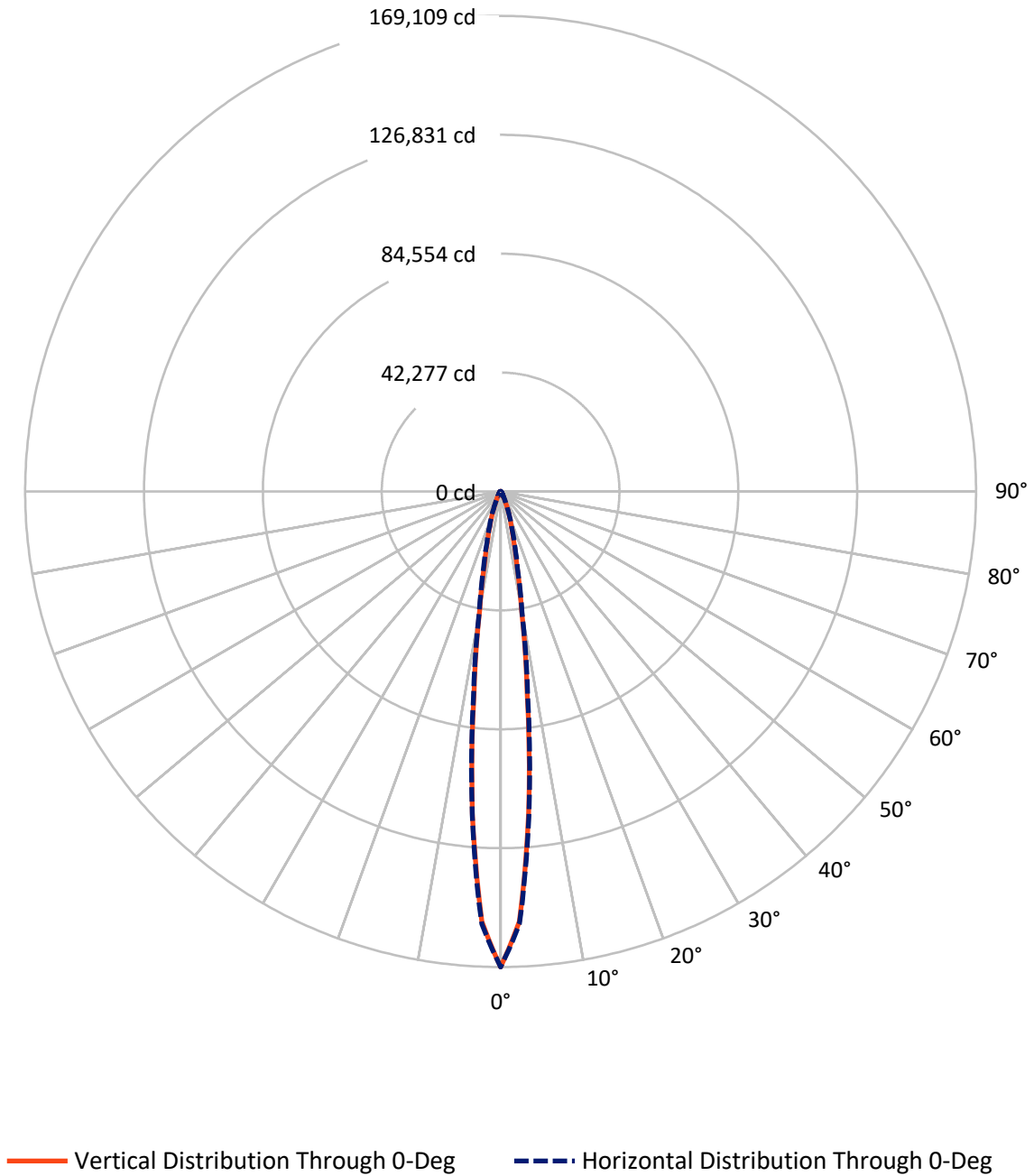
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Lumen Table

90	0.3	2.5		6.5		10.5		11.4		10.5		6.5		2.5		0.3			
80	0.3	2.5		6.5		10.5		11.4		10.5		6.5		2.5		0.3			
70	1.1	1.3	2.6	4.3	6.0	7.4	8.3	8.7	8.7	8.3	7.4	6.0	4.3	2.6	1.3	1.1			
60		1.9	3.9	6.3	8.5	10.4	11.6	12.1	12.1	11.6	10.4	8.5	6.3	3.9	1.9				
50	2.0	2.5	5.0	7.8	10.4	13.0	15.4	16.6	16.6	15.4	13.0	10.4	7.8	5.0	2.5	2.0			
40		3.0	5.9	9.0	12.8	18.4	25.9	32.0	32.0	25.9	18.4	12.8	9.0	5.9	3.0				
30	2.5	3.4	6.5	10.2	16.5	32.8	74.7	123.7	123.7	74.7	32.8	16.5	10.2	6.5	3.4	2.5			
20		3.6	6.8	11.2	21.9	69.7	247.4	532.8	532.8	247.4	69.7	21.9	11.2	6.8	3.6				
10	2.7	3.8	7.0	11.9	26.5	114.8	537.8	2323.1	2323.1	537.8	114.8	26.5	11.9	7.0	3.8	2.7			
0		3.8	7.0	11.9	26.5	114.8	537.8	2323.1	2323.1	537.8	114.8	26.5	11.9	7.0	3.8				
-10	2.5	3.6	6.8	11.2	21.9	69.7	247.4	532.8	532.8	247.4	69.7	21.9	11.2	6.8	3.6	2.5			
-20		3.4	6.5	10.2	16.5	32.8	74.7	123.7	123.7	74.7	32.8	16.5	10.2	6.5	3.4				
-30	2.0	3.0	5.9	9.0	12.8	18.4	25.9	32.0	32.0	25.9	18.4	12.8	9.0	5.9	3.0	2.0			
-40		2.5	5.0	7.8	10.4	13.0	15.4	16.6	16.6	15.4	13.0	10.4	7.8	5.0	2.5				
-50	1.1	1.9	3.9	6.3	8.5	10.4	11.6	12.1	12.1	11.6	10.4	8.5	6.3	3.9	1.9	1.1			
-60		1.3	2.6	4.3	6.0	7.4	8.3	8.7	8.7	8.3	7.4	6.0	4.3	2.6	1.3				
-70	0.3	2.5		6.5		10.5		11.4		10.5		6.5		2.5		0.3			
-80		2.5		6.5		10.5		11.4		10.5		6.5		2.5					
-90	0.3	2.5		6.5		10.5		11.4		10.5		6.5		2.5		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

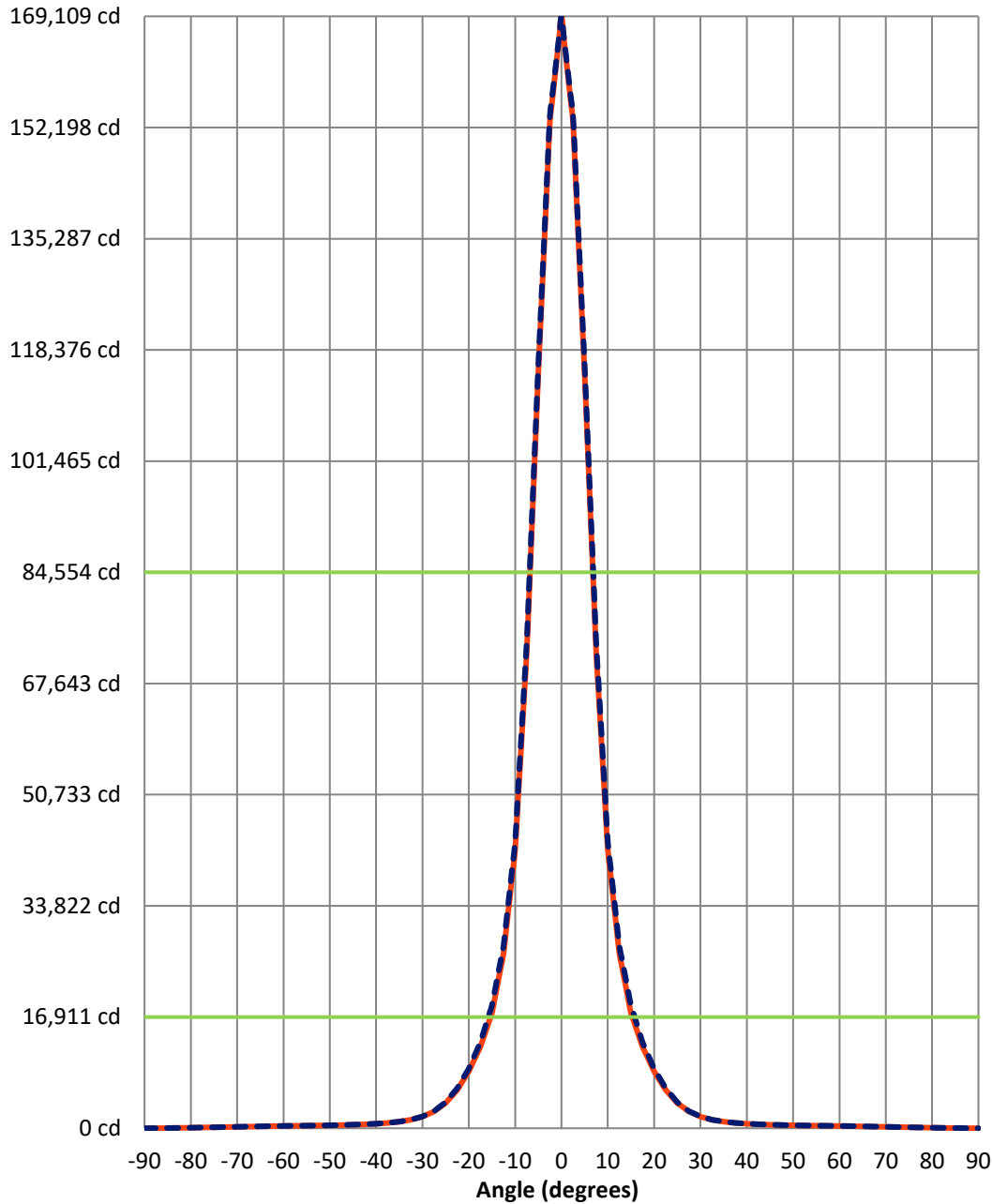
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 5309
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 11947.5
 Efficiency: 66.5%

Spill:
 Lumens: 6009.3
 Efficiency: 33.5%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through 0-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.6	1.3	1.9	2.5	3.1	3.8	4.4	5.0	5.5	6.1
85°	0.0	1.1	2.5	3.8	5.0	6.3	7.5	8.7	9.9	11.1	12.2
82.5°	0.0	1.7	3.8	5.7	7.5	9.4	11.2	13.0	15.0	17.7	20.2
80°	0.0	2.2	5.0	7.5	10.0	12.5	15.2	18.8	22.4	25.9	29.3
77.5°	0.0	2.7	6.2	9.4	12.5	16.0	20.6	25.2	29.6	34.0	38.7
75°	0.0	3.3	7.4	11.2	15.1	20.4	26.0	31.5	37.0	43.2	49.2
72.5°	0.0	3.8	8.6	13.0	18.4	24.6	31.4	38.1	45.4	52.5	59.6
70°	0.0	4.3	9.8	14.9	21.6	28.8	36.7	45.4	53.7	61.8	71.0
67.5°	0.0	4.8	10.9	17.2	24.8	32.9	42.8	52.5	61.8	72.3	82.6
65°	0.0	5.3	12.0	19.5	27.9	37.4	48.7	59.6	71.0	82.6	94.7
62.5°	0.0	5.8	13.0	21.6	30.9	42.3	54.5	67.2	80.0	93.1	108.3
60°	0.0	6.2	14.0	23.8	33.8	47.0	60.2	74.9	88.8	104.7	121.5
57.5°	0.0	6.7	15.3	25.8	37.4	51.7	66.5	82.4	98.5	116.1	134.3
55°	0.0	7.1	16.6	27.8	41.0	56.2	72.7	89.6	108.0	127.0	146.6
52.5°	0.0	7.5	17.8	29.7	44.5	60.6	78.7	97.4	117.2	137.5	158.4
50°	0.0	7.9	19.1	31.5	47.9	65.4	84.5	105.0	126.0	147.5	169.7
47.5°	0.0	8.3	20.2	33.4	51.1	70.1	90.1	112.4	134.4	157.0	180.8
45°	0.0	8.6	21.4	35.7	54.2	74.5	96.2	119.4	142.5	166.8	191.6
42.5°	0.0	8.9	22.5	37.9	57.2	78.8	101.9	126.2	150.2	176.2	202.2
40°	0.0	9.2	23.5	40.1	60.2	82.8	107.4	132.6	157.8	185.4	212.5
37.5°	0.0	9.5	24.5	42.2	63.3	86.7	112.6	138.7	165.4	193.9	222.4
35°	0.0	9.8	25.5	44.2	66.1	90.6	117.6	144.4	172.5	202.0	232.0
32.5°	0.0	10.0	26.4	46.0	68.8	94.4	122.2	149.8	178.9	209.5	240.3
30°	0.0	10.2	27.3	47.7	71.3	98.0	126.4	154.9	184.9	216.5	247.8
27.5°	0.0	10.4	28.1	49.3	73.8	101.2	130.4	159.7	190.4	223.0	254.6
25°	0.0	10.6	28.8	50.8	76.0	104.2	134.0	164.1	195.6	228.6	260.6
22.5°	0.0	10.7	29.5	52.2	78.1	106.9	137.3	167.9	200.2	233.5	265.8
20°	0.0	10.8	30.1	53.4	79.9	109.3	140.2	171.3	204.4	237.7	270.5
17.5°	0.0	10.9	30.7	54.5	81.6	111.3	142.7	174.2	208.0	241.3	274.7
15°	0.0	11.0	31.2	55.4	83.0	112.9	144.6	176.7	211.0	244.2	278.3
12.5°	0.0	11.0	31.6	56.2	84.2	114.2	146.2	179.1	213.6	246.4	281.3
10°	0.0	11.0	32.0	56.8	85.2	115.2	147.5	181.1	215.5	248.8	284.2
7.5°	0.0	11.0	32.2	57.3	86.0	115.8	148.3	182.7	216.9	250.8	287.6
5°	0.0	11.0	32.4	57.7	86.6	116.1	148.8	183.8	217.6	252.3	290.3
2.5°	0.0	11.0	32.6	57.9	86.9	116.2	148.9	184.6	217.8	253.3	292.3
0°	0.0	10.9	32.6	58.0	87.0	115.9	148.6	184.8	217.4	253.6	293.5
-2.5°	0.0	11.0	32.6	57.9	86.9	116.2	148.9	184.6	217.8	253.3	292.3
-5°	0.0	11.0	32.4	57.7	86.6	116.1	148.8	183.8	217.6	252.3	290.3
-7.5°	0.0	11.0	32.2	57.3	86.0	115.8	148.3	182.7	216.9	250.8	287.6
-10°	0.0	11.0	32.0	56.8	85.2	115.2	147.5	181.1	215.5	248.8	284.2
-12.5°	0.0	11.0	31.6	56.2	84.2	114.2	146.2	179.1	213.6	246.4	281.3
-15°	0.0	11.0	31.2	55.4	83.0	112.9	144.6	176.7	211.0	244.2	278.3
-17.5°	0.0	10.9	30.7	54.5	81.6	111.3	142.7	174.2	208.0	241.3	274.7
-20°	0.0	10.8	30.1	53.4	79.9	109.3	140.2	171.3	204.4	237.7	270.5

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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	10.7	29.5	52.2	78.1	106.9	137.3	167.9	200.2	233.5	265.8
-25°	0.0	10.6	28.8	50.8	76.0	104.2	134.0	164.1	195.6	228.6	260.6
-27.5°	0.0	10.4	28.1	49.3	73.8	101.2	130.4	159.7	190.4	223.0	254.6
-30°	0.0	10.2	27.3	47.7	71.3	98.0	126.4	154.9	184.9	216.5	247.8
-32.5°	0.0	10.0	26.4	46.0	68.8	94.4	122.2	149.8	178.9	209.5	240.3
-35°	0.0	9.8	25.5	44.2	66.1	90.6	117.6	144.4	172.5	202.0	232.0
-37.5°	0.0	9.5	24.5	42.2	63.3	86.7	112.6	138.7	165.4	193.9	222.4
-40°	0.0	9.2	23.5	40.1	60.2	82.8	107.4	132.6	157.8	185.4	212.5
-42.5°	0.0	8.9	22.5	37.9	57.2	78.8	101.9	126.2	150.2	176.2	202.2
-45°	0.0	8.6	21.4	35.7	54.2	74.5	96.2	119.4	142.5	166.8	191.6
-47.5°	0.0	8.3	20.2	33.4	51.1	70.1	90.1	112.4	134.4	157.0	180.8
-50°	0.0	7.9	19.1	31.5	47.9	65.4	84.5	105.0	126.0	147.5	169.7
-52.5°	0.0	7.5	17.8	29.7	44.5	60.6	78.7	97.4	117.2	137.5	158.4
-55°	0.0	7.1	16.6	27.8	41.0	56.2	72.7	89.6	108.0	127.0	146.6
-57.5°	0.0	6.7	15.3	25.8	37.4	51.7	66.5	82.4	98.5	116.1	134.3
-60°	0.0	6.2	14.0	23.8	33.8	47.0	60.2	74.9	88.8	104.7	121.5
-62.5°	0.0	5.8	13.0	21.6	30.9	42.3	54.5	67.2	80.0	93.1	108.3
-65°	0.0	5.3	12.0	19.5	27.9	37.4	48.7	59.6	71.0	82.6	94.7
-67.5°	0.0	4.8	10.9	17.2	24.8	32.9	42.8	52.5	61.8	72.3	82.6
-70°	0.0	4.3	9.8	14.9	21.6	28.8	36.7	45.4	53.7	61.8	71.0
-72.5°	0.0	3.8	8.6	13.0	18.4	24.6	31.4	38.1	45.4	52.5	59.6
-75°	0.0	3.3	7.4	11.2	15.1	20.4	26.0	31.5	37.0	43.2	49.2
-77.5°	0.0	2.7	6.2	9.4	12.5	16.0	20.6	25.2	29.6	34.0	38.7
-80°	0.0	2.2	5.0	7.5	10.0	12.5	15.2	18.8	22.4	25.9	29.3
-82.5°	0.0	1.7	3.8	5.7	7.5	9.4	11.2	13.0	15.0	17.7	20.2
-85°	0.0	1.1	2.5	3.8	5.0	6.3	7.5	8.7	9.9	11.1	12.2
-87.5°	0.0	0.6	1.3	1.9	2.5	3.1	3.8	4.4	5.0	5.5	6.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.7	7.2	7.8	8.3	8.8	9.3	9.8	10.3	10.7	11.1	11.5
85°	13.4	14.5	16.1	17.7	19.0	20.2	21.2	22.0	23.5	25.1	26.7
82.5°	22.8	25.3	27.7	30.1	31.7	33.0	34.2	36.1	39.3	42.4	45.2
80°	32.7	36.0	39.8	43.5	46.6	49.8	53.1	56.4	60.0	63.3	66.5
77.5°	43.7	48.5	53.3	57.9	62.4	67.4	72.1	76.7	81.1	85.3	89.3
75°	55.1	60.9	67.3	73.6	79.8	85.7	91.5	97.7	103.6	109.3	114.7
72.5°	67.2	74.9	82.5	89.8	97.7	105.5	113.0	120.3	127.3	134.7	142.5
70°	80.0	88.8	98.6	108.0	116.9	126.2	135.5	143.5	151.1	161.2	171.7
67.5°	93.2	105.1	116.1	126.8	138.6	149.5	159.0	169.2	180.0	191.8	202.1
65°	108.7	121.6	134.5	147.9	161.5	172.9	184.8	197.4	209.7	221.4	232.6
62.5°	124.0	138.6	153.4	168.0	182.1	195.8	210.1	224.1	237.6	251.2	263.2
60°	138.7	155.3	171.0	186.3	202.2	219.2	235.0	250.5	266.7	282.2	290.3
57.5°	153.0	170.7	187.1	204.3	222.9	242.1	258.7	276.4	290.3	300.9	311.4
55°	166.4	184.9	202.8	222.1	242.4	262.3	280.9	296.5	309.3	319.1	330.2
52.5°	179.0	198.4	217.9	239.0	260.6	281.8	301.2	315.9	327.4	337.4	347.8
50°	191.3	211.8	232.4	255.5	278.5	301.1	320.1	333.6	344.4	354.7	365.4
47.5°	203.4	224.9	247.1	271.7	296.7	318.5	336.5	348.8	359.8	371.9	383.6
45°	215.3	238.5	262.0	288.4	313.5	334.6	349.9	362.2	375.8	388.9	401.4
42.5°	227.0	251.9	277.4	304.8	329.1	348.1	362.3	376.9	391.5	405.4	419.5
40°	238.7	264.8	291.8	319.1	343.6	359.9	375.0	390.7	406.8	421.9	437.6
37.5°	249.9	276.9	304.8	332.4	354.5	371.1	386.9	404.1	421.1	437.6	458.0
35°	260.5	288.0	316.1	342.7	364.1	381.3	398.8	417.0	434.9	456.2	479.5
32.5°	270.0	297.9	326.4	351.2	372.1	390.7	410.3	429.4	450.8	474.9	502.9
30°	278.1	306.6	335.2	359.4	379.9	399.5	420.8	441.8	466.8	495.9	529.1
27.5°	285.1	314.4	342.2	366.5	387.3	406.7	429.2	455.7	484.4	517.1	556.0
25°	291.7	322.3	348.8	372.9	393.1	413.5	437.6	466.8	501.4	540.7	588.4
22.5°	298.0	329.8	355.5	379.0	397.7	419.7	446.8	478.7	516.3	562.3	620.4
20°	303.9	335.5	360.9	383.8	401.2	425.1	455.0	489.1	531.8	586.6	653.8
17.5°	309.4	340.3	365.1	386.6	405.7	430.9	462.2	497.5	545.2	608.7	684.5
15°	314.4	344.4	368.5	388.9	409.8	437.0	469.8	508.0	560.1	629.8	711.7
12.5°	318.8	347.7	371.0	390.7	413.0	442.0	476.5	518.9	576.1	650.5	746.2
10°	322.5	350.2	372.9	391.9	415.4	445.8	482.1	527.7	588.8	666.5	772.8
7.5°	325.7	352.2	374.1	392.6	417.0	448.5	486.4	534.5	597.7	677.9	791.9
5°	328.0	353.8	375.6	394.8	419.4	450.6	489.6	539.1	603.0	684.7	803.9
2.5°	329.3	354.8	376.5	397.0	422.1	452.3	492.0	544.2	607.2	691.3	813.0
0°	329.7	355.1	376.8	398.6	423.9	452.9	492.8	547.1	608.7	695.7	818.8
-2.5°	329.3	354.8	376.5	397.0	422.1	452.3	492.0	544.2	607.2	691.3	813.0
-5°	328.0	353.8	375.6	394.8	419.4	450.6	489.6	539.1	603.0	684.7	803.9
-7.5°	325.7	352.2	374.1	392.6	417.0	448.5	486.4	534.5	597.7	677.9	791.9
-10°	322.5	350.2	372.9	391.9	415.4	445.8	482.1	527.7	588.8	666.5	772.8
-12.5°	318.8	347.7	371.0	390.7	413.0	442.0	476.5	518.9	576.1	650.5	746.2
-15°	314.4	344.4	368.5	388.9	409.8	437.0	469.8	508.0	560.1	629.8	711.7
-17.5°	309.4	340.3	365.1	386.6	405.7	430.9	462.2	497.5	545.2	608.7	684.5
-20°	303.9	335.5	360.9	383.8	401.2	425.1	455.0	489.1	531.8	586.6	653.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627169 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-740-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°	298.0	329.8	355.5	379.0	397.7	419.7	446.8	478.7	516.3	562.3	620.4
-25°	291.7	322.3	348.8	372.9	393.1	413.5	437.6	466.8	501.4	540.7	588.4
-27.5°	285.1	314.4	342.2	366.5	387.3	406.7	429.2	455.7	484.4	517.1	556.0
-30°	278.1	306.6	335.2	359.4	379.9	399.5	420.8	441.8	466.8	495.9	529.1
-32.5°	270.0	297.9	326.4	351.2	372.1	390.7	410.3	429.4	450.8	474.9	502.9
-35°	260.5	288.0	316.1	342.7	364.1	381.3	398.8	417.0	434.9	456.2	479.5
-37.5°	249.9	276.9	304.8	332.4	354.5	371.1	386.9	404.1	421.1	437.6	458.0
-40°	238.7	264.8	291.8	319.1	343.6	359.9	375.0	390.7	406.8	421.9	437.6
-42.5°	227.0	251.9	277.4	304.8	329.1	348.1	362.3	376.9	391.5	405.4	419.5
-45°	215.3	238.5	262.0	288.4	313.5	334.6	349.9	362.2	375.8	388.9	401.4
-47.5°	203.4	224.9	247.1	271.7	296.7	318.5	336.5	348.8	359.8	371.9	383.6
-50°	191.3	211.8	232.4	255.5	278.5	301.1	320.1	333.6	344.4	354.7	365.4
-52.5°	179.0	198.4	217.9	239.0	260.6	281.8	301.2	315.9	327.4	337.4	347.8
-55°	166.4	184.9	202.8	222.1	242.4	262.3	280.9	296.5	309.3	319.1	330.2
-57.5°	153.0	170.7	187.1	204.3	222.9	242.1	258.7	276.4	290.3	300.9	311.4
-60°	138.7	155.3	171.0	186.3	202.2	219.2	235.0	250.5	266.7	282.2	290.3
-62.5°	124.0	138.6	153.4	168.0	182.1	195.8	210.1	224.1	237.6	251.2	263.2
-65°	108.7	121.6	134.5	147.9	161.5	172.9	184.8	197.4	209.7	221.4	232.6
-67.5°	93.2	105.1	116.1	126.8	138.6	149.5	159.0	169.2	180.0	191.8	202.1
-70°	80.0	88.8	98.6	108.0	116.9	126.2	135.5	143.5	151.1	161.2	171.7
-72.5°	67.2	74.9	82.5	89.8	97.7	105.5	113.0	120.3	127.3	134.7	142.5
-75°	55.1	60.9	67.3	73.6	79.8	85.7	91.5	97.7	103.6	109.3	114.7
-77.5°	43.7	48.5	53.3	57.9	62.4	67.4	72.1	76.7	81.1	85.3	89.3
-80°	32.7	36.0	39.8	43.5	46.6	49.8	53.1	56.4	60.0	63.3	66.5
-82.5°	22.8	25.3	27.7	30.1	31.7	33.0	34.2	36.1	39.3	42.4	45.2
-85°	13.4	14.5	16.1	17.7	19.0	20.2	21.2	22.0	23.5	25.1	26.7
-87.5°	6.7	7.2	7.8	8.3	8.8	9.3	9.8	10.3	10.7	11.1	11.5
-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: P627169 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-740-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°	11.9	12.2	12.6	12.9	13.1	13.4	13.6	13.8	14.0	13.3	12.5
85°	28.3	29.4	30.4	31.3	32.1	32.9	33.6	34.2	34.7	34.3	33.8
82.5°	47.7	49.6	51.3	52.9	54.4	55.8	57.0	58.1	59.0	58.9	58.7
80°	69.5	72.6	75.7	78.8	81.8	83.6	85.0	86.0	86.7	87.0	87.1
77.5°	93.4	98.2	103.2	108.1	112.9	115.7	117.7	119.3	120.7	120.9	120.7
75°	119.8	126.0	132.8	138.8	144.0	147.2	149.4	151.3	152.8	153.2	153.0
72.5°	150.6	158.2	164.3	169.4	173.8	177.2	180.0	182.3	184.2	185.0	185.2
70°	180.8	188.4	194.3	199.4	203.7	207.3	210.5	213.4	215.7	217.4	218.7
67.5°	211.5	220.2	226.1	230.8	234.5	238.2	242.6	246.4	249.6	251.8	252.8
65°	243.0	251.9	257.7	262.8	267.3	272.0	276.9	280.5	282.9	284.3	285.3
62.5°	273.5	281.8	289.1	295.8	302.2	307.6	311.0	314.0	316.6	318.8	320.4
60°	299.7	310.3	318.4	324.9	331.2	337.3	341.5	344.7	347.3	349.2	350.3
57.5°	322.0	332.8	342.4	348.7	355.5	362.8	367.6	370.4	373.0	375.2	376.2
55°	341.5	351.5	360.4	368.9	376.6	383.2	388.3	392.0	395.2	397.6	398.5
52.5°	359.1	370.0	380.4	389.5	397.0	403.3	408.3	413.0	416.5	418.9	420.0
50°	377.6	389.3	400.4	410.3	418.1	425.2	431.5	436.9	442.1	446.2	449.2
47.5°	395.8	408.2	420.5	431.4	440.8	451.0	460.1	467.9	475.5	481.6	485.8
45°	414.1	428.5	441.8	455.9	468.5	481.9	494.3	505.0	516.0	524.4	530.0
42.5°	434.4	450.8	466.8	484.4	501.6	519.0	537.9	554.7	567.6	579.8	589.6
40°	456.2	474.9	495.9	517.5	542.8	565.8	591.1	612.8	632.4	653.2	669.7
37.5°	479.5	502.9	530.4	559.2	592.0	623.5	656.5	689.0	717.3	750.7	776.2
35°	505.2	536.4	570.3	609.3	650.2	695.2	740.4	792.6	837.5	886.9	930.0
32.5°	535.6	572.9	617.4	668.9	721.3	789.7	853.6	936.7	1008.5	1087.0	1165.9
30°	566.9	615.6	673.0	737.9	821.2	915.3	1020.1	1143.7	1271.2	1394.4	1543.2
27.5°	605.7	664.4	734.0	828.7	951.4	1078.5	1258.8	1444.4	1678.6	1872.4	2145.5
25°	646.0	715.1	813.9	942.8	1102.9	1323.6	1597.1	1893.7	2305.8	2667.9	3092.6
22.5°	689.8	783.2	906.1	1065.2	1308.0	1646.6	2060.9	2619.1	3227.1	3872.4	4514.4
20°	735.5	848.4	1009.6	1240.2	1573.3	2032.0	2743.1	3604.9	4473.4	5538.3	6481.3
17.5°	788.4	932.2	1130.7	1419.1	1863.6	2566.3	3552.8	4755.9	6103.2	7634.3	8993.8
15°	832.5	1003.9	1254.5	1657.9	2269.4	3171.7	4415.8	6070.9	8095.5	10151.9	12238.2
12.5°	883.7	1082.0	1376.2	1857.3	2625.3	3824.4	5517.9	7612.8	10141.3	12993.5	16356.0
10°	929.2	1158.6	1524.3	2119.9	3058.4	4505.2	6560.5	9080.7	12343.8	16447.5	21654.5
7.5°	962.8	1219.6	1638.7	2319.7	3432.9	5159.7	7545.5	10688.2	14834.5	20253.4	27399.6
5°	984.7	1263.7	1719.6	2473.9	3726.0	5646.8	8267.3	11828.3	16830.5	24494.7	36595.8
2.5°	997.8	1289.8	1765.8	2564.3	3904.2	5969.6	8816.6	12690.4	18124.0	27115.8	42510.7
0°	1003.6	1297.1	1793.5	2612.3	3963.8	6094.2	9068.8	13083.3	18702.9	27728.2	43550.7
-2.5°	997.8	1289.8	1765.8	2564.3	3904.2	5969.6	8816.6	12690.4	18124.0	27115.8	42510.7
-5°	984.7	1263.7	1719.6	2473.9	3726.0	5646.8	8267.3	11828.3	16830.5	24494.7	36595.8
-7.5°	962.8	1219.6	1638.7	2319.7	3432.9	5159.7	7545.5	10688.2	14834.5	20253.4	27399.6
-10°	929.2	1158.6	1524.3	2119.9	3058.4	4505.2	6560.5	9080.7	12343.8	16447.5	21654.5
-12.5°	883.7	1082.0	1376.2	1857.3	2625.3	3824.4	5517.9	7612.8	10141.3	12993.5	16356.0
-15°	832.5	1003.9	1254.5	1657.9	2269.4	3171.7	4415.8	6070.9	8095.5	10151.9	12238.2
-17.5°	788.4	932.2	1130.7	1419.1	1863.6	2566.3	3552.8	4755.9	6103.2	7634.3	8993.8
-20°	735.5	848.4	1009.6	1240.2	1573.3	2032.0	2743.1	3604.9	4473.4	5538.3	6481.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627169 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-740-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	689.8	783.2	906.1	1065.2	1308.0	1646.6	2060.9	2619.1	3227.1	3872.4	4514.4
-25°	646.0	715.1	813.9	942.8	1102.9	1323.6	1597.1	1893.7	2305.8	2667.9	3092.6
-27.5°	605.7	664.4	734.0	828.7	951.4	1078.5	1258.8	1444.4	1678.6	1872.4	2145.5
-30°	566.9	615.6	673.0	737.9	821.2	915.3	1020.1	1143.7	1271.2	1394.4	1543.2
-32.5°	535.6	572.9	617.4	668.9	721.3	789.7	853.6	936.7	1008.5	1087.0	1165.9
-35°	505.2	536.4	570.3	609.3	650.2	695.2	740.4	792.6	837.5	886.9	930.0
-37.5°	479.5	502.9	530.4	559.2	592.0	623.5	656.5	689.0	717.3	750.7	776.2
-40°	456.2	474.9	495.9	517.5	542.8	565.8	591.1	612.8	632.4	653.2	669.7
-42.5°	434.4	450.8	466.8	484.4	501.6	519.0	537.9	554.7	567.6	579.8	589.6
-45°	414.1	428.5	441.8	455.9	468.5	481.9	494.3	505.0	516.0	524.4	530.0
-47.5°	395.8	408.2	420.5	431.4	440.8	451.0	460.1	467.9	475.5	481.6	485.8
-50°	377.6	389.3	400.4	410.3	418.1	425.2	431.5	436.9	442.1	446.2	449.2
-52.5°	359.1	370.0	380.4	389.5	397.0	403.3	408.3	413.0	416.5	418.9	420.0
-55°	341.5	351.5	360.4	368.9	376.6	383.2	388.3	392.0	395.2	397.6	398.5
-57.5°	322.0	332.8	342.4	348.7	355.5	362.8	367.6	370.4	373.0	375.2	376.2
-60°	299.7	310.3	318.4	324.9	331.2	337.3	341.5	344.7	347.3	349.2	350.3
-62.5°	273.5	281.8	289.1	295.8	302.2	307.6	311.0	314.0	316.6	318.8	320.4
-65°	243.0	251.9	257.7	262.8	267.3	272.0	276.9	280.5	282.9	284.3	285.3
-67.5°	211.5	220.2	226.1	230.8	234.5	238.2	242.6	246.4	249.6	251.8	252.8
-70°	180.8	188.4	194.3	199.4	203.7	207.3	210.5	213.4	215.7	217.4	218.7
-72.5°	150.6	158.2	164.3	169.4	173.8	177.2	180.0	182.3	184.2	185.0	185.2
-75°	119.8	126.0	132.8	138.8	144.0	147.2	149.4	151.3	152.8	153.2	153.0
-77.5°	93.4	98.2	103.2	108.1	112.9	115.7	117.7	119.3	120.7	120.9	120.7
-80°	69.5	72.6	75.7	78.8	81.8	83.6	85.0	86.0	86.7	87.0	87.1
-82.5°	47.7	49.6	51.3	52.9	54.4	55.8	57.0	58.1	59.0	58.9	58.7
-85°	28.3	29.4	30.4	31.3	32.1	32.9	33.6	34.2	34.7	34.3	33.8
-87.5°	11.9	12.2	12.6	12.9	13.1	13.4	13.6	13.8	14.0	13.3	12.5
-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: P627169 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-740-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°	11.7	10.9	10.9	10.9	10.9	10.9	11.7	12.5	13.3	14.0	13.8
85°	33.1	32.4	32.6	32.6	32.6	32.4	33.1	33.8	34.3	34.7	34.2
82.5°	58.3	57.7	57.9	58.0	57.9	57.7	58.3	58.7	58.9	59.0	58.1
80°	86.9	86.6	85.1	83.3	85.1	86.6	86.9	87.1	87.0	86.7	86.0
77.5°	120.1	119.1	117.6	115.9	117.6	119.1	120.1	120.7	120.9	120.7	119.3
75°	152.5	151.6	152.0	152.2	152.0	151.6	152.5	153.0	153.2	152.8	151.3
72.5°	184.8	184.1	184.6	184.8	184.6	184.1	184.8	185.2	185.0	184.2	182.3
70°	219.6	220.0	219.0	217.4	219.0	220.0	219.6	218.7	217.4	215.7	213.4
67.5°	253.1	252.7	251.7	250.0	251.7	252.7	253.1	252.8	251.8	249.6	246.4
65°	285.6	285.2	285.9	286.2	285.9	285.2	285.6	285.3	284.3	282.9	280.5
62.5°	321.3	321.3	320.5	318.8	320.5	321.3	321.3	320.4	318.8	316.6	314.0
60°	350.8	350.5	349.5	347.8	349.5	350.5	350.8	350.3	349.2	347.3	344.7
57.5°	376.5	376.1	375.0	373.2	375.0	376.1	376.5	376.2	375.2	373.0	370.4
55°	398.6	398.1	396.8	394.9	396.8	398.1	398.6	398.5	397.6	395.2	392.0
52.5°	420.2	419.8	419.9	420.3	419.9	419.8	420.2	420.0	418.9	416.5	413.0
50°	451.0	451.6	451.1	449.3	451.1	451.6	451.0	449.2	446.2	442.1	436.9
47.5°	487.9	488.1	487.2	485.5	487.2	488.1	487.9	485.8	481.6	475.5	467.9
45°	534.4	537.0	537.7	536.2	537.7	537.0	534.4	530.0	524.4	516.0	505.0
42.5°	597.3	601.4	602.6	601.4	602.6	601.4	597.3	589.6	579.8	567.6	554.7
40°	679.8	684.5	685.4	684.8	685.4	684.5	679.8	669.7	653.2	632.4	612.8
37.5°	794.1	805.6	811.0	811.6	811.0	805.6	794.1	776.2	750.7	717.3	689.0
35°	962.8	985.6	997.7	1003.6	997.7	985.6	962.8	930.0	886.9	837.5	792.6
32.5°	1225.7	1271.3	1296.6	1293.5	1296.6	1271.3	1225.7	1165.9	1087.0	1008.5	936.7
30°	1655.3	1735.0	1775.1	1764.5	1775.1	1735.0	1655.3	1543.2	1394.4	1271.2	1143.7
27.5°	2341.7	2485.7	2568.9	2558.0	2568.9	2485.7	2341.7	2145.5	1872.4	1678.6	1444.4
25°	3447.6	3710.4	3878.6	3837.0	3878.6	3710.4	3447.6	3092.6	2667.9	2305.8	1893.7
22.5°	5129.9	5575.0	5869.7	5833.3	5869.7	5575.0	5129.9	4514.4	3872.4	3227.1	2619.1
20°	7437.4	8115.0	8598.9	8663.0	8598.9	8115.0	7437.4	6481.3	5538.3	4473.4	3604.9
17.5°	10462.3	11536.7	12284.6	12409.4	12284.6	11536.7	10462.3	8993.8	7634.3	6103.2	4755.9
15°	14393.4	16149.5	17420.5	17525.3	17420.5	16149.5	14393.4	12238.2	10151.9	8095.5	6070.9
12.5°	19731.4	23263.4	25568.5	26583.3	25568.5	23263.4	19731.4	16356.0	12993.5	10141.3	7612.8
10°	27118.8	35231.6	40427.2	42380.4	40427.2	35231.6	27118.8	21654.5	16447.5	12343.8	9080.7
7.5°	39458.1	52195.4	66355.9	72391.3	66355.9	52195.4	39458.1	27399.6	20253.4	14834.5	10688.2
5°	53431.3	79866.3	105010.7	114829.6	105010.7	79866.3	53431.3	36595.8	24494.7	16830.5	11828.3
2.5°	68134.8	104981.3	139509.3	153012.5	139509.3	104981.3	68134.8	42510.7	27115.8	18124.0	12690.4
0°	73876.7	115978.1	153967.2	169108.5	153967.2	115978.1	73876.7	43550.7	27728.2	18702.9	13083.3
-2.5°	68134.8	104981.3	139509.3	153012.5	139509.3	104981.3	68134.8	42510.7	27115.8	18124.0	12690.4
-5°	53431.3	79866.3	105010.7	114829.6	105010.7	79866.3	53431.3	36595.8	24494.7	16830.5	11828.3
-7.5°	39458.1	52195.4	66355.9	72391.3	66355.9	52195.4	39458.1	27399.6	20253.4	14834.5	10688.2
-10°	27118.8	35231.6	40427.2	42380.4	40427.2	35231.6	27118.8	21654.5	16447.5	12343.8	9080.7
-12.5°	19731.4	23263.4	25568.5	26583.3	25568.5	23263.4	19731.4	16356.0	12993.5	10141.3	7612.8
-15°	14393.4	16149.5	17420.5	17525.3	17420.5	16149.5	14393.4	12238.2	10151.9	8095.5	6070.9
-17.5°	10462.3	11536.7	12284.6	12409.4	12284.6	11536.7	10462.3	8993.8	7634.3	6103.2	4755.9
-20°	7437.4	8115.0	8598.9	8663.0	8598.9	8115.0	7437.4	6481.3	5538.3	4473.4	3604.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627169 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-740-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°	5129.9	5575.0	5869.7	5833.3	5869.7	5575.0	5129.9	4514.4	3872.4	3227.1	2619.1
-25°	3447.6	3710.4	3878.6	3837.0	3878.6	3710.4	3447.6	3092.6	2667.9	2305.8	1893.7
-27.5°	2341.7	2485.7	2568.9	2558.0	2568.9	2485.7	2341.7	2145.5	1872.4	1678.6	1444.4
-30°	1655.3	1735.0	1775.1	1764.5	1775.1	1735.0	1655.3	1543.2	1394.4	1271.2	1143.7
-32.5°	1225.7	1271.3	1296.6	1293.5	1296.6	1271.3	1225.7	1165.9	1087.0	1008.5	936.7
-35°	962.8	985.6	997.7	1003.6	997.7	985.6	962.8	930.0	886.9	837.5	792.6
-37.5°	794.1	805.6	811.0	811.6	811.0	805.6	794.1	776.2	750.7	717.3	689.0
-40°	679.8	684.5	685.4	684.8	685.4	684.5	679.8	669.7	653.2	632.4	612.8
-42.5°	597.3	601.4	602.6	601.4	602.6	601.4	597.3	589.6	579.8	567.6	554.7
-45°	534.4	537.0	537.7	536.2	537.7	537.0	534.4	530.0	524.4	516.0	505.0
-47.5°	487.9	488.1	487.2	485.5	487.2	488.1	487.9	485.8	481.6	475.5	467.9
-50°	451.0	451.6	451.1	449.3	451.1	451.6	451.0	449.2	446.2	442.1	436.9
-52.5°	420.2	419.8	419.9	420.3	419.9	419.8	420.2	420.0	418.9	416.5	413.0
-55°	398.6	398.1	396.8	394.9	396.8	398.1	398.6	398.5	397.6	395.2	392.0
-57.5°	376.5	376.1	375.0	373.2	375.0	376.1	376.5	376.2	375.2	373.0	370.4
-60°	350.8	350.5	349.5	347.8	349.5	350.5	350.8	350.3	349.2	347.3	344.7
-62.5°	321.3	321.3	320.5	318.8	320.5	321.3	321.3	320.4	318.8	316.6	314.0
-65°	285.6	285.2	285.9	286.2	285.9	285.2	285.6	285.3	284.3	282.9	280.5
-67.5°	253.1	252.7	251.7	250.0	251.7	252.7	253.1	252.8	251.8	249.6	246.4
-70°	219.6	220.0	219.0	217.4	219.0	220.0	219.6	218.7	217.4	215.7	213.4
-72.5°	184.8	184.1	184.6	184.8	184.6	184.1	184.8	185.2	185.0	184.2	182.3
-75°	152.5	151.6	152.0	152.2	152.0	151.6	152.5	153.0	153.2	152.8	151.3
-77.5°	120.1	119.1	117.6	115.9	117.6	119.1	120.1	120.7	120.9	120.7	119.3
-80°	86.9	86.6	85.1	83.3	85.1	86.6	86.9	87.1	87.0	86.7	86.0
-82.5°	58.3	57.7	57.9	58.0	57.9	57.7	58.3	58.7	58.9	59.0	58.1
-85°	33.1	32.4	32.6	32.6	32.6	32.4	33.1	33.8	34.3	34.7	34.2
-87.5°	11.7	10.9	10.9	10.9	10.9	10.9	11.7	12.5	13.3	14.0	13.8
-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: P627169 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-740-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°	13.6	13.4	13.1	12.9	12.6	12.2	11.9	11.5	11.1	10.7	10.3
85°	33.6	32.9	32.1	31.3	30.4	29.4	28.3	26.7	25.1	23.5	22.0
82.5°	57.0	55.8	54.4	52.9	51.3	49.6	47.7	45.2	42.4	39.3	36.1
80°	85.0	83.6	81.8	78.8	75.7	72.6	69.5	66.5	63.3	60.0	56.4
77.5°	117.7	115.7	112.9	108.1	103.2	98.2	93.4	89.3	85.3	81.1	76.7
75°	149.4	147.2	144.0	138.8	132.8	126.0	119.8	114.7	109.3	103.6	97.7
72.5°	180.0	177.2	173.8	169.4	164.3	158.2	150.6	142.5	134.7	127.3	120.3
70°	210.5	207.3	203.7	199.4	194.3	188.4	180.8	171.7	161.2	151.1	143.5
67.5°	242.6	238.2	234.5	230.8	226.1	220.2	211.5	202.1	191.8	180.0	169.2
65°	276.9	272.0	267.3	262.8	257.7	251.9	243.0	232.6	221.4	209.7	197.4
62.5°	311.0	307.6	302.2	295.8	289.1	281.8	273.5	263.2	251.2	237.6	224.1
60°	341.5	337.3	331.2	324.9	318.4	310.3	299.7	290.3	282.2	266.7	250.5
57.5°	367.6	362.8	355.5	348.7	342.4	332.8	322.0	311.4	300.9	290.3	276.4
55°	388.3	383.2	376.6	368.9	360.4	351.5	341.5	330.2	319.1	309.3	296.5
52.5°	408.3	403.3	397.0	389.5	380.4	370.0	359.1	347.8	337.4	327.4	315.9
50°	431.5	425.2	418.1	410.3	400.4	389.3	377.6	365.4	354.7	344.4	333.6
47.5°	460.1	451.0	440.8	431.4	420.5	408.2	395.8	383.6	371.9	359.8	348.8
45°	494.3	481.9	468.5	455.9	441.8	428.5	414.1	401.4	388.9	375.8	362.2
42.5°	537.9	519.0	501.6	484.4	466.8	450.8	434.4	419.5	405.4	391.5	376.9
40°	591.1	565.8	542.8	517.5	495.9	474.9	456.2	437.6	421.9	406.8	390.7
37.5°	656.5	623.5	592.0	559.2	530.4	502.9	479.5	458.0	437.6	421.1	404.1
35°	740.4	695.2	650.2	609.3	570.3	536.4	505.2	479.5	456.2	434.9	417.0
32.5°	853.6	789.7	721.3	668.9	617.4	572.9	535.6	502.9	474.9	450.8	429.4
30°	1020.1	915.3	821.2	737.9	673.0	615.6	566.9	529.1	495.9	466.8	441.8
27.5°	1258.8	1078.5	951.4	828.7	734.0	664.4	605.7	556.0	517.1	484.4	455.7
25°	1597.1	1323.6	1102.9	942.8	813.9	715.1	646.0	588.4	540.7	501.4	466.8
22.5°	2060.9	1646.6	1308.0	1065.2	906.1	783.2	689.8	620.4	562.3	516.3	478.7
20°	2743.1	2032.0	1573.3	1240.2	1009.6	848.4	735.5	653.8	586.6	531.8	489.1
17.5°	3552.8	2566.3	1863.6	1419.1	1130.7	932.2	788.4	684.5	608.7	545.2	497.5
15°	4415.8	3171.7	2269.4	1657.9	1254.5	1003.9	832.5	711.7	629.8	560.1	508.0
12.5°	5517.9	3824.4	2625.3	1857.3	1376.2	1082.0	883.7	746.2	650.5	576.1	518.9
10°	6560.5	4505.2	3058.4	2119.9	1524.3	1158.6	929.2	772.8	666.5	588.8	527.7
7.5°	7545.5	5159.7	3432.9	2319.7	1638.7	1219.6	962.8	791.9	677.9	597.7	534.5
5°	8267.3	5646.8	3726.0	2473.9	1719.6	1263.7	984.7	803.9	684.7	603.0	539.1
2.5°	8816.6	5969.6	3904.2	2564.3	1765.8	1289.8	997.8	813.0	691.3	607.2	544.2
0°	9068.8	6094.2	3963.8	2612.3	1793.5	1297.1	1003.6	818.8	695.7	608.7	547.1
-2.5°	8816.6	5969.6	3904.2	2564.3	1765.8	1289.8	997.8	813.0	691.3	607.2	544.2
-5°	8267.3	5646.8	3726.0	2473.9	1719.6	1263.7	984.7	803.9	684.7	603.0	539.1
-7.5°	7545.5	5159.7	3432.9	2319.7	1638.7	1219.6	962.8	791.9	677.9	597.7	534.5
-10°	6560.5	4505.2	3058.4	2119.9	1524.3	1158.6	929.2	772.8	666.5	588.8	527.7
-12.5°	5517.9	3824.4	2625.3	1857.3	1376.2	1082.0	883.7	746.2	650.5	576.1	518.9
-15°	4415.8	3171.7	2269.4	1657.9	1254.5	1003.9	832.5	711.7	629.8	560.1	508.0
-17.5°	3552.8	2566.3	1863.6	1419.1	1130.7	932.2	788.4	684.5	608.7	545.2	497.5
-20°	2743.1	2032.0	1573.3	1240.2	1009.6	848.4	735.5	653.8	586.6	531.8	489.1

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Scaled Data Report



REPORT NUMBER: P627169 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-740-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2060.9	1646.6	1308.0	1065.2	906.1	783.2	689.8	620.4	562.3	516.3	478.7
-25°	1597.1	1323.6	1102.9	942.8	813.9	715.1	646.0	588.4	540.7	501.4	466.8
-27.5°	1258.8	1078.5	951.4	828.7	734.0	664.4	605.7	556.0	517.1	484.4	455.7
-30°	1020.1	915.3	821.2	737.9	673.0	615.6	566.9	529.1	495.9	466.8	441.8
-32.5°	853.6	789.7	721.3	668.9	617.4	572.9	535.6	502.9	474.9	450.8	429.4
-35°	740.4	695.2	650.2	609.3	570.3	536.4	505.2	479.5	456.2	434.9	417.0
-37.5°	656.5	623.5	592.0	559.2	530.4	502.9	479.5	458.0	437.6	421.1	404.1
-40°	591.1	565.8	542.8	517.5	495.9	474.9	456.2	437.6	421.9	406.8	390.7
-42.5°	537.9	519.0	501.6	484.4	466.8	450.8	434.4	419.5	405.4	391.5	376.9
-45°	494.3	481.9	468.5	455.9	441.8	428.5	414.1	401.4	388.9	375.8	362.2
-47.5°	460.1	451.0	440.8	431.4	420.5	408.2	395.8	383.6	371.9	359.8	348.8
-50°	431.5	425.2	418.1	410.3	400.4	389.3	377.6	365.4	354.7	344.4	333.6
-52.5°	408.3	403.3	397.0	389.5	380.4	370.0	359.1	347.8	337.4	327.4	315.9
-55°	388.3	383.2	376.6	368.9	360.4	351.5	341.5	330.2	319.1	309.3	296.5
-57.5°	367.6	362.8	355.5	348.7	342.4	332.8	322.0	311.4	300.9	290.3	276.4
-60°	341.5	337.3	331.2	324.9	318.4	310.3	299.7	290.3	282.2	266.7	250.5
-62.5°	311.0	307.6	302.2	295.8	289.1	281.8	273.5	263.2	251.2	237.6	224.1
-65°	276.9	272.0	267.3	262.8	257.7	251.9	243.0	232.6	221.4	209.7	197.4
-67.5°	242.6	238.2	234.5	230.8	226.1	220.2	211.5	202.1	191.8	180.0	169.2
-70°	210.5	207.3	203.7	199.4	194.3	188.4	180.8	171.7	161.2	151.1	143.5
-72.5°	180.0	177.2	173.8	169.4	164.3	158.2	150.6	142.5	134.7	127.3	120.3
-75°	149.4	147.2	144.0	138.8	132.8	126.0	119.8	114.7	109.3	103.6	97.7
-77.5°	117.7	115.7	112.9	108.1	103.2	98.2	93.4	89.3	85.3	81.1	76.7
-80°	85.0	83.6	81.8	78.8	75.7	72.6	69.5	66.5	63.3	60.0	56.4
-82.5°	57.0	55.8	54.4	52.9	51.3	49.6	47.7	45.2	42.4	39.3	36.1
-85°	33.6	32.9	32.1	31.3	30.4	29.4	28.3	26.7	25.1	23.5	22.0
-87.5°	13.6	13.4	13.1	12.9	12.6	12.2	11.9	11.5	11.1	10.7	10.3
-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: P627169 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-740-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°	9.8	9.3	8.8	8.3	7.8	7.2	6.7	6.1	5.5	5.0	4.4
85°	21.2	20.2	19.0	17.7	16.1	14.5	13.4	12.2	11.1	9.9	8.7
82.5°	34.2	33.0	31.7	30.1	27.7	25.3	22.8	20.2	17.7	15.0	13.0
80°	53.1	49.8	46.6	43.5	39.8	36.0	32.7	29.3	25.9	22.4	18.8
77.5°	72.1	67.4	62.4	57.9	53.3	48.5	43.7	38.7	34.0	29.6	25.2
75°	91.5	85.7	79.8	73.6	67.3	60.9	55.1	49.2	43.2	37.0	31.5
72.5°	113.0	105.5	97.7	89.8	82.5	74.9	67.2	59.6	52.5	45.4	38.1
70°	135.5	126.2	116.9	108.0	98.6	88.8	80.0	71.0	61.8	53.7	45.4
67.5°	159.0	149.5	138.6	126.8	116.1	105.1	93.2	82.6	72.3	61.8	52.5
65°	184.8	172.9	161.5	147.9	134.5	121.6	108.7	94.7	82.6	71.0	59.6
62.5°	210.1	195.8	182.1	168.0	153.4	138.6	124.0	108.3	93.1	80.0	67.2
60°	235.0	219.2	202.2	186.3	171.0	155.3	138.7	121.5	104.7	88.8	74.9
57.5°	258.7	242.1	222.9	204.3	187.1	170.7	153.0	134.3	116.1	98.5	82.4
55°	280.9	262.3	242.4	222.1	202.8	184.9	166.4	146.6	127.0	108.0	89.6
52.5°	301.2	281.8	260.6	239.0	217.9	198.4	179.0	158.4	137.5	117.2	97.4
50°	320.1	301.1	278.5	255.5	232.4	211.8	191.3	169.7	147.5	126.0	105.0
47.5°	336.5	318.5	296.7	271.7	247.1	224.9	203.4	180.8	157.0	134.4	112.4
45°	349.9	334.6	313.5	288.4	262.0	238.5	215.3	191.6	166.8	142.5	119.4
42.5°	362.3	348.1	329.1	304.8	277.4	251.9	227.0	202.2	176.2	150.2	126.2
40°	375.0	359.9	343.6	319.1	291.8	264.8	238.7	212.5	185.4	157.8	132.6
37.5°	386.9	371.1	354.5	332.4	304.8	276.9	249.9	222.4	193.9	165.4	138.7
35°	398.8	381.3	364.1	342.7	316.1	288.0	260.5	232.0	202.0	172.5	144.4
32.5°	410.3	390.7	372.1	351.2	326.4	297.9	270.0	240.3	209.5	178.9	149.8
30°	420.8	399.5	379.9	359.4	335.2	306.6	278.1	247.8	216.5	184.9	154.9
27.5°	429.2	406.7	387.3	366.5	342.2	314.4	285.1	254.6	223.0	190.4	159.7
25°	437.6	413.5	393.1	372.9	348.8	322.3	291.7	260.6	228.6	195.6	164.1
22.5°	446.8	419.7	397.7	379.0	355.5	329.8	298.0	265.8	233.5	200.2	167.9
20°	455.0	425.1	401.2	383.8	360.9	335.5	303.9	270.5	237.7	204.4	171.3
17.5°	462.2	430.9	405.7	386.6	365.1	340.3	309.4	274.7	241.3	208.0	174.2
15°	469.8	437.0	409.8	388.9	368.5	344.4	314.4	278.3	244.2	211.0	176.7
12.5°	476.5	442.0	413.0	390.7	371.0	347.7	318.8	281.3	246.4	213.6	179.1
10°	482.1	445.8	415.4	391.9	372.9	350.2	322.5	284.2	248.8	215.5	181.1
7.5°	486.4	448.5	417.0	392.6	374.1	352.2	325.7	287.6	250.8	216.9	182.7
5°	489.6	450.6	419.4	394.8	375.6	353.8	328.0	290.3	252.3	217.6	183.8
2.5°	492.0	452.3	422.1	397.0	376.5	354.8	329.3	292.3	253.3	217.8	184.6
0°	492.8	452.9	423.9	398.6	376.8	355.1	329.7	293.5	253.6	217.4	184.8
-2.5°	492.0	452.3	422.1	397.0	376.5	354.8	329.3	292.3	253.3	217.8	184.6
-5°	489.6	450.6	419.4	394.8	375.6	353.8	328.0	290.3	252.3	217.6	183.8
-7.5°	486.4	448.5	417.0	392.6	374.1	352.2	325.7	287.6	250.8	216.9	182.7
-10°	482.1	445.8	415.4	391.9	372.9	350.2	322.5	284.2	248.8	215.5	181.1
-12.5°	476.5	442.0	413.0	390.7	371.0	347.7	318.8	281.3	246.4	213.6	179.1
-15°	469.8	437.0	409.8	388.9	368.5	344.4	314.4	278.3	244.2	211.0	176.7
-17.5°	462.2	430.9	405.7	386.6	365.1	340.3	309.4	274.7	241.3	208.0	174.2
-20°	455.0	425.1	401.2	383.8	360.9	335.5	303.9	270.5	237.7	204.4	171.3

Classified

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REPORT NUMBER: P627169 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-740-U-NR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	446.8	419.7	397.7	379.0	355.5	329.8	298.0	265.8	233.5	200.2	167.9
-25°	437.6	413.5	393.1	372.9	348.8	322.3	291.7	260.6	228.6	195.6	164.1
-27.5°	429.2	406.7	387.3	366.5	342.2	314.4	285.1	254.6	223.0	190.4	159.7
-30°	420.8	399.5	379.9	359.4	335.2	306.6	278.1	247.8	216.5	184.9	154.9
-32.5°	410.3	390.7	372.1	351.2	326.4	297.9	270.0	240.3	209.5	178.9	149.8
-35°	398.8	381.3	364.1	342.7	316.1	288.0	260.5	232.0	202.0	172.5	144.4
-37.5°	386.9	371.1	354.5	332.4	304.8	276.9	249.9	222.4	193.9	165.4	138.7
-40°	375.0	359.9	343.6	319.1	291.8	264.8	238.7	212.5	185.4	157.8	132.6
-42.5°	362.3	348.1	329.1	304.8	277.4	251.9	227.0	202.2	176.2	150.2	126.2
-45°	349.9	334.6	313.5	288.4	262.0	238.5	215.3	191.6	166.8	142.5	119.4
-47.5°	336.5	318.5	296.7	271.7	247.1	224.9	203.4	180.8	157.0	134.4	112.4
-50°	320.1	301.1	278.5	255.5	232.4	211.8	191.3	169.7	147.5	126.0	105.0
-52.5°	301.2	281.8	260.6	239.0	217.9	198.4	179.0	158.4	137.5	117.2	97.4
-55°	280.9	262.3	242.4	222.1	202.8	184.9	166.4	146.6	127.0	108.0	89.6
-57.5°	258.7	242.1	222.9	204.3	187.1	170.7	153.0	134.3	116.1	98.5	82.4
-60°	235.0	219.2	202.2	186.3	171.0	155.3	138.7	121.5	104.7	88.8	74.9
-62.5°	210.1	195.8	182.1	168.0	153.4	138.6	124.0	108.3	93.1	80.0	67.2
-65°	184.8	172.9	161.5	147.9	134.5	121.6	108.7	94.7	82.6	71.0	59.6
-67.5°	159.0	149.5	138.6	126.8	116.1	105.1	93.2	82.6	72.3	61.8	52.5
-70°	135.5	126.2	116.9	108.0	98.6	88.8	80.0	71.0	61.8	53.7	45.4
-72.5°	113.0	105.5	97.7	89.8	82.5	74.9	67.2	59.6	52.5	45.4	38.1
-75°	91.5	85.7	79.8	73.6	67.3	60.9	55.1	49.2	43.2	37.0	31.5
-77.5°	72.1	67.4	62.4	57.9	53.3	48.5	43.7	38.7	34.0	29.6	25.2
-80°	53.1	49.8	46.6	43.5	39.8	36.0	32.7	29.3	25.9	22.4	18.8
-82.5°	34.2	33.0	31.7	30.1	27.7	25.3	22.8	20.2	17.7	15.0	13.0
-85°	21.2	20.2	19.0	17.7	16.1	14.5	13.4	12.2	11.1	9.9	8.7
-87.5°	9.8	9.3	8.8	8.3	7.8	7.2	6.7	6.1	5.5	5.0	4.4
-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-SA3C-740-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.8	3.1	2.5	1.9	1.3	0.6	0.0
85°	7.5	6.3	5.0	3.8	2.5	1.1	0.0
82.5°	11.2	9.4	7.5	5.7	3.8	1.7	0.0
80°	15.2	12.5	10.0	7.5	5.0	2.2	0.0
77.5°	20.6	16.0	12.5	9.4	6.2	2.7	0.0
75°	26.0	20.4	15.1	11.2	7.4	3.3	0.0
72.5°	31.4	24.6	18.4	13.0	8.6	3.8	0.0
70°	36.7	28.8	21.6	14.9	9.8	4.3	0.0
67.5°	42.8	32.9	24.8	17.2	10.9	4.8	0.0
65°	48.7	37.4	27.9	19.5	12.0	5.3	0.0
62.5°	54.5	42.3	30.9	21.6	13.0	5.8	0.0
60°	60.2	47.0	33.8	23.8	14.0	6.2	0.0
57.5°	66.5	51.7	37.4	25.8	15.3	6.7	0.0
55°	72.7	56.2	41.0	27.8	16.6	7.1	0.0
52.5°	78.7	60.6	44.5	29.7	17.8	7.5	0.0
50°	84.5	65.4	47.9	31.5	19.1	7.9	0.0
47.5°	90.1	70.1	51.1	33.4	20.2	8.3	0.0
45°	96.2	74.5	54.2	35.7	21.4	8.6	0.0
42.5°	101.9	78.8	57.2	37.9	22.5	8.9	0.0
40°	107.4	82.8	60.2	40.1	23.5	9.2	0.0
37.5°	112.6	86.7	63.3	42.2	24.5	9.5	0.0
35°	117.6	90.6	66.1	44.2	25.5	9.8	0.0
32.5°	122.2	94.4	68.8	46.0	26.4	10.0	0.0
30°	126.4	98.0	71.3	47.7	27.3	10.2	0.0
27.5°	130.4	101.2	73.8	49.3	28.1	10.4	0.0
25°	134.0	104.2	76.0	50.8	28.8	10.6	0.0
22.5°	137.3	106.9	78.1	52.2	29.5	10.7	0.0
20°	140.2	109.3	79.9	53.4	30.1	10.8	0.0
17.5°	142.7	111.3	81.6	54.5	30.7	10.9	0.0
15°	144.6	112.9	83.0	55.4	31.2	11.0	0.0
12.5°	146.2	114.2	84.2	56.2	31.6	11.0	0.0
10°	147.5	115.2	85.2	56.8	32.0	11.0	0.0
7.5°	148.3	115.8	86.0	57.3	32.2	11.0	0.0
5°	148.8	116.1	86.6	57.7	32.4	11.0	0.0
2.5°	148.9	116.2	86.9	57.9	32.6	11.0	0.0
0°	148.6	115.9	87.0	58.0	32.6	10.9	0.0
-2.5°	148.9	116.2	86.9	57.9	32.6	11.0	0.0
-5°	148.8	116.1	86.6	57.7	32.4	11.0	0.0
-7.5°	148.3	115.8	86.0	57.3	32.2	11.0	0.0
-10°	147.5	115.2	85.2	56.8	32.0	11.0	0.0
-12.5°	146.2	114.2	84.2	56.2	31.6	11.0	0.0
-15°	144.6	112.9	83.0	55.4	31.2	11.0	0.0
-17.5°	142.7	111.3	81.6	54.5	30.7	10.9	0.0
-20°	140.2	109.3	79.9	53.4	30.1	10.8	0.0

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CATALOG NUMBER: GFLD-SA3C-740-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	137.3	106.9	78.1	52.2	29.5	10.7	0.0
-25°	134.0	104.2	76.0	50.8	28.8	10.6	0.0
-27.5°	130.4	101.2	73.8	49.3	28.1	10.4	0.0
-30°	126.4	98.0	71.3	47.7	27.3	10.2	0.0
-32.5°	122.2	94.4	68.8	46.0	26.4	10.0	0.0
-35°	117.6	90.6	66.1	44.2	25.5	9.8	0.0
-37.5°	112.6	86.7	63.3	42.2	24.5	9.5	0.0
-40°	107.4	82.8	60.2	40.1	23.5	9.2	0.0
-42.5°	101.9	78.8	57.2	37.9	22.5	8.9	0.0
-45°	96.2	74.5	54.2	35.7	21.4	8.6	0.0
-47.5°	90.1	70.1	51.1	33.4	20.2	8.3	0.0
-50°	84.5	65.4	47.9	31.5	19.1	7.9	0.0
-52.5°	78.7	60.6	44.5	29.7	17.8	7.5	0.0
-55°	72.7	56.2	41.0	27.8	16.6	7.1	0.0
-57.5°	66.5	51.7	37.4	25.8	15.3	6.7	0.0
-60°	60.2	47.0	33.8	23.8	14.0	6.2	0.0
-62.5°	54.5	42.3	30.9	21.6	13.0	5.8	0.0
-65°	48.7	37.4	27.9	19.5	12.0	5.3	0.0
-67.5°	42.8	32.9	24.8	17.2	10.9	4.8	0.0
-70°	36.7	28.8	21.6	14.9	9.8	4.3	0.0
-72.5°	31.4	24.6	18.4	13.0	8.6	3.8	0.0
-75°	26.0	20.4	15.1	11.2	7.4	3.3	0.0
-77.5°	20.6	16.0	12.5	9.4	6.2	2.7	0.0
-80°	15.2	12.5	10.0	7.5	5.0	2.2	0.0
-82.5°	11.2	9.4	7.5	5.7	3.8	1.7	0.0
-85°	7.5	6.3	5.0	3.8	2.5	1.1	0.0
-87.5°	3.8	3.1	2.5	1.9	1.3	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)