

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: P626703 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-750-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626703 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1C-750-U-WR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N33
Light Source: (16) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

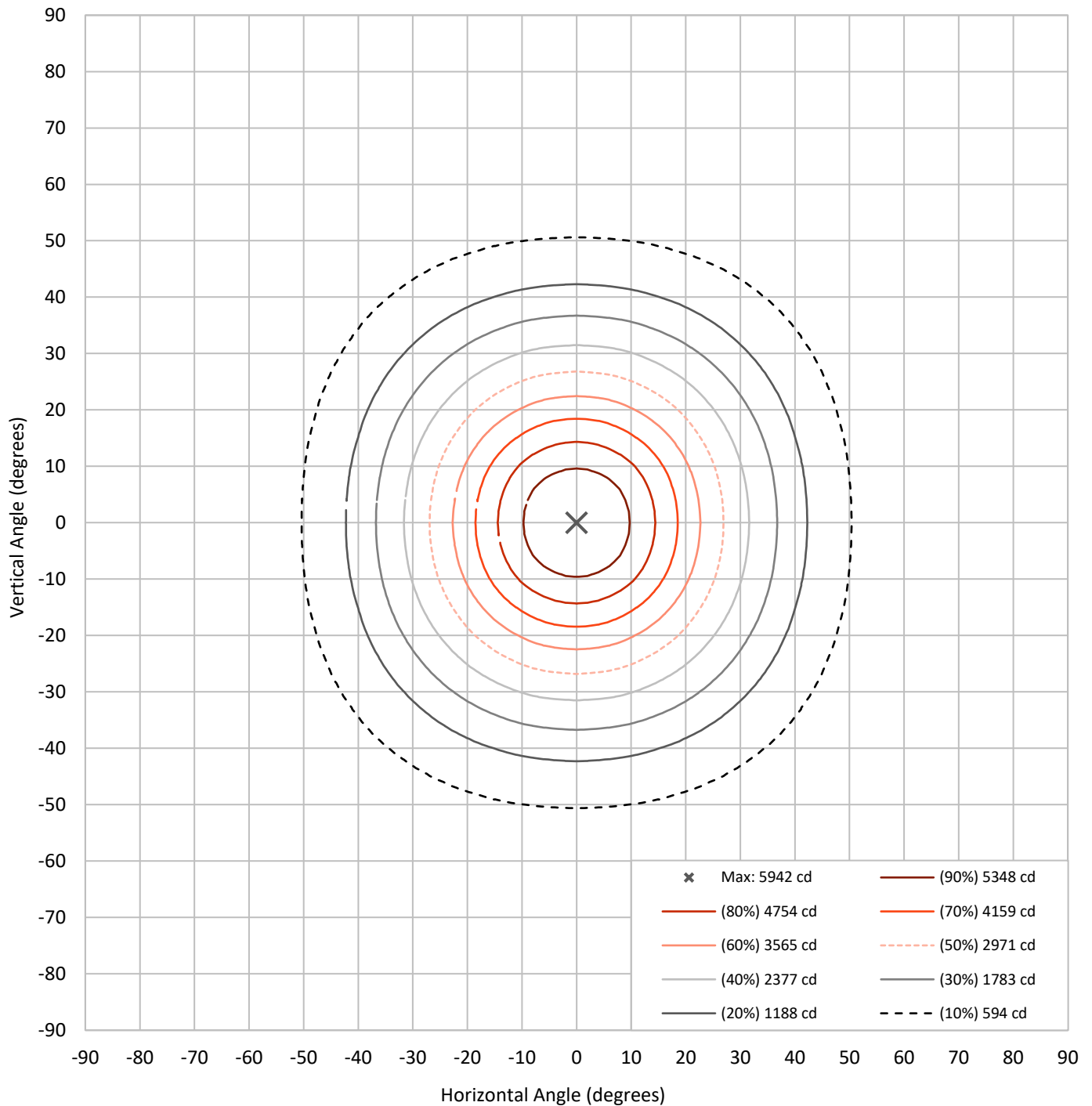
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	6047.6 lumens	Max Intensity:	5942 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	139.0 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	53.8°H x 53.6°V	Field Angle (10%):	100.8°H x 101.2°V
Beam Lumens:	2891.6 lumens	Field Lumens:	5337.2 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	43.5		
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





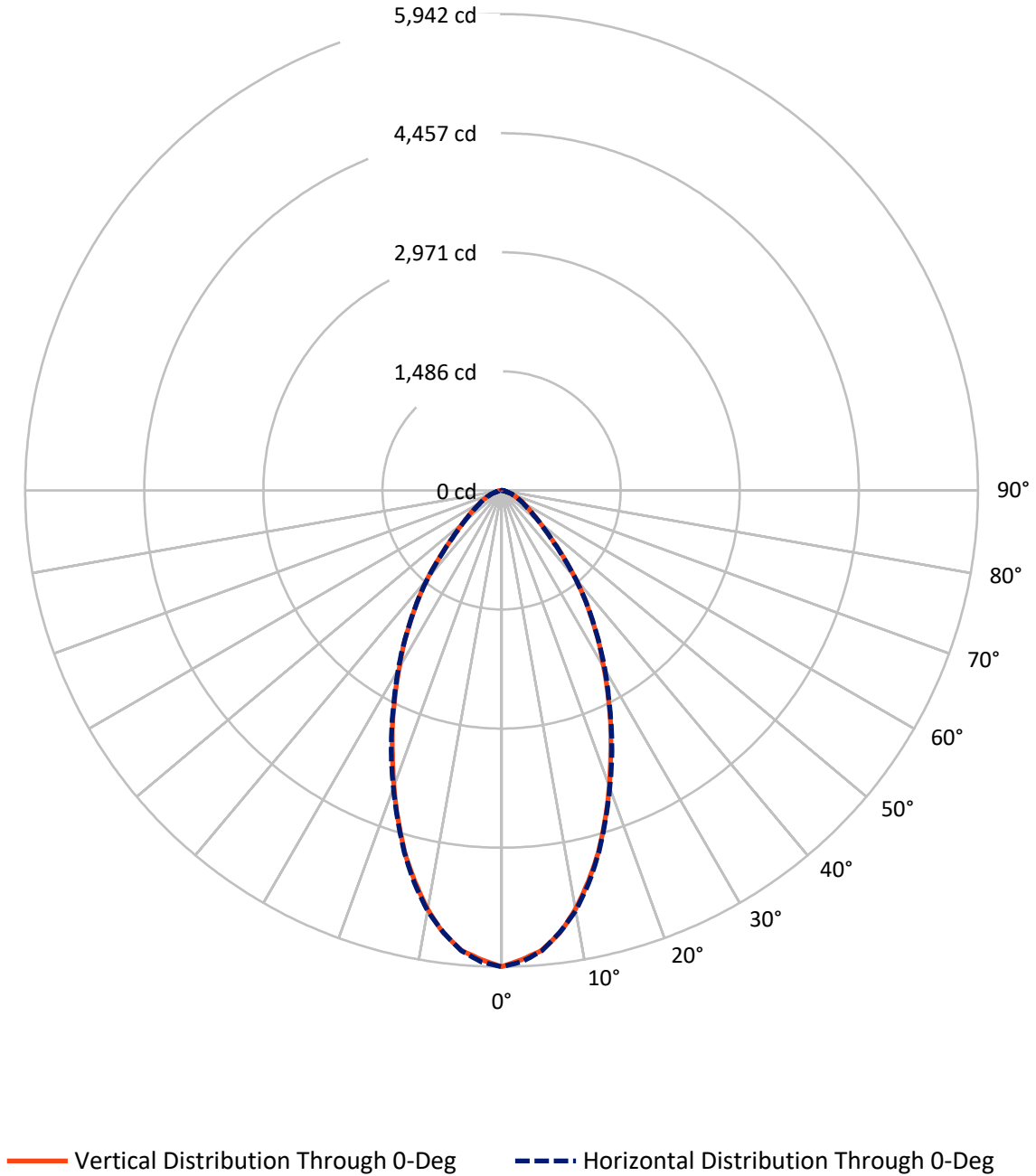
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Lumen Table

90																
80	0.2	1.7		3.8		6.3		5.4		6.3		3.8		1.7		0.2
70																
60	0.8	0.9	1.7	2.8	4.0	5.2	6.1	6.6	6.6	6.1	5.2	4.0	2.8	1.7	0.9	0.8
50		1.3	2.6	4.5	7.0	9.6	11.9	13.3	13.3	11.9	9.6	7.0	4.5	2.6	1.3	
40	1.2	1.7	3.6	6.8	11.4	17.6	24.2	28.6	28.6	24.2	17.6	11.4	6.8	3.6	1.7	1.2
30		2.0	4.7	9.8	19.2	34.0	49.4	58.7	58.7	49.4	34.0	19.2	9.8	4.7	2.0	
20	1.4	2.4	5.9	13.8	31.0	55.7	79.7	95.3	95.3	79.7	55.7	31.0	13.8	5.9	2.4	1.4
10		2.6	6.9	17.9	42.3	75.2	111.0	136.6	136.6	111.0	75.2	42.3	17.9	6.9	2.6	
0	1.4	2.8	7.5	20.5	48.7	87.4	133.1	167.3	167.3	133.1	87.4	48.7	20.5	7.5	2.8	1.4
-10		2.8	7.5	20.5	48.7	87.4	133.1	167.3	167.3	133.1	87.4	48.7	20.5	7.5	2.8	
-20	1.4	2.6	6.9	17.9	42.3	75.2	111.0	136.6	136.6	111.0	75.2	42.3	17.9	6.9	2.6	1.4
-30		2.4	5.9	13.8	31.0	55.7	79.7	95.3	95.3	79.7	55.7	31.0	13.8	5.9	2.4	
-40	1.2	2.0	4.7	9.8	19.2	34.0	49.4	58.7	58.7	49.4	34.0	19.2	9.8	4.7	2.0	1.2
-50		1.7	3.6	6.8	11.4	17.6	24.2	28.6	28.6	24.2	17.6	11.4	6.8	3.6	1.7	
-60	0.8	1.3	2.6	4.5	7.0	9.6	11.9	13.3	13.3	11.9	9.6	7.0	4.5	2.6	1.3	0.8
-70		0.9	1.7	2.8	4.0	5.2	6.1	6.6	6.6	6.1	5.2	4.0	2.8	1.7	0.9	
-80																
-90	0.2	1.7		3.8		6.3		5.4		6.3		3.8		1.7		0.2

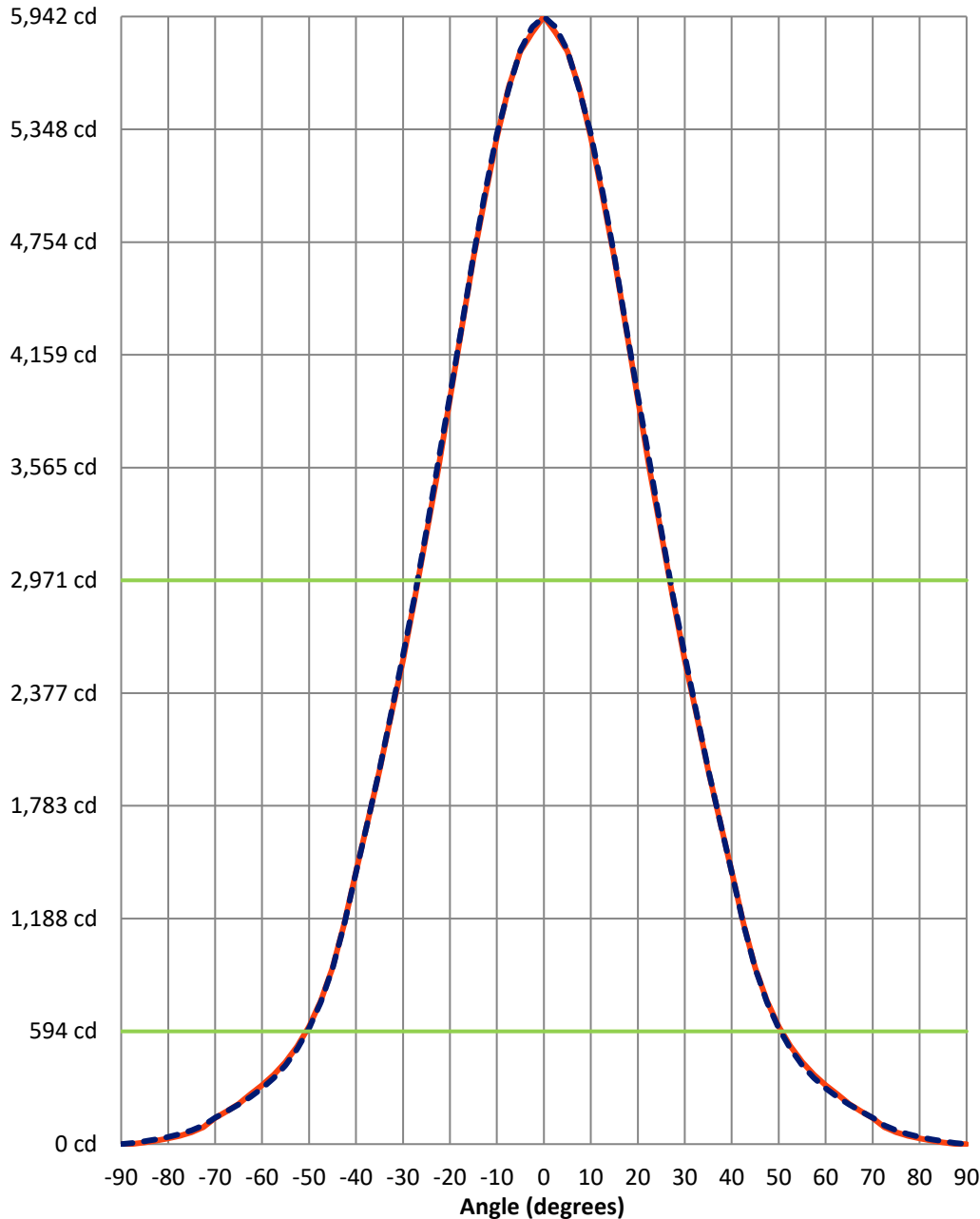
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 2891.6
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 5337.2
 Efficiency: 88.3%

Spill:
 Lumens: 710.4
 Efficiency: 11.7%

- 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	0.3	0.7	1.1	1.6	2.2	2.8	3.1	3.4	3.6	3.7
85°	0.0	0.6	1.4	2.3	3.3	4.4	5.6	6.2	6.7	7.1	7.4
82.5°	0.0	0.9	2.1	3.4	4.9	6.6	8.4	9.4	10.3	12.0	13.4
80°	0.0	1.2	2.8	4.5	6.5	8.7	11.4	14.2	16.6	18.8	20.7
77.5°	0.0	1.5	3.4	5.6	8.1	11.3	16.3	19.9	22.9	25.6	28.3
75°	0.0	1.8	4.1	6.7	9.8	14.8	21.1	25.6	29.2	32.9	36.8
72.5°	0.0	2.1	4.7	7.8	12.1	18.2	25.7	31.2	35.6	40.2	45.2
70°	0.0	2.4	5.4	8.9	14.4	21.5	30.1	36.5	41.8	47.4	54.0
67.5°	0.0	2.6	6.0	10.2	16.5	24.6	33.9	41.7	47.8	54.9	62.8
65°	0.0	2.9	6.6	11.6	18.6	27.4	37.5	46.7	53.9	62.0	71.1
62.5°	0.0	3.2	7.2	12.8	20.5	30.1	40.9	51.5	59.6	68.9	78.8
60°	0.0	3.4	7.7	14.0	22.3	32.5	44.1	56.0	65.1	75.6	86.3
57.5°	0.0	3.6	8.4	15.1	24.0	34.8	46.9	60.1	70.7	82.0	93.2
55°	0.0	3.9	9.0	16.1	25.6	36.9	49.6	63.4	76.1	88.2	99.9
52.5°	0.0	4.1	9.6	17.0	27.0	38.8	52.0	66.9	81.3	94.1	106.3
50°	0.0	4.3	10.2	17.8	28.3	40.6	54.2	70.3	86.4	99.8	113.4
47.5°	0.0	4.5	10.8	18.6	29.5	42.2	56.3	73.3	91.4	105.4	120.3
45°	0.0	4.7	11.3	19.3	30.5	43.6	58.6	76.0	94.9	111.4	127.0
42.5°	0.0	4.9	11.8	20.0	31.4	44.8	60.6	78.7	98.2	117.2	134.0
40°	0.0	5.0	12.3	20.8	32.2	45.8	62.4	81.3	101.4	122.6	140.8
37.5°	0.0	5.2	12.7	21.5	32.9	46.7	64.0	83.6	105.0	126.8	147.2
35°	0.0	5.3	13.1	22.2	33.5	47.6	65.3	85.7	108.4	131.5	153.7
32.5°	0.0	5.5	13.5	22.8	33.9	48.5	66.4	87.6	111.6	136.3	160.4
30°	0.0	5.6	13.8	23.4	34.2	49.2	67.8	89.3	114.6	141.1	166.7
27.5°	0.0	5.7	14.1	23.9	35.0	49.7	68.8	91.6	117.8	146.0	172.6
25°	0.0	5.7	14.4	24.4	35.7	50.0	69.7	93.5	121.4	150.7	178.1
22.5°	0.0	5.8	14.6	24.7	36.3	50.4	70.2	95.3	124.8	155.0	184.1
20°	0.0	5.9	14.8	25.0	36.8	51.3	70.6	96.8	128.0	158.9	189.5
17.5°	0.0	5.9	15.0	25.3	37.3	52.1	71.4	98.0	130.9	162.3	194.3
15°	0.0	6.0	15.1	25.5	37.6	52.7	72.3	99.1	133.5	165.3	198.3
12.5°	0.0	6.0	15.2	25.6	37.9	53.1	73.0	100.1	135.8	167.8	201.7
10°	0.0	6.0	15.3	25.6	38.1	53.4	73.5	100.7	137.5	169.8	204.5
7.5°	0.0	6.0	15.3	25.6	38.1	53.5	73.6	100.8	138.8	171.4	206.6
5°	0.0	6.0	15.2	25.5	38.1	53.4	73.6	100.5	139.4	172.5	208.0
2.5°	0.0	5.9	15.2	25.4	38.0	53.2	73.3	99.8	139.5	173.1	208.7
0°	0.0	5.9	15.1	25.2	37.8	52.9	72.7	98.7	139.0	173.0	208.7
-2.5°	0.0	5.9	15.2	25.4	38.0	53.2	73.3	99.8	139.5	173.1	208.7
-5°	0.0	6.0	15.2	25.5	38.1	53.4	73.6	100.5	139.4	172.5	208.0
-7.5°	0.0	6.0	15.3	25.6	38.1	53.5	73.6	100.8	138.8	171.4	206.6
-10°	0.0	6.0	15.3	25.6	38.1	53.4	73.5	100.7	137.5	169.8	204.5
-12.5°	0.0	6.0	15.2	25.6	37.9	53.1	73.0	100.1	135.8	167.8	201.7
-15°	0.0	6.0	15.1	25.5	37.6	52.7	72.3	99.1	133.5	165.3	198.3
-17.5°	0.0	5.9	15.0	25.3	37.3	52.1	71.4	98.0	130.9	162.3	194.3
-20°	0.0	5.9	14.8	25.0	36.8	51.3	70.6	96.8	128.0	158.9	189.5

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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	5.8	14.6	24.7	36.3	50.4	70.2	95.3	124.8	155.0	184.1
-25°	0.0	5.7	14.4	24.4	35.7	50.0	69.7	93.5	121.4	150.7	178.1
-27.5°	0.0	5.7	14.1	23.9	35.0	49.7	68.8	91.6	117.8	146.0	172.6
-30°	0.0	5.6	13.8	23.4	34.2	49.2	67.8	89.3	114.6	141.1	166.7
-32.5°	0.0	5.5	13.5	22.8	33.9	48.5	66.4	87.6	111.6	136.3	160.4
-35°	0.0	5.3	13.1	22.2	33.5	47.6	65.3	85.7	108.4	131.5	153.7
-37.5°	0.0	5.2	12.7	21.5	32.9	46.7	64.0	83.6	105.0	126.8	147.2
-40°	0.0	5.0	12.3	20.8	32.2	45.8	62.4	81.3	101.4	122.6	140.8
-42.5°	0.0	4.9	11.8	20.0	31.4	44.8	60.6	78.7	98.2	117.2	134.0
-45°	0.0	4.7	11.3	19.3	30.5	43.6	58.6	76.0	94.9	111.4	127.0
-47.5°	0.0	4.5	10.8	18.6	29.5	42.2	56.3	73.3	91.4	105.4	120.3
-50°	0.0	4.3	10.2	17.8	28.3	40.6	54.2	70.3	86.4	99.8	113.4
-52.5°	0.0	4.1	9.6	17.0	27.0	38.8	52.0	66.9	81.3	94.1	106.3
-55°	0.0	3.9	9.0	16.1	25.6	36.9	49.6	63.4	76.1	88.2	99.9
-57.5°	0.0	3.6	8.4	15.1	24.0	34.8	46.9	60.1	70.7	82.0	93.2
-60°	0.0	3.4	7.7	14.0	22.3	32.5	44.1	56.0	65.1	75.6	86.3
-62.5°	0.0	3.2	7.2	12.8	20.5	30.1	40.9	51.5	59.6	68.9	78.8
-65°	0.0	2.9	6.6	11.6	18.6	27.4	37.5	46.7	53.9	62.0	71.1
-67.5°	0.0	2.6	6.0	10.2	16.5	24.6	33.9	41.7	47.8	54.9	62.8
-70°	0.0	2.4	5.4	8.9	14.4	21.5	30.1	36.5	41.8	47.4	54.0
-72.5°	0.0	2.1	4.7	7.8	12.1	18.2	25.7	31.2	35.6	40.2	45.2
-75°	0.0	1.8	4.1	6.7	9.8	14.8	21.1	25.6	29.2	32.9	36.8
-77.5°	0.0	1.5	3.4	5.6	8.1	11.3	16.3	19.9	22.9	25.6	28.3
-80°	0.0	1.2	2.8	4.5	6.5	8.7	11.4	14.2	16.6	18.8	20.7
-82.5°	0.0	0.9	2.1	3.4	4.9	6.6	8.4	9.4	10.3	12.0	13.4
-85°	0.0	0.6	1.4	2.3	3.3	4.4	5.6	6.2	6.7	7.1	7.4
-87.5°	0.0	0.3	0.7	1.1	1.6	2.2	2.8	3.1	3.4	3.6	3.7
-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°	3.8	3.8	3.7	3.6	3.5	3.2	3.0	2.7	2.8	2.9	3.0
85°	7.6	7.6	8.2	8.8	9.1	9.1	8.9	8.5	9.6	10.9	12.2
82.5°	14.8	16.1	17.3	18.4	18.5	18.2	17.7	17.0	19.3	22.0	24.8
80°	22.6	24.5	26.7	28.8	29.2	29.0	28.4	27.4	30.3	34.5	39.0
77.5°	31.4	34.4	37.2	39.8	40.6	40.5	40.0	39.2	42.9	48.7	54.8
75°	40.7	44.3	48.0	51.1	52.5	52.6	52.4	53.3	58.3	65.1	71.1
72.5°	50.4	55.0	59.1	62.6	64.8	66.4	68.6	71.3	76.3	83.0	88.8
70°	60.6	65.7	70.0	73.9	77.2	80.8	85.5	90.1	95.3	102.0	108.1
67.5°	70.7	75.9	80.7	85.5	91.5	97.3	103.1	109.1	115.8	122.8	129.0
65°	80.0	85.9	91.8	98.7	106.6	113.2	120.3	128.1	136.9	144.7	151.9
62.5°	89.0	95.6	102.9	111.3	119.8	128.1	137.6	147.7	157.9	167.8	177.5
60°	96.6	104.8	113.7	123.1	133.0	144.2	155.4	167.4	179.6	191.5	203.6
57.5°	103.8	114.1	124.3	135.2	147.5	160.4	173.8	187.3	201.9	216.2	230.0
55°	111.4	123.4	135.1	148.0	162.1	177.2	192.4	208.8	224.8	243.0	259.7
52.5°	119.5	132.6	146.2	161.1	177.6	194.6	212.4	231.1	251.2	271.3	291.7
50°	127.3	142.1	157.3	175.1	193.5	212.9	233.5	255.4	278.7	302.0	326.7
47.5°	135.6	151.3	169.9	189.3	210.3	232.4	255.7	281.7	307.6	337.0	365.3
45°	143.7	161.8	182.0	204.5	227.6	252.5	280.2	308.8	341.8	374.9	412.2
42.5°	151.5	172.4	195.2	219.2	245.5	274.1	304.8	340.7	377.9	419.0	462.6
40°	160.5	182.5	208.1	234.9	263.5	296.2	333.2	373.0	418.4	467.0	516.6
37.5°	169.1	193.9	220.9	250.0	283.2	320.0	360.8	409.6	462.0	517.3	584.8
35°	177.3	204.8	234.1	266.0	301.9	344.6	393.3	447.3	507.7	579.0	657.8
32.5°	185.9	215.0	246.6	282.4	323.0	369.6	425.0	488.5	560.0	641.2	739.7
30°	194.6	225.6	259.0	297.7	342.8	396.8	459.8	530.0	612.2	713.9	829.7
27.5°	202.7	235.5	272.0	313.9	362.1	421.9	493.2	575.5	672.3	787.3	922.5
25°	210.1	244.5	284.1	329.3	383.4	449.0	526.3	617.4	732.5	869.6	1035.9
22.5°	217.2	252.7	294.9	343.2	402.6	475.2	562.2	666.4	793.6	947.5	1147.0
20°	223.8	261.6	305.7	356.5	419.8	498.8	595.2	712.2	857.0	1039.2	1255.9
17.5°	229.6	269.4	315.8	370.8	438.9	522.9	626.4	752.6	913.4	1121.0	1356.5
15°	234.6	276.1	324.6	383.3	456.2	546.8	659.0	796.9	972.2	1195.4	1444.8
12.5°	238.8	281.8	332.1	393.7	470.6	567.0	686.9	836.5	1029.5	1265.6	1522.2
10°	242.1	286.3	338.0	402.2	482.3	583.4	709.9	868.8	1077.2	1325.6	1587.8
7.5°	244.9	289.8	342.6	408.6	491.1	596.0	727.8	893.7	1114.5	1373.2	1638.1
5°	246.8	292.4	346.1	413.1	497.6	604.7	740.3	911.2	1141.0	1407.7	1672.4
2.5°	248.0	293.8	348.1	415.5	501.6	609.7	746.9	922.2	1155.6	1427.4	1693.2
0°	248.2	294.0	348.6	415.8	502.7	610.6	747.9	925.6	1158.7	1432.5	1700.8
-2.5°	248.0	293.8	348.1	415.5	501.6	609.7	746.9	922.2	1155.6	1427.4	1693.2
-5°	246.8	292.4	346.1	413.1	497.6	604.7	740.3	911.2	1141.0	1407.7	1672.4
-7.5°	244.9	289.8	342.6	408.6	491.1	596.0	727.8	893.7	1114.5	1373.2	1638.1
-10°	242.1	286.3	338.0	402.2	482.3	583.4	709.9	868.8	1077.2	1325.6	1587.8
-12.5°	238.8	281.8	332.1	393.7	470.6	567.0	686.9	836.5	1029.5	1265.6	1522.2
-15°	234.6	276.1	324.6	383.3	456.2	546.8	659.0	796.9	972.2	1195.4	1444.8
-17.5°	229.6	269.4	315.8	370.8	438.9	522.9	626.4	752.6	913.4	1121.0	1356.5
-20°	223.8	261.6	305.7	356.5	419.8	498.8	595.2	712.2	857.0	1039.2	1255.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626703 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-750-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	217.2	252.7	294.9	343.2	402.6	475.2	562.2	666.4	793.6	947.5	1147.0
-25°	210.1	244.5	284.1	329.3	383.4	449.0	526.3	617.4	732.5	869.6	1035.9
-27.5°	202.7	235.5	272.0	313.9	362.1	421.9	493.2	575.5	672.3	787.3	922.5
-30°	194.6	225.6	259.0	297.7	342.8	396.8	459.8	530.0	612.2	713.9	829.7
-32.5°	185.9	215.0	246.6	282.4	323.0	369.6	425.0	488.5	560.0	641.2	739.7
-35°	177.3	204.8	234.1	266.0	301.9	344.6	393.3	447.3	507.7	579.0	657.8
-37.5°	169.1	193.9	220.9	250.0	283.2	320.0	360.8	409.6	462.0	517.3	584.8
-40°	160.5	182.5	208.1	234.9	263.5	296.2	333.2	373.0	418.4	467.0	516.6
-42.5°	151.5	172.4	195.2	219.2	245.5	274.1	304.8	340.7	377.9	419.0	462.6
-45°	143.7	161.8	182.0	204.5	227.6	252.5	280.2	308.8	341.8	374.9	412.2
-47.5°	135.6	151.3	169.9	189.3	210.3	232.4	255.7	281.7	307.6	337.0	365.3
-50°	127.3	142.1	157.3	175.1	193.5	212.9	233.5	255.4	278.7	302.0	326.7
-52.5°	119.5	132.6	146.2	161.1	177.6	194.6	212.4	231.1	251.2	271.3	291.7
-55°	111.4	123.4	135.1	148.0	162.1	177.2	192.4	208.8	224.8	243.0	259.7
-57.5°	103.8	114.1	124.3	135.2	147.5	160.4	173.8	187.3	201.9	216.2	230.0
-60°	96.6	104.8	113.7	123.1	133.0	144.2	155.4	167.4	179.6	191.5	203.6
-62.5°	89.0	95.6	102.9	111.3	119.8	128.1	137.6	147.7	157.9	167.8	177.5
-65°	80.0	85.9	91.8	98.7	106.6	113.2	120.3	128.1	136.9	144.7	151.9
-67.5°	70.7	75.9	80.7	85.5	91.5	97.3	103.1	109.1	115.8	122.8	129.0
-70°	60.6	65.7	70.0	73.9	77.2	80.8	85.5	90.1	95.3	102.0	108.1
-72.5°	50.4	55.0	59.1	62.6	64.8	66.4	68.6	71.3	76.3	83.0	88.8
-75°	40.7	44.3	48.0	51.1	52.5	52.6	52.4	53.3	58.3	65.1	71.1
-77.5°	31.4	34.4	37.2	39.8	40.6	40.5	40.0	39.2	42.9	48.7	54.8
-80°	22.6	24.5	26.7	28.8	29.2	29.0	28.4	27.4	30.3	34.5	39.0
-82.5°	14.8	16.1	17.3	18.4	18.5	18.2	17.7	17.0	19.3	22.0	24.8
-85°	7.6	7.6	8.2	8.8	9.1	9.1	8.9	8.5	9.6	10.9	12.2
-87.5°	3.8	3.8	3.7	3.6	3.5	3.2	3.0	2.7	2.8	2.9	3.0
-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: P626703 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-750-U-WR-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°	3.1	3.0	2.9	2.8	2.6	2.6	2.5	2.5	2.4	2.2	2.1
85°	13.7	14.0	14.1	14.2	14.2	14.7	15.1	15.5	15.8	14.3	12.7
82.5°	27.8	29.1	30.2	31.3	32.5	33.2	33.8	34.2	34.5	31.2	27.5
80°	43.7	46.4	48.7	50.9	52.9	53.4	53.4	53.2	52.6	48.1	43.0
77.5°	60.8	64.4	67.2	70.1	72.8	73.9	74.4	74.7	75.0	69.5	62.6
75°	76.3	80.6	84.6	88.3	91.7	93.5	94.5	95.4	96.1	90.5	83.2
72.5°	94.0	98.5	102.8	106.9	110.5	112.9	114.4	115.7	116.8	113.6	109.0
70°	113.4	118.0	122.6	126.8	130.9	134.2	136.7	138.9	140.7	141.1	140.9
67.5°	134.9	140.4	145.9	150.5	155.4	160.0	164.0	167.3	169.9	171.6	172.6
65°	159.2	167.5	174.9	181.2	186.4	192.5	197.8	201.9	204.8	207.0	208.9
62.5°	187.7	197.8	206.2	214.6	223.2	231.6	236.8	242.1	247.2	252.1	256.2
60°	215.1	226.2	237.7	248.3	258.2	267.3	276.7	285.1	292.4	298.5	303.0
57.5°	244.4	257.9	270.9	284.4	297.2	309.1	320.7	331.4	340.7	348.5	354.8
55°	276.2	292.6	308.1	325.3	342.0	357.2	371.2	385.5	398.5	409.8	418.9
52.5°	310.4	331.8	352.3	372.5	394.1	413.6	431.1	451.0	468.6	483.2	494.6
50°	351.3	376.5	403.5	428.6	455.8	482.6	507.4	531.4	554.9	575.1	591.5
47.5°	397.9	428.8	462.3	495.5	529.3	566.0	598.8	629.2	662.0	690.5	713.3
45°	449.7	489.0	529.5	576.1	619.1	666.3	709.9	749.1	795.6	836.6	869.6
42.5°	507.0	559.5	612.8	671.5	728.6	788.4	852.0	908.5	970.1	1028.9	1076.4
40°	578.2	641.0	712.3	783.4	865.2	942.1	1034.7	1118.9	1195.4	1265.5	1323.0
37.5°	657.3	738.1	827.7	920.3	1032.3	1142.0	1250.5	1352.8	1443.2	1520.0	1584.3
35°	747.1	849.7	958.2	1093.5	1224.7	1356.1	1478.6	1590.5	1688.8	1775.4	1849.0
32.5°	850.3	973.6	1125.4	1277.4	1427.1	1571.8	1706.2	1828.3	1936.1	2033.3	2117.9
30°	958.9	1127.0	1297.5	1464.2	1627.7	1786.2	1933.8	2068.2	2190.0	2298.2	2395.7
27.5°	1096.8	1283.2	1469.1	1648.8	1828.6	2002.1	2162.0	2311.3	2451.1	2573.4	2684.9
25°	1230.3	1436.1	1633.7	1829.7	2025.4	2211.7	2390.5	2559.2	2719.3	2859.6	2984.1
22.5°	1363.7	1579.2	1790.3	2001.0	2211.3	2419.0	2619.8	2812.9	2991.9	3151.8	3291.9
20°	1487.3	1712.5	1938.4	2165.5	2393.4	2620.7	2846.2	3063.6	3263.1	3447.6	3609.8
17.5°	1598.1	1837.6	2077.1	2320.0	2567.0	2813.8	3064.3	3308.1	3536.1	3746.1	3934.2
15°	1696.1	1946.2	2203.3	2465.4	2730.7	2998.7	3272.1	3544.8	3801.5	4040.0	4250.0
12.5°	1781.9	2041.8	2311.3	2589.8	2877.8	3169.8	3468.1	3767.1	4051.2	4326.5	4553.3
10°	1852.7	2123.2	2404.9	2697.5	3001.2	3315.5	3635.5	3957.3	4270.4	4562.4	4821.8
7.5°	1907.4	2188.0	2478.3	2782.6	3101.2	3432.6	3771.7	4113.2	4447.3	4762.0	5048.9
5°	1945.9	2235.2	2529.1	2845.6	3175.3	3518.8	3871.1	4227.1	4576.3	4907.2	5204.6
2.5°	1968.3	2263.5	2558.6	2883.9	3219.5	3570.9	3932.8	4294.6	4653.0	4996.2	5301.8
0°	1974.2	2272.0	2575.6	2888.1	3233.3	3595.3	3944.3	4307.1	4679.6	5018.1	5322.6
-2.5°	1968.3	2263.5	2558.6	2883.9	3219.5	3570.9	3932.8	4294.6	4653.0	4996.2	5301.8
-5°	1945.9	2235.2	2529.1	2845.6	3175.3	3518.8	3871.1	4227.1	4576.3	4907.2	5204.6
-7.5°	1907.4	2188.0	2478.3	2782.6	3101.2	3432.6	3771.7	4113.2	4447.3	4762.0	5048.9
-10°	1852.7	2123.2	2404.9	2697.5	3001.2	3315.5	3635.5	3957.3	4270.4	4562.4	4821.8
-12.5°	1781.9	2041.8	2311.3	2589.8	2877.8	3169.8	3468.1	3767.1	4051.2	4326.5	4553.3
-15°	1696.1	1946.2	2203.3	2465.4	2730.7	2998.7	3272.1	3544.8	3801.5	4040.0	4250.0
-17.5°	1598.1	1837.6	2077.1	2320.0	2567.0	2813.8	3064.3	3308.1	3536.1	3746.1	3934.2
-20°	1487.3	1712.5	1938.4	2165.5	2393.4	2620.7	2846.2	3063.6	3263.1	3447.6	3609.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626703 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-750-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1363.7	1579.2	1790.3	2001.0	2211.3	2419.0	2619.8	2812.9	2991.9	3151.8	3291.9
-25°	1230.3	1436.1	1633.7	1829.7	2025.4	2211.7	2390.5	2559.2	2719.3	2859.6	2984.1
-27.5°	1096.8	1283.2	1469.1	1648.8	1828.6	2002.1	2162.0	2311.3	2451.1	2573.4	2684.9
-30°	958.9	1127.0	1297.5	1464.2	1627.7	1786.2	1933.8	2068.2	2190.0	2298.2	2395.7
-32.5°	850.3	973.6	1125.4	1277.4	1427.1	1571.8	1706.2	1828.3	1936.1	2033.3	2117.9
-35°	747.1	849.7	958.2	1093.5	1224.7	1356.1	1478.6	1590.5	1688.8	1775.4	1849.0
-37.5°	657.3	738.1	827.7	920.3	1032.3	1142.0	1250.5	1352.8	1443.2	1520.0	1584.3
-40°	578.2	641.0	712.3	783.4	865.2	942.1	1034.7	1118.9	1195.4	1265.5	1323.0
-42.5°	507.0	559.5	612.8	671.5	728.6	788.4	852.0	908.5	970.1	1028.9	1076.4
-45°	449.7	489.0	529.5	576.1	619.1	666.3	709.9	749.1	795.6	836.6	869.6
-47.5°	397.9	428.8	462.3	495.5	529.3	566.0	598.8	629.2	662.0	690.5	713.3
-50°	351.3	376.5	403.5	428.6	455.8	482.6	507.4	531.4	554.9	575.1	591.5
-52.5°	310.4	331.8	352.3	372.5	394.1	413.6	431.1	451.0	468.6	483.2	494.6
-55°	276.2	292.6	308.1	325.3	342.0	357.2	371.2	385.5	398.5	409.8	418.9
-57.5°	244.4	257.9	270.9	284.4	297.2	309.1	320.7	331.4	340.7	348.5	354.8
-60°	215.1	226.2	237.7	248.3	258.2	267.3	276.7	285.1	292.4	298.5	303.0
-62.5°	187.7	197.8	206.2	214.6	223.2	231.6	236.8	242.1	247.2	252.1	256.2
-65°	159.2	167.5	174.9	181.2	186.4	192.5	197.8	201.9	204.8	207.0	208.9
-67.5°	134.9	140.4	145.9	150.5	155.4	160.0	164.0	167.3	169.9	171.6	172.6
-70°	113.4	118.0	122.6	126.8	130.9	134.2	136.7	138.9	140.7	141.1	140.9
-72.5°	94.0	98.5	102.8	106.9	110.5	112.9	114.4	115.7	116.8	113.6	109.0
-75°	76.3	80.6	84.6	88.3	91.7	93.5	94.5	95.4	96.1	90.5	83.2
-77.5°	60.8	64.4	67.2	70.1	72.8	73.9	74.4	74.7	75.0	69.5	62.6
-80°	43.7	46.4	48.7	50.9	52.9	53.4	53.4	53.2	52.6	48.1	43.0
-82.5°	27.8	29.1	30.2	31.3	32.5	33.2	33.8	34.2	34.5	31.2	27.5
-85°	13.7	14.0	14.1	14.2	14.2	14.7	15.1	15.5	15.8	14.3	12.7
-87.5°	3.1	3.0	2.9	2.8	2.6	2.6	2.5	2.5	2.4	2.2	2.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626703 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-750-U-WR-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°	1.9	1.7	1.5	1.3	1.5	1.7	1.9	2.1	2.2	2.4	2.5
85°	11.0	9.2	9.0	8.8	9.0	9.2	11.0	12.7	14.3	15.8	15.5
82.5°	23.7	19.7	19.1	18.5	19.1	19.7	23.7	27.5	31.2	34.5	34.2
80°	37.7	32.3	31.2	30.2	31.2	32.3	37.7	43.0	48.1	52.6	53.2
77.5°	55.5	48.0	45.8	43.7	45.8	48.0	55.5	62.6	69.5	75.0	74.7
75°	75.6	67.7	65.1	62.6	65.1	67.7	75.6	83.2	90.5	96.1	95.4
72.5°	104.4	99.6	94.8	89.5	94.8	99.6	104.4	109.0	113.6	116.8	115.7
70°	140.7	140.4	139.2	137.3	139.2	140.4	140.7	140.9	141.1	140.7	138.9
67.5°	173.1	173.0	173.4	173.4	173.4	173.0	173.1	172.6	171.6	169.9	167.3
65°	210.0	210.4	211.3	211.7	211.3	210.4	210.0	208.9	207.0	204.8	201.9
62.5°	259.4	261.5	262.6	262.5	262.6	261.5	259.4	256.2	252.1	247.2	242.1
60°	306.4	308.6	310.0	310.4	310.0	308.6	306.4	303.0	298.5	292.4	285.1
57.5°	359.9	363.5	365.5	365.8	365.5	363.5	359.9	354.8	348.5	340.7	331.4
55°	425.8	430.7	432.8	432.6	432.8	430.7	425.8	418.9	409.8	398.5	385.5
52.5°	503.2	509.0	513.4	516.1	513.4	509.0	503.2	494.6	483.2	468.6	451.0
50°	603.8	612.3	617.7	619.9	617.7	612.3	603.8	591.5	575.1	554.9	531.4
47.5°	729.8	741.0	749.3	755.1	749.3	741.0	729.8	713.3	690.5	662.0	629.2
45°	894.0	911.0	922.6	929.4	922.6	911.0	894.0	869.6	836.6	795.6	749.1
42.5°	1113.5	1140.0	1156.2	1162.5	1156.2	1140.0	1113.5	1076.4	1028.9	970.1	908.5
40°	1368.3	1400.2	1421.0	1435.4	1421.0	1400.2	1368.3	1323.0	1265.5	1195.4	1118.9
37.5°	1633.7	1667.1	1687.5	1701.3	1687.5	1667.1	1633.7	1584.3	1520.0	1443.2	1352.8
35°	1904.5	1939.5	1958.5	1969.2	1958.5	1939.5	1904.5	1849.0	1775.4	1688.8	1590.5
32.5°	2182.5	2221.0	2241.8	2263.2	2241.8	2221.0	2182.5	2117.9	2033.3	1936.1	1828.3
30°	2472.8	2517.0	2538.7	2549.2	2538.7	2517.0	2472.8	2395.7	2298.2	2190.0	2068.2
27.5°	2774.9	2830.0	2857.2	2875.0	2857.2	2830.0	2774.9	2684.9	2573.4	2451.1	2311.3
25°	3089.2	3157.5	3188.7	3216.5	3188.7	3157.5	3089.2	2984.1	2859.6	2719.3	2559.2
22.5°	3415.3	3500.4	3536.4	3556.2	3536.4	3500.4	3415.3	3291.9	3151.8	2991.9	2812.9
20°	3750.0	3851.6	3901.7	3927.5	3901.7	3851.6	3750.0	3609.8	3447.6	3263.1	3063.6
17.5°	4092.2	4218.6	4283.4	4298.3	4283.4	4218.6	4092.2	3934.2	3746.1	3536.1	3308.1
15°	4428.2	4564.9	4641.5	4669.5	4641.5	4564.9	4428.2	4250.0	4040.0	3801.5	3544.8
12.5°	4746.3	4888.1	4979.5	4995.9	4979.5	4888.1	4746.3	4553.3	4326.5	4051.2	3767.1
10°	5034.8	5181.7	5282.7	5305.8	5282.7	5181.7	5034.8	4821.8	4562.4	4270.4	3957.3
7.5°	5276.1	5437.2	5548.8	5568.3	5548.8	5437.2	5276.1	5048.9	4762.0	4447.3	4113.2
5°	5452.6	5643.9	5735.5	5758.5	5735.5	5643.9	5452.6	5204.6	4907.2	4576.3	4227.1
2.5°	5549.4	5744.1	5871.5	5856.8	5871.5	5744.1	5549.4	5301.8	4996.2	4653.0	4294.6
0°	5560.3	5764.0	5885.7	5942.0	5885.7	5764.0	5560.3	5322.6	5018.1	4679.6	4307.1
-2.5°	5549.4	5744.1	5871.5	5856.8	5871.5	5744.1	5549.4	5301.8	4996.2	4653.0	4294.6
-5°	5452.6	5643.9	5735.5	5758.5	5735.5	5643.9	5452.6	5204.6	4907.2	4576.3	4227.1
-7.5°	5276.1	5437.2	5548.8	5568.3	5548.8	5437.2	5276.1	5048.9	4762.0	4447.3	4113.2
-10°	5034.8	5181.7	5282.7	5305.8	5282.7	5181.7	5034.8	4821.8	4562.4	4270.4	3957.3
-12.5°	4746.3	4888.1	4979.5	4995.9	4979.5	4888.1	4746.3	4553.3	4326.5	4051.2	3767.1
-15°	4428.2	4564.9	4641.5	4669.5	4641.5	4564.9	4428.2	4250.0	4040.0	3801.5	3544.8
-17.5°	4092.2	4218.6	4283.4	4298.3	4283.4	4218.6	4092.2	3934.2	3746.1	3536.1	3308.1
-20°	3750.0	3851.6	3901.7	3927.5	3901.7	3851.6	3750.0	3609.8	3447.6	3263.1	3063.6



REPORT NUMBER: P626703 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-750-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3415.3	3500.4	3536.4	3556.2	3536.4	3500.4	3415.3	3291.9	3151.8	2991.9	2812.9
-25°	3089.2	3157.5	3188.7	3216.5	3188.7	3157.5	3089.2	2984.1	2859.6	2719.3	2559.2
-27.5°	2774.9	2830.0	2857.2	2875.0	2857.2	2830.0	2774.9	2684.9	2573.4	2451.1	2311.3
-30°	2472.8	2517.0	2538.7	2549.2	2538.7	2517.0	2472.8	2395.7	2298.2	2190.0	2068.2
-32.5°	2182.5	2221.0	2241.8	2263.2	2241.8	2221.0	2182.5	2117.9	2033.3	1936.1	1828.3
-35°	1904.5	1939.5	1958.5	1969.2	1958.5	1939.5	1904.5	1849.0	1775.4	1688.8	1590.5
-37.5°	1633.7	1667.1	1687.5	1701.3	1687.5	1667.1	1633.7	1584.3	1520.0	1443.2	1352.8
-40°	1368.3	1400.2	1421.0	1435.4	1421.0	1400.2	1368.3	1323.0	1265.5	1195.4	1118.9
-42.5°	1113.5	1140.0	1156.2	1162.5	1156.2	1140.0	1113.5	1076.4	1028.9	970.1	908.5
-45°	894.0	911.0	922.6	929.4	922.6	911.0	894.0	869.6	836.6	795.6	749.1
-47.5°	729.8	741.0	749.3	755.1	749.3	741.0	729.8	713.3	690.5	662.0	629.2
-50°	603.8	612.3	617.7	619.9	617.7	612.3	603.8	591.5	575.1	554.9	531.4
-52.5°	503.2	509.0	513.4	516.1	513.4	509.0	503.2	494.6	483.2	468.6	451.0
-55°	425.8	430.7	432.8	432.6	432.8	430.7	425.8	418.9	409.8	398.5	385.5
-57.5°	359.9	363.5	365.5	365.8	365.5	363.5	359.9	354.8	348.5	340.7	331.4
-60°	306.4	308.6	310.0	310.4	310.0	308.6	306.4	303.0	298.5	292.4	285.1
-62.5°	259.4	261.5	262.6	262.5	262.6	261.5	259.4	256.2	252.1	247.2	242.1
-65°	210.0	210.4	211.3	211.7	211.3	210.4	210.0	208.9	207.0	204.8	201.9
-67.5°	173.1	173.0	173.4	173.4	173.4	173.0	173.1	172.6	171.6	169.9	167.3
-70°	140.7	140.4	139.2	137.3	139.2	140.4	140.7	140.9	141.1	140.7	138.9
-72.5°	104.4	99.6	94.8	89.5	94.8	99.6	104.4	109.0	113.6	116.8	115.7
-75°	75.6	67.7	65.1	62.6	65.1	67.7	75.6	83.2	90.5	96.1	95.4
-77.5°	55.5	48.0	45.8	43.7	45.8	48.0	55.5	62.6	69.5	75.0	74.7
-80°	37.7	32.3	31.2	30.2	31.2	32.3	37.7	43.0	48.1	52.6	53.2
-82.5°	23.7	19.7	19.1	18.5	19.1	19.7	23.7	27.5	31.2	34.5	34.2
-85°	11.0	9.2	9.0	8.8	9.0	9.2	11.0	12.7	14.3	15.8	15.5
-87.5°	1.9	1.7	1.5	1.3	1.5	1.7	1.9	2.1	2.2	2.4	2.5
-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: P626703 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-750-U-WR-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°	2.5	2.6	2.6	2.8	2.9	3.0	3.1	3.0	2.9	2.8	2.7
85°	15.1	14.7	14.2	14.2	14.1	14.0	13.7	12.2	10.9	9.6	8.5
82.5°	33.8	33.2	32.5	31.3	30.2	29.1	27.8	24.8	22.0	19.3	17.0
80°	53.4	53.4	52.9	50.9	48.7	46.4	43.7	39.0	34.5	30.3	27.4
77.5°	74.4	73.9	72.8	70.1	67.2	64.4	60.8	54.8	48.7	42.9	39.2
75°	94.5	93.5	91.7	88.3	84.6	80.6	76.3	71.1	65.1	58.3	53.3
72.5°	114.4	112.9	110.5	106.9	102.8	98.5	94.0	88.8	83.0	76.3	71.3
70°	136.7	134.2	130.9	126.8	122.6	118.0	113.4	108.1	102.0	95.3	90.1
67.5°	164.0	160.0	155.4	150.5	145.9	140.4	134.9	129.0	122.8	115.8	109.1
65°	197.8	192.5	186.4	181.2	174.9	167.5	159.2	151.9	144.7	136.9	128.1
62.5°	236.8	231.6	223.2	214.6	206.2	197.8	187.7	177.5	167.8	157.9	147.7
60°	276.7	267.3	258.2	248.3	237.7	226.2	215.1	203.6	191.5	179.6	167.4
57.5°	320.7	309.1	297.2	284.4	270.9	257.9	244.4	230.0	216.2	201.9	187.3
55°	371.2	357.2	342.0	325.3	308.1	292.6	276.2	259.7	243.0	224.8	208.8
52.5°	431.1	413.6	394.1	372.5	352.3	331.8	310.4	291.7	271.3	251.2	231.1
50°	507.4	482.6	455.8	428.6	403.5	376.5	351.3	326.7	302.0	278.7	255.4
47.5°	598.8	566.0	529.3	495.5	462.3	428.8	397.9	365.3	337.0	307.6	281.7
45°	709.9	666.3	619.1	576.1	529.5	489.0	449.7	412.2	374.9	341.8	308.8
42.5°	852.0	788.4	728.6	671.5	612.8	559.5	507.0	462.6	419.0	377.9	340.7
40°	1034.7	942.1	865.2	783.4	712.3	641.0	578.2	516.6	467.0	418.4	373.0
37.5°	1250.5	1142.0	1032.3	920.3	827.7	738.1	657.3	584.8	517.3	462.0	409.6
35°	1478.6	1356.1	1224.7	1093.5	958.2	849.7	747.1	657.8	579.0	507.7	447.3
32.5°	1706.2	1571.8	1427.1	1277.4	1125.4	973.6	850.3	739.7	641.2	560.0	488.5
30°	1933.8	1786.2	1627.7	1464.2	1297.5	1127.0	958.9	829.7	713.9	612.2	530.0
27.5°	2162.0	2002.1	1828.6	1648.8	1469.1	1283.2	1096.8	922.5	787.3	672.3	575.5
25°	2390.5	2211.7	2025.4	1829.7	1633.7	1436.1	1230.3	1035.9	869.6	732.5	617.4
22.5°	2619.8	2419.0	2211.3	2001.0	1790.3	1579.2	1363.7	1147.0	947.5	793.6	666.4
20°	2846.2	2620.7	2393.4	2165.5	1938.4	1712.5	1487.3	1255.9	1039.2	857.0	712.2
17.5°	3064.3	2813.8	2567.0	2320.0	2077.1	1837.6	1598.1	1356.5	1121.0	913.4	752.6
15°	3272.1	2998.7	2730.7	2465.4	2203.3	1946.2	1696.1	1444.8	1195.4	972.2	796.9
12.5°	3468.1	3169.8	2877.8	2589.8	2311.3	2041.8	1781.9	1522.2	1265.6	1029.5	836.5
10°	3635.5	3315.5	3001.2	2697.5	2404.9	2123.2	1852.7	1587.8	1325.6	1077.2	868.8
7.5°	3771.7	3432.6	3101.2	2782.6	2478.3	2188.0	1907.4	1638.1	1373.2	1114.5	893.7
5°	3871.1	3518.8	3175.3	2845.6	2529.1	2235.2	1945.9	1672.4	1407.7	1141.0	911.2
2.5°	3932.8	3570.9	3219.5	2883.9	2558.6	2263.5	1968.3	1693.2	1427.4	1155.6	922.2
0°	3944.3	3595.3	3233.3	2888.1	2575.6	2272.0	1974.2	1700.8	1432.5	1158.7	925.6
-2.5°	3932.8	3570.9	3219.5	2883.9	2558.6	2263.5	1968.3	1693.2	1427.4	1155.6	922.2
-5°	3871.1	3518.8	3175.3	2845.6	2529.1	2235.2	1945.9	1672.4	1407.7	1141.0	911.2
-7.5°	3771.7	3432.6	3101.2	2782.6	2478.3	2188.0	1907.4	1638.1	1373.2	1114.5	893.7
-10°	3635.5	3315.5	3001.2	2697.5	2404.9	2123.2	1852.7	1587.8	1325.6	1077.2	868.8
-12.5°	3468.1	3169.8	2877.8	2589.8	2311.3	2041.8	1781.9	1522.2	1265.6	1029.5	836.5
-15°	3272.1	2998.7	2730.7	2465.4	2203.3	1946.2	1696.1	1444.8	1195.4	972.2	796.9
-17.5°	3064.3	2813.8	2567.0	2320.0	2077.1	1837.6	1598.1	1356.5	1121.0	913.4	752.6
-20°	2846.2	2620.7	2393.4	2165.5	1938.4	1712.5	1487.3	1255.9	1039.2	857.0	712.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626703 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-750-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2619.8	2419.0	2211.3	2001.0	1790.3	1579.2	1363.7	1147.0	947.5	793.6	666.4
-25°	2390.5	2211.7	2025.4	1829.7	1633.7	1436.1	1230.3	1035.9	869.6	732.5	617.4
-27.5°	2162.0	2002.1	1828.6	1648.8	1469.1	1283.2	1096.8	922.5	787.3	672.3	575.5
-30°	1933.8	1786.2	1627.7	1464.2	1297.5	1127.0	958.9	829.7	713.9	612.2	530.0
-32.5°	1706.2	1571.8	1427.1	1277.4	1125.4	973.6	850.3	739.7	641.2	560.0	488.5
-35°	1478.6	1356.1	1224.7	1093.5	958.2	849.7	747.1	657.8	579.0	507.7	447.3
-37.5°	1250.5	1142.0	1032.3	920.3	827.7	738.1	657.3	584.8	517.3	462.0	409.6
-40°	1034.7	942.1	865.2	783.4	712.3	641.0	578.2	516.6	467.0	418.4	373.0
-42.5°	852.0	788.4	728.6	671.5	612.8	559.5	507.0	462.6	419.0	377.9	340.7
-45°	709.9	666.3	619.1	576.1	529.5	489.0	449.7	412.2	374.9	341.8	308.8
-47.5°	598.8	566.0	529.3	495.5	462.3	428.8	397.9	365.3	337.0	307.6	281.7
-50°	507.4	482.6	455.8	428.6	403.5	376.5	351.3	326.7	302.0	278.7	255.4
-52.5°	431.1	413.6	394.1	372.5	352.3	331.8	310.4	291.7	271.3	251.2	231.1
-55°	371.2	357.2	342.0	325.3	308.1	292.6	276.2	259.7	243.0	224.8	208.8
-57.5°	320.7	309.1	297.2	284.4	270.9	257.9	244.4	230.0	216.2	201.9	187.3
-60°	276.7	267.3	258.2	248.3	237.7	226.2	215.1	203.6	191.5	179.6	167.4
-62.5°	236.8	231.6	223.2	214.6	206.2	197.8	187.7	177.5	167.8	157.9	147.7
-65°	197.8	192.5	186.4	181.2	174.9	167.5	159.2	151.9	144.7	136.9	128.1
-67.5°	164.0	160.0	155.4	150.5	145.9	140.4	134.9	129.0	122.8	115.8	109.1
-70°	136.7	134.2	130.9	126.8	122.6	118.0	113.4	108.1	102.0	95.3	90.1
-72.5°	114.4	112.9	110.5	106.9	102.8	98.5	94.0	88.8	83.0	76.3	71.3
-75°	94.5	93.5	91.7	88.3	84.6	80.6	76.3	71.1	65.1	58.3	53.3
-77.5°	74.4	73.9	72.8	70.1	67.2	64.4	60.8	54.8	48.7	42.9	39.2
-80°	53.4	53.4	52.9	50.9	48.7	46.4	43.7	39.0	34.5	30.3	27.4
-82.5°	33.8	33.2	32.5	31.3	30.2	29.1	27.8	24.8	22.0	19.3	17.0
-85°	15.1	14.7	14.2	14.2	14.1	14.0	13.7	12.2	10.9	9.6	8.5
-87.5°	2.5	2.6	2.6	2.8	2.9	3.0	3.1	3.0	2.9	2.8	2.7
-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: P626703 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-750-U-WR-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°	3.0	3.2	3.5	3.6	3.7	3.8	3.8	3.7	3.6	3.4	3.1
85°	8.9	9.1	9.1	8.8	8.2	7.6	7.6	7.4	7.1	6.7	6.2
82.5°	17.7	18.2	18.5	18.4	17.3	16.1	14.8	13.4	12.0	10.3	9.4
80°	28.4	29.0	29.2	28.8	26.7	24.5	22.6	20.7	18.8	16.6	14.2
77.5°	40.0	40.5	40.6	39.8	37.2	34.4	31.4	28.3	25.6	22.9	19.9
75°	52.4	52.6	52.5	51.1	48.0	44.3	40.7	36.8	32.9	29.2	25.6
72.5°	68.6	66.4	64.8	62.6	59.1	55.0	50.4	45.2	40.2	35.6	31.2
70°	85.5	80.8	77.2	73.9	70.0	65.7	60.6	54.0	47.4	41.8	36.5
67.5°	103.1	97.3	91.5	85.5	80.7	75.9	70.7	62.8	54.9	47.8	41.7
65°	120.3	113.2	106.6	98.7	91.8	85.9	80.0	71.1	62.0	53.9	46.7
62.5°	137.6	128.1	119.8	111.3	102.9	95.6	89.0	78.8	68.9	59.6	51.5
60°	155.4	144.2	133.0	123.1	113.7	104.8	96.6	86.3	75.6	65.1	56.0
57.5°	173.8	160.4	147.5	135.2	124.3	114.1	103.8	93.2	82.0	70.7	60.1
55°	192.4	177.2	162.1	148.0	135.1	123.4	111.4	99.9	88.2	76.1	63.4
52.5°	212.4	194.6	177.6	161.1	146.2	132.6	119.5	106.3	94.1	81.3	66.9
50°	233.5	212.9	193.5	175.1	157.3	142.1	127.3	113.4	99.8	86.4	70.3
47.5°	255.7	232.4	210.3	189.3	169.9	151.3	135.6	120.3	105.4	91.4	73.3
45°	280.2	252.5	227.6	204.5	182.0	161.8	143.7	127.0	111.4	94.9	76.0
42.5°	304.8	274.1	245.5	219.2	195.2	172.4	151.5	134.0	117.2	98.2	78.7
40°	333.2	296.2	263.5	234.9	208.1	182.5	160.5	140.8	122.6	101.4	81.3
37.5°	360.8	320.0	283.2	250.0	220.9	193.9	169.1	147.2	126.8	105.0	83.6
35°	393.3	344.6	301.9	266.0	234.1	204.8	177.3	153.7	131.5	108.4	85.7
32.5°	425.0	369.6	323.0	282.4	246.6	215.0	185.9	160.4	136.3	111.6	87.6
30°	459.8	396.8	342.8	297.7	259.0	225.6	194.6	166.7	141.1	114.6	89.3
27.5°	493.2	421.9	362.1	313.9	272.0	235.5	202.7	172.6	146.0	117.8	91.6
25°	526.3	449.0	383.4	329.3	284.1	244.5	210.1	178.1	150.7	121.4	93.5
22.5°	562.2	475.2	402.6	343.2	294.9	252.7	217.2	184.1	155.0	124.8	95.3
20°	595.2	498.8	419.8	356.5	305.7	261.6	223.8	189.5	158.9	128.0	96.8
17.5°	626.4	522.9	438.9	370.8	315.8	269.4	229.6	194.3	162.3	130.9	98.0
15°	659.0	546.8	456.2	383.3	324.6	276.1	234.6	198.3	165.3	133.5	99.1
12.5°	686.9	567.0	470.6	393.7	332.1	281.8	238.8	201.7	167.8	135.8	100.1
10°	709.9	583.4	482.3	402.2	338.0	286.3	242.1	204.5	169.8	137.5	100.7
7.5°	727.8	596.0	491.1	408.6	342.6	289.8	244.9	206.6	171.4	138.8	100.8
5°	740.3	604.7	497.6	413.1	346.1	292.4	246.8	208.0	172.5	139.4	100.5
2.5°	746.9	609.7	501.6	415.5	348.1	293.8	248.0	208.7	173.1	139.5	99.8
0°	747.9	610.6	502.7	415.8	348.6	294.0	248.2	208.7	173.0	139.0	98.7
-2.5°	746.9	609.7	501.6	415.5	348.1	293.8	248.0	208.7	173.1	139.5	99.8
-5°	740.3	604.7	497.6	413.1	346.1	292.4	246.8	208.0	172.5	139.4	100.5
-7.5°	727.8	596.0	491.1	408.6	342.6	289.8	244.9	206.6	171.4	138.8	100.8
-10°	709.9	583.4	482.3	402.2	338.0	286.3	242.1	204.5	169.8	137.5	100.7
-12.5°	686.9	567.0	470.6	393.7	332.1	281.8	238.8	201.7	167.8	135.8	100.1
-15°	659.0	546.8	456.2	383.3	324.6	276.1	234.6	198.3	165.3	133.5	99.1
-17.5°	626.4	522.9	438.9	370.8	315.8	269.4	229.6	194.3	162.3	130.9	98.0
-20°	595.2	498.8	419.8	356.5	305.7	261.6	223.8	189.5	158.9	128.0	96.8

Classified

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REPORT NUMBER: P626703 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-750-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	562.2	475.2	402.6	343.2	294.9	252.7	217.2	184.1	155.0	124.8	95.3
-25°	526.3	449.0	383.4	329.3	284.1	244.5	210.1	178.1	150.7	121.4	93.5
-27.5°	493.2	421.9	362.1	313.9	272.0	235.5	202.7	172.6	146.0	117.8	91.6
-30°	459.8	396.8	342.8	297.7	259.0	225.6	194.6	166.7	141.1	114.6	89.3
-32.5°	425.0	369.6	323.0	282.4	246.6	215.0	185.9	160.4	136.3	111.6	87.6
-35°	393.3	344.6	301.9	266.0	234.1	204.8	177.3	153.7	131.5	108.4	85.7
-37.5°	360.8	320.0	283.2	250.0	220.9	193.9	169.1	147.2	126.8	105.0	83.6
-40°	333.2	296.2	263.5	234.9	208.1	182.5	160.5	140.8	122.6	101.4	81.3
-42.5°	304.8	274.1	245.5	219.2	195.2	172.4	151.5	134.0	117.2	98.2	78.7
-45°	280.2	252.5	227.6	204.5	182.0	161.8	143.7	127.0	111.4	94.9	76.0
-47.5°	255.7	232.4	210.3	189.3	169.9	151.3	135.6	120.3	105.4	91.4	73.3
-50°	233.5	212.9	193.5	175.1	157.3	142.1	127.3	113.4	99.8	86.4	70.3
-52.5°	212.4	194.6	177.6	161.1	146.2	132.6	119.5	106.3	94.1	81.3	66.9
-55°	192.4	177.2	162.1	148.0	135.1	123.4	111.4	99.9	88.2	76.1	63.4
-57.5°	173.8	160.4	147.5	135.2	124.3	114.1	103.8	93.2	82.0	70.7	60.1
-60°	155.4	144.2	133.0	123.1	113.7	104.8	96.6	86.3	75.6	65.1	56.0
-62.5°	137.6	128.1	119.8	111.3	102.9	95.6	89.0	78.8	68.9	59.6	51.5
-65°	120.3	113.2	106.6	98.7	91.8	85.9	80.0	71.1	62.0	53.9	46.7
-67.5°	103.1	97.3	91.5	85.5	80.7	75.9	70.7	62.8	54.9	47.8	41.7
-70°	85.5	80.8	77.2	73.9	70.0	65.7	60.6	54.0	47.4	41.8	36.5
-72.5°	68.6	66.4	64.8	62.6	59.1	55.0	50.4	45.2	40.2	35.6	31.2
-75°	52.4	52.6	52.5	51.1	48.0	44.3	40.7	36.8	32.9	29.2	25.6
-77.5°	40.0	40.5	40.6	39.8	37.2	34.4	31.4	28.3	25.6	22.9	19.9
-80°	28.4	29.0	29.2	28.8	26.7	24.5	22.6	20.7	18.8	16.6	14.2
-82.5°	17.7	18.2	18.5	18.4	17.3	16.1	14.8	13.4	12.0	10.3	9.4
-85°	8.9	9.1	9.1	8.8	8.2	7.6	7.6	7.4	7.1	6.7	6.2
-87.5°	3.0	3.2	3.5	3.6	3.7	3.8	3.8	3.7	3.6	3.4	3.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626703 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.8	2.2	1.6	1.1	0.7	0.3	0.0
85°	5.6	4.4	3.3	2.3	1.4	0.6	0.0
82.5°	8.4	6.6	4.9	3.4	2.1	0.9	0.0
80°	11.4	8.7	6.5	4.5	2.8	1.2	0.0
77.5°	16.3	11.3	8.1	5.6	3.4	1.5	0.0
75°	21.1	14.8	9.8	6.7	4.1	1.8	0.0
72.5°	25.7	18.2	12.1	7.8	4.7	2.1	0.0
70°	30.1	21.5	14.4	8.9	5.4	2.4	0.0
67.5°	33.9	24.6	16.5	10.2	6.0	2.6	0.0
65°	37.5	27.4	18.6	11.6	6.6	2.9	0.0
62.5°	40.9	30.1	20.5	12.8	7.2	3.2	0.0
60°	44.1	32.5	22.3	14.0	7.7	3.4	0.0
57.5°	46.9	34.8	24.0	15.1	8.4	3.6	0.0
55°	49.6	36.9	25.6	16.1	9.0	3.9	0.0
52.5°	52.0	38.8	27.0	17.0	9.6	4.1	0.0
50°	54.2	40.6	28.3	17.8	10.2	4.3	0.0
47.5°	56.3	42.2	29.5	18.6	10.8	4.5	0.0
45°	58.6	43.6	30.5	19.3	11.3	4.7	0.0
42.5°	60.6	44.8	31.4	20.0	11.8	4.9	0.0
40°	62.4	45.8	32.2	20.8	12.3	5.0	0.0
37.5°	64.0	46.7	32.9	21.5	12.7	5.2	0.0
35°	65.3	47.6	33.5	22.2	13.1	5.3	0.0
32.5°	66.4	48.5	33.9	22.8	13.5	5.5	0.0
30°	67.8	49.2	34.2	23.4	13.8	5.6	0.0
27.5°	68.8	49.7	35.0	23.9	14.1	5.7	0.0
25°	69.7	50.0	35.7	24.4	14.4	5.7	0.0
22.5°	70.2	50.4	36.3	24.7	14.6	5.8	0.0
20°	70.6	51.3	36.8	25.0	14.8	5.9	0.0
17.5°	71.4	52.1	37.3	25.3	15.0	5.9	0.0
15°	72.3	52.7	37.6	25.5	15.1	6.0	0.0
12.5°	73.0	53.1	37.9	25.6	15.2	6.0	0.0
10°	73.5	53.4	38.1	25.6	15.3	6.0	0.0
7.5°	73.6	53.5	38.1	25.6	15.3	6.0	0.0
5°	73.6	53.4	38.1	25.5	15.2	6.0	0.0
2.5°	73.3	53.2	38.0	25.4	15.2	5.9	0.0
0°	72.7	52.9	37.8	25.2	15.1	5.9	0.0
-2.5°	73.3	53.2	38.0	25.4	15.2	5.9	0.0
-5°	73.6	53.4	38.1	25.5	15.2	6.0	0.0
-7.5°	73.6	53.5	38.1	25.6	15.3	6.0	0.0
-10°	73.5	53.4	38.1	25.6	15.3	6.0	0.0
-12.5°	73.0	53.1	37.9	25.6	15.2	6.0	0.0
-15°	72.3	52.7	37.6	25.5	15.1	6.0	0.0
-17.5°	71.4	52.1	37.3	25.3	15.0	5.9	0.0
-20°	70.6	51.3	36.8	25.0	14.8	5.9	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	70.2	50.4	36.3	24.7	14.6	5.8	0.0
-25°	69.7	50.0	35.7	24.4	14.4	5.7	0.0
-27.5°	68.8	49.7	35.0	23.9	14.1	5.7	0.0
-30°	67.8	49.2	34.2	23.4	13.8	5.6	0.0
-32.5°	66.4	48.5	33.9	22.8	13.5	5.5	0.0
-35°	65.3	47.6	33.5	22.2	13.1	5.3	0.0
-37.5°	64.0	46.7	32.9	21.5	12.7	5.2	0.0
-40°	62.4	45.8	32.2	20.8	12.3	5.0	0.0
-42.5°	60.6	44.8	31.4	20.0	11.8	4.9	0.0
-45°	58.6	43.6	30.5	19.3	11.3	4.7	0.0
-47.5°	56.3	42.2	29.5	18.6	10.8	4.5	0.0
-50°	54.2	40.6	28.3	17.8	10.2	4.3	0.0
-52.5°	52.0	38.8	27.0	17.0	9.6	4.1	0.0
-55°	49.6	36.9	25.6	16.1	9.0	3.9	0.0
-57.5°	46.9	34.8	24.0	15.1	8.4	3.6	0.0
-60°	44.1	32.5	22.3	14.0	7.7	3.4	0.0
-62.5°	40.9	30.1	20.5	12.8	7.2	3.2	0.0
-65°	37.5	27.4	18.6	11.6	6.6	2.9	0.0
-67.5°	33.9	24.6	16.5	10.2	6.0	2.6	0.0
-70°	30.1	21.5	14.4	8.9	5.4	2.4	0.0
-72.5°	25.7	18.2	12.1	7.8	4.7	2.1	0.0
-75°	21.1	14.8	9.8	6.7	4.1	1.8	0.0
-77.5°	16.3	11.3	8.1	5.6	3.4	1.5	0.0
-80°	11.4	8.7	6.5	4.5	2.8	1.2	0.0
-82.5°	8.4	6.6	4.9	3.4	2.1	0.9	0.0
-85°	5.6	4.4	3.3	2.3	1.4	0.6	0.0
-87.5°	2.8	2.2	1.6	1.1	0.7	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)