

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: P626807 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-740-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626807 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1E-740-U-MWR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N29
Light Source: (16) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

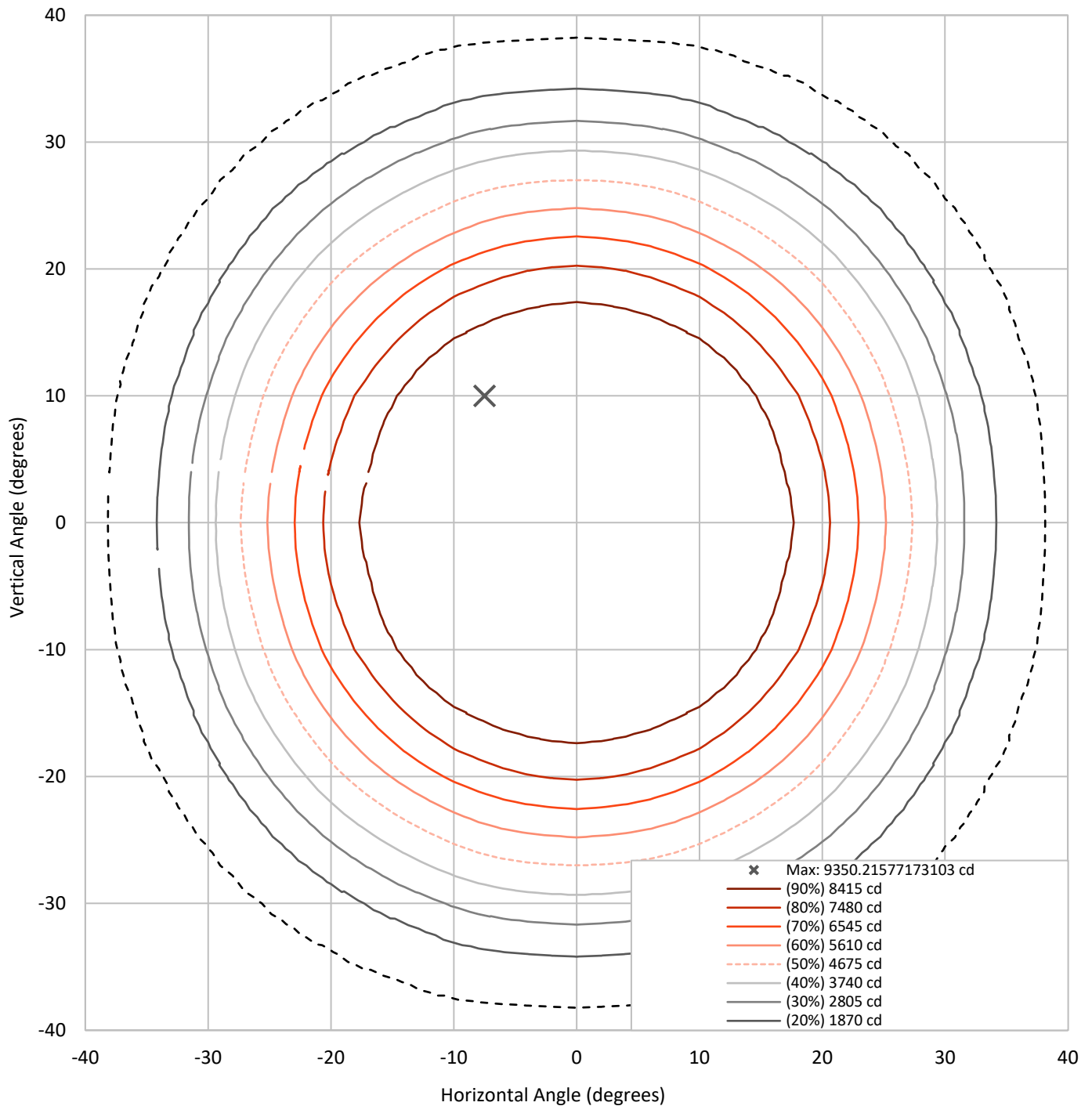
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	7957.9 lumens	Max Intensity:	9350.2 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	120.2 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	51°H x 52.3°V	Field Angle (10%):	74.5°H x 75.5°V
Beam Lumens:	5282 lumens	Field Lumens:	6868.1 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	66.2		
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





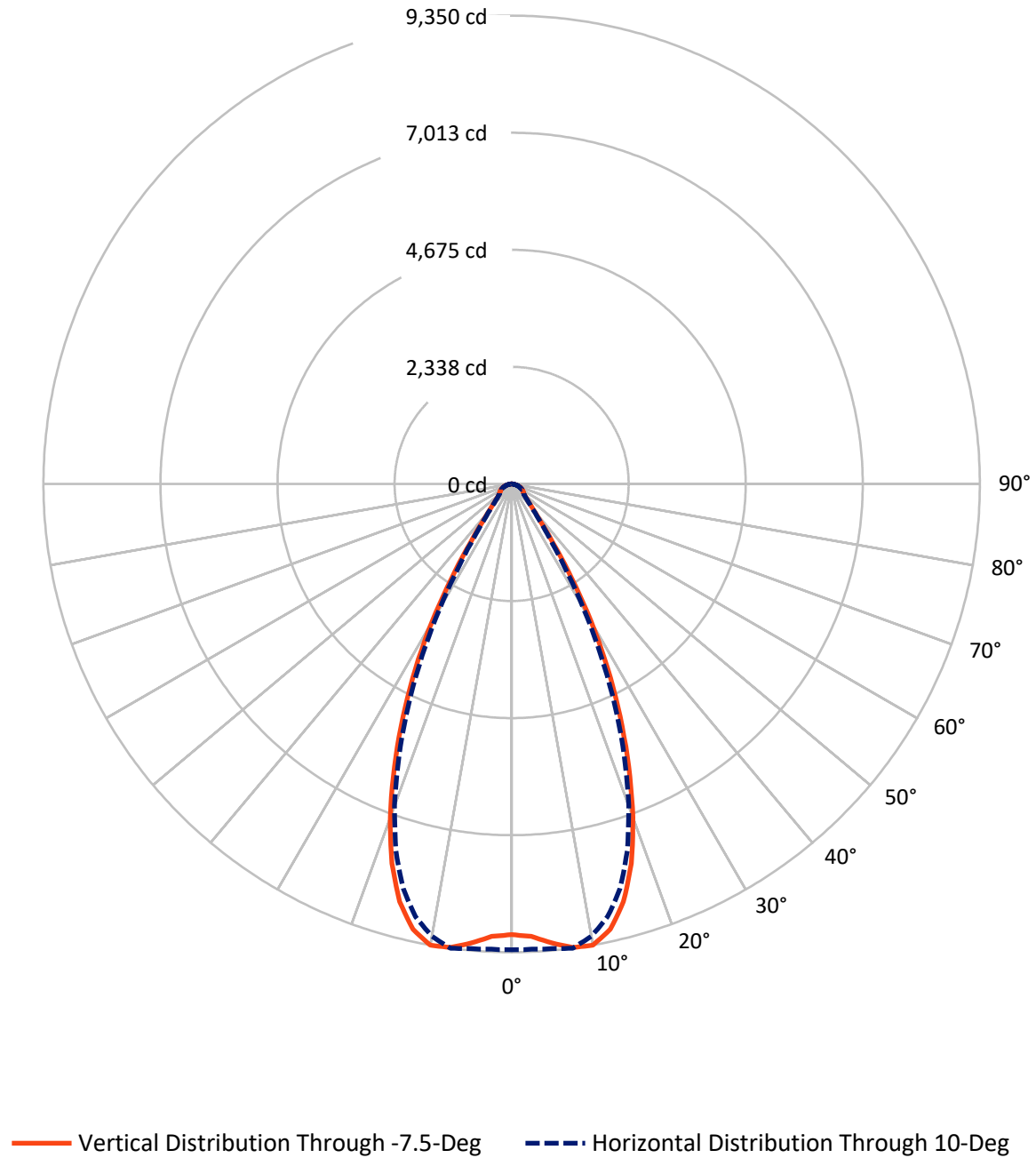
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Lumen Table

90																			
80	0.2	1.9		5.0		7.9		8.8		7.9		5.0		1.9		0.2			
70																			
60	0.8	1.0	2.0	3.2	4.5	5.4	6.1	6.5	6.5	6.1	5.4	4.5	3.2	2.0	1.0	0.8			
50		1.4	2.9	4.6	6.1	7.4	8.3	8.7	8.7	8.3	7.4	6.1	4.6	2.9	1.4				
40	1.5	1.8	3.6	5.6	7.5	9.7	12.2	14.0	14.0	12.2	9.7	7.5	5.6	3.6	1.8	1.5			
30		2.2	4.2	6.4	9.9	18.1	34.6	51.3	51.3	34.6	18.1	9.9	6.4	4.2	2.2				
20	1.9	2.5	4.6	7.5	16.3	51.1	114.6	160.0	160.0	114.6	51.1	16.3	7.5	4.6	2.5	1.9			
10		2.6	4.9	8.9	29.5	108.9	208.0	260.3	260.3	208.0	108.9	29.5	8.9	4.9	2.6				
0	2.1	2.7	5.0	10.0	42.4	149.0	252.3	274.5	274.5	252.3	149.0	42.4	10.0	5.0	2.7	2.1			
-10		2.7	5.0	10.0	42.4	149.0	252.3	274.5	274.5	252.3	149.0	42.4	10.0	5.0	2.7				
-20	1.9	2.6	4.9	8.9	29.5	108.9	208.0	260.3	260.3	208.0	108.9	29.5	8.9	4.9	2.6	1.9			
-30		2.5	4.6	7.5	16.3	51.1	114.6	160.0	160.0	114.6	51.1	16.3	7.5	4.6	2.5				
-40	1.5	2.2	4.2	6.4	9.9	18.1	34.6	51.3	51.3	34.6	18.1	9.9	6.4	4.2	2.2	1.5			
-50		1.8	3.6	5.6	7.5	9.7	12.2	14.0	14.0	12.2	9.7	7.5	5.6	3.6	1.8				
-60	0.8	1.4	2.9	4.6	6.1	7.4	8.3	8.7	8.7	8.3	7.4	6.1	4.6	2.9	1.4	0.8			
-70		1.0	2.0	3.2	4.5	5.4	6.1	6.5	6.5	6.1	5.4	4.5	3.2	2.0	1.0				
-80																			
-90	0.2	1.9		5.0		7.9		8.8		7.9		5.0		1.9		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

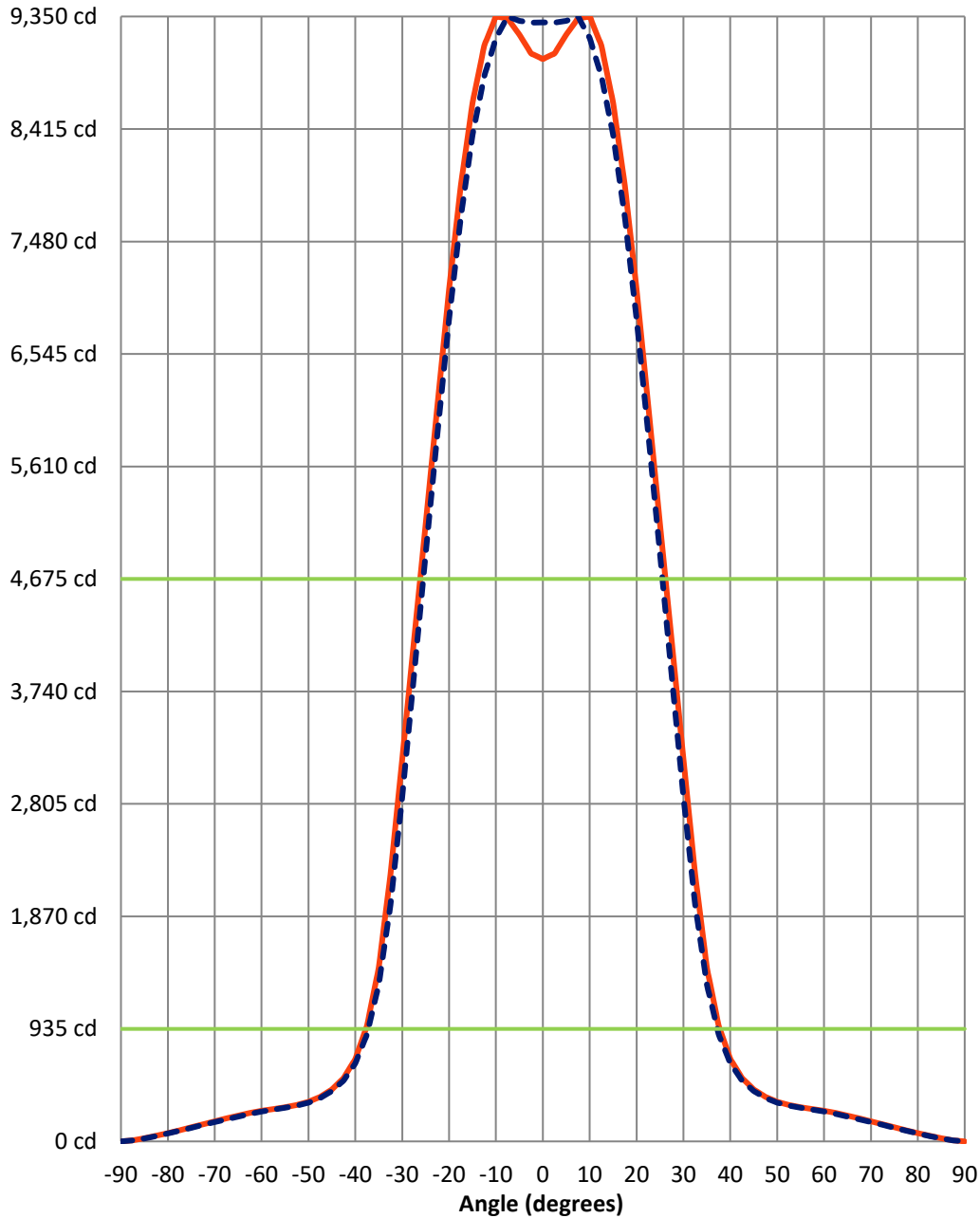
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 5282
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 6868.1
 Efficiency: 86.3%

Spill:
 Lumens: 1089.8
 Efficiency: 13.7%

— Vertical Distribution through -7.5-Deg
 - - Horizontal Distribution through 10-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	0.4	0.7	1.1	1.4	1.8	2.1	2.6	3.1	3.6	4.1
85°	0.0	0.7	1.4	2.1	2.8	3.5	4.2	5.2	6.1	7.2	8.3
82.5°	0.0	1.1	2.1	3.2	4.3	5.3	6.3	7.7	9.4	11.8	14.1
80°	0.0	1.4	2.8	4.3	5.7	7.1	8.7	12.0	15.2	18.2	21.0
77.5°	0.0	1.8	3.5	5.3	7.1	9.5	13.3	17.2	21.0	24.5	28.3
75°	0.0	2.1	4.2	6.3	8.7	13.3	17.9	22.4	26.9	32.0	37.1
72.5°	0.0	2.5	4.9	7.4	11.8	17.1	22.3	27.8	33.9	39.9	45.8
70°	0.0	2.8	5.6	8.6	14.7	20.8	26.9	33.9	40.8	47.7	54.9
67.5°	0.0	3.1	6.3	10.8	17.6	24.4	32.0	39.9	47.7	55.7	63.8
65°	0.0	3.5	6.9	13.0	20.5	28.3	37.0	45.8	54.6	63.5	73.0
62.5°	0.0	3.8	7.6	15.1	23.3	32.3	41.9	51.6	61.3	71.4	82.9
60°	0.0	4.1	8.2	17.1	26.1	36.2	46.6	57.3	67.8	79.9	92.4
57.5°	0.0	4.4	9.5	19.2	29.1	40.0	51.4	62.7	74.9	88.3	101.5
55°	0.0	4.7	10.8	21.1	32.0	43.7	56.0	68.1	82.0	96.3	110.2
52.5°	0.0	5.0	12.0	23.0	34.8	47.3	60.6	74.1	88.9	103.9	118.6
50°	0.0	5.3	13.2	24.9	37.5	51.0	65.0	79.9	95.4	111.2	126.8
47.5°	0.0	5.5	14.3	26.7	40.1	54.6	69.4	85.4	101.7	118.3	134.7
45°	0.0	5.8	15.4	28.5	42.6	58.1	73.9	90.7	107.8	125.1	142.3
42.5°	0.0	6.0	16.5	30.3	45.0	61.4	78.2	95.8	113.6	131.7	149.5
40°	0.0	6.3	17.4	31.9	47.4	64.6	82.3	100.5	119.1	137.9	156.4
37.5°	0.0	6.5	18.4	33.5	49.8	67.7	86.2	105.0	124.4	144.0	163.0
35°	0.0	6.7	19.2	34.9	52.1	70.7	89.8	109.2	129.5	149.6	169.2
32.5°	0.0	6.9	20.0	36.2	54.3	73.5	93.2	113.1	134.3	154.8	174.7
30°	0.0	7.1	20.7	37.5	56.3	76.1	96.3	116.8	138.9	159.6	179.7
27.5°	0.0	7.3	21.4	38.6	58.2	78.5	99.1	120.4	143.0	164.0	184.4
25°	0.0	7.4	22.0	39.7	59.8	80.8	101.7	123.8	146.6	167.9	188.7
22.5°	0.0	7.6	22.6	40.6	61.3	82.7	104.0	126.8	149.8	171.4	192.6
20°	0.0	7.7	23.0	41.5	62.6	84.4	106.1	129.6	152.6	174.5	196.1
17.5°	0.0	7.8	23.5	42.2	63.8	85.8	108.0	132.1	155.1	177.2	199.1
15°	0.0	7.9	23.8	42.8	64.8	87.1	109.6	134.3	157.2	179.5	201.8
12.5°	0.0	8.0	24.1	43.3	65.6	88.1	111.1	136.2	159.1	181.4	203.9
10°	0.0	8.1	24.3	43.7	66.3	88.9	112.3	137.8	160.7	183.2	205.8
7.5°	0.0	8.1	24.4	44.0	66.7	89.5	113.2	139.1	162.0	184.6	207.4
5°	0.0	8.2	24.5	44.2	67.0	89.9	113.9	140.0	162.9	185.7	208.6
2.5°	0.0	8.2	24.5	44.2	67.2	90.1	114.4	140.5	163.4	186.3	209.3
0°	0.0	8.2	24.5	44.2	67.1	90.0	114.5	140.7	163.6	186.5	209.5
-2.5°	0.0	8.2	24.5	44.2	67.2	90.1	114.4	140.5	163.4	186.3	209.3
-5°	0.0	8.2	24.5	44.2	67.0	89.9	113.9	140.0	162.9	185.7	208.6
-7.5°	0.0	8.1	24.4	44.0	66.7	89.5	113.2	139.1	162.0	184.6	207.4
-10°	0.0	8.1	24.3	43.7	66.3	88.9	112.3	137.8	160.7	183.2	205.8
-12.5°	0.0	8.0	24.1	43.3	65.6	88.1	111.1	136.2	159.1	181.4	203.9
-15°	0.0	7.9	23.8	42.8	64.8	87.1	109.6	134.3	157.2	179.5	201.8
-17.5°	0.0	7.8	23.5	42.2	63.8	85.8	108.0	132.1	155.1	177.2	199.1
-20°	0.0	7.7	23.0	41.5	62.6	84.4	106.1	129.6	152.6	174.5	196.1

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CATALOG NUMBER: GFLD-SA1E-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	7.6	22.6	40.6	61.3	82.7	104.0	126.8	149.8	171.4	192.6
-25°	0.0	7.4	22.0	39.7	59.8	80.8	101.7	123.8	146.6	167.9	188.7
-27.5°	0.0	7.3	21.4	38.6	58.2	78.5	99.1	120.4	143.0	164.0	184.4
-30°	0.0	7.1	20.7	37.5	56.3	76.1	96.3	116.8	138.9	159.6	179.7
-32.5°	0.0	6.9	20.0	36.2	54.3	73.5	93.2	113.1	134.3	154.8	174.7
-35°	0.0	6.7	19.2	34.9	52.1	70.7	89.8	109.2	129.5	149.6	169.2
-37.5°	0.0	6.5	18.4	33.5	49.8	67.7	86.2	105.0	124.4	144.0	163.0
-40°	0.0	6.3	17.4	31.9	47.4	64.6	82.3	100.5	119.1	137.9	156.4
-42.5°	0.0	6.0	16.5	30.3	45.0	61.4	78.2	95.8	113.6	131.7	149.5
-45°	0.0	5.8	15.4	28.5	42.6	58.1	73.9	90.7	107.8	125.1	142.3
-47.5°	0.0	5.5	14.3	26.7	40.1	54.6	69.4	85.4	101.7	118.3	134.7
-50°	0.0	5.3	13.2	24.9	37.5	51.0	65.0	79.9	95.4	111.2	126.8
-52.5°	0.0	5.0	12.0	23.0	34.8	47.3	60.6	74.1	88.9	103.9	118.6
-55°	0.0	4.7	10.8	21.1	32.0	43.7	56.0	68.1	82.0	96.3	110.2
-57.5°	0.0	4.4	9.5	19.2	29.1	40.0	51.4	62.7	74.9	88.3	101.5
-60°	0.0	4.1	8.2	17.1	26.1	36.2	46.6	57.3	67.8	79.9	92.4
-62.5°	0.0	3.8	7.6	15.1	23.3	32.3	41.9	51.6	61.3	71.4	82.9
-65°	0.0	3.5	6.9	13.0	20.5	28.3	37.0	45.8	54.6	63.5	73.0
-67.5°	0.0	3.1	6.3	10.8	17.6	24.4	32.0	39.9	47.7	55.7	63.8
-70°	0.0	2.8	5.6	8.6	14.7	20.8	26.9	33.9	40.8	47.7	54.9
-72.5°	0.0	2.5	4.9	7.4	11.8	17.1	22.3	27.8	33.9	39.9	45.8
-75°	0.0	2.1	4.2	6.3	8.7	13.3	17.9	22.4	26.9	32.0	37.1
-77.5°	0.0	1.8	3.5	5.3	7.1	9.5	13.3	17.2	21.0	24.5	28.3
-80°	0.0	1.4	2.8	4.3	5.7	7.1	8.7	12.0	15.2	18.2	21.0
-82.5°	0.0	1.1	2.1	3.2	4.3	5.3	6.3	7.7	9.4	11.8	14.1
-85°	0.0	0.7	1.4	2.1	2.8	3.5	4.2	5.2	6.1	7.2	8.3
-87.5°	0.0	0.4	0.7	1.1	1.4	1.8	2.1	2.6	3.1	3.6	4.1
-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°	4.5	4.9	5.3	5.6	6.0	6.3	6.6	6.9	7.2	7.5	7.8
85°	9.0	9.8	11.1	12.4	13.7	14.9	16.1	17.2	18.3	19.4	20.3
82.5°	16.2	18.3	20.5	22.7	24.6	26.5	28.3	30.1	32.0	33.8	35.7
80°	23.9	26.8	30.2	33.4	36.2	38.9	41.5	44.0	46.7	49.6	52.5
77.5°	32.7	36.9	40.9	44.6	48.2	52.1	55.8	59.4	63.2	66.9	70.5
75°	42.1	47.0	52.0	57.0	61.8	66.5	71.1	75.7	80.4	85.1	89.6
72.5°	51.9	58.0	64.0	69.8	75.8	81.6	87.3	92.7	98.3	104.1	109.5
70°	62.0	69.0	76.3	83.4	90.2	97.0	103.9	110.6	117.1	123.7	130.3
67.5°	72.2	81.0	89.2	97.1	105.1	113.1	120.9	128.9	136.6	144.3	151.7
65°	83.5	93.0	102.0	111.1	120.1	129.6	138.8	147.7	156.6	165.2	173.0
62.5°	94.5	104.6	114.7	124.9	135.7	146.3	156.4	166.6	177.0	186.0	193.9
60°	104.6	115.9	127.1	138.8	150.7	162.1	173.4	184.5	195.7	206.1	212.5
57.5°	114.4	126.9	139.3	151.9	164.5	177.2	189.0	201.2	211.6	220.4	227.8
55°	124.0	137.5	150.7	163.9	177.5	190.8	203.7	215.3	225.4	232.7	239.9
52.5°	133.3	147.5	161.2	175.5	189.9	204.0	217.5	228.2	236.5	244.0	250.7
50°	142.3	156.8	171.2	186.7	201.9	216.8	229.5	238.9	247.4	254.6	261.7
47.5°	150.7	165.8	181.2	197.5	213.5	228.0	239.6	249.5	258.1	266.0	274.3
45°	158.8	174.9	191.2	208.0	224.3	238.3	249.5	260.1	268.2	277.0	286.6
42.5°	166.7	183.6	200.6	218.0	234.5	247.6	258.8	268.5	278.0	288.5	300.0
40°	174.2	191.8	209.6	227.6	244.2	255.7	266.7	277.0	288.5	301.0	314.3
37.5°	181.2	199.5	217.9	236.7	251.2	263.1	274.3	285.8	299.2	313.7	331.9
35°	187.8	206.6	225.8	243.8	257.5	270.2	281.8	294.6	310.3	329.2	352.4
32.5°	193.9	213.3	233.0	249.5	263.4	276.5	288.4	304.4	323.2	345.7	378.6
30°	199.5	219.3	239.1	255.1	268.6	281.8	296.3	314.3	336.3	369.2	411.3
27.5°	204.7	224.8	243.9	259.8	273.3	286.9	303.9	325.7	354.7	393.9	446.2
25°	209.5	230.1	248.6	263.7	277.7	292.8	311.3	335.7	373.8	424.5	495.2
22.5°	213.8	234.9	253.0	267.1	281.8	298.1	319.7	350.3	394.3	453.4	544.6
20°	217.7	238.5	256.3	270.2	285.6	302.6	327.2	364.1	417.2	493.7	610.1
17.5°	221.1	241.7	258.8	273.3	289.3	307.6	334.5	376.1	437.5	528.9	676.3
15°	224.0	244.4	260.9	275.9	292.5	313.3	344.7	391.8	461.1	565.5	734.1
12.5°	226.4	246.6	262.6	278.1	295.1	318.1	353.4	406.5	485.6	610.5	819.2
10°	228.3	248.3	263.9	279.8	297.2	321.9	360.4	418.6	505.9	649.4	891.7
7.5°	230.1	249.6	264.8	280.9	298.6	324.8	365.8	427.9	521.4	680.0	949.1
5°	231.4	250.4	265.3	281.6	299.9	326.6	369.4	434.4	532.2	701.8	989.5
2.5°	232.1	250.6	265.4	281.8	300.8	327.5	371.3	437.9	540.6	712.2	1011.2
0°	232.4	250.4	265.1	281.5	301.1	327.3	371.5	438.5	544.9	711.8	1014.5
-2.5°	232.1	250.6	265.4	281.8	300.8	327.5	371.3	437.9	540.6	712.2	1011.2
-5°	231.4	250.4	265.3	281.6	299.9	326.6	369.4	434.4	532.2	701.8	989.5
-7.5°	230.1	249.6	264.8	280.9	298.6	324.8	365.8	427.9	521.4	680.0	949.1
-10°	228.3	248.3	263.9	279.8	297.2	321.9	360.4	418.6	505.9	649.4	891.7
-12.5°	226.4	246.6	262.6	278.1	295.1	318.1	353.4	406.5	485.6	610.5	819.2
-15°	224.0	244.4	260.9	275.9	292.5	313.3	344.7	391.8	461.1	565.5	734.1
-17.5°	221.1	241.7	258.8	273.3	289.3	307.6	334.5	376.1	437.5	528.9	676.3
-20°	217.7	238.5	256.3	270.2	285.6	302.6	327.2	364.1	417.2	493.7	610.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626807 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	213.8	234.9	253.0	267.1	281.8	298.1	319.7	350.3	394.3	453.4	544.6
-25°	209.5	230.1	248.6	263.7	277.7	292.8	311.3	335.7	373.8	424.5	495.2
-27.5°	204.7	224.8	243.9	259.8	273.3	286.9	303.9	325.7	354.7	393.9	446.2
-30°	199.5	219.3	239.1	255.1	268.6	281.8	296.3	314.3	336.3	369.2	411.3
-32.5°	193.9	213.3	233.0	249.5	263.4	276.5	288.4	304.4	323.2	345.7	378.6
-35°	187.8	206.6	225.8	243.8	257.5	270.2	281.8	294.6	310.3	329.2	352.4
-37.5°	181.2	199.5	217.9	236.7	251.2	263.1	274.3	285.8	299.2	313.7	331.9
-40°	174.2	191.8	209.6	227.6	244.2	255.7	266.7	277.0	288.5	301.0	314.3
-42.5°	166.7	183.6	200.6	218.0	234.5	247.6	258.8	268.5	278.0	288.5	300.0
-45°	158.8	174.9	191.2	208.0	224.3	238.3	249.5	260.1	268.2	277.0	286.6
-47.5°	150.7	165.8	181.2	197.5	213.5	228.0	239.6	249.5	258.1	266.0	274.3
-50°	142.3	156.8	171.2	186.7	201.9	216.8	229.5	238.9	247.4	254.6	261.7
-52.5°	133.3	147.5	161.2	175.5	189.9	204.0	217.5	228.2	236.5	244.0	250.7
-55°	124.0	137.5	150.7	163.9	177.5	190.8	203.7	215.3	225.4	232.7	239.9
-57.5°	114.4	126.9	139.3	151.9	164.5	177.2	189.0	201.2	211.6	220.4	227.8
-60°	104.6	115.9	127.1	138.8	150.7	162.1	173.4	184.5	195.7	206.1	212.5
-62.5°	94.5	104.6	114.7	124.9	135.7	146.3	156.4	166.6	177.0	186.0	193.9
-65°	83.5	93.0	102.0	111.1	120.1	129.6	138.8	147.7	156.6	165.2	173.0
-67.5°	72.2	81.0	89.2	97.1	105.1	113.1	120.9	128.9	136.6	144.3	151.7
-70°	62.0	69.0	76.3	83.4	90.2	97.0	103.9	110.6	117.1	123.7	130.3
-72.5°	51.9	58.0	64.0	69.8	75.8	81.6	87.3	92.7	98.3	104.1	109.5
-75°	42.1	47.0	52.0	57.0	61.8	66.5	71.1	75.7	80.4	85.1	89.6
-77.5°	32.7	36.9	40.9	44.6	48.2	52.1	55.8	59.4	63.2	66.9	70.5
-80°	23.9	26.8	30.2	33.4	36.2	38.9	41.5	44.0	46.7	49.6	52.5
-82.5°	16.2	18.3	20.5	22.7	24.6	26.5	28.3	30.1	32.0	33.8	35.7
-85°	9.0	9.8	11.1	12.4	13.7	14.9	16.1	17.2	18.3	19.4	20.3
-87.5°	4.5	4.9	5.3	5.6	6.0	6.3	6.6	6.9	7.2	7.5	7.8
-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: P626807 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-740-U-MWR-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°	8.0	7.9	7.8	7.6	7.4	7.9	8.5	9.0	9.5	9.2	8.9
85°	21.3	21.8	22.2	22.5	22.8	23.8	24.8	25.7	26.6	26.6	26.5
82.5°	37.5	38.7	39.7	40.7	41.5	42.7	43.8	44.7	45.5	46.1	46.6
80°	55.2	57.2	58.9	60.4	61.8	63.4	64.8	66.1	67.2	67.9	68.2
77.5°	74.0	76.8	79.4	81.8	84.1	86.4	88.5	90.4	92.0	92.4	92.3
75°	93.8	97.6	101.2	104.6	107.7	110.3	112.6	114.5	116.0	116.8	117.2
72.5°	114.7	119.5	123.7	127.5	130.8	133.6	135.9	138.0	139.7	140.8	141.5
70°	136.6	142.1	146.5	150.1	153.0	155.7	158.7	161.6	164.3	165.8	166.4
67.5°	158.4	164.2	168.2	171.5	174.1	176.8	180.6	184.1	187.1	189.2	190.5
65°	179.9	186.0	190.0	193.1	195.5	198.2	202.5	205.9	208.5	210.6	212.4
62.5°	201.0	207.2	211.7	215.4	218.9	221.8	225.3	228.2	230.4	232.4	234.8
60°	219.4	226.7	231.4	235.2	239.4	244.0	246.6	248.7	250.6	252.2	253.7
57.5°	234.4	240.9	246.9	251.4	255.8	260.1	263.2	265.2	266.8	268.1	268.6
55°	246.9	253.6	260.3	265.2	269.6	273.6	276.9	279.6	281.8	283.5	283.9
52.5°	258.1	265.6	272.2	277.9	283.7	288.4	292.1	295.7	298.8	301.3	302.4
50°	270.3	278.2	286.4	294.1	300.2	305.6	310.0	315.1	320.5	324.9	327.7
47.5°	283.2	292.3	302.2	311.6	318.9	326.8	334.3	341.8	351.7	360.1	366.3
45°	296.6	308.3	319.7	331.6	341.6	356.6	370.6	382.5	398.5	413.0	424.4
42.5°	312.5	327.1	341.0	360.0	380.0	400.5	422.7	441.6	466.6	491.9	512.4
40°	331.3	349.9	374.4	400.0	431.5	459.8	498.1	532.2	570.4	618.7	658.6
37.5°	353.9	382.6	416.7	452.4	501.5	548.5	611.8	678.5	739.1	832.0	910.2
35°	383.3	423.4	468.3	531.5	601.0	689.1	787.8	916.7	1027.2	1184.0	1333.7
32.5°	421.2	472.7	546.0	643.6	746.4	906.2	1063.0	1286.7	1493.9	1742.3	2010.4
30°	463.4	541.8	653.7	787.5	979.4	1214.5	1490.8	1834.4	2210.5	2559.6	2903.7
27.5°	524.4	636.8	783.8	999.8	1298.8	1627.8	2111.8	2578.2	3064.9	3497.5	3858.3
25°	595.8	744.3	971.6	1289.6	1694.0	2257.3	2836.6	3412.4	3935.7	4388.7	4787.3
22.5°	687.9	901.5	1204.5	1616.4	2246.2	2921.3	3600.7	4235.7	4794.0	5298.3	5729.8
20°	788.1	1055.4	1488.2	2102.3	2822.5	3591.6	4358.8	5035.1	5649.8	6221.7	6708.1
17.5°	915.1	1289.4	1837.5	2574.2	3406.8	4249.5	5055.4	5789.4	6486.9	7092.0	7600.2
15°	1023.3	1495.5	2210.8	3074.8	3975.4	4864.4	5715.2	6512.5	7237.6	7858.5	8336.2
12.5°	1167.6	1726.5	2542.2	3505.2	4481.1	5416.5	6312.7	7136.8	7874.7	8488.7	8860.6
10°	1304.1	1965.7	2862.6	3866.8	4880.7	5877.4	6834.2	7679.4	8364.5	8853.0	9169.9
7.5°	1420.1	2171.2	3123.2	4159.1	5198.2	6240.2	7208.8	8031.1	8662.8	9070.8	9291.4
5°	1506.7	2324.8	3316.6	4396.6	5462.9	6523.2	7484.2	8256.2	8802.2	9105.2	9216.0
2.5°	1561.9	2415.0	3428.9	4552.4	5640.1	6702.2	7673.1	8433.0	8896.3	9097.1	9116.2
0°	1584.0	2426.7	3446.2	4634.2	5684.7	6753.2	7726.9	8505.8	8931.2	9096.5	9093.2
-2.5°	1561.9	2415.0	3428.9	4552.4	5640.1	6702.2	7673.1	8433.0	8896.3	9097.1	9116.2
-5°	1506.7	2324.8	3316.6	4396.6	5462.9	6523.2	7484.2	8256.2	8802.2	9105.2	9216.0
-7.5°	1420.1	2171.2	3123.2	4159.1	5198.2	6240.2	7208.8	8031.1	8662.8	9070.8	9291.4
-10°	1304.1	1965.7	2862.6	3866.8	4880.7	5877.4	6834.2	7679.4	8364.5	8853.0	9169.9
-12.5°	1167.6	1726.5	2542.2	3505.2	4481.1	5416.5	6312.7	7136.8	7874.7	8488.7	8860.6
-15°	1023.3	1495.5	2210.8	3074.8	3975.4	4864.4	5715.2	6512.5	7237.6	7858.5	8336.2
-17.5°	915.1	1289.4	1837.5	2574.2	3406.8	4249.5	5055.4	5789.4	6486.9	7092.0	7600.2
-20°	788.1	1055.4	1488.2	2102.3	2822.5	3591.6	4358.8	5035.1	5649.8	6221.7	6708.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626807 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	687.9	901.5	1204.5	1616.4	2246.2	2921.3	3600.7	4235.7	4794.0	5298.3	5729.8
-25°	595.8	744.3	971.6	1289.6	1694.0	2257.3	2836.6	3412.4	3935.7	4388.7	4787.3
-27.5°	524.4	636.8	783.8	999.8	1298.8	1627.8	2111.8	2578.2	3064.9	3497.5	3858.3
-30°	463.4	541.8	653.7	787.5	979.4	1214.5	1490.8	1834.4	2210.5	2559.6	2903.7
-32.5°	421.2	472.7	546.0	643.6	746.4	906.2	1063.0	1286.7	1493.9	1742.3	2010.4
-35°	383.3	423.4	468.3	531.5	601.0	689.1	787.8	916.7	1027.2	1184.0	1333.7
-37.5°	353.9	382.6	416.7	452.4	501.5	548.5	611.8	678.5	739.1	832.0	910.2
-40°	331.3	349.9	374.4	400.0	431.5	459.8	498.1	532.2	570.4	618.7	658.6
-42.5°	312.5	327.1	341.0	360.0	380.0	400.5	422.7	441.6	466.6	491.9	512.4
-45°	296.6	308.3	319.7	331.6	341.6	356.6	370.6	382.5	398.5	413.0	424.4
-47.5°	283.2	292.3	302.2	311.6	318.9	326.8	334.3	341.8	351.7	360.1	366.3
-50°	270.3	278.2	286.4	294.1	300.2	305.6	310.0	315.1	320.5	324.9	327.7
-52.5°	258.1	265.6	272.2	277.9	283.7	288.4	292.1	295.7	298.8	301.3	302.4
-55°	246.9	253.6	260.3	265.2	269.6	273.6	276.9	279.6	281.8	283.5	283.9
-57.5°	234.4	240.9	246.9	251.4	255.8	260.1	263.2	265.2	266.8	268.1	268.6
-60°	219.4	226.7	231.4	235.2	239.4	244.0	246.6	248.7	250.6	252.2	253.7
-62.5°	201.0	207.2	211.7	215.4	218.9	221.8	225.3	228.2	230.4	232.4	234.8
-65°	179.9	186.0	190.0	193.1	195.5	198.2	202.5	205.9	208.5	210.6	212.4
-67.5°	158.4	164.2	168.2	171.5	174.1	176.8	180.6	184.1	187.1	189.2	190.5
-70°	136.6	142.1	146.5	150.1	153.0	155.7	158.7	161.6	164.3	165.8	166.4
-72.5°	114.7	119.5	123.7	127.5	130.8	133.6	135.9	138.0	139.7	140.8	141.5
-75°	93.8	97.6	101.2	104.6	107.7	110.3	112.6	114.5	116.0	116.8	117.2
-77.5°	74.0	76.8	79.4	81.8	84.1	86.4	88.5	90.4	92.0	92.4	92.3
-80°	55.2	57.2	58.9	60.4	61.8	63.4	64.8	66.1	67.2	67.9	68.2
-82.5°	37.5	38.7	39.7	40.7	41.5	42.7	43.8	44.7	45.5	46.1	46.6
-85°	21.3	21.8	22.2	22.5	22.8	23.8	24.8	25.7	26.6	26.6	26.5
-87.5°	8.0	7.9	7.8	7.6	7.4	7.9	8.5	9.0	9.5	9.2	8.9
-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: P626807 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-740-U-MWR-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°	8.5	8.2	8.2	8.2	8.2	8.2	8.5	8.9	9.2	9.5	9.0
85°	26.3	26.1	25.3	24.5	25.3	26.1	26.3	26.5	26.6	26.6	25.7
82.5°	47.0	47.3	46.6	45.8	46.6	47.3	47.0	46.6	46.1	45.5	44.7
80°	68.4	68.4	67.8	67.1	67.8	68.4	68.4	68.2	67.9	67.2	66.1
77.5°	91.9	91.2	91.5	91.6	91.5	91.2	91.9	92.3	92.4	92.0	90.4
75°	117.4	117.2	116.9	116.2	116.9	117.2	117.4	117.2	116.8	116.0	114.5
72.5°	141.8	141.8	141.4	140.7	141.4	141.8	141.8	141.5	140.8	139.7	138.0
70°	166.6	166.3	166.7	166.9	166.7	166.3	166.6	166.4	165.8	164.3	161.6
67.5°	191.6	192.2	192.1	191.5	192.1	192.2	191.6	190.5	189.2	187.1	184.1
65°	214.0	215.1	215.8	216.0	215.8	215.1	214.0	212.4	210.6	208.5	205.9
62.5°	236.6	237.9	237.9	237.3	237.9	237.9	236.6	234.8	232.4	230.4	228.2
60°	254.5	254.7	254.4	253.6	254.4	254.7	254.5	253.7	252.2	250.6	248.7
57.5°	268.6	268.1	267.5	266.7	267.5	268.1	268.6	268.6	268.1	266.8	265.2
55°	283.7	282.9	282.3	281.5	282.3	282.9	283.7	283.9	283.5	281.8	279.6
52.5°	302.7	302.2	301.8	301.1	301.8	302.2	302.7	302.4	301.3	298.8	295.7
50°	329.1	329.5	329.4	328.9	329.4	329.5	329.1	327.7	324.9	320.5	315.1
47.5°	370.2	372.3	373.8	374.7	373.8	372.3	370.2	366.3	360.1	351.7	341.8
45°	431.8	436.2	439.2	441.8	439.2	436.2	431.8	424.4	413.0	398.5	382.5
42.5°	526.8	536.6	541.2	540.0	541.2	536.6	526.8	512.4	491.9	466.6	441.6
40°	685.2	701.0	709.8	716.7	709.8	701.0	685.2	658.6	618.7	570.4	532.2
37.5°	963.5	994.2	1010.3	1024.4	1010.3	994.2	963.5	910.2	832.0	739.1	678.5
35°	1445.6	1514.6	1551.5	1564.4	1551.5	1514.6	1445.6	1333.7	1184.0	1027.2	916.7
32.5°	2219.0	2346.2	2416.5	2470.9	2416.5	2346.2	2219.0	2010.4	1742.3	1493.9	1286.7
30°	3176.1	3343.7	3436.7	3482.2	3436.7	3343.7	3176.1	2903.7	2559.6	2210.5	1834.4
27.5°	4157.3	4347.8	4448.1	4442.7	4448.1	4347.8	4157.3	3858.3	3497.5	3064.9	2578.2
25°	5129.1	5349.7	5449.6	5539.1	5449.6	5349.7	5129.1	4787.3	4388.7	3935.7	3412.4
22.5°	6111.8	6369.8	6510.5	6576.5	6510.5	6369.8	6111.8	5729.8	5298.3	4794.0	4235.7
20°	7082.9	7370.1	7519.5	7584.5	7519.5	7370.1	7082.9	6708.1	6221.7	5649.8	5035.1
17.5°	7944.2	8224.4	8366.9	8427.2	8366.9	8224.4	7944.2	7600.2	7092.0	6486.9	5789.4
15°	8631.8	8838.6	8959.7	8991.8	8959.7	8838.6	8631.8	8336.2	7858.5	7237.6	6512.5
12.5°	9107.2	9187.3	9245.5	9263.4	9245.5	9187.3	9107.2	8860.6	8488.7	7874.7	7136.8
10°	9350.2	9314.1	9299.2	9301.1	9299.2	9314.1	9350.2	9169.9	8853.0	8364.5	7679.4
7.5°	9333.5	9280.0	9172.5	9155.4	9172.5	9280.0	9333.5	9291.4	9070.8	8662.8	8031.1
5°	9199.4	9102.0	8923.6	8872.3	8923.6	9102.0	9199.4	9216.0	9105.2	8802.2	8256.2
2.5°	9043.1	8867.5	8703.1	8597.4	8703.1	8867.5	9043.1	9116.2	9097.1	8896.3	8433.0
0°	8996.7	8793.8	8581.1	8512.3	8581.1	8793.8	8996.7	9093.2	9096.5	8931.2	8505.8
-2.5°	9043.1	8867.5	8703.1	8597.4	8703.1	8867.5	9043.1	9116.2	9097.1	8896.3	8433.0
-5°	9199.4	9102.0	8923.6	8872.3	8923.6	9102.0	9199.4	9216.0	9105.2	8802.2	8256.2
-7.5°	9333.5	9280.0	9172.5	9155.4	9172.5	9280.0	9333.5	9291.4	9070.8	8662.8	8031.1
-10°	9350.2	9314.1	9299.2	9301.1	9299.2	9314.1	9350.2	9169.9	8853.0	8364.5	7679.4
-12.5°	9107.2	9187.3	9245.5	9263.4	9245.5	9187.3	9107.2	8860.6	8488.7	7874.7	7136.8
-15°	8631.8	8838.6	8959.7	8991.8	8959.7	8838.6	8631.8	8336.2	7858.5	7237.6	6512.5
-17.5°	7944.2	8224.4	8366.9	8427.2	8366.9	8224.4	7944.2	7600.2	7092.0	6486.9	5789.4
-20°	7082.9	7370.1	7519.5	7584.5	7519.5	7370.1	7082.9	6708.1	6221.7	5649.8	5035.1



REPORT NUMBER: P626807 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	6111.8	6369.8	6510.5	6576.5	6510.5	6369.8	6111.8	5729.8	5298.3	4794.0	4235.7
-25°	5129.1	5349.7	5449.6	5539.1	5449.6	5349.7	5129.1	4787.3	4388.7	3935.7	3412.4
-27.5°	4157.3	4347.8	4448.1	4442.7	4448.1	4347.8	4157.3	3858.3	3497.5	3064.9	2578.2
-30°	3176.1	3343.7	3436.7	3482.2	3436.7	3343.7	3176.1	2903.7	2559.6	2210.5	1834.4
-32.5°	2219.0	2346.2	2416.5	2470.9	2416.5	2346.2	2219.0	2010.4	1742.3	1493.9	1286.7
-35°	1445.6	1514.6	1551.5	1564.4	1551.5	1514.6	1445.6	1333.7	1184.0	1027.2	916.7
-37.5°	963.5	994.2	1010.3	1024.4	1010.3	994.2	963.5	910.2	832.0	739.1	678.5
-40°	685.2	701.0	709.8	716.7	709.8	701.0	685.2	658.6	618.7	570.4	532.2
-42.5°	526.8	536.6	541.2	540.0	541.2	536.6	526.8	512.4	491.9	466.6	441.6
-45°	431.8	436.2	439.2	441.8	439.2	436.2	431.8	424.4	413.0	398.5	382.5
-47.5°	370.2	372.3	373.8	374.7	373.8	372.3	370.2	366.3	360.1	351.7	341.8
-50°	329.1	329.5	329.4	328.9	329.4	329.5	329.1	327.7	324.9	320.5	315.1
-52.5°	302.7	302.2	301.8	301.1	301.8	302.2	302.7	302.4	301.3	298.8	295.7
-55°	283.7	282.9	282.3	281.5	282.3	282.9	283.7	283.9	283.5	281.8	279.6
-57.5°	268.6	268.1	267.5	266.7	267.5	268.1	268.6	268.6	268.1	266.8	265.2
-60°	254.5	254.7	254.4	253.6	254.4	254.7	254.5	253.7	252.2	250.6	248.7
-62.5°	236.6	237.9	237.9	237.3	237.9	237.9	236.6	234.8	232.4	230.4	228.2
-65°	214.0	215.1	215.8	216.0	215.8	215.1	214.0	212.4	210.6	208.5	205.9
-67.5°	191.6	192.2	192.1	191.5	192.1	192.2	191.6	190.5	189.2	187.1	184.1
-70°	166.6	166.3	166.7	166.9	166.7	166.3	166.6	166.4	165.8	164.3	161.6
-72.5°	141.8	141.8	141.4	140.7	141.4	141.8	141.8	141.5	140.8	139.7	138.0
-75°	117.4	117.2	116.9	116.2	116.9	117.2	117.4	117.2	116.8	116.0	114.5
-77.5°	91.9	91.2	91.5	91.6	91.5	91.2	91.9	92.3	92.4	92.0	90.4
-80°	68.4	68.4	67.8	67.1	67.8	68.4	68.4	68.2	67.9	67.2	66.1
-82.5°	47.0	47.3	46.6	45.8	46.6	47.3	47.0	46.6	46.1	45.5	44.7
-85°	26.3	26.1	25.3	24.5	25.3	26.1	26.3	26.5	26.6	26.6	25.7
-87.5°	8.5	8.2	8.2	8.2	8.2	8.2	8.5	8.9	9.2	9.5	9.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626807 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-740-U-MWR-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°	8.5	7.9	7.4	7.6	7.8	7.9	8.0	7.8	7.5	7.2	6.9
85°	24.8	23.8	22.8	22.5	22.2	21.8	21.3	20.3	19.4	18.3	17.2
82.5°	43.8	42.7	41.5	40.7	39.7	38.7	37.5	35.7	33.8	32.0	30.1
80°	64.8	63.4	61.8	60.4	58.9	57.2	55.2	52.5	49.6	46.7	44.0
77.5°	88.5	86.4	84.1	81.8	79.4	76.8	74.0	70.5	66.9	63.2	59.4
75°	112.6	110.3	107.7	104.6	101.2	97.6	93.8	89.6	85.1	80.4	75.7
72.5°	135.9	133.6	130.8	127.5	123.7	119.5	114.7	109.5	104.1	98.3	92.7
70°	158.7	155.7	153.0	150.1	146.5	142.1	136.6	130.3	123.7	117.1	110.6
67.5°	180.6	176.8	174.1	171.5	168.2	164.2	158.4	151.7	144.3	136.6	128.9
65°	202.5	198.2	195.5	193.1	190.0	186.0	179.9	173.0	165.2	156.6	147.7
62.5°	225.3	221.8	218.9	215.4	211.7	207.2	201.0	193.9	186.0	177.0	166.6
60°	246.6	244.0	239.4	235.2	231.4	226.7	219.4	212.5	206.1	195.7	184.5
57.5°	263.2	260.1	255.8	251.4	246.9	240.9	234.4	227.8	220.4	211.6	201.2
55°	276.9	273.6	269.6	265.2	260.3	253.6	246.9	239.9	232.7	225.4	215.3
52.5°	292.1	288.4	283.7	277.9	272.2	265.6	258.1	250.7	244.0	236.5	228.2
50°	310.0	305.6	300.2	294.1	286.4	278.2	270.3	261.7	254.6	247.4	238.9
47.5°	334.3	326.8	318.9	311.6	302.2	292.3	283.2	274.3	266.0	258.1	249.5
45°	370.6	356.6	341.6	331.6	319.7	308.3	296.6	286.6	277.0	268.2	260.1
42.5°	422.7	400.5	380.0	360.0	341.0	327.1	312.5	300.0	288.5	278.0	268.5
40°	498.1	459.8	431.5	400.0	374.4	349.9	331.3	314.3	301.0	288.5	277.0
37.5°	611.8	548.5	501.5	452.4	416.7	382.6	353.9	331.9	313.7	299.2	285.8
35°	787.8	689.1	601.0	531.5	468.3	423.4	383.3	352.4	329.2	310.3	294.6
32.5°	1063.0	906.2	746.4	643.6	546.0	472.7	421.2	378.6	345.7	323.2	304.4
30°	1490.8	1214.5	979.4	787.5	653.7	541.8	463.4	411.3	369.2	336.3	314.3
27.5°	2111.8	1627.8	1298.8	999.8	783.8	636.8	524.4	446.2	393.9	354.7	325.7
25°	2836.6	2257.3	1694.0	1289.6	971.6	744.3	595.8	495.2	424.5	373.8	335.7
22.5°	3600.7	2921.3	2246.2	1616.4	1204.5	901.5	687.9	544.6	453.4	394.3	350.3
20°	4358.8	3591.6	2822.5	2102.3	1488.2	1055.4	788.1	610.1	493.7	417.2	364.1
17.5°	5055.4	4249.5	3406.8	2574.2	1837.5	1289.4	915.1	676.3	528.9	437.5	376.1
15°	5715.2	4864.4	3975.4	3074.8	2210.8	1495.5	1023.3	734.1	565.5	461.1	391.8
12.5°	6312.7	5416.5	4481.1	3505.2	2542.2	1726.5	1167.6	819.2	610.5	485.6	406.5
10°	6834.2	5877.4	4880.7	3866.8	2862.6	1965.7	1304.1	891.7	649.4	505.9	418.6
7.5°	7208.8	6240.2	5198.2	4159.1	3123.2	2171.2	1420.1	949.1	680.0	521.4	427.9
5°	7484.2	6523.2	5462.9	4396.6	3316.6	2324.8	1506.7	989.5	701.8	532.2	434.4
2.5°	7673.1	6702.2	5640.1	4552.4	3428.9	2415.0	1561.9	1011.2	712.2	540.6	437.9
0°	7726.9	6753.2	5684.7	4634.2	3446.2	2426.7	1584.0	1014.5	711.8	544.9	438.5
-2.5°	7673.1	6702.2	5640.1	4552.4	3428.9	2415.0	1561.9	1011.2	712.2	540.6	437.9
-5°	7484.2	6523.2	5462.9	4396.6	3316.6	2324.8	1506.7	989.5	701.8	532.2	434.4
-7.5°	7208.8	6240.2	5198.2	4159.1	3123.2	2171.2	1420.1	949.1	680.0	521.4	427.9
-10°	6834.2	5877.4	4880.7	3866.8	2862.6	1965.7	1304.1	891.7	649.4	505.9	418.6
-12.5°	6312.7	5416.5	4481.1	3505.2	2542.2	1726.5	1167.6	819.2	610.5	485.6	406.5
-15°	5715.2	4864.4	3975.4	3074.8	2210.8	1495.5	1023.3	734.1	565.5	461.1	391.8
-17.5°	5055.4	4249.5	3406.8	2574.2	1837.5	1289.4	915.1	676.3	528.9	437.5	376.1
-20°	4358.8	3591.6	2822.5	2102.3	1488.2	1055.4	788.1	610.1	493.7	417.2	364.1



REPORT NUMBER: P626807 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3600.7	2921.3	2246.2	1616.4	1204.5	901.5	687.9	544.6	453.4	394.3	350.3
-25°	2836.6	2257.3	1694.0	1289.6	971.6	744.3	595.8	495.2	424.5	373.8	335.7
-27.5°	2111.8	1627.8	1298.8	999.8	783.8	636.8	524.4	446.2	393.9	354.7	325.7
-30°	1490.8	1214.5	979.4	787.5	653.7	541.8	463.4	411.3	369.2	336.3	314.3
-32.5°	1063.0	906.2	746.4	643.6	546.0	472.7	421.2	378.6	345.7	323.2	304.4
-35°	787.8	689.1	601.0	531.5	468.3	423.4	383.3	352.4	329.2	310.3	294.6
-37.5°	611.8	548.5	501.5	452.4	416.7	382.6	353.9	331.9	313.7	299.2	285.8
-40°	498.1	459.8	431.5	400.0	374.4	349.9	331.3	314.3	301.0	288.5	277.0
-42.5°	422.7	400.5	380.0	360.0	341.0	327.1	312.5	300.0	288.5	278.0	268.5
-45°	370.6	356.6	341.6	331.6	319.7	308.3	296.6	286.6	277.0	268.2	260.1
-47.5°	334.3	326.8	318.9	311.6	302.2	292.3	283.2	274.3	266.0	258.1	249.5
-50°	310.0	305.6	300.2	294.1	286.4	278.2	270.3	261.7	254.6	247.4	238.9
-52.5°	292.1	288.4	283.7	277.9	272.2	265.6	258.1	250.7	244.0	236.5	228.2
-55°	276.9	273.6	269.6	265.2	260.3	253.6	246.9	239.9	232.7	225.4	215.3
-57.5°	263.2	260.1	255.8	251.4	246.9	240.9	234.4	227.8	220.4	211.6	201.2
-60°	246.6	244.0	239.4	235.2	231.4	226.7	219.4	212.5	206.1	195.7	184.5
-62.5°	225.3	221.8	218.9	215.4	211.7	207.2	201.0	193.9	186.0	177.0	166.6
-65°	202.5	198.2	195.5	193.1	190.0	186.0	179.9	173.0	165.2	156.6	147.7
-67.5°	180.6	176.8	174.1	171.5	168.2	164.2	158.4	151.7	144.3	136.6	128.9
-70°	158.7	155.7	153.0	150.1	146.5	142.1	136.6	130.3	123.7	117.1	110.6
-72.5°	135.9	133.6	130.8	127.5	123.7	119.5	114.7	109.5	104.1	98.3	92.7
-75°	112.6	110.3	107.7	104.6	101.2	97.6	93.8	89.6	85.1	80.4	75.7
-77.5°	88.5	86.4	84.1	81.8	79.4	76.8	74.0	70.5	66.9	63.2	59.4
-80°	64.8	63.4	61.8	60.4	58.9	57.2	55.2	52.5	49.6	46.7	44.0
-82.5°	43.8	42.7	41.5	40.7	39.7	38.7	37.5	35.7	33.8	32.0	30.1
-85°	24.8	23.8	22.8	22.5	22.2	21.8	21.3	20.3	19.4	18.3	17.2
-87.5°	8.5	7.9	7.4	7.6	7.8	7.9	8.0	7.8	7.5	7.2	6.9
-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: P626807 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-740-U-MWR-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°	6.6	6.3	6.0	5.6	5.3	4.9	4.5	4.1	3.6	3.1	2.6
85°	16.1	14.9	13.7	12.4	11.1	9.8	9.0	8.3	7.2	6.1	5.2
82.5°	28.3	26.5	24.6	22.7	20.5	18.3	16.2	14.1	11.8	9.4	7.7
80°	41.5	38.9	36.2	33.4	30.2	26.8	23.9	21.0	18.2	15.2	12.0
77.5°	55.8	52.1	48.2	44.6	40.9	36.9	32.7	28.3	24.5	21.0	17.2
75°	71.1	66.5	61.8	57.0	52.0	47.0	42.1	37.1	32.0	26.9	22.4
72.5°	87.3	81.6	75.8	69.8	64.0	58.0	51.9	45.8	39.9	33.9	27.8
70°	103.9	97.0	90.2	83.4	76.3	69.0	62.0	54.9	47.7	40.8	33.9
67.5°	120.9	113.1	105.1	97.1	89.2	81.0	72.2	63.8	55.7	47.7	39.9
65°	138.8	129.6	120.1	111.1	102.0	93.0	83.5	73.0	63.5	54.6	45.8
62.5°	156.4	146.3	135.7	124.9	114.7	104.6	94.5	82.9	71.4	61.3	51.6
60°	173.4	162.1	150.7	138.8	127.1	115.9	104.6	92.4	79.9	67.8	57.3
57.5°	189.0	177.2	164.5	151.9	139.3	126.9	114.4	101.5	88.3	74.9	62.7
55°	203.7	190.8	177.5	163.9	150.7	137.5	124.0	110.2	96.3	82.0	68.1
52.5°	217.5	204.0	189.9	175.5	161.2	147.5	133.3	118.6	103.9	88.9	74.1
50°	229.5	216.8	201.9	186.7	171.2	156.8	142.3	126.8	111.2	95.4	79.9
47.5°	239.6	228.0	213.5	197.5	181.2	165.8	150.7	134.7	118.3	101.7	85.4
45°	249.5	238.3	224.3	208.0	191.2	174.9	158.8	142.3	125.1	107.8	90.7
42.5°	258.8	247.6	234.5	218.0	200.6	183.6	166.7	149.5	131.7	113.6	95.8
40°	266.7	255.7	244.2	227.6	209.6	191.8	174.2	156.4	137.9	119.1	100.5
37.5°	274.3	263.1	251.2	236.7	217.9	199.5	181.2	163.0	144.0	124.4	105.0
35°	281.8	270.2	257.5	243.8	225.8	206.6	187.8	169.2	149.6	129.5	109.2
32.5°	288.4	276.5	263.4	249.5	233.0	213.3	193.9	174.7	154.8	134.3	113.1
30°	296.3	281.8	268.6	255.1	239.1	219.3	199.5	179.7	159.6	138.9	116.8
27.5°	303.9	286.9	273.3	259.8	243.9	224.8	204.7	184.4	164.0	143.0	120.4
25°	311.3	292.8	277.7	263.7	248.6	230.1	209.5	188.7	167.9	146.6	123.8
22.5°	319.7	298.1	281.8	267.1	253.0	234.9	213.8	192.6	171.4	149.8	126.8
20°	327.2	302.6	285.6	270.2	256.3	238.5	217.7	196.1	174.5	152.6	129.6
17.5°	334.5	307.6	289.3	273.3	258.8	241.7	221.1	199.1	177.2	155.1	132.1
15°	344.7	313.3	292.5	275.9	260.9	244.4	224.0	201.8	179.5	157.2	134.3
12.5°	353.4	318.1	295.1	278.1	262.6	246.6	226.4	203.9	181.4	159.1	136.2
10°	360.4	321.9	297.2	279.8	263.9	248.3	228.3	205.8	183.2	160.7	137.8
7.5°	365.8	324.8	298.6	280.9	264.8	249.6	230.1	207.4	184.6	162.0	139.1
5°	369.4	326.6	299.9	281.6	265.3	250.4	231.4	208.6	185.7	162.9	140.0
2.5°	371.3	327.5	300.8	281.8	265.4	250.6	232.1	209.3	186.3	163.4	140.5
0°	371.5	327.3	301.1	281.5	265.1	250.4	232.4	209.5	186.5	163.6	140.7
-2.5°	371.3	327.5	300.8	281.8	265.4	250.6	232.1	209.3	186.3	163.4	140.5
-5°	369.4	326.6	299.9	281.6	265.3	250.4	231.4	208.6	185.7	162.9	140.0
-7.5°	365.8	324.8	298.6	280.9	264.8	249.6	230.1	207.4	184.6	162.0	139.1
-10°	360.4	321.9	297.2	279.8	263.9	248.3	228.3	205.8	183.2	160.7	137.8
-12.5°	353.4	318.1	295.1	278.1	262.6	246.6	226.4	203.9	181.4	159.1	136.2
-15°	344.7	313.3	292.5	275.9	260.9	244.4	224.0	201.8	179.5	157.2	134.3
-17.5°	334.5	307.6	289.3	273.3	258.8	241.7	221.1	199.1	177.2	155.1	132.1
-20°	327.2	302.6	285.6	270.2	256.3	238.5	217.7	196.1	174.5	152.6	129.6

Classified

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Scaled Data Report



REPORT NUMBER: P626807 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	319.7	298.1	281.8	267.1	253.0	234.9	213.8	192.6	171.4	149.8	126.8
-25°	311.3	292.8	277.7	263.7	248.6	230.1	209.5	188.7	167.9	146.6	123.8
-27.5°	303.9	286.9	273.3	259.8	243.9	224.8	204.7	184.4	164.0	143.0	120.4
-30°	296.3	281.8	268.6	255.1	239.1	219.3	199.5	179.7	159.6	138.9	116.8
-32.5°	288.4	276.5	263.4	249.5	233.0	213.3	193.9	174.7	154.8	134.3	113.1
-35°	281.8	270.2	257.5	243.8	225.8	206.6	187.8	169.2	149.6	129.5	109.2
-37.5°	274.3	263.1	251.2	236.7	217.9	199.5	181.2	163.0	144.0	124.4	105.0
-40°	266.7	255.7	244.2	227.6	209.6	191.8	174.2	156.4	137.9	119.1	100.5
-42.5°	258.8	247.6	234.5	218.0	200.6	183.6	166.7	149.5	131.7	113.6	95.8
-45°	249.5	238.3	224.3	208.0	191.2	174.9	158.8	142.3	125.1	107.8	90.7
-47.5°	239.6	228.0	213.5	197.5	181.2	165.8	150.7	134.7	118.3	101.7	85.4
-50°	229.5	216.8	201.9	186.7	171.2	156.8	142.3	126.8	111.2	95.4	79.9
-52.5°	217.5	204.0	189.9	175.5	161.2	147.5	133.3	118.6	103.9	88.9	74.1
-55°	203.7	190.8	177.5	163.9	150.7	137.5	124.0	110.2	96.3	82.0	68.1
-57.5°	189.0	177.2	164.5	151.9	139.3	126.9	114.4	101.5	88.3	74.9	62.7
-60°	173.4	162.1	150.7	138.8	127.1	115.9	104.6	92.4	79.9	67.8	57.3
-62.5°	156.4	146.3	135.7	124.9	114.7	104.6	94.5	82.9	71.4	61.3	51.6
-65°	138.8	129.6	120.1	111.1	102.0	93.0	83.5	73.0	63.5	54.6	45.8
-67.5°	120.9	113.1	105.1	97.1	89.2	81.0	72.2	63.8	55.7	47.7	39.9
-70°	103.9	97.0	90.2	83.4	76.3	69.0	62.0	54.9	47.7	40.8	33.9
-72.5°	87.3	81.6	75.8	69.8	64.0	58.0	51.9	45.8	39.9	33.9	27.8
-75°	71.1	66.5	61.8	57.0	52.0	47.0	42.1	37.1	32.0	26.9	22.4
-77.5°	55.8	52.1	48.2	44.6	40.9	36.9	32.7	28.3	24.5	21.0	17.2
-80°	41.5	38.9	36.2	33.4	30.2	26.8	23.9	21.0	18.2	15.2	12.0
-82.5°	28.3	26.5	24.6	22.7	20.5	18.3	16.2	14.1	11.8	9.4	7.7
-85°	16.1	14.9	13.7	12.4	11.1	9.8	9.0	8.3	7.2	6.1	5.2
-87.5°	6.6	6.3	6.0	5.6	5.3	4.9	4.5	4.1	3.6	3.1	2.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GFLD-SA1E-740-U-MWR-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°	2.1	1.8	1.4	1.1	0.7	0.4	0.0
85°	4.2	3.5	2.8	2.1	1.4	0.7	0.0
82.5°	6.3	5.3	4.3	3.2	2.1	1.1	0.0
80°	8.7	7.1	5.7	4.3	2.8	1.4	0.0
77.5°	13.3	9.5	7.1	5.3	3.5	1.8	0.0
75°	17.9	13.3	8.7	6.3	4.2	2.1	0.0
72.5°	22.3	17.1	11.8	7.4	4.9	2.5	0.0
70°	26.9	20.8	14.7	8.6	5.6	2.8	0.0
67.5°	32.0	24.4	17.6	10.8	6.3	3.1	0.0
65°	37.0	28.3	20.5	13.0	6.9	3.5	0.0
62.5°	41.9	32.3	23.3	15.1	7.6	3.8	0.0
60°	46.6	36.2	26.1	17.1	8.2	4.1	0.0
57.5°	51.4	40.0	29.1	19.2	9.5	4.4	0.0
55°	56.0	43.7	32.0	21.1	10.8	4.7	0.0
52.5°	60.6	47.3	34.8	23.0	12.0	5.0	0.0
50°	65.0	51.0	37.5	24.9	13.2	5.3	0.0
47.5°	69.4	54.6	40.1	26.7	14.3	5.5	0.0
45°	73.9	58.1	42.6	28.5	15.4	5.8	0.0
42.5°	78.2	61.4	45.0	30.3	16.5	6.0	0.0
40°	82.3	64.6	47.4	31.9	17.4	6.3	0.0
37.5°	86.2	67.7	49.8	33.5	18.4	6.5	0.0
35°	89.8	70.7	52.1	34.9	19.2	6.7	0.0
32.5°	93.2	73.5	54.3	36.2	20.0	6.9	0.0
30°	96.3	76.1	56.3	37.5	20.7	7.1	0.0
27.5°	99.1	78.5	58.2	38.6	21.4	7.3	0.0
25°	101.7	80.8	59.8	39.7	22.0	7.4	0.0
22.5°	104.0	82.7	61.3	40.6	22.6	7.6	0.0
20°	106.1	84.4	62.6	41.5	23.0	7.7	0.0
17.5°	108.0	85.8	63.8	42.2	23.5	7.8	0.0
15°	109.6	87.1	64.8	42.8	23.8	7.9	0.0
12.5°	111.1	88.1	65.6	43.3	24.1	8.0	0.0
10°	112.3	88.9	66.3	43.7	24.3	8.1	0.0
7.5°	113.2	89.5	66.7	44.0	24.4	8.1	0.0
5°	113.9	89.9	67.0	44.2	24.5	8.2	0.0
2.5°	114.4	90.1	67.2	44.2	24.5	8.2	0.0
0°	114.5	90.0	67.1	44.2	24.5	8.2	0.0
-2.5°	114.4	90.1	67.2	44.2	24.5	8.2	0.0
-5°	113.9	89.9	67.0	44.2	24.5	8.2	0.0
-7.5°	113.2	89.5	66.7	44.0	24.4	8.1	0.0
-10°	112.3	88.9	66.3	43.7	24.3	8.1	0.0
-12.5°	111.1	88.1	65.6	43.3	24.1	8.0	0.0
-15°	109.6	87.1	64.8	42.8	23.8	7.9	0.0
-17.5°	108.0	85.8	63.8	42.2	23.5	7.8	0.0
-20°	106.1	84.4	62.6	41.5	23.0	7.7	0.0

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CATALOG NUMBER: GFLD-SA1E-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	104.0	82.7	61.3	40.6	22.6	7.6	0.0
-25°	101.7	80.8	59.8	39.7	22.0	7.4	0.0
-27.5°	99.1	78.5	58.2	38.6	21.4	7.3	0.0
-30°	96.3	76.1	56.3	37.5	20.7	7.1	0.0
-32.5°	93.2	73.5	54.3	36.2	20.0	6.9	0.0
-35°	89.8	70.7	52.1	34.9	19.2	6.7	0.0
-37.5°	86.2	67.7	49.8	33.5	18.4	6.5	0.0
-40°	82.3	64.6	47.4	31.9	17.4	6.3	0.0
-42.5°	78.2	61.4	45.0	30.3	16.5	6.0	0.0
-45°	73.9	58.1	42.6	28.5	15.4	5.8	0.0
-47.5°	69.4	54.6	40.1	26.7	14.3	5.5	0.0
-50°	65.0	51.0	37.5	24.9	13.2	5.3	0.0
-52.5°	60.6	47.3	34.8	23.0	12.0	5.0	0.0
-55°	56.0	43.7	32.0	21.1	10.8	4.7	0.0
-57.5°	51.4	40.0	29.1	19.2	9.5	4.4	0.0
-60°	46.6	36.2	26.1	17.1	8.2	4.1	0.0
-62.5°	41.9	32.3	23.3	15.1	7.6	3.8	0.0
-65°	37.0	28.3	20.5	13.0	6.9	3.5	0.0
-67.5°	32.0	24.4	17.6	10.8	6.3	3.1	0.0
-70°	26.9	20.8	14.7	8.6	5.6	2.8	0.0
-72.5°	22.3	17.1	11.8	7.4	4.9	2.5	0.0
-75°	17.9	13.3	8.7	6.3	4.2	2.1	0.0
-77.5°	13.3	9.5	7.1	5.3	3.5	1.8	0.0
-80°	8.7	7.1	5.7	4.3	2.8	1.4	0.0
-82.5°	6.3	5.3	4.3	3.2	2.1	1.1	0.0
-85°	4.2	3.5	2.8	2.1	1.4	0.7	0.0
-87.5°	2.1	1.8	1.4	1.1	0.7	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)