

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: P626907 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2C-730-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626907 (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-SA2C-730-U-MWR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N44
Light Source: (32) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

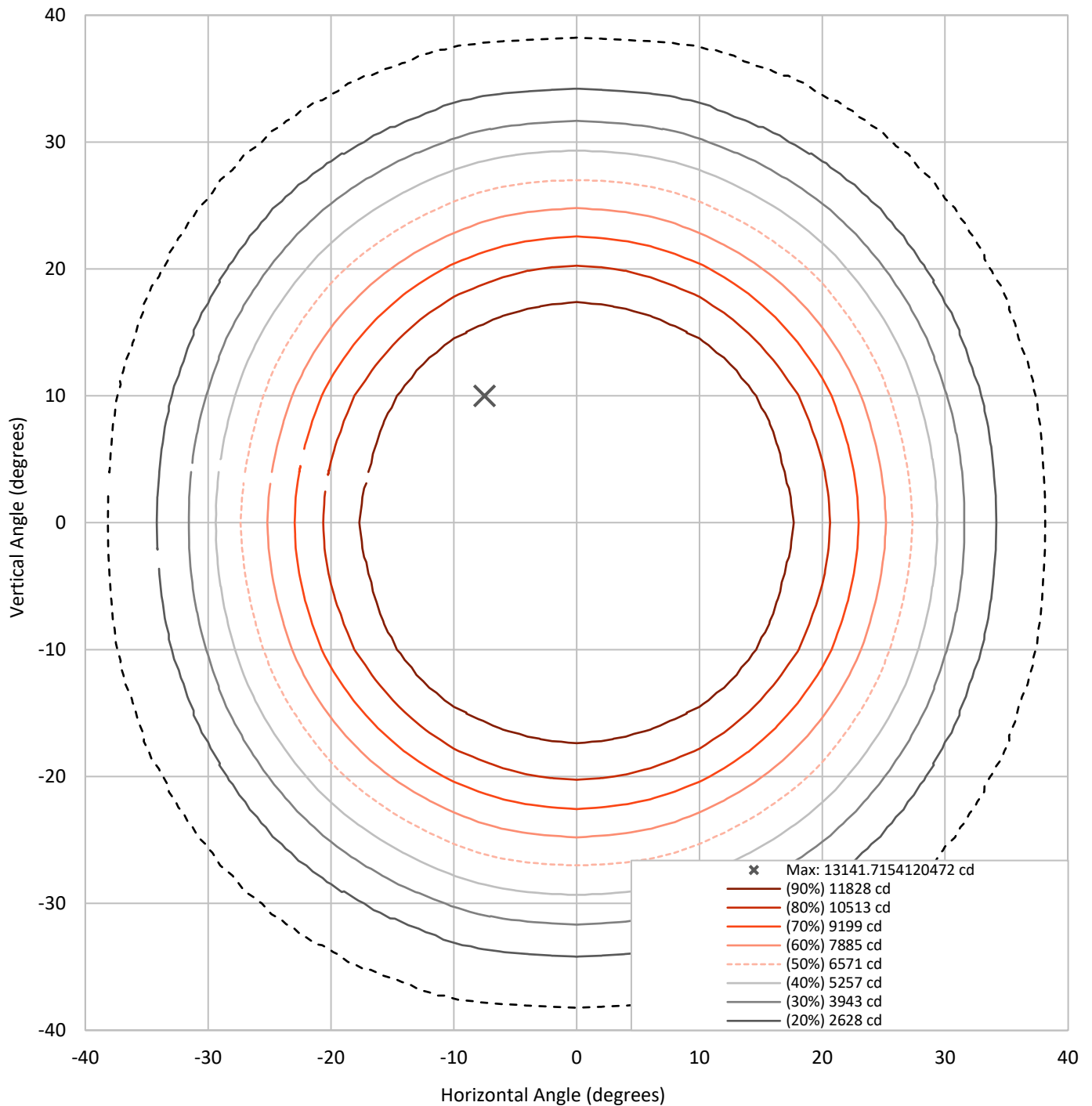
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	11184.9 lumens	Max Intensity:	13141.7 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	135.4 lumens/watt		
Luminous Opening:	Rectangular (W 1' 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:	7423.8 lumens	Field Lumens:	9653.1 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	82.6		
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





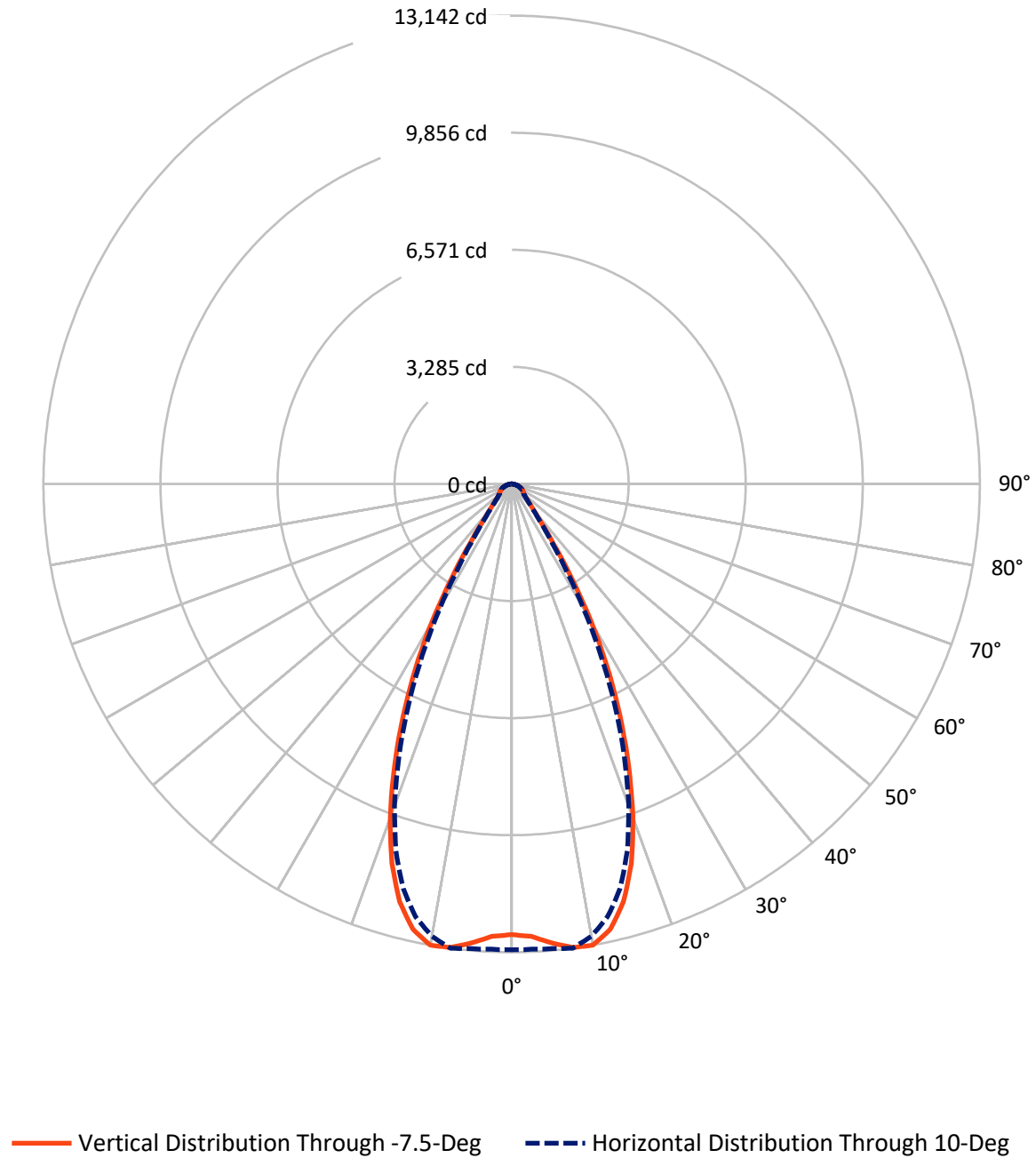
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Lumen Table

90																			
80	0.3	2.6		7.0		11.1		12.4		11.1		7.0		2.6		0.3			
70																			
60	1.2	1.3	2.7	4.5	6.3	7.6	8.6	9.1	9.1	8.6	7.6	6.3	4.5	2.7	1.3	1.2			
50		2.0	4.0	6.5	8.6	10.4	11.7	12.2	12.2	11.7	10.4	8.6	6.5	4.0	2.0				
40	2.1	2.6	5.1	7.8	10.5	13.7	17.2	19.7	19.7	17.2	13.7	10.5	7.8	5.1	2.6	2.1			
30		3.1	5.9	9.0	13.9	25.4	48.7	72.1	72.1	48.7	25.4	13.9	9.0	5.9	3.1				
20	2.7	3.4	6.5	10.5	22.9	71.8	161.1	224.9	224.9	161.1	71.8	22.9	10.5	6.5	3.4	2.7			
10		3.7	6.8	12.5	41.4	153.1	292.3	365.8	365.8	292.3	153.1	41.4	12.5	6.8	3.7				
0	2.9	3.8	7.0	14.1	59.6	209.5	354.6	385.8	385.8	354.6	209.5	59.6	14.1	7.0	3.8	2.9			
-10		3.8	7.0	14.1	59.6	209.5	354.6	385.8	385.8	354.6	209.5	59.6	14.1	7.0	3.8				
-20	2.7	3.7	6.8	12.5	41.4	153.1	292.3	365.8	365.8	292.3	153.1	41.4	12.5	6.8	3.7	2.7			
-30		3.4	6.5	10.5	22.9	71.8	161.1	224.9	224.9	161.1	71.8	22.9	10.5	6.5	3.4				
-40	2.1	3.1	5.9	9.0	13.9	25.4	48.7	72.1	72.1	48.7	25.4	13.9	9.0	5.9	3.1	2.1			
-50		2.6	5.1	7.8	10.5	13.7	17.2	19.7	19.7	17.2	13.7	10.5	7.8	5.1	2.6				
-60	1.2	2.0	4.0	6.5	8.6	10.4	11.7	12.2	12.2	11.7	10.4	8.6	6.5	4.0	2.0	1.2			
-70		1.3	2.7	4.5	6.3	7.6	8.6	9.1	9.1	8.6	7.6	6.3	4.5	2.7	1.3				
-80																			
-90	0.3	2.6		7.0		11.1		12.4		11.1		7.0		2.6		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

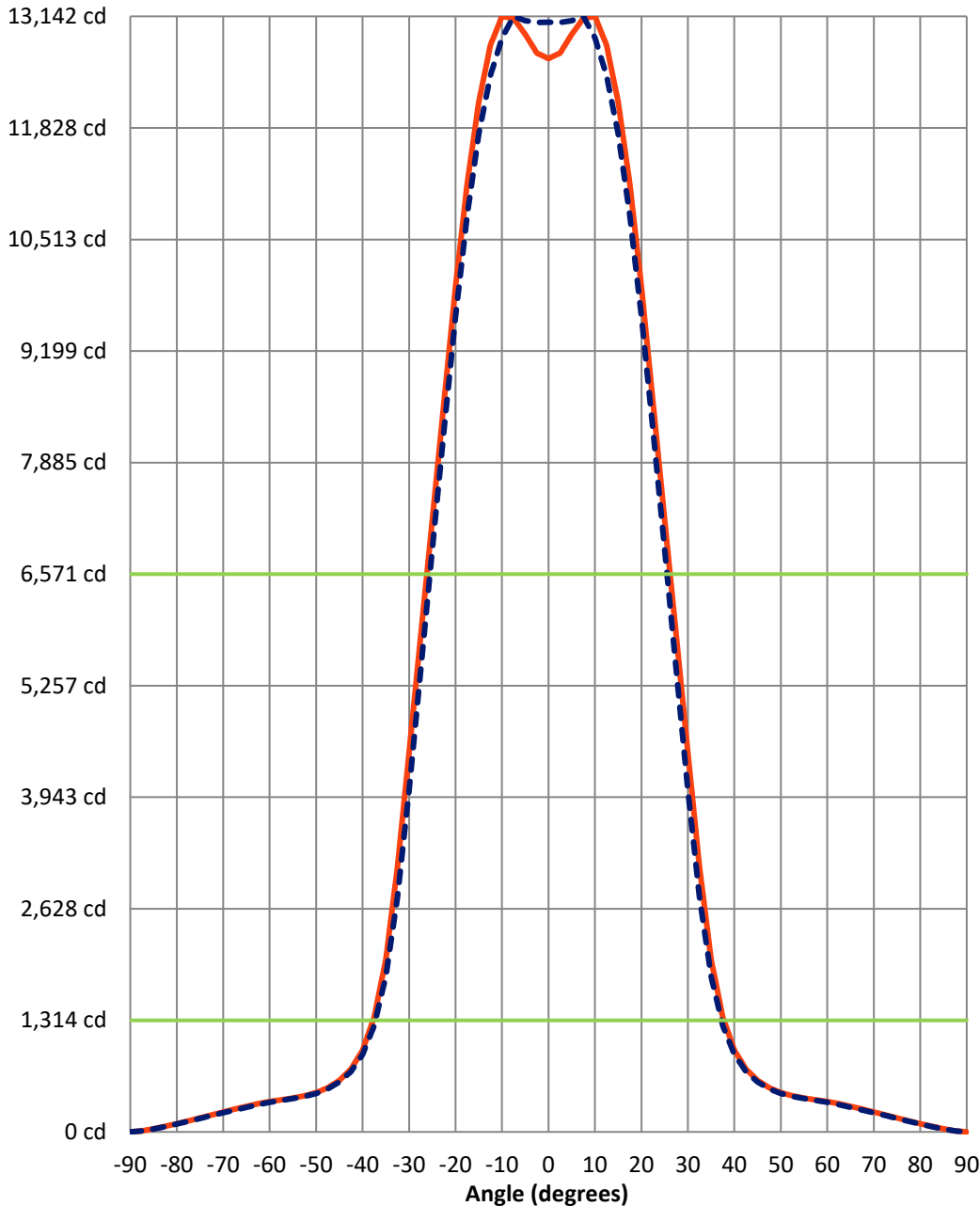
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 7423.8
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 9653.1
 Efficiency: 86.3%

Spill:
 Lumens: 1531.8
 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	0.5	1.0	1.5	2.0	2.5	3.0	3.6	4.3	5.1	5.8
85°	0.0	1.0	2.0	3.0	4.0	5.0	5.9	7.2	8.6	10.1	11.6
82.5°	0.0	1.5	3.0	4.5	6.0	7.4	8.9	10.8	13.2	16.6	19.9
80°	0.0	2.0	4.0	6.0	7.9	9.9	12.3	16.9	21.3	25.5	29.5
77.5°	0.0	2.5	5.0	7.4	9.9	13.4	18.7	24.2	29.5	34.4	39.8
75°	0.0	3.0	5.9	8.9	12.3	18.7	25.1	31.5	37.7	45.0	52.1
72.5°	0.0	3.5	6.9	10.3	16.5	24.0	31.4	39.0	47.6	56.0	64.3
70°	0.0	3.9	7.9	12.1	20.7	29.2	37.7	47.6	57.3	67.0	77.0
67.5°	0.0	4.4	8.8	15.2	24.8	34.3	44.9	56.0	67.0	78.2	89.7
65°	0.0	4.9	9.7	18.2	28.8	39.7	51.9	64.3	76.6	89.2	102.6
62.5°	0.0	5.3	10.6	21.2	32.7	45.3	58.8	72.5	86.1	100.3	116.5
60°	0.0	5.7	11.5	24.1	36.6	50.8	65.5	80.5	95.3	112.4	130.0
57.5°	0.0	6.2	13.3	26.9	40.8	56.2	72.2	88.2	105.3	124.1	142.7
55°	0.0	6.6	15.1	29.7	44.9	61.4	78.8	95.8	115.3	135.3	154.9
52.5°	0.0	7.0	16.9	32.3	48.9	66.4	85.2	104.1	124.9	146.0	166.8
50°	0.0	7.4	18.5	34.9	52.7	71.7	91.4	112.2	134.1	156.3	178.3
47.5°	0.0	7.8	20.2	37.5	56.4	76.7	97.5	120.1	143.0	166.3	189.4
45°	0.0	8.1	21.7	40.1	59.9	81.6	103.9	127.5	151.5	175.9	200.0
42.5°	0.0	8.5	23.1	42.6	63.2	86.3	110.0	134.6	159.7	185.0	210.1
40°	0.0	8.8	24.5	44.9	66.6	90.9	115.7	141.3	167.4	193.8	219.8
37.5°	0.0	9.1	25.8	47.0	70.0	95.2	121.1	147.6	174.9	202.3	229.2
35°	0.0	9.4	27.0	49.0	73.3	99.4	126.2	153.5	182.0	210.2	237.9
32.5°	0.0	9.7	28.1	50.9	76.3	103.4	131.0	159.0	188.8	217.6	245.5
30°	0.0	10.0	29.2	52.7	79.2	107.0	135.3	164.2	195.2	224.4	252.7
27.5°	0.0	10.2	30.1	54.3	81.8	110.4	139.4	169.3	201.0	230.6	259.3
25°	0.0	10.4	31.0	55.8	84.1	113.5	143.0	174.0	206.0	236.0	265.3
22.5°	0.0	10.6	31.7	57.1	86.2	116.3	146.3	178.3	210.6	240.9	270.8
20°	0.0	10.8	32.4	58.3	88.0	118.6	149.2	182.2	214.6	245.3	275.6
17.5°	0.0	11.0	33.0	59.3	89.7	120.7	151.8	185.6	218.1	249.1	279.9
15°	0.0	11.1	33.5	60.2	91.1	122.4	154.2	188.8	221.0	252.3	283.6
12.5°	0.0	11.2	33.9	60.9	92.2	123.9	156.2	191.5	223.6	255.0	286.6
10°	0.0	11.3	34.2	61.4	93.1	125.0	157.9	193.8	225.9	257.6	289.2
7.5°	0.0	11.4	34.4	61.8	93.8	125.9	159.2	195.5	227.7	259.6	291.5
5°	0.0	11.5	34.5	62.1	94.2	126.4	160.2	196.8	229.0	261.0	293.1
2.5°	0.0	11.5	34.6	62.2	94.4	126.6	160.8	197.5	229.7	261.9	294.1
0°	0.0	11.5	34.5	62.1	94.3	126.5	161.0	197.8	230.0	262.2	294.4
-2.5°	0.0	11.5	34.6	62.2	94.4	126.6	160.8	197.5	229.7	261.9	294.1
-5°	0.0	11.5	34.5	62.1	94.2	126.4	160.2	196.8	229.0	261.0	293.1
-7.5°	0.0	11.4	34.4	61.8	93.8	125.9	159.2	195.5	227.7	259.6	291.5
-10°	0.0	11.3	34.2	61.4	93.1	125.0	157.9	193.8	225.9	257.6	289.2
-12.5°	0.0	11.2	33.9	60.9	92.2	123.9	156.2	191.5	223.6	255.0	286.6
-15°	0.0	11.1	33.5	60.2	91.1	122.4	154.2	188.8	221.0	252.3	283.6
-17.5°	0.0	11.0	33.0	59.3	89.7	120.7	151.8	185.6	218.1	249.1	279.9
-20°	0.0	10.8	32.4	58.3	88.0	118.6	149.2	182.2	214.6	245.3	275.6

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CATALOG NUMBER: GFLD-SA2C-730-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	10.6	31.7	57.1	86.2	116.3	146.3	178.3	210.6	240.9	270.8
-25°	0.0	10.4	31.0	55.8	84.1	113.5	143.0	174.0	206.0	236.0	265.3
-27.5°	0.0	10.2	30.1	54.3	81.8	110.4	139.4	169.3	201.0	230.6	259.3
-30°	0.0	10.0	29.2	52.7	79.2	107.0	135.3	164.2	195.2	224.4	252.7
-32.5°	0.0	9.7	28.1	50.9	76.3	103.4	131.0	159.0	188.8	217.6	245.5
-35°	0.0	9.4	27.0	49.0	73.3	99.4	126.2	153.5	182.0	210.2	237.9
-37.5°	0.0	9.1	25.8	47.0	70.0	95.2	121.1	147.6	174.9	202.3	229.2
-40°	0.0	8.8	24.5	44.9	66.6	90.9	115.7	141.3	167.4	193.8	219.8
-42.5°	0.0	8.5	23.1	42.6	63.2	86.3	110.0	134.6	159.7	185.0	210.1
-45°	0.0	8.1	21.7	40.1	59.9	81.6	103.9	127.5	151.5	175.9	200.0
-47.5°	0.0	7.8	20.2	37.5	56.4	76.7	97.5	120.1	143.0	166.3	189.4
-50°	0.0	7.4	18.5	34.9	52.7	71.7	91.4	112.2	134.1	156.3	178.3
-52.5°	0.0	7.0	16.9	32.3	48.9	66.4	85.2	104.1	124.9	146.0	166.8
-55°	0.0	6.6	15.1	29.7	44.9	61.4	78.8	95.8	115.3	135.3	154.9
-57.5°	0.0	6.2	13.3	26.9	40.8	56.2	72.2	88.2	105.3	124.1	142.7
-60°	0.0	5.7	11.5	24.1	36.6	50.8	65.5	80.5	95.3	112.4	130.0
-62.5°	0.0	5.3	10.6	21.2	32.7	45.3	58.8	72.5	86.1	100.3	116.5
-65°	0.0	4.9	9.7	18.2	28.8	39.7	51.9	64.3	76.6	89.2	102.6
-67.5°	0.0	4.4	8.8	15.2	24.8	34.3	44.9	56.0	67.0	78.2	89.7
-70°	0.0	3.9	7.9	12.1	20.7	29.2	37.7	47.6	57.3	67.0	77.0
-72.5°	0.0	3.5	6.9	10.3	16.5	24.0	31.4	39.0	47.6	56.0	64.3
-75°	0.0	3.0	5.9	8.9	12.3	18.7	25.1	31.5	37.7	45.0	52.1
-77.5°	0.0	2.5	5.0	7.4	9.9	13.4	18.7	24.2	29.5	34.4	39.8
-80°	0.0	2.0	4.0	6.0	7.9	9.9	12.3	16.9	21.3	25.5	29.5
-82.5°	0.0	1.5	3.0	4.5	6.0	7.4	8.9	10.8	13.2	16.6	19.9
-85°	0.0	1.0	2.0	3.0	4.0	5.0	5.9	7.2	8.6	10.1	11.6
-87.5°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.6	4.3	5.1	5.8
-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-SA2C-730-U-MWR-XX

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°	6.4	6.9	7.4	7.9	8.4	8.9	9.3	9.8	10.2	10.6	10.9
85°	12.7	13.8	15.6	17.5	19.3	21.0	22.7	24.3	25.8	27.2	28.6
82.5°	22.8	25.8	28.8	31.9	34.6	37.2	39.8	42.4	45.0	47.6	50.2
80°	33.5	37.7	42.4	46.9	50.9	54.7	58.3	61.8	65.6	69.6	73.7
77.5°	45.9	51.8	57.4	62.6	67.6	73.1	78.4	83.5	88.8	94.0	99.0
75°	59.2	66.0	73.1	80.1	86.9	93.4	99.9	106.4	113.1	119.6	125.9
72.5°	72.9	81.5	89.9	98.0	106.5	114.7	122.7	130.3	138.2	146.3	154.0
70°	87.1	96.9	107.3	117.2	126.7	136.3	146.1	155.4	164.6	173.9	183.2
67.5°	101.5	113.8	125.4	136.5	147.7	159.0	170.0	181.1	192.0	202.8	213.2
65°	117.3	130.7	143.5	156.1	168.9	182.1	195.1	207.5	220.1	232.3	243.2
62.5°	132.8	147.1	161.2	175.6	190.7	205.6	219.8	234.1	248.7	261.4	272.5
60°	147.1	162.9	178.7	195.1	211.9	227.9	243.7	259.3	275.0	289.6	298.7
57.5°	160.8	178.4	195.8	213.5	231.2	249.1	265.7	282.8	297.4	309.7	320.2
55°	174.3	193.3	211.9	230.4	249.5	268.2	286.3	302.6	316.8	327.1	337.2
52.5°	187.3	207.4	226.6	246.7	266.9	286.8	305.7	320.8	332.4	342.9	352.4
50°	200.0	220.4	240.7	262.4	283.8	304.8	322.6	335.8	347.7	357.9	367.8
47.5°	211.8	233.1	254.8	277.6	300.2	320.5	336.8	350.6	362.8	373.8	385.5
45°	223.2	245.8	268.7	292.3	315.3	334.9	350.7	365.6	376.9	389.4	402.8
42.5°	234.3	258.0	282.0	306.4	329.7	348.0	363.7	377.4	390.7	405.5	421.7
40°	244.8	269.5	294.6	320.0	343.2	359.4	374.8	389.3	405.5	423.1	441.8
37.5°	254.7	280.4	306.4	332.8	353.1	369.8	385.6	401.7	420.6	440.9	466.4
35°	264.0	290.5	317.3	342.7	362.0	379.7	396.1	414.1	436.1	462.7	495.3
32.5°	272.5	299.8	327.5	350.7	370.2	388.6	405.4	427.9	454.3	486.0	532.2
30°	280.4	308.3	336.1	358.6	377.6	396.1	416.5	441.8	472.8	519.0	578.1
27.5°	287.7	316.1	342.9	365.1	384.2	403.3	427.2	457.8	498.6	553.7	627.2
25°	294.4	323.5	349.4	370.6	390.3	411.5	437.5	471.9	525.5	596.7	696.0
22.5°	300.5	330.2	355.6	375.4	396.1	419.0	449.3	492.4	554.2	637.3	765.4
20°	306.0	335.2	360.2	379.8	401.4	425.2	459.9	511.8	586.3	694.0	857.5
17.5°	310.7	339.7	363.7	384.2	406.6	432.3	470.1	528.6	614.9	743.4	950.7
15°	314.8	343.4	366.7	387.9	411.1	440.3	484.4	550.6	648.1	794.9	1031.8
12.5°	318.2	346.6	369.1	390.9	414.8	447.1	496.6	571.4	682.5	858.1	1151.3
10°	320.9	349.0	370.9	393.2	417.7	452.5	506.6	588.3	711.1	912.8	1253.3
7.5°	323.3	350.8	372.2	394.9	419.7	456.5	514.1	601.4	732.9	955.7	1334.0
5°	325.1	351.9	372.9	395.8	421.5	459.1	519.2	610.5	748.0	986.5	1390.8
2.5°	326.2	352.2	373.0	396.1	422.8	460.3	521.9	615.5	759.9	1001.0	1421.3
0°	326.6	351.9	372.6	395.6	423.2	460.0	522.1	616.4	765.9	1000.5	1425.9
-2.5°	326.2	352.2	373.0	396.1	422.8	460.3	521.9	615.5	759.9	1001.0	1421.3
-5°	325.1	351.9	372.9	395.8	421.5	459.1	519.2	610.5	748.0	986.5	1390.8
-7.5°	323.3	350.8	372.2	394.9	419.7	456.5	514.1	601.4	732.9	955.7	1334.0
-10°	320.9	349.0	370.9	393.2	417.7	452.5	506.6	588.3	711.1	912.8	1253.3
-12.5°	318.2	346.6	369.1	390.9	414.8	447.1	496.6	571.4	682.5	858.1	1151.3
-15°	314.8	343.4	366.7	387.9	411.1	440.3	484.4	550.6	648.1	794.9	1031.8
-17.5°	310.7	339.7	363.7	384.2	406.6	432.3	470.1	528.6	614.9	743.4	950.7
-20°	306.0	335.2	360.2	379.8	401.4	425.2	459.9	511.8	586.3	694.0	857.5

Classified

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

Scaled Data Report



REPORT NUMBER: P626907 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-730-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°	300.5	330.2	355.6	375.4	396.1	419.0	449.3	492.4	554.2	637.3	765.4
-25°	294.4	323.5	349.4	370.6	390.3	411.5	437.5	471.9	525.5	596.7	696.0
-27.5°	287.7	316.1	342.9	365.1	384.2	403.3	427.2	457.8	498.6	553.7	627.2
-30°	280.4	308.3	336.1	358.6	377.6	396.1	416.5	441.8	472.8	519.0	578.1
-32.5°	272.5	299.8	327.5	350.7	370.2	388.6	405.4	427.9	454.3	486.0	532.2
-35°	264.0	290.5	317.3	342.7	362.0	379.7	396.1	414.1	436.1	462.7	495.3
-37.5°	254.7	280.4	306.4	332.8	353.1	369.8	385.6	401.7	420.6	440.9	466.4
-40°	244.8	269.5	294.6	320.0	343.2	359.4	374.8	389.3	405.5	423.1	441.8
-42.5°	234.3	258.0	282.0	306.4	329.7	348.0	363.7	377.4	390.7	405.5	421.7
-45°	223.2	245.8	268.7	292.3	315.3	334.9	350.7	365.6	376.9	389.4	402.8
-47.5°	211.8	233.1	254.8	277.6	300.2	320.5	336.8	350.6	362.8	373.8	385.5
-50°	200.0	220.4	240.7	262.4	283.8	304.8	322.6	335.8	347.7	357.9	367.8
-52.5°	187.3	207.4	226.6	246.7	266.9	286.8	305.7	320.8	332.4	342.9	352.4
-55°	174.3	193.3	211.9	230.4	249.5	268.2	286.3	302.6	316.8	327.1	337.2
-57.5°	160.8	178.4	195.8	213.5	231.2	249.1	265.7	282.8	297.4	309.7	320.2
-60°	147.1	162.9	178.7	195.1	211.9	227.9	243.7	259.3	275.0	289.6	298.7
-62.5°	132.8	147.1	161.2	175.6	190.7	205.6	219.8	234.1	248.7	261.4	272.5
-65°	117.3	130.7	143.5	156.1	168.9	182.1	195.1	207.5	220.1	232.3	243.2
-67.5°	101.5	113.8	125.4	136.5	147.7	159.0	170.0	181.1	192.0	202.8	213.2
-70°	87.1	96.9	107.3	117.2	126.7	136.3	146.1	155.4	164.6	173.9	183.2
-72.5°	72.9	81.5	89.9	98.0	106.5	114.7	122.7	130.3	138.2	146.3	154.0
-75°	59.2	66.0	73.1	80.1	86.9	93.4	99.9	106.4	113.1	119.6	125.9
-77.5°	45.9	51.8	57.4	62.6	67.6	73.1	78.4	83.5	88.8	94.0	99.0
-80°	33.5	37.7	42.4	46.9	50.9	54.7	58.3	61.8	65.6	69.6	73.7
-82.5°	22.8	25.8	28.8	31.9	34.6	37.2	39.8	42.4	45.0	47.6	50.2
-85°	12.7	13.8	15.6	17.5	19.3	21.0	22.7	24.3	25.8	27.2	28.6
-87.5°	6.4	6.9	7.4	7.9	8.4	8.9	9.3	9.8	10.2	10.6	10.9
-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: P626907 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-730-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°	11.3	11.2	11.0	10.7	10.4	11.2	11.9	12.6	13.3	12.9	12.5
85°	29.9	30.6	31.2	31.7	32.1	33.5	34.9	36.2	37.4	37.3	37.2
82.5°	52.7	54.4	55.8	57.1	58.3	60.0	61.5	62.8	63.9	64.7	65.4
80°	77.6	80.4	82.7	84.9	86.8	89.0	91.1	92.9	94.5	95.3	95.9
77.5°	104.0	108.0	111.6	115.0	118.3	121.5	124.4	127.1	129.3	129.9	129.7
75°	131.9	137.3	142.4	147.1	151.4	155.1	158.3	160.9	163.1	164.2	164.7
72.5°	161.3	168.0	173.9	179.3	183.9	187.7	191.1	193.9	196.4	197.9	198.8
70°	192.0	199.8	206.0	211.0	215.0	218.8	223.1	227.1	231.0	233.1	234.0
67.5°	222.7	230.9	236.5	241.1	244.7	248.5	253.9	258.7	263.0	266.0	267.8
65°	252.8	261.4	267.0	271.5	274.8	278.5	284.6	289.4	293.1	296.0	298.6
62.5°	282.6	291.2	297.5	302.7	307.6	311.7	316.7	320.7	323.8	326.7	330.0
60°	308.3	318.6	325.2	330.5	336.5	343.0	346.6	349.6	352.3	354.6	356.6
57.5°	329.4	338.6	347.0	353.4	359.6	365.6	369.9	372.8	375.1	376.8	377.5
55°	347.0	356.5	365.9	372.8	378.9	384.6	389.3	393.0	396.1	398.5	399.0
52.5°	362.8	373.4	382.7	390.7	398.8	405.4	410.6	415.6	420.0	423.6	425.1
50°	380.0	391.1	402.6	413.3	421.9	429.5	435.8	442.9	450.4	456.6	460.6
47.5°	398.0	410.8	424.8	438.0	448.2	459.4	469.8	480.4	494.4	506.1	514.8
45°	416.9	433.4	449.3	466.0	480.1	501.3	520.9	537.7	560.1	580.4	596.5
42.5°	439.2	459.7	479.2	506.1	534.1	563.0	594.2	620.8	655.8	691.4	720.2
40°	465.7	491.8	526.2	562.2	606.6	646.2	700.1	748.0	801.7	869.6	925.7
37.5°	497.5	537.8	585.7	635.8	705.0	771.0	860.0	953.7	1038.8	1169.4	1279.2
35°	538.8	595.1	658.2	747.0	844.8	968.6	1107.3	1288.4	1443.7	1664.0	1874.5
32.5°	592.0	664.5	767.4	904.5	1049.1	1273.7	1493.9	1808.4	2099.6	2448.8	2825.6
30°	651.3	761.6	918.8	1106.9	1376.5	1707.0	2095.3	2578.2	3106.8	3597.5	4081.2
27.5°	737.2	895.1	1101.8	1405.2	1825.5	2287.8	2968.1	3623.7	4307.7	4915.8	5422.9
25°	837.4	1046.2	1365.6	1812.5	2380.9	3172.6	3986.9	4796.1	5531.7	6168.2	6728.5
22.5°	966.9	1267.1	1693.0	2271.8	3156.9	4105.9	5060.8	5953.2	6737.9	7446.7	8053.3
20°	1107.7	1483.3	2091.6	2954.7	3966.9	5048.0	6126.2	7076.9	7940.9	8744.6	9428.2
17.5°	1286.2	1812.3	2582.5	3617.9	4788.3	5972.7	7105.3	8137.1	9117.3	9967.8	10682.0
15°	1438.2	2102.0	3107.2	4321.6	5587.4	6836.8	8032.6	9153.3	10172.4	11045.0	11716.5
12.5°	1641.1	2426.6	3573.0	4926.5	6298.2	7612.9	8872.4	10030.7	11067.8	11930.9	12453.5
10°	1832.9	2762.7	4023.3	5434.7	6859.8	8260.6	9605.5	10793.4	11756.3	12442.8	12888.2
7.5°	1995.9	3051.6	4389.6	5845.5	7306.1	8770.6	10132.0	11287.8	12175.6	12748.9	13059.0
5°	2117.7	3267.5	4661.5	6179.4	7678.1	9168.3	10519.1	11604.1	12371.4	12797.3	12953.0
2.5°	2195.3	3394.3	4819.3	6398.4	7927.1	9420.0	10784.6	11852.6	12503.6	12785.9	12812.8
0°	2226.3	3410.7	4843.6	6513.3	7989.8	9491.7	10860.1	11954.9	12552.8	12785.1	12780.5
-2.5°	2195.3	3394.3	4819.3	6398.4	7927.1	9420.0	10784.6	11852.6	12503.6	12785.9	12812.8
-5°	2117.7	3267.5	4661.5	6179.4	7678.1	9168.3	10519.1	11604.1	12371.4	12797.3	12953.0
-7.5°	1995.9	3051.6	4389.6	5845.5	7306.1	8770.6	10132.0	11287.8	12175.6	12748.9	13059.0
-10°	1832.9	2762.7	4023.3	5434.7	6859.8	8260.6	9605.5	10793.4	11756.3	12442.8	12888.2
-12.5°	1641.1	2426.6	3573.0	4926.5	6298.2	7612.9	8872.4	10030.7	11067.8	11930.9	12453.5
-15°	1438.2	2102.0	3107.2	4321.6	5587.4	6836.8	8032.6	9153.3	10172.4	11045.0	11716.5
-17.5°	1286.2	1812.3	2582.5	3617.9	4788.3	5972.7	7105.3	8137.1	9117.3	9967.8	10682.0
-20°	1107.7	1483.3	2091.6	2954.7	3966.9	5048.0	6126.2	7076.9	7940.9	8744.6	9428.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626907 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	966.9	1267.1	1693.0	2271.8	3156.9	4105.9	5060.8	5953.2	6737.9	7446.7	8053.3
-25°	837.4	1046.2	1365.6	1812.5	2380.9	3172.6	3986.9	4796.1	5531.7	6168.2	6728.5
-27.5°	737.2	895.1	1101.8	1405.2	1825.5	2287.8	2968.1	3623.7	4307.7	4915.8	5422.9
-30°	651.3	761.6	918.8	1106.9	1376.5	1707.0	2095.3	2578.2	3106.8	3597.5	4081.2
-32.5°	592.0	664.5	767.4	904.5	1049.1	1273.7	1493.9	1808.4	2099.6	2448.8	2825.6
-35°	538.8	595.1	658.2	747.0	844.8	968.6	1107.3	1288.4	1443.7	1664.0	1874.5
-37.5°	497.5	537.8	585.7	635.8	705.0	771.0	860.0	953.7	1038.8	1169.4	1279.2
-40°	465.7	491.8	526.2	562.2	606.6	646.2	700.1	748.0	801.7	869.6	925.7
-42.5°	439.2	459.7	479.2	506.1	534.1	563.0	594.2	620.8	655.8	691.4	720.2
-45°	416.9	433.4	449.3	466.0	480.1	501.3	520.9	537.7	560.1	580.4	596.5
-47.5°	398.0	410.8	424.8	438.0	448.2	459.4	469.8	480.4	494.4	506.1	514.8
-50°	380.0	391.1	402.6	413.3	421.9	429.5	435.8	442.9	450.4	456.6	460.6
-52.5°	362.8	373.4	382.7	390.7	398.8	405.4	410.6	415.6	420.0	423.6	425.1
-55°	347.0	356.5	365.9	372.8	378.9	384.6	389.3	393.0	396.1	398.5	399.0
-57.5°	329.4	338.6	347.0	353.4	359.6	365.6	369.9	372.8	375.1	376.8	377.5
-60°	308.3	318.6	325.2	330.5	336.5	343.0	346.6	349.6	352.3	354.6	356.6
-62.5°	282.6	291.2	297.5	302.7	307.6	311.7	316.7	320.7	323.8	326.7	330.0
-65°	252.8	261.4	267.0	271.5	274.8	278.5	284.6	289.4	293.1	296.0	298.6
-67.5°	222.7	230.9	236.5	241.1	244.7	248.5	253.9	258.7	263.0	266.0	267.8
-70°	192.0	199.8	206.0	211.0	215.0	218.8	223.1	227.1	231.0	233.1	234.0
-72.5°	161.3	168.0	173.9	179.3	183.9	187.7	191.1	193.9	196.4	197.9	198.8
-75°	131.9	137.3	142.4	147.1	151.4	155.1	158.3	160.9	163.1	164.2	164.7
-77.5°	104.0	108.0	111.6	115.0	118.3	121.5	124.4	127.1	129.3	129.9	129.7
-80°	77.6	80.4	82.7	84.9	86.8	89.0	91.1	92.9	94.5	95.3	95.9
-82.5°	52.7	54.4	55.8	57.1	58.3	60.0	61.5	62.8	63.9	64.7	65.4
-85°	29.9	30.6	31.2	31.7	32.1	33.5	34.9	36.2	37.4	37.3	37.2
-87.5°	11.3	11.2	11.0	10.7	10.4	11.2	11.9	12.6	13.3	12.9	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: P626907 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-730-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°	12.0	11.5	11.5	11.5	11.5	11.5	12.0	12.5	12.9	13.3	12.6
85°	36.9	36.6	35.6	34.5	35.6	36.6	36.9	37.2	37.3	37.4	36.2
82.5°	65.9	66.4	65.5	64.4	65.5	66.4	65.9	65.4	64.7	63.9	62.8
80°	96.1	96.2	95.4	94.3	95.4	96.2	96.1	95.9	95.3	94.5	92.9
77.5°	129.2	128.3	128.6	128.8	128.6	128.3	129.2	129.7	129.9	129.3	127.1
75°	165.0	164.8	164.3	163.3	164.3	164.8	165.0	164.7	164.2	163.1	160.9
72.5°	199.3	199.3	198.8	197.8	198.8	199.3	199.3	198.8	197.9	196.4	193.9
70°	234.1	233.7	234.3	234.6	234.3	233.7	234.1	234.0	233.1	231.0	227.1
67.5°	269.2	270.2	270.0	269.1	270.0	270.2	269.2	267.8	266.0	263.0	258.7
65°	300.7	302.3	303.3	303.6	303.3	302.3	300.7	298.6	296.0	293.1	289.4
62.5°	332.5	334.3	334.4	333.5	334.4	334.3	332.5	330.0	326.7	323.8	320.7
60°	357.7	358.0	357.5	356.5	357.5	358.0	357.7	356.6	354.6	352.3	349.6
57.5°	377.5	376.8	376.0	374.9	376.0	376.8	377.5	377.5	376.8	375.1	372.8
55°	398.7	397.6	396.7	395.6	396.7	397.6	398.7	399.0	398.5	396.1	393.0
52.5°	425.4	424.8	424.2	423.2	424.2	424.8	425.4	425.1	423.6	420.0	415.6
50°	462.6	463.1	463.1	462.3	463.1	463.1	462.6	460.6	456.6	450.4	442.9
47.5°	520.3	523.4	525.4	526.7	525.4	523.4	520.3	514.8	506.1	494.4	480.4
45°	606.9	613.0	617.4	621.0	617.4	613.0	606.9	596.5	580.4	560.1	537.7
42.5°	740.4	754.2	760.7	759.0	760.7	754.2	740.4	720.2	691.4	655.8	620.8
40°	963.1	985.3	997.6	1007.4	997.6	985.3	963.1	925.7	869.6	801.7	748.0
37.5°	1354.2	1397.3	1420.0	1439.7	1420.0	1397.3	1354.2	1279.2	1169.4	1038.8	953.7
35°	2031.8	2128.8	2180.6	2198.7	2180.6	2128.8	2031.8	1874.5	1664.0	1443.7	1288.4
32.5°	3118.8	3297.6	3396.4	3472.8	3396.4	3297.6	3118.8	2825.6	2448.8	2099.6	1808.4
30°	4464.1	4699.6	4830.4	4894.2	4830.4	4699.6	4464.1	4081.2	3597.5	3106.8	2578.2
27.5°	5843.2	6110.8	6251.8	6244.2	6251.8	6110.8	5843.2	5422.9	4915.8	4307.7	3623.7
25°	7208.9	7518.9	7659.4	7785.1	7659.4	7518.9	7208.9	6728.5	6168.2	5531.7	4796.1
22.5°	8590.2	8952.7	9150.5	9243.3	9150.5	8952.7	8590.2	8053.3	7446.7	6737.9	5953.2
20°	9955.0	10358.6	10568.6	10660.0	10568.6	10358.6	9955.0	9428.2	8744.6	7940.9	7076.9
17.5°	11165.5	11559.5	11759.7	11844.5	11759.7	11559.5	11165.5	10682.0	9967.8	9117.3	8137.1
15°	12132.0	12422.6	12592.8	12637.9	12592.8	12422.6	12132.0	11716.5	11045.0	10172.4	9153.3
12.5°	12800.1	12912.7	12994.6	13019.7	12994.6	12912.7	12800.1	12453.5	11930.9	11067.8	10030.7
10°	13141.7	13090.9	13069.9	13072.6	13069.9	13090.9	13141.7	12888.2	12442.8	11756.3	10793.4
7.5°	13118.2	13043.0	12892.0	12867.9	12892.0	13043.0	13118.2	13059.0	12748.9	12175.6	11287.8
5°	12929.7	12792.8	12542.1	12470.0	12542.1	12792.8	12929.7	12953.0	12797.3	12371.4	11604.1
2.5°	12710.1	12463.2	12232.2	12083.6	12232.2	12463.2	12710.1	12812.8	12785.9	12503.6	11852.6
0°	12644.8	12359.6	12060.7	11964.1	12060.7	12359.6	12644.8	12780.5	12785.1	12552.8	11954.9
-2.5°	12710.1	12463.2	12232.2	12083.6	12232.2	12463.2	12710.1	12812.8	12785.9	12503.6	11852.6
-5°	12929.7	12792.8	12542.1	12470.0	12542.1	12792.8	12929.7	12953.0	12797.3	12371.4	11604.1
-7.5°	13118.2	13043.0	12892.0	12867.9	12892.0	13043.0	13118.2	13059.0	12748.9	12175.6	11287.8
-10°	13141.7	13090.9	13069.9	13072.6	13069.9	13090.9	13141.7	12888.2	12442.8	11756.3	10793.4
-12.5°	12800.1	12912.7	12994.6	13019.7	12994.6	12912.7	12800.1	12453.5	11930.9	11067.8	10030.7
-15°	12132.0	12422.6	12592.8	12637.9	12592.8	12422.6	12132.0	11716.5	11045.0	10172.4	9153.3
-17.5°	11165.5	11559.5	11759.7	11844.5	11759.7	11559.5	11165.5	10682.0	9967.8	9117.3	8137.1
-20°	9955.0	10358.6	10568.6	10660.0	10568.6	10358.6	9955.0	9428.2	8744.6	7940.9	7076.9



REPORT NUMBER: P626907 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-730-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°	8590.2	8952.7	9150.5	9243.3	9150.5	8952.7	8590.2	8053.3	7446.7	6737.9	5953.2
-25°	7208.9	7518.9	7659.4	7785.1	7659.4	7518.9	7208.9	6728.5	6168.2	5531.7	4796.1
-27.5°	5843.2	6110.8	6251.8	6244.2	6251.8	6110.8	5843.2	5422.9	4915.8	4307.7	3623.7
-30°	4464.1	4699.6	4830.4	4894.2	4830.4	4699.6	4464.1	4081.2	3597.5	3106.8	2578.2
-32.5°	3118.8	3297.6	3396.4	3472.8	3396.4	3297.6	3118.8	2825.6	2448.8	2099.6	1808.4
-35°	2031.8	2128.8	2180.6	2198.7	2180.6	2128.8	2031.8	1874.5	1664.0	1443.7	1288.4
-37.5°	1354.2	1397.3	1420.0	1439.7	1420.0	1397.3	1354.2	1279.2	1169.4	1038.8	953.7
-40°	963.1	985.3	997.6	1007.4	997.6	985.3	963.1	925.7	869.6	801.7	748.0
-42.5°	740.4	754.2	760.7	759.0	760.7	754.2	740.4	720.2	691.4	655.8	620.8
-45°	606.9	613.0	617.4	621.0	617.4	613.0	606.9	596.5	580.4	560.1	537.7
-47.5°	520.3	523.4	525.4	526.7	525.4	523.4	520.3	514.8	506.1	494.4	480.4
-50°	462.6	463.1	463.1	462.3	463.1	463.1	462.6	460.6	456.6	450.4	442.9
-52.5°	425.4	424.8	424.2	423.2	424.2	424.8	425.4	425.1	423.6	420.0	415.6
-55°	398.7	397.6	396.7	395.6	396.7	397.6	398.7	399.0	398.5	396.1	393.0
-57.5°	377.5	376.8	376.0	374.9	376.0	376.8	377.5	377.5	376.8	375.1	372.8
-60°	357.7	358.0	357.5	356.5	357.5	358.0	357.7	356.6	354.6	352.3	349.6
-62.5°	332.5	334.3	334.4	333.5	334.4	334.3	332.5	330.0	326.7	323.8	320.7
-65°	300.7	302.3	303.3	303.6	303.3	302.3	300.7	298.6	296.0	293.1	289.4
-67.5°	269.2	270.2	270.0	269.1	270.0	270.2	269.2	267.8	266.0	263.0	258.7
-70°	234.1	233.7	234.3	234.6	234.3	233.7	234.1	234.0	233.1	231.0	227.1
-72.5°	199.3	199.3	198.8	197.8	198.8	199.3	199.3	198.8	197.9	196.4	193.9
-75°	165.0	164.8	164.3	163.3	164.3	164.8	165.0	164.7	164.2	163.1	160.9
-77.5°	129.2	128.3	128.6	128.8	128.6	128.3	129.2	129.7	129.9	129.3	127.1
-80°	96.1	96.2	95.4	94.3	95.4	96.2	96.1	95.9	95.3	94.5	92.9
-82.5°	65.9	66.4	65.5	64.4	65.5	66.4	65.9	65.4	64.7	63.9	62.8
-85°	36.9	36.6	35.6	34.5	35.6	36.6	36.9	37.2	37.3	37.4	36.2
-87.5°	12.0	11.5	11.5	11.5	11.5	11.5	12.0	12.5	12.9	13.3	12.6
-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: P626907 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-730-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°	11.9	11.2	10.4	10.7	11.0	11.2	11.3	10.9	10.6	10.2	9.8
85°	34.9	33.5	32.1	31.7	31.2	30.6	29.9	28.6	27.2	25.8	24.3
82.5°	61.5	60.0	58.3	57.1	55.8	54.4	52.7	50.2	47.6	45.0	42.4
80°	91.1	89.0	86.8	84.9	82.7	80.4	77.6	73.7	69.6	65.6	61.8
77.5°	124.4	121.5	118.3	115.0	111.6	108.0	104.0	99.0	94.0	88.8	83.5
75°	158.3	155.1	151.4	147.1	142.4	137.3	131.9	125.9	119.6	113.1	106.4
72.5°	191.1	187.7	183.9	179.3	173.9	168.0	161.3	154.0	146.3	138.2	130.3
70°	223.1	218.8	215.0	211.0	206.0	199.8	192.0	183.2	173.9	164.6	155.4
67.5°	253.9	248.5	244.7	241.1	236.5	230.9	222.7	213.2	202.8	192.0	181.1
65°	284.6	278.5	274.8	271.5	267.0	261.4	252.8	243.2	232.3	220.1	207.5
62.5°	316.7	311.7	307.6	302.7	297.5	291.2	282.6	272.5	261.4	248.7	234.1
60°	346.6	343.0	336.5	330.5	325.2	318.6	308.3	298.7	289.6	275.0	259.3
57.5°	369.9	365.6	359.6	353.4	347.0	338.6	329.4	320.2	309.7	297.4	282.8
55°	389.3	384.6	378.9	372.8	365.9	356.5	347.0	337.2	327.1	316.8	302.6
52.5°	410.6	405.4	398.8	390.7	382.7	373.4	362.8	352.4	342.9	332.4	320.8
50°	435.8	429.5	421.9	413.3	402.6	391.1	380.0	367.8	357.9	347.7	335.8
47.5°	469.8	459.4	448.2	438.0	424.8	410.8	398.0	385.5	373.8	362.8	350.6
45°	520.9	501.3	480.1	466.0	449.3	433.4	416.9	402.8	389.4	376.9	365.6
42.5°	594.2	563.0	534.1	506.1	479.2	459.7	439.2	421.7	405.5	390.7	377.4
40°	700.1	646.2	606.6	562.2	526.2	491.8	465.7	441.8	423.1	405.5	389.3
37.5°	860.0	771.0	705.0	635.8	585.7	537.8	497.5	466.4	440.9	420.6	401.7
35°	1107.3	968.6	844.8	747.0	658.2	595.1	538.8	495.3	462.7	436.1	414.1
32.5°	1493.9	1273.7	1049.1	904.5	767.4	664.5	592.0	532.2	486.0	454.3	427.9
30°	2095.3	1707.0	1376.5	1106.9	918.8	761.6	651.3	578.1	519.0	472.8	441.8
27.5°	2968.1	2287.8	1825.5	1405.2	1101.8	895.1	737.2	627.2	553.7	498.6	457.8
25°	3986.9	3172.6	2380.9	1812.5	1365.6	1046.2	837.4	696.0	596.7	525.5	471.9
22.5°	5060.8	4105.9	3156.9	2271.8	1693.0	1267.1	966.9	765.4	637.3	554.2	492.4
20°	6126.2	5048.0	3966.9	2954.7	2091.6	1483.3	1107.7	857.5	694.0	586.3	511.8
17.5°	7105.3	5972.7	4788.3	3617.9	2582.5	1812.3	1286.2	950.7	743.4	614.9	528.6
15°	8032.6	6836.8	5587.4	4321.6	3107.2	2102.0	1438.2	1031.8	794.9	648.1	550.6
12.5°	8872.4	7612.9	6298.2	4926.5	3573.0	2426.6	1641.1	1151.3	858.1	682.5	571.4
10°	9605.5	8260.6	6859.8	5434.7	4023.3	2762.7	1832.9	1253.3	912.8	711.1	588.3
7.5°	10132.0	8770.6	7306.1	5845.5	4389.6	3051.6	1995.9	1334.0	955.7	732.9	601.4
5°	10519.1	9168.3	7678.1	6179.4	4661.5	3267.5	2117.7	1390.8	986.5	748.0	610.5
2.5°	10784.6	9420.0	7927.1	6398.4	4819.3	3394.3	2195.3	1421.3	1001.0	759.9	615.5
0°	10860.1	9491.7	7989.8	6513.3	4843.6	3410.7	2226.3	1425.9	1000.5	765.9	616.4
-2.5°	10784.6	9420.0	7927.1	6398.4	4819.3	3394.3	2195.3	1421.3	1001.0	759.9	615.5
-5°	10519.1	9168.3	7678.1	6179.4	4661.5	3267.5	2117.7	1390.8	986.5	748.0	610.5
-7.5°	10132.0	8770.6	7306.1	5845.5	4389.6	3051.6	1995.9	1334.0	955.7	732.9	601.4
-10°	9605.5	8260.6	6859.8	5434.7	4023.3	2762.7	1832.9	1253.3	912.8	711.1	588.3
-12.5°	8872.4	7612.9	6298.2	4926.5	3573.0	2426.6	1641.1	1151.3	858.1	682.5	571.4
-15°	8032.6	6836.8	5587.4	4321.6	3107.2	2102.0	1438.2	1031.8	794.9	648.1	550.6
-17.5°	7105.3	5972.7	4788.3	3617.9	2582.5	1812.3	1286.2	950.7	743.4	614.9	528.6
-20°	6126.2	5048.0	3966.9	2954.7	2091.6	1483.3	1107.7	857.5	694.0	586.3	511.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626907 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5060.8	4105.9	3156.9	2271.8	1693.0	1267.1	966.9	765.4	637.3	554.2	492.4
-25°	3986.9	3172.6	2380.9	1812.5	1365.6	1046.2	837.4	696.0	596.7	525.5	471.9
-27.5°	2968.1	2287.8	1825.5	1405.2	1101.8	895.1	737.2	627.2	553.7	498.6	457.8
-30°	2095.3	1707.0	1376.5	1106.9	918.8	761.6	651.3	578.1	519.0	472.8	441.8
-32.5°	1493.9	1273.7	1049.1	904.5	767.4	664.5	592.0	532.2	486.0	454.3	427.9
-35°	1107.3	968.6	844.8	747.0	658.2	595.1	538.8	495.3	462.7	436.1	414.1
-37.5°	860.0	771.0	705.0	635.8	585.7	537.8	497.5	466.4	440.9	420.6	401.7
-40°	700.1	646.2	606.6	562.2	526.2	491.8	465.7	441.8	423.1	405.5	389.3
-42.5°	594.2	563.0	534.1	506.1	479.2	459.7	439.2	421.7	405.5	390.7	377.4
-45°	520.9	501.3	480.1	466.0	449.3	433.4	416.9	402.8	389.4	376.9	365.6
-47.5°	469.8	459.4	448.2	438.0	424.8	410.8	398.0	385.5	373.8	362.8	350.6
-50°	435.8	429.5	421.9	413.3	402.6	391.1	380.0	367.8	357.9	347.7	335.8
-52.5°	410.6	405.4	398.8	390.7	382.7	373.4	362.8	352.4	342.9	332.4	320.8
-55°	389.3	384.6	378.9	372.8	365.9	356.5	347.0	337.2	327.1	316.8	302.6
-57.5°	369.9	365.6	359.6	353.4	347.0	338.6	329.4	320.2	309.7	297.4	282.8
-60°	346.6	343.0	336.5	330.5	325.2	318.6	308.3	298.7	289.6	275.0	259.3
-62.5°	316.7	311.7	307.6	302.7	297.5	291.2	282.6	272.5	261.4	248.7	234.1
-65°	284.6	278.5	274.8	271.5	267.0	261.4	252.8	243.2	232.3	220.1	207.5
-67.5°	253.9	248.5	244.7	241.1	236.5	230.9	222.7	213.2	202.8	192.0	181.1
-70°	223.1	218.8	215.0	211.0	206.0	199.8	192.0	183.2	173.9	164.6	155.4
-72.5°	191.1	187.7	183.9	179.3	173.9	168.0	161.3	154.0	146.3	138.2	130.3
-75°	158.3	155.1	151.4	147.1	142.4	137.3	131.9	125.9	119.6	113.1	106.4
-77.5°	124.4	121.5	118.3	115.0	111.6	108.0	104.0	99.0	94.0	88.8	83.5
-80°	91.1	89.0	86.8	84.9	82.7	80.4	77.6	73.7	69.6	65.6	61.8
-82.5°	61.5	60.0	58.3	57.1	55.8	54.4	52.7	50.2	47.6	45.0	42.4
-85°	34.9	33.5	32.1	31.7	31.2	30.6	29.9	28.6	27.2	25.8	24.3
-87.5°	11.9	11.2	10.4	10.7	11.0	11.2	11.3	10.9	10.6	10.2	9.8
-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: P626907 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-730-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°	9.3	8.9	8.4	7.9	7.4	6.9	6.4	5.8	5.1	4.3	3.6
85°	22.7	21.0	19.3	17.5	15.6	13.8	12.7	11.6	10.1	8.6	7.2
82.5°	39.8	37.2	34.6	31.9	28.8	25.8	22.8	19.9	16.6	13.2	10.8
80°	58.3	54.7	50.9	46.9	42.4	37.7	33.5	29.5	25.5	21.3	16.9
77.5°	78.4	73.1	67.6	62.6	57.4	51.8	45.9	39.8	34.4	29.5	24.2
75°	99.9	93.4	86.9	80.1	73.1	66.0	59.2	52.1	45.0	37.7	31.5
72.5°	122.7	114.7	106.5	98.0	89.9	81.5	72.9	64.3	56.0	47.6	39.0
70°	146.1	136.3	126.7	117.2	107.3	96.9	87.1	77.0	67.0	57.3	47.6
67.5°	170.0	159.0	147.7	136.5	125.4	113.8	101.5	89.7	78.2	67.0	56.0
65°	195.1	182.1	168.9	156.1	143.5	130.7	117.3	102.6	89.2	76.6	64.3
62.5°	219.8	205.6	190.7	175.6	161.2	147.1	132.8	116.5	100.3	86.1	72.5
60°	243.7	227.9	211.9	195.1	178.7	162.9	147.1	130.0	112.4	95.3	80.5
57.5°	265.7	249.1	231.2	213.5	195.8	178.4	160.8	142.7	124.1	105.3	88.2
55°	286.3	268.2	249.5	230.4	211.9	193.3	174.3	154.9	135.3	115.3	95.8
52.5°	305.7	286.8	266.9	246.7	226.6	207.4	187.3	166.8	146.0	124.9	104.1
50°	322.6	304.8	283.8	262.4	240.7	220.4	200.0	178.3	156.3	134.1	112.2
47.5°	336.8	320.5	300.2	277.6	254.8	233.1	211.8	189.4	166.3	143.0	120.1
45°	350.7	334.9	315.3	292.3	268.7	245.8	223.2	200.0	175.9	151.5	127.5
42.5°	363.7	348.0	329.7	306.4	282.0	258.0	234.3	210.1	185.0	159.7	134.6
40°	374.8	359.4	343.2	320.0	294.6	269.5	244.8	219.8	193.8	167.4	141.3
37.5°	385.6	369.8	353.1	332.8	306.4	280.4	254.7	229.2	202.3	174.9	147.6
35°	396.1	379.7	362.0	342.7	317.3	290.5	264.0	237.9	210.2	182.0	153.5
32.5°	405.4	388.6	370.2	350.7	327.5	299.8	272.5	245.5	217.6	188.8	159.0
30°	416.5	396.1	377.6	358.6	336.1	308.3	280.4	252.7	224.4	195.2	164.2
27.5°	427.2	403.3	384.2	365.1	342.9	316.1	287.7	259.3	230.6	201.0	169.3
25°	437.5	411.5	390.3	370.6	349.4	323.5	294.4	265.3	236.0	206.0	174.0
22.5°	449.3	419.0	396.1	375.4	355.6	330.2	300.5	270.8	240.9	210.6	178.3
20°	459.9	425.2	401.4	379.8	360.2	335.2	306.0	275.6	245.3	214.6	182.2
17.5°	470.1	432.3	406.6	384.2	363.7	339.7	310.7	279.9	249.1	218.1	185.6
15°	484.4	440.3	411.1	387.9	366.7	343.4	314.8	283.6	252.3	221.0	188.8
12.5°	496.6	447.1	414.8	390.9	369.1	346.6	318.2	286.6	255.0	223.6	191.5
10°	506.6	452.5	417.7	393.2	370.9	349.0	320.9	289.2	257.6	225.9	193.8
7.5°	514.1	456.5	419.7	394.9	372.2	350.8	323.3	291.5	259.6	227.7	195.5
5°	519.2	459.1	421.5	395.8	372.9	351.9	325.1	293.1	261.0	229.0	196.8
2.5°	521.9	460.3	422.8	396.1	373.0	352.2	326.2	294.1	261.9	229.7	197.5
0°	522.1	460.0	423.2	395.6	372.6	351.9	326.6	294.4	262.2	230.0	197.8
-2.5°	521.9	460.3	422.8	396.1	373.0	352.2	326.2	294.1	261.9	229.7	197.5
-5°	519.2	459.1	421.5	395.8	372.9	351.9	325.1	293.1	261.0	229.0	196.8
-7.5°	514.1	456.5	419.7	394.9	372.2	350.8	323.3	291.5	259.6	227.7	195.5
-10°	506.6	452.5	417.7	393.2	370.9	349.0	320.9	289.2	257.6	225.9	193.8
-12.5°	496.6	447.1	414.8	390.9	369.1	346.6	318.2	286.6	255.0	223.6	191.5
-15°	484.4	440.3	411.1	387.9	366.7	343.4	314.8	283.6	252.3	221.0	188.8
-17.5°	470.1	432.3	406.6	384.2	363.7	339.7	310.7	279.9	249.1	218.1	185.6
-20°	459.9	425.2	401.4	379.8	360.2	335.2	306.0	275.6	245.3	214.6	182.2

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1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626907 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-730-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°	449.3	419.0	396.1	375.4	355.6	330.2	300.5	270.8	240.9	210.6	178.3
-25°	437.5	411.5	390.3	370.6	349.4	323.5	294.4	265.3	236.0	206.0	174.0
-27.5°	427.2	403.3	384.2	365.1	342.9	316.1	287.7	259.3	230.6	201.0	169.3
-30°	416.5	396.1	377.6	358.6	336.1	308.3	280.4	252.7	224.4	195.2	164.2
-32.5°	405.4	388.6	370.2	350.7	327.5	299.8	272.5	245.5	217.6	188.8	159.0
-35°	396.1	379.7	362.0	342.7	317.3	290.5	264.0	237.9	210.2	182.0	153.5
-37.5°	385.6	369.8	353.1	332.8	306.4	280.4	254.7	229.2	202.3	174.9	147.6
-40°	374.8	359.4	343.2	320.0	294.6	269.5	244.8	219.8	193.8	167.4	141.3
-42.5°	363.7	348.0	329.7	306.4	282.0	258.0	234.3	210.1	185.0	159.7	134.6
-45°	350.7	334.9	315.3	292.3	268.7	245.8	223.2	200.0	175.9	151.5	127.5
-47.5°	336.8	320.5	300.2	277.6	254.8	233.1	211.8	189.4	166.3	143.0	120.1
-50°	322.6	304.8	283.8	262.4	240.7	220.4	200.0	178.3	156.3	134.1	112.2
-52.5°	305.7	286.8	266.9	246.7	226.6	207.4	187.3	166.8	146.0	124.9	104.1
-55°	286.3	268.2	249.5	230.4	211.9	193.3	174.3	154.9	135.3	115.3	95.8
-57.5°	265.7	249.1	231.2	213.5	195.8	178.4	160.8	142.7	124.1	105.3	88.2
-60°	243.7	227.9	211.9	195.1	178.7	162.9	147.1	130.0	112.4	95.3	80.5
-62.5°	219.8	205.6	190.7	175.6	161.2	147.1	132.8	116.5	100.3	86.1	72.5
-65°	195.1	182.1	168.9	156.1	143.5	130.7	117.3	102.6	89.2	76.6	64.3
-67.5°	170.0	159.0	147.7	136.5	125.4	113.8	101.5	89.7	78.2	67.0	56.0
-70°	146.1	136.3	126.7	117.2	107.3	96.9	87.1	77.0	67.0	57.3	47.6
-72.5°	122.7	114.7	106.5	98.0	89.9	81.5	72.9	64.3	56.0	47.6	39.0
-75°	99.9	93.4	86.9	80.1	73.1	66.0	59.2	52.1	45.0	37.7	31.5
-77.5°	78.4	73.1	67.6	62.6	57.4	51.8	45.9	39.8	34.4	29.5	24.2
-80°	58.3	54.7	50.9	46.9	42.4	37.7	33.5	29.5	25.5	21.3	16.9
-82.5°	39.8	37.2	34.6	31.9	28.8	25.8	22.8	19.9	16.6	13.2	10.8
-85°	22.7	21.0	19.3	17.5	15.6	13.8	12.7	11.6	10.1	8.6	7.2
-87.5°	9.3	8.9	8.4	7.9	7.4	6.9	6.4	5.8	5.1	4.3	3.6
-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: P626907 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-730-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°	3.0	2.5	2.0	1.5	1.0	0.5	0.0
85°	5.9	5.0	4.0	3.0	2.0	1.0	0.0
82.5°	8.9	7.4	6.0	4.5	3.0	1.5	0.0
80°	12.3	9.9	7.9	6.0	4.0	2.0	0.0
77.5°	18.7	13.4	9.9	7.4	5.0	2.5	0.0
75°	25.1	18.7	12.3	8.9	5.9	3.0	0.0
72.5°	31.4	24.0	16.5	10.3	6.9	3.5	0.0
70°	37.7	29.2	20.7	12.1	7.9	3.9	0.0
67.5°	44.9	34.3	24.8	15.2	8.8	4.4	0.0
65°	51.9	39.7	28.8	18.2	9.7	4.9	0.0
62.5°	58.8	45.3	32.7	21.2	10.6	5.3	0.0
60°	65.5	50.8	36.6	24.1	11.5	5.7	0.0
57.5°	72.2	56.2	40.8	26.9	13.3	6.2	0.0
55°	78.8	61.4	44.9	29.7	15.1	6.6	0.0
52.5°	85.2	66.4	48.9	32.3	16.9	7.0	0.0
50°	91.4	71.7	52.7	34.9	18.5	7.4	0.0
47.5°	97.5	76.7	56.4	37.5	20.2	7.8	0.0
45°	103.9	81.6	59.9	40.1	21.7	8.1	0.0
42.5°	110.0	86.3	63.2	42.6	23.1	8.5	0.0
40°	115.7	90.9	66.6	44.9	24.5	8.8	0.0
37.5°	121.1	95.2	70.0	47.0	25.8	9.1	0.0
35°	126.2	99.4	73.3	49.0	27.0	9.4	0.0
32.5°	131.0	103.4	76.3	50.9	28.1	9.7	0.0
30°	135.3	107.0	79.2	52.7	29.2	10.0	0.0
27.5°	139.4	110.4	81.8	54.3	30.1	10.2	0.0
25°	143.0	113.5	84.1	55.8	31.0	10.4	0.0
22.5°	146.3	116.3	86.2	57.1	31.7	10.6	0.0
20°	149.2	118.6	88.0	58.3	32.4	10.8	0.0
17.5°	151.8	120.7	89.7	59.3	33.0	11.0	0.0
15°	154.2	122.4	91.1	60.2	33.5	11.1	0.0
12.5°	156.2	123.9	92.2	60.9	33.9	11.2	0.0
10°	157.9	125.0	93.1	61.4	34.2	11.3	0.0
7.5°	159.2	125.9	93.8	61.8	34.4	11.4	0.0
5°	160.2	126.4	94.2	62.1	34.5	11.5	0.0
2.5°	160.8	126.6	94.4	62.2	34.6	11.5	0.0
0°	161.0	126.5	94.3	62.1	34.5	11.5	0.0
-2.5°	160.8	126.6	94.4	62.2	34.6	11.5	0.0
-5°	160.2	126.4	94.2	62.1	34.5	11.5	0.0
-7.5°	159.2	125.9	93.8	61.8	34.4	11.4	0.0
-10°	157.9	125.0	93.1	61.4	34.2	11.3	0.0
-12.5°	156.2	123.9	92.2	60.9	33.9	11.2	0.0
-15°	154.2	122.4	91.1	60.2	33.5	11.1	0.0
-17.5°	151.8	120.7	89.7	59.3	33.0	11.0	0.0
-20°	149.2	118.6	88.0	58.3	32.4	10.8	0.0

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Scaled Data Report



REPORT NUMBER: P626907 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	146.3	116.3	86.2	57.1	31.7	10.6	0.0
-25°	143.0	113.5	84.1	55.8	31.0	10.4	0.0
-27.5°	139.4	110.4	81.8	54.3	30.1	10.2	0.0
-30°	135.3	107.0	79.2	52.7	29.2	10.0	0.0
-32.5°	131.0	103.4	76.3	50.9	28.1	9.7	0.0
-35°	126.2	99.4	73.3	49.0	27.0	9.4	0.0
-37.5°	121.1	95.2	70.0	47.0	25.8	9.1	0.0
-40°	115.7	90.9	66.6	44.9	24.5	8.8	0.0
-42.5°	110.0	86.3	63.2	42.6	23.1	8.5	0.0
-45°	103.9	81.6	59.9	40.1	21.7	8.1	0.0
-47.5°	97.5	76.7	56.4	37.5	20.2	7.8	0.0
-50°	91.4	71.7	52.7	34.9	18.5	7.4	0.0
-52.5°	85.2	66.4	48.9	32.3	16.9	7.0	0.0
-55°	78.8	61.4	44.9	29.7	15.1	6.6	0.0
-57.5°	72.2	56.2	40.8	26.9	13.3	6.2	0.0
-60°	65.5	50.8	36.6	24.1	11.5	5.7	0.0
-62.5°	58.8	45.3	32.7	21.2	10.6	5.3	0.0
-65°	51.9	39.7	28.8	18.2	9.7	4.9	0.0
-67.5°	44.9	34.3	24.8	15.2	8.8	4.4	0.0
-70°	37.7	29.2	20.7	12.1	7.9	3.9	0.0
-72.5°	31.4	24.0	16.5	10.3	6.9	3.5	0.0
-75°	25.1	18.7	12.3	8.9	5.9	3.0	0.0
-77.5°	18.7	13.4	9.9	7.4	5.0	2.5	0.0
-80°	12.3	9.9	7.9	6.0	4.0	2.0	0.0
-82.5°	8.9	7.4	6.0	4.5	3.0	1.5	0.0
-85°	5.9	5.0	4.0	3.0	2.0	1.0	0.0
-87.5°	3.0	2.5	2.0	1.5	1.0	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)