

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: P626601 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-727-U-VWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626601 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-17)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1B-727-U-VWR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N13
Light Source: (16) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

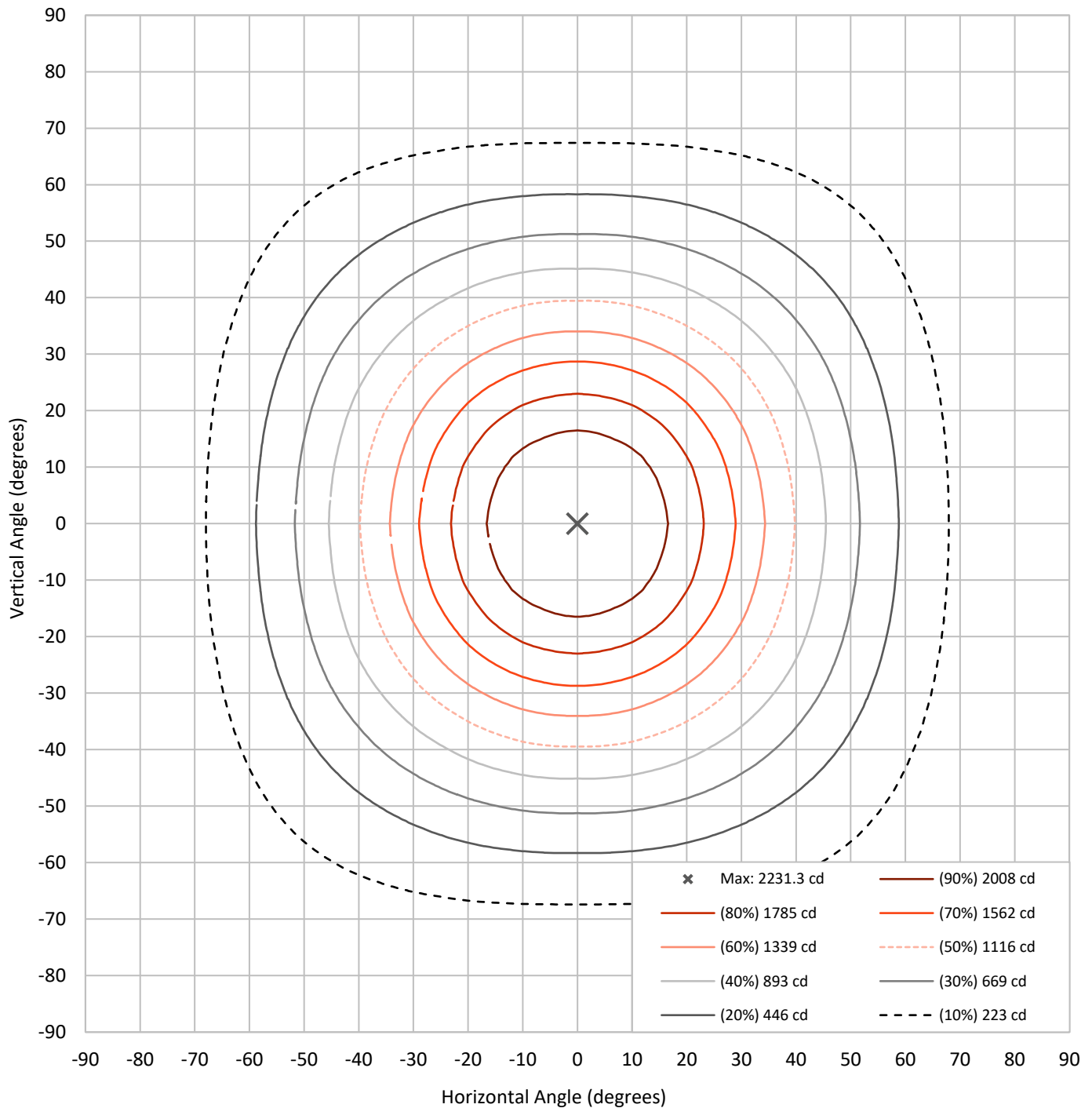
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	4033 lumens	Max Intensity:	2231.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	120.4 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	79.6°H x 78.9°V	Field Angle (10%):	135.9°H x 134.8°V
Beam Lumens:	2365.4 lumens	Field Lumens:	3844.7 lumens
Beam Efficiency:	58.7%	Field Efficiency:	95.3%
Input Watts (W):	33.5		
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





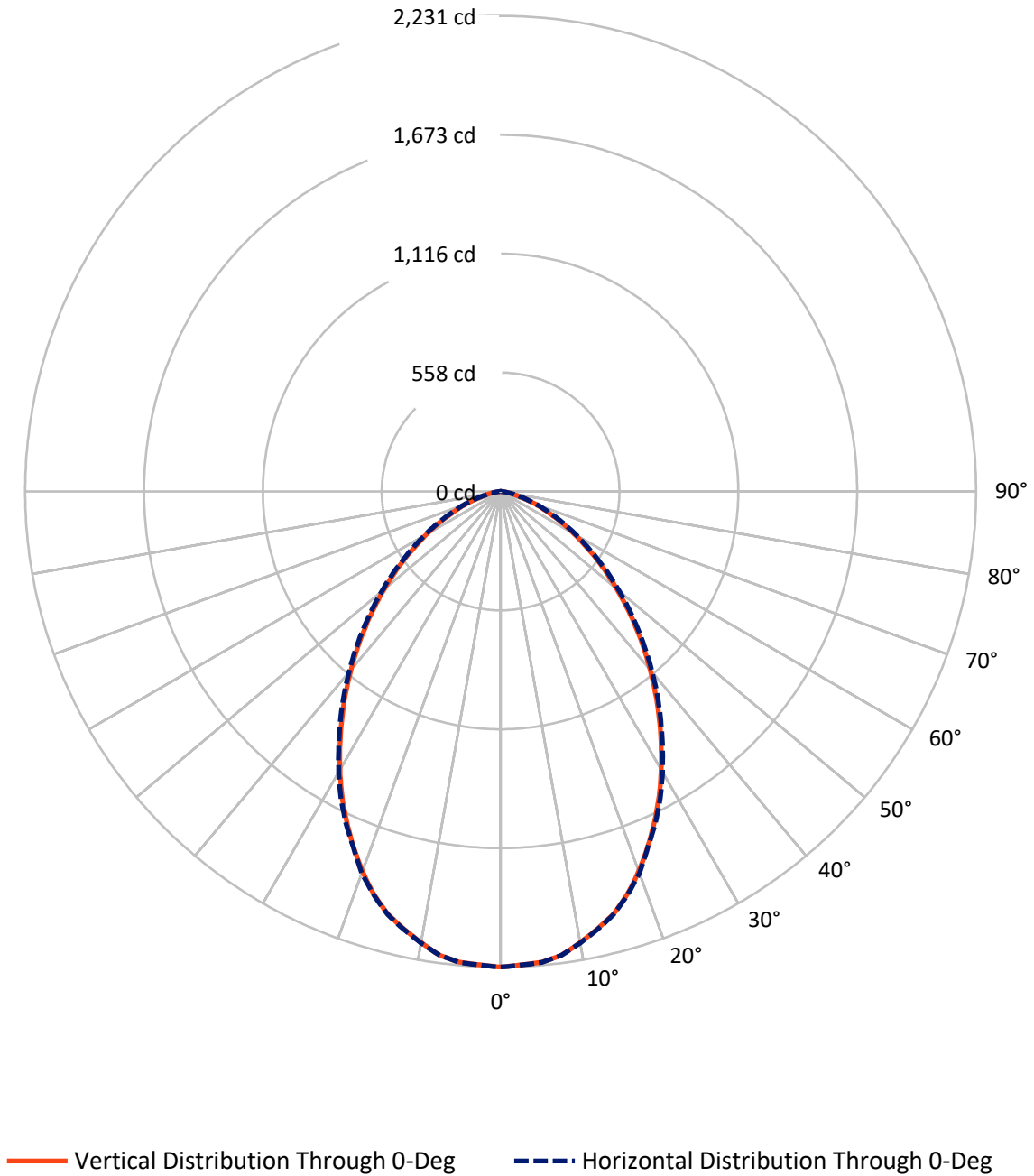
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Lumen Table

90																			
80	0.1	1.7	4.5	7.6	7.2	7.6	4.5	1.7	0.1										
70																			
60	0.7	1.0	2.1	3.6	5.2	6.7	7.9	8.4	8.4	7.9	6.7	5.2	3.6	2.1	1.0	0.7			
50		1.6	3.4	6.1	9.2	12.5	15.2	16.6	16.6	15.2	12.5	9.2	6.1	3.4	1.6				
40	1.3	2.1	4.9	9.1	14.3	19.9	24.5	27.1	27.1	24.5	19.9	14.3	9.1	4.9	2.1	1.3			
30		2.6	6.5	12.5	20.1	28.2	35.0	39.0	39.0	35.0	28.2	20.1	12.5	6.5	2.6				
20	1.7	3.2	8.0	15.7	25.6	36.3	45.6	51.0	51.0	45.6	36.3	25.6	15.7	8.0	3.2	1.7			
10		3.6	9.1	18.1	29.8	42.9	54.4	60.9	60.9	54.4	42.9	29.8	18.1	9.1	3.6				
0	1.8	3.8	9.8	19.4	32.2	46.5	59.1	66.0	66.0	59.1	46.5	32.2	19.4	9.8	3.8	1.8			
-10		3.8	9.8	19.4	32.2	46.5	59.1	66.0	66.0	59.1	46.5	32.2	19.4	9.8	3.8				
-20	1.7	3.6	9.1	18.1	29.8	42.9	54.4	60.9	60.9	54.4	42.9	29.8	18.1	9.1	3.6	1.7			
-30		3.2	8.0	15.7	25.6	36.3	45.6	51.0	51.0	45.6	36.3	25.6	15.7	8.0	3.2				
-40	1.3	2.6	6.5	12.5	20.1	28.2	35.0	39.0	39.0	35.0	28.2	20.1	12.5	6.5	2.6	1.3			
-50		2.1	4.9	9.1	14.3	19.9	24.5	27.1	27.1	24.5	19.9	14.3	9.1	4.9	2.1				
-60	0.7	1.6	3.4	6.1	9.2	12.5	15.2	16.6	16.6	15.2	12.5	9.2	6.1	3.4	1.6	0.7			
-70		1.0	2.1	3.6	5.2	6.7	7.9	8.4	8.4	7.9	6.7	5.2	3.6	2.1	1.0				
-80	0.1	1.7	4.5	7.6	7.2	7.6	4.5	1.7	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

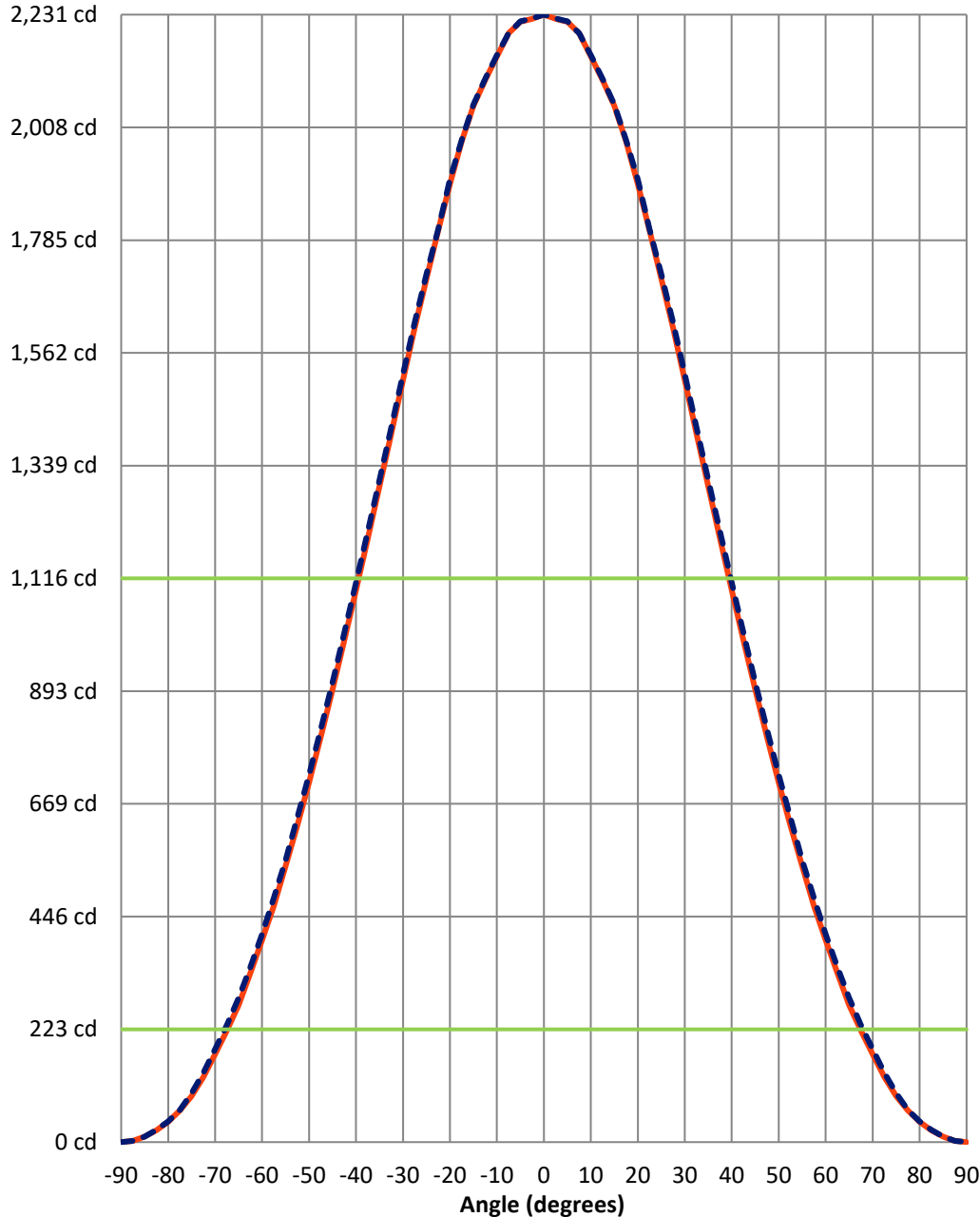
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 79.6°
 V Angle: 78.9°
 Lumens: 2365.4
 Efficiency: 58.7%

Field:
 H Angle: 135.9°
 V Angle: 134.8°
 Lumens: 3844.7
 Efficiency: 95.3%

Spill:
 Lumens: 188.2
 Efficiency: 4.7%

- 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	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.1	1.3	1.4
85°	0.0	0.3	0.6	0.9	1.1	1.4	1.7	2.0	2.3	2.5	2.8
82.5°	0.0	0.4	0.9	1.3	1.7	2.1	2.6	3.0	3.7	5.9	8.0
80°	0.0	0.5	1.1	1.7	2.3	2.8	3.9	6.9	9.8	12.6	15.3
77.5°	0.0	0.6	1.4	2.1	2.8	4.5	8.4	12.3	15.9	19.4	23.7
75°	0.0	0.7	1.7	2.6	3.7	7.8	12.9	17.6	22.1	28.4	34.9
72.5°	0.0	0.9	2.0	3.0	5.9	11.0	17.3	23.4	30.5	38.0	46.0
70°	0.0	1.0	2.2	3.6	8.1	14.1	21.6	30.3	38.6	47.5	57.9
67.5°	0.0	1.1	2.5	4.9	10.2	17.0	26.8	37.0	46.6	57.8	69.7
65°	0.0	1.2	2.7	6.2	12.2	20.4	31.9	43.6	55.2	67.8	80.8
62.5°	0.0	1.3	3.0	7.4	14.0	24.0	36.6	50.5	63.5	77.4	90.7
60°	0.0	1.4	3.2	8.6	15.8	27.5	41.1	57.2	71.5	86.3	100.4
57.5°	0.0	1.5	3.8	9.6	18.2	30.7	45.8	63.6	79.4	95.1	109.7
55°	0.0	1.6	4.5	10.7	20.4	33.7	50.2	69.0	87.2	103.6	118.6
52.5°	0.0	1.7	5.1	11.6	22.5	36.6	54.3	74.7	94.7	111.4	127.2
50°	0.0	1.8	5.7	12.5	24.4	39.6	58.1	80.1	101.9	119.0	137.1
47.5°	0.0	1.9	6.2	13.4	26.2	42.3	61.6	85.1	108.5	126.3	146.8
45°	0.0	2.0	6.8	14.5	27.8	44.8	65.5	89.7	113.5	134.6	156.1
42.5°	0.0	2.0	7.3	15.6	29.2	47.0	69.1	94.0	118.4	142.6	167.1
40°	0.0	2.1	7.8	16.7	30.6	49.0	72.4	98.0	123.5	150.0	177.7
37.5°	0.0	2.2	8.2	17.7	32.0	50.6	75.3	101.8	129.1	157.0	187.7
35°	0.0	2.2	8.6	18.7	33.1	52.5	77.9	105.4	134.6	165.2	197.8
32.5°	0.0	2.3	9.0	19.7	34.1	54.4	80.3	108.8	140.0	173.0	208.5
30°	0.0	2.3	9.3	20.5	34.9	56.1	82.8	112.2	145.1	180.4	218.4
27.5°	0.0	2.4	9.7	21.3	36.1	57.4	85.0	116.1	150.4	187.5	227.7
25°	0.0	2.4	9.9	21.9	37.2	58.5	87.0	119.7	156.0	194.8	236.3
22.5°	0.0	2.5	10.2	22.5	38.2	59.6	88.7	123.0	161.1	201.6	245.4
20°	0.0	2.5	10.4	23.1	39.1	61.1	90.1	126.0	165.7	207.7	253.5
17.5°	0.0	2.5	10.6	23.5	39.8	62.3	91.8	128.7	169.9	213.0	260.7
15°	0.0	2.5	10.7	23.9	40.4	63.2	93.6	131.2	173.5	217.6	266.9
12.5°	0.0	2.5	10.8	24.1	40.8	63.9	95.1	133.5	176.7	221.5	272.1
10°	0.0	2.5	10.9	24.3	41.1	64.3	96.2	135.4	179.5	225.0	276.5
7.5°	0.0	2.5	11.0	24.4	41.3	64.5	97.0	136.7	181.7	227.9	280.3
5°	0.0	2.5	11.0	24.5	41.3	64.4	97.4	137.4	183.2	230.0	283.0
2.5°	0.0	2.5	11.0	24.4	41.2	64.1	97.4	137.6	183.9	231.3	284.7
0°	0.0	2.5	10.9	24.3	41.0	63.6	97.0	137.2	184.0	231.7	285.2
-2.5°	0.0	2.5	11.0	24.4	41.2	64.1	97.4	137.6	183.9	231.3	284.7
-5°	0.0	2.5	11.0	24.5	41.3	64.4	97.4	137.4	183.2	230.0	283.0
-7.5°	0.0	2.5	11.0	24.4	41.3	64.5	97.0	136.7	181.7	227.9	280.3
-10°	0.0	2.5	10.9	24.3	41.1	64.3	96.2	135.4	179.5	225.0	276.5
-12.5°	0.0	2.5	10.8	24.1	40.8	63.9	95.1	133.5	176.7	221.5	272.1
-15°	0.0	2.5	10.7	23.9	40.4	63.2	93.6	131.2	173.5	217.6	266.9
-17.5°	0.0	2.5	10.6	23.5	39.8	62.3	91.8	128.7	169.9	213.0	260.7
-20°	0.0	2.5	10.4	23.1	39.1	61.1	90.1	126.0	165.7	207.7	253.5

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CATALOG NUMBER: GFLD-SA1B-727-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.5	10.2	22.5	38.2	59.6	88.7	123.0	161.1	201.6	245.4
-25°	0.0	2.4	9.9	21.9	37.2	58.5	87.0	119.7	156.0	194.8	236.3
-27.5°	0.0	2.4	9.7	21.3	36.1	57.4	85.0	116.1	150.4	187.5	227.7
-30°	0.0	2.3	9.3	20.5	34.9	56.1	82.8	112.2	145.1	180.4	218.4
-32.5°	0.0	2.3	9.0	19.7	34.1	54.4	80.3	108.8	140.0	173.0	208.5
-35°	0.0	2.2	8.6	18.7	33.1	52.5	77.9	105.4	134.6	165.2	197.8
-37.5°	0.0	2.2	8.2	17.7	32.0	50.6	75.3	101.8	129.1	157.0	187.7
-40°	0.0	2.1	7.8	16.7	30.6	49.0	72.4	98.0	123.5	150.0	177.7
-42.5°	0.0	2.0	7.3	15.6	29.2	47.0	69.1	94.0	118.4	142.6	167.1
-45°	0.0	2.0	6.8	14.5	27.8	44.8	65.5	89.7	113.5	134.6	156.1
-47.5°	0.0	1.9	6.2	13.4	26.2	42.3	61.6	85.1	108.5	126.3	146.8
-50°	0.0	1.8	5.7	12.5	24.4	39.6	58.1	80.1	101.9	119.0	137.1
-52.5°	0.0	1.7	5.1	11.6	22.5	36.6	54.3	74.7	94.7	111.4	127.2
-55°	0.0	1.6	4.5	10.7	20.4	33.7	50.2	69.0	87.2	103.6	118.6
-57.5°	0.0	1.5	3.8	9.6	18.2	30.7	45.8	63.6	79.4	95.1	109.7
-60°	0.0	1.4	3.2	8.6	15.8	27.5	41.1	57.2	71.5	86.3	100.4
-62.5°	0.0	1.3	3.0	7.4	14.0	24.0	36.6	50.5	63.5	77.4	90.7
-65°	0.0	1.2	2.7	6.2	12.2	20.4	31.9	43.6	55.2	67.8	80.8
-67.5°	0.0	1.1	2.5	4.9	10.2	17.0	26.8	37.0	46.6	57.8	69.7
-70°	0.0	1.0	2.2	3.6	8.1	14.1	21.6	30.3	38.6	47.5	57.9
-72.5°	0.0	0.9	2.0	3.0	5.9	11.0	17.3	23.4	30.5	38.0	46.0
-75°	0.0	0.7	1.7	2.6	3.7	7.8	12.9	17.6	22.1	28.4	34.9
-77.5°	0.0	0.6	1.4	2.1	2.8	4.5	8.4	12.3	15.9	19.4	23.7
-80°	0.0	0.5	1.1	1.7	2.3	2.8	3.9	6.9	9.8	12.6	15.3
-82.5°	0.0	0.4	0.9	1.3	1.7	2.1	2.6	3.0	3.7	5.9	8.0
-85°	0.0	0.3	0.6	0.9	1.1	1.4	1.7	2.0	2.3	2.5	2.8
-87.5°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.1	1.3	1.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.6	1.9	2.1	2.4	2.4	2.4	2.4	2.3	2.4	2.5	2.6
85°	3.2	3.7	5.2	6.6	7.3	7.7	7.9	7.8	9.1	10.6	12.2
82.5°	10.2	12.3	14.3	16.2	16.7	16.7	16.5	16.6	19.6	23.0	26.6
80°	18.1	20.8	24.3	27.4	28.8	29.5	29.8	29.8	33.6	38.7	44.0
77.5°	28.7	33.2	37.1	40.4	42.2	43.8	45.1	46.1	51.0	57.4	63.8
75°	40.8	45.8	50.7	54.9	57.9	60.1	62.2	65.5	71.9	79.4	85.9
72.5°	53.6	59.9	65.3	70.0	74.1	78.6	83.6	89.0	95.8	103.2	110.0
70°	67.3	74.2	79.9	85.4	91.1	97.8	105.2	112.6	120.1	128.4	136.3
67.5°	80.7	87.3	94.0	101.0	109.5	118.4	127.2	137.3	147.7	156.8	165.0
65°	92.2	100.0	108.4	117.9	128.4	139.8	151.5	163.6	176.7	187.7	197.7
62.5°	103.3	112.7	122.9	134.7	148.2	161.6	176.5	191.7	206.4	219.4	231.3
60°	113.5	124.9	137.8	152.3	168.0	185.8	202.8	220.1	236.2	250.9	266.1
57.5°	123.4	137.7	153.2	170.7	190.5	210.5	230.5	249.1	267.4	285.3	302.4
55°	133.9	151.2	169.6	191.0	213.3	237.0	258.5	279.3	299.5	321.2	341.8
52.5°	145.5	164.7	187.8	211.8	237.6	262.9	286.6	310.2	334.7	359.2	386.0
50°	156.6	180.6	205.9	233.8	261.6	288.8	316.0	343.2	372.5	402.6	432.9
47.5°	169.7	195.9	225.7	255.6	286.0	316.3	346.6	379.5	412.7	447.6	481.2
45°	182.9	212.3	244.5	278.3	311.2	344.7	380.2	416.5	455.4	493.8	534.3
42.5°	195.4	228.7	264.1	300.6	337.2	374.6	413.6	456.0	498.6	542.9	587.4
40°	209.2	244.2	283.2	323.5	363.3	404.7	449.3	495.2	543.4	592.0	640.3
37.5°	222.5	261.0	302.0	345.4	389.9	435.5	483.9	536.0	588.3	640.6	693.9
35°	235.0	276.9	321.3	367.4	414.6	466.4	520.6	576.2	632.8	689.5	746.8
32.5°	247.8	291.8	339.8	389.1	441.2	496.7	556.0	616.3	676.6	737.1	799.8
30°	260.7	307.6	357.7	409.6	466.6	527.1	590.8	654.7	718.5	785.0	851.9
27.5°	272.8	322.5	375.3	430.8	490.9	555.3	622.9	691.3	760.1	830.9	902.2
25°	284.0	336.7	391.7	451.2	514.9	582.3	652.8	724.2	799.6	875.4	949.8
22.5°	294.9	349.6	406.8	470.0	536.7	607.5	680.9	756.3	835.0	916.5	993.4
20°	305.4	362.0	421.5	487.0	556.2	630.1	706.4	785.3	868.0	951.5	1034.3
17.5°	314.7	373.0	435.1	503.0	574.8	650.8	729.3	810.9	897.3	983.8	1071.6
15°	322.8	382.6	447.0	516.9	591.2	669.6	750.7	834.5	923.1	1013.2	1104.5
12.5°	329.7	390.7	457.0	528.7	605.2	685.8	769.0	855.8	946.8	1039.4	1133.4
10°	335.2	397.3	465.1	538.4	616.6	699.1	784.1	873.3	967.0	1061.7	1157.6
7.5°	340.0	402.8	471.5	545.8	625.4	709.5	795.8	887.0	983.1	1079.1	1177.1
5°	343.4	407.3	477.4	552.1	633.0	717.7	804.7	896.8	994.9	1091.5	1191.2
2.5°	345.5	410.2	481.4	556.1	639.0	723.8	812.6	905.4	1003.6	1101.3	1201.9
0°	346.2	411.5	483.4	557.8	642.3	726.8	817.1	909.9	1007.8	1107.3	1208.5
-2.5°	345.5	410.2	481.4	556.1	639.0	723.8	812.6	905.4	1003.6	1101.3	1201.9
-5°	343.4	407.3	477.4	552.1	633.0	717.7	804.7	896.8	994.9	1091.5	1191.2
-7.5°	340.0	402.8	471.5	545.8	625.4	709.5	795.8	887.0	983.1	1079.1	1177.1
-10°	335.2	397.3	465.1	538.4	616.6	699.1	784.1	873.3	967.0	1061.7	1157.6
-12.5°	329.7	390.7	457.0	528.7	605.2	685.8	769.0	855.8	946.8	1039.4	1133.4
-15°	322.8	382.6	447.0	516.9	591.2	669.6	750.7	834.5	923.1	1013.2	1104.5
-17.5°	314.7	373.0	435.1	503.0	574.8	650.8	729.3	810.9	897.3	983.8	1071.6
-20°	305.4	362.0	421.5	487.0	556.2	630.1	706.4	785.3	868.0	951.5	1034.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626601 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-727-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	294.9	349.6	406.8	470.0	536.7	607.5	680.9	756.3	835.0	916.5	993.4
-25°	284.0	336.7	391.7	451.2	514.9	582.3	652.8	724.2	799.6	875.4	949.8
-27.5°	272.8	322.5	375.3	430.8	490.9	555.3	622.9	691.3	760.1	830.9	902.2
-30°	260.7	307.6	357.7	409.6	466.6	527.1	590.8	654.7	718.5	785.0	851.9
-32.5°	247.8	291.8	339.8	389.1	441.2	496.7	556.0	616.3	676.6	737.1	799.8
-35°	235.0	276.9	321.3	367.4	414.6	466.4	520.6	576.2	632.8	689.5	746.8
-37.5°	222.5	261.0	302.0	345.4	389.9	435.5	483.9	536.0	588.3	640.6	693.9
-40°	209.2	244.2	283.2	323.5	363.3	404.7	449.3	495.2	543.4	592.0	640.3
-42.5°	195.4	228.7	264.1	300.6	337.2	374.6	413.6	456.0	498.6	542.9	587.4
-45°	182.9	212.3	244.5	278.3	311.2	344.7	380.2	416.5	455.4	493.8	534.3
-47.5°	169.7	195.9	225.7	255.6	286.0	316.3	346.6	379.5	412.7	447.6	481.2
-50°	156.6	180.6	205.9	233.8	261.6	288.8	316.0	343.2	372.5	402.6	432.9
-52.5°	145.5	164.7	187.8	211.8	237.6	262.9	286.6	310.2	334.7	359.2	386.0
-55°	133.9	151.2	169.6	191.0	213.3	237.0	258.5	279.3	299.5	321.2	341.8
-57.5°	123.4	137.7	153.2	170.7	190.5	210.5	230.5	249.1	267.4	285.3	302.4
-60°	113.5	124.9	137.8	152.3	168.0	185.8	202.8	220.1	236.2	250.9	266.1
-62.5°	103.3	112.7	122.9	134.7	148.2	161.6	176.5	191.7	206.4	219.4	231.3
-65°	92.2	100.0	108.4	117.9	128.4	139.8	151.5	163.6	176.7	187.7	197.7
-67.5°	80.7	87.3	94.0	101.0	109.5	118.4	127.2	137.3	147.7	156.8	165.0
-70°	67.3	74.2	79.9	85.4	91.1	97.8	105.2	112.6	120.1	128.4	136.3
-72.5°	53.6	59.9	65.3	70.0	74.1	78.6	83.6	89.0	95.8	103.2	110.0
-75°	40.8	45.8	50.7	54.9	57.9	60.1	62.2	65.5	71.9	79.4	85.9
-77.5°	28.7	33.2	37.1	40.4	42.2	43.8	45.1	46.1	51.0	57.4	63.8
-80°	18.1	20.8	24.3	27.4	28.8	29.5	29.8	29.8	33.6	38.7	44.0
-82.5°	10.2	12.3	14.3	16.2	16.7	16.7	16.5	16.6	19.6	23.0	26.6
-85°	3.2	3.7	5.2	6.6	7.3	7.7	7.9	7.8	9.1	10.6	12.2
-87.5°	1.6	1.9	2.1	2.4	2.4	2.4	2.4	2.3	2.4	2.5	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



REPORT NUMBER: P626601 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-727-U-VWR-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°	2.7	2.8	2.9	2.9	3.0	3.0	3.1	3.1	3.2	3.0	2.9
85°	14.0	15.0	15.9	16.8	17.6	18.4	19.1	19.8	20.4	18.7	16.7
82.5°	30.2	32.6	34.9	37.2	39.4	40.0	40.2	40.1	39.8	36.7	33.2
80°	49.3	53.4	57.2	61.0	64.8	65.2	64.8	64.1	63.0	58.9	54.2
77.5°	70.1	75.2	79.8	83.9	87.7	88.4	88.3	88.1	87.8	83.6	78.5
75°	91.4	96.5	101.3	105.5	108.9	110.5	111.3	111.8	112.2	109.2	105.2
72.5°	116.2	121.5	125.7	129.7	133.1	135.6	137.4	138.7	139.6	138.7	137.1
70°	143.0	148.7	153.4	157.9	162.5	166.2	169.0	171.1	172.4	173.2	173.8
67.5°	173.3	180.8	187.4	193.0	198.6	203.9	208.2	211.7	214.4	216.7	218.5
65°	207.3	217.0	225.6	233.5	240.7	248.3	254.5	259.7	263.9	267.3	270.1
62.5°	243.1	255.0	266.0	276.7	287.2	297.5	305.4	312.6	319.0	324.5	328.9
60°	280.4	293.8	308.6	322.7	335.7	347.6	359.3	369.5	378.2	385.5	391.3
57.5°	320.4	337.8	355.1	372.6	389.1	404.6	419.1	431.9	442.7	451.6	459.0
55°	363.6	385.4	405.4	427.5	448.9	468.3	485.4	500.5	513.5	524.4	533.6
52.5°	411.1	437.6	463.6	488.8	513.0	535.5	556.0	573.5	589.1	602.5	613.1
50°	463.1	493.4	523.6	551.6	579.4	605.4	628.8	649.2	667.3	683.0	695.3
47.5°	517.5	552.0	585.7	617.7	648.5	677.4	702.8	726.0	748.5	766.9	781.5
45°	574.0	612.7	649.8	686.4	720.3	752.7	784.1	812.9	836.1	856.4	873.4
42.5°	631.1	674.3	715.9	755.8	793.1	830.5	865.8	897.3	923.8	946.8	966.2
40°	689.0	736.3	782.1	825.6	868.3	909.1	947.2	980.5	1010.3	1037.7	1060.6
37.5°	746.6	798.7	849.4	898.2	945.1	989.3	1030.5	1068.1	1101.8	1133.0	1158.4
35°	804.5	861.6	917.1	970.8	1022.1	1070.8	1116.0	1158.7	1198.4	1230.0	1256.0
32.5°	862.1	923.5	983.9	1043.0	1099.2	1151.8	1200.7	1247.9	1288.7	1323.5	1353.3
30°	917.9	984.3	1050.2	1114.3	1174.9	1231.9	1286.0	1336.0	1379.9	1417.9	1451.3
27.5°	972.6	1044.0	1114.7	1183.1	1248.7	1310.6	1369.7	1423.9	1471.8	1513.0	1548.3
25°	1024.3	1101.1	1176.4	1249.0	1319.0	1387.3	1451.1	1510.3	1561.4	1606.7	1643.0
22.5°	1073.8	1155.6	1234.8	1311.1	1386.0	1459.6	1529.5	1591.2	1645.4	1692.8	1732.9
20°	1119.8	1207.6	1288.5	1369.2	1448.1	1526.7	1601.7	1666.8	1724.2	1774.7	1818.9
17.5°	1162.9	1252.9	1338.1	1424.0	1507.2	1589.7	1665.8	1735.6	1797.5	1851.1	1897.4
15°	1199.3	1290.2	1383.2	1475.0	1562.7	1646.2	1722.3	1795.2	1863.9	1921.9	1968.9
12.5°	1228.8	1323.3	1420.4	1517.8	1610.6	1694.0	1773.7	1847.6	1919.7	1984.9	2028.1
10°	1254.0	1351.2	1451.5	1550.8	1644.9	1733.1	1819.7	1897.9	1968.8	2027.1	2075.4
7.5°	1275.7	1375.9	1477.7	1577.2	1670.9	1762.1	1851.3	1934.4	2005.9	2060.9	2103.8
5°	1291.7	1394.3	1498.1	1598.5	1693.6	1785.0	1874.6	1956.6	2026.5	2082.4	2129.3
2.5°	1303.2	1406.7	1511.3	1611.8	1709.0	1800.7	1892.5	1975.4	2043.1	2094.3	2139.2
0°	1310.5	1414.2	1519.6	1622.5	1717.8	1806.5	1905.2	1983.0	2053.2	2104.2	2151.1
-2.5°	1303.2	1406.7	1511.3	1611.8	1709.0	1800.7	1892.5	1975.4	2043.1	2094.3	2139.2
-5°	1291.7	1394.3	1498.1	1598.5	1693.6	1785.0	1874.6	1956.6	2026.5	2082.4	2129.3
-7.5°	1275.7	1375.9	1477.7	1577.2	1670.9	1762.1	1851.3	1934.4	2005.9	2060.9	2103.8
-10°	1254.0	1351.2	1451.5	1550.8	1644.9	1733.1	1819.7	1897.9	1968.8	2027.1	2075.4
-12.5°	1228.8	1323.3	1420.4	1517.8	1610.6	1694.0	1773.7	1847.6	1919.7	1984.9	2028.1
-15°	1199.3	1290.2	1383.2	1475.0	1562.7	1646.2	1722.3	1795.2	1863.9	1921.9	1968.9
-17.5°	1162.9	1252.9	1338.1	1424.0	1507.2	1589.7	1665.8	1735.6	1797.5	1851.1	1897.4
-20°	1119.8	1207.6	1288.5	1369.2	1448.1	1526.7	1601.7	1666.8	1724.2	1774.7	1818.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626601 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-727-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1073.8	1155.6	1234.8	1311.1	1386.0	1459.6	1529.5	1591.2	1645.4	1692.8	1732.9
-25°	1024.3	1101.1	1176.4	1249.0	1319.0	1387.3	1451.1	1510.3	1561.4	1606.7	1643.0
-27.5°	972.6	1044.0	1114.7	1183.1	1248.7	1310.6	1369.7	1423.9	1471.8	1513.0	1548.3
-30°	917.9	984.3	1050.2	1114.3	1174.9	1231.9	1286.0	1336.0	1379.9	1417.9	1451.3
-32.5°	862.1	923.5	983.9	1043.0	1099.2	1151.8	1200.7	1247.9	1288.7	1323.5	1353.3
-35°	804.5	861.6	917.1	970.8	1022.1	1070.8	1116.0	1158.7	1198.4	1230.0	1256.0
-37.5°	746.6	798.7	849.4	898.2	945.1	989.3	1030.5	1068.1	1101.8	1133.0	1158.4
-40°	689.0	736.3	782.1	825.6	868.3	909.1	947.2	980.5	1010.3	1037.7	1060.6
-42.5°	631.1	674.3	715.9	755.8	793.1	830.5	865.8	897.3	923.8	946.8	966.2
-45°	574.0	612.7	649.8	686.4	720.3	752.7	784.1	812.9	836.1	856.4	873.4
-47.5°	517.5	552.0	585.7	617.7	648.5	677.4	702.8	726.0	748.5	766.9	781.5
-50°	463.1	493.4	523.6	551.6	579.4	605.4	628.8	649.2	667.3	683.0	695.3
-52.5°	411.1	437.6	463.6	488.8	513.0	535.5	556.0	573.5	589.1	602.5	613.1
-55°	363.6	385.4	405.4	427.5	448.9	468.3	485.4	500.5	513.5	524.4	533.6
-57.5°	320.4	337.8	355.1	372.6	389.1	404.6	419.1	431.9	442.7	451.6	459.0
-60°	280.4	293.8	308.6	322.7	335.7	347.6	359.3	369.5	378.2	385.5	391.3
-62.5°	243.1	255.0	266.0	276.7	287.2	297.5	305.4	312.6	319.0	324.5	328.9
-65°	207.3	217.0	225.6	233.5	240.7	248.3	254.5	259.7	263.9	267.3	270.1
-67.5°	173.3	180.8	187.4	193.0	198.6	203.9	208.2	211.7	214.4	216.7	218.5
-70°	143.0	148.7	153.4	157.9	162.5	166.2	169.0	171.1	172.4	173.2	173.8
-72.5°	116.2	121.5	125.7	129.7	133.1	135.6	137.4	138.7	139.6	138.7	137.1
-75°	91.4	96.5	101.3	105.5	108.9	110.5	111.3	111.8	112.2	109.2	105.2
-77.5°	70.1	75.2	79.8	83.9	87.7	88.4	88.3	88.1	87.8	83.6	78.5
-80°	49.3	53.4	57.2	61.0	64.8	65.2	64.8	64.1	63.0	58.9	54.2
-82.5°	30.2	32.6	34.9	37.2	39.4	40.0	40.2	40.1	39.8	36.7	33.2
-85°	14.0	15.0	15.9	16.8	17.6	18.4	19.1	19.8	20.4	18.7	16.7
-87.5°	2.7	2.8	2.9	2.9	3.0	3.0	3.1	3.1	3.2	3.0	2.9
-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: P626601 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-727-U-VWR-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°	2.7	2.5	2.5	2.5	2.5	2.5	2.7	2.9	3.0	3.2	3.1
85°	14.6	12.4	11.7	10.9	11.7	12.4	14.6	16.7	18.7	20.4	19.8
82.5°	29.6	25.8	24.6	23.4	24.6	25.8	29.6	33.2	36.7	39.8	40.1
80°	49.3	44.2	42.2	40.1	42.2	44.2	49.3	54.2	58.9	63.0	64.1
77.5°	73.2	67.5	65.1	62.7	65.1	67.5	73.2	78.5	83.6	87.8	88.1
75°	101.1	96.7	94.0	91.2	94.0	96.7	101.1	105.2	109.2	112.2	111.8
72.5°	135.3	133.1	131.2	128.8	131.2	133.1	135.3	137.1	138.7	139.6	138.7
70°	174.0	173.7	174.1	174.0	174.1	173.7	174.0	173.8	173.2	172.4	171.1
67.5°	219.4	219.4	220.4	220.8	220.4	219.4	219.4	218.5	216.7	214.4	211.7
65°	271.9	272.5	272.3	271.0	272.3	272.5	271.9	270.1	267.3	263.9	259.7
62.5°	332.0	333.8	334.7	334.5	334.7	333.8	332.0	328.9	324.5	319.0	312.6
60°	395.6	398.4	399.9	399.8	399.9	398.4	395.6	391.3	385.5	378.2	369.5
57.5°	464.6	468.2	469.0	467.5	469.0	468.2	464.6	459.0	451.6	442.7	431.9
55°	540.6	545.2	547.0	546.1	547.0	545.2	540.6	533.6	524.4	513.5	500.5
52.5°	620.9	625.9	627.7	626.4	627.7	625.9	620.9	613.1	602.5	589.1	573.5
50°	704.4	710.4	712.9	711.7	712.9	710.4	704.4	695.3	683.0	667.3	649.2
47.5°	792.9	801.0	804.2	802.0	804.2	801.0	792.9	781.5	766.9	748.5	726.0
45°	886.2	894.6	897.8	895.7	897.8	894.6	886.2	873.4	856.4	836.1	812.9
42.5°	981.0	992.0	996.6	992.7	996.6	992.0	981.0	966.2	946.8	923.8	897.3
40°	1077.6	1089.4	1094.9	1092.3	1094.9	1089.4	1077.6	1060.6	1037.7	1010.3	980.5
37.5°	1176.6	1188.4	1194.2	1194.3	1194.2	1188.4	1176.6	1158.4	1133.0	1101.8	1068.1
35°	1276.1	1290.3	1298.4	1298.0	1298.4	1290.3	1276.1	1256.0	1230.0	1198.4	1158.7
32.5°	1376.8	1392.3	1400.5	1401.7	1400.5	1392.3	1376.8	1353.3	1323.5	1288.7	1247.9
30°	1477.5	1494.5	1504.0	1507.9	1504.0	1494.5	1477.5	1451.3	1417.9	1379.9	1336.0
27.5°	1575.1	1596.0	1610.4	1611.6	1610.4	1596.0	1575.1	1548.3	1513.0	1471.8	1423.9
25°	1669.6	1690.8	1705.6	1708.6	1705.6	1690.8	1669.6	1643.0	1606.7	1561.4	1510.3
22.5°	1762.8	1785.0	1798.6	1804.0	1798.6	1785.0	1762.8	1732.9	1692.8	1645.4	1591.2
20°	1851.7	1875.7	1890.2	1896.0	1890.2	1875.7	1851.7	1818.9	1774.7	1724.2	1666.8
17.5°	1932.1	1957.5	1975.4	1980.4	1975.4	1957.5	1932.1	1897.4	1851.1	1797.5	1735.6
15°	2002.9	2027.1	2044.0	2050.7	2044.0	2027.1	2002.9	1968.9	1921.9	1863.9	1795.2
12.5°	2060.5	2082.1	2095.4	2101.7	2095.4	2082.1	2060.5	2028.1	1984.9	1919.7	1847.6
10°	2105.5	2127.2	2139.9	2148.5	2139.9	2127.2	2105.5	2075.4	2027.1	1968.8	1897.9
7.5°	2144.6	2166.8	2182.4	2194.5	2182.4	2166.8	2144.6	2103.8	2060.9	2005.9	1934.4
5°	2166.2	2203.3	2208.8	2217.1	2208.8	2203.3	2166.2	2129.3	2082.4	2026.5	1956.6
2.5°	2182.7	2208.9	2224.7	2223.0	2224.7	2208.9	2182.7	2139.2	2094.3	2043.1	1975.4
0°	2194.5	2218.0	2223.8	2231.3	2223.8	2218.0	2194.5	2151.1	2104.2	2053.2	1983.0
-2.5°	2182.7	2208.9	2224.7	2223.0	2224.7	2208.9	2182.7	2139.2	2094.3	2043.1	1975.4
-5°	2166.2	2203.3	2208.8	2217.1	2208.8	2203.3	2166.2	2129.3	2082.4	2026.5	1956.6
-7.5°	2144.6	2166.8	2182.4	2194.5	2182.4	2166.8	2144.6	2103.8	2060.9	2005.9	1934.4
-10°	2105.5	2127.2	2139.9	2148.5	2139.9	2127.2	2105.5	2075.4	2027.1	1968.8	1897.9
-12.5°	2060.5	2082.1	2095.4	2101.7	2095.4	2082.1	2060.5	2028.1	1984.9	1919.7	1847.6
-15°	2002.9	2027.1	2044.0	2050.7	2044.0	2027.1	2002.9	1968.9	1921.9	1863.9	1795.2
-17.5°	1932.1	1957.5	1975.4	1980.4	1975.4	1957.5	1932.1	1897.4	1851.1	1797.5	1735.6
-20°	1851.7	1875.7	1890.2	1896.0	1890.2	1875.7	1851.7	1818.9	1774.7	1724.2	1666.8



REPORT NUMBER: P626601 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-727-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1762.8	1785.0	1798.6	1804.0	1798.6	1785.0	1762.8	1732.9	1692.8	1645.4	1591.2
-25°	1669.6	1690.8	1705.6	1708.6	1705.6	1690.8	1669.6	1643.0	1606.7	1561.4	1510.3
-27.5°	1575.1	1596.0	1610.4	1611.6	1610.4	1596.0	1575.1	1548.3	1513.0	1471.8	1423.9
-30°	1477.5	1494.5	1504.0	1507.9	1504.0	1494.5	1477.5	1451.3	1417.9	1379.9	1336.0
-32.5°	1376.8	1392.3	1400.5	1401.7	1400.5	1392.3	1376.8	1353.3	1323.5	1288.7	1247.9
-35°	1276.1	1290.3	1298.4	1298.0	1298.4	1290.3	1276.1	1256.0	1230.0	1198.4	1158.7
-37.5°	1176.6	1188.4	1194.2	1194.3	1194.2	1188.4	1176.6	1158.4	1133.0	1101.8	1068.1
-40°	1077.6	1089.4	1094.9	1092.3	1094.9	1089.4	1077.6	1060.6	1037.7	1010.3	980.5
-42.5°	981.0	992.0	996.6	992.7	996.6	992.0	981.0	966.2	946.8	923.8	897.3
-45°	886.2	894.6	897.8	895.7	897.8	894.6	886.2	873.4	856.4	836.1	812.9
-47.5°	792.9	801.0	804.2	802.0	804.2	801.0	792.9	781.5	766.9	748.5	726.0
-50°	704.4	710.4	712.9	711.7	712.9	710.4	704.4	695.3	683.0	667.3	649.2
-52.5°	620.9	625.9	627.7	626.4	627.7	625.9	620.9	613.1	602.5	589.1	573.5
-55°	540.6	545.2	547.0	546.1	547.0	545.2	540.6	533.6	524.4	513.5	500.5
-57.5°	464.6	468.2	469.0	467.5	469.0	468.2	464.6	459.0	451.6	442.7	431.9
-60°	395.6	398.4	399.9	399.8	399.9	398.4	395.6	391.3	385.5	378.2	369.5
-62.5°	332.0	333.8	334.7	334.5	334.7	333.8	332.0	328.9	324.5	319.0	312.6
-65°	271.9	272.5	272.3	271.0	272.3	272.5	271.9	270.1	267.3	263.9	259.7
-67.5°	219.4	219.4	220.4	220.8	220.4	219.4	219.4	218.5	216.7	214.4	211.7
-70°	174.0	173.7	174.1	174.0	174.1	173.7	174.0	173.8	173.2	172.4	171.1
-72.5°	135.3	133.1	131.2	128.8	131.2	133.1	135.3	137.1	138.7	139.6	138.7
-75°	101.1	96.7	94.0	91.2	94.0	96.7	101.1	105.2	109.2	112.2	111.8
-77.5°	73.2	67.5	65.1	62.7	65.1	67.5	73.2	78.5	83.6	87.8	88.1
-80°	49.3	44.2	42.2	40.1	42.2	44.2	49.3	54.2	58.9	63.0	64.1
-82.5°	29.6	25.8	24.6	23.4	24.6	25.8	29.6	33.2	36.7	39.8	40.1
-85°	14.6	12.4	11.7	10.9	11.7	12.4	14.6	16.7	18.7	20.4	19.8
-87.5°	2.7	2.5	2.5	2.5	2.5	2.5	2.7	2.9	3.0	3.2	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: P626601 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-727-U-VWR-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°	3.1	3.0	3.0	2.9	2.9	2.8	2.7	2.6	2.5	2.4	2.3
85°	19.1	18.4	17.6	16.8	15.9	15.0	14.0	12.2	10.6	9.1	7.8
82.5°	40.2	40.0	39.4	37.2	34.9	32.6	30.2	26.6	23.0	19.6	16.6
80°	64.8	65.2	64.8	61.0	57.2	53.4	49.3	44.0	38.7	33.6	29.8
77.5°	88.3	88.4	87.7	83.9	79.8	75.2	70.1	63.8	57.4	51.0	46.1
75°	111.3	110.5	108.9	105.5	101.3	96.5	91.4	85.9	79.4	71.9	65.5
72.5°	137.4	135.6	133.1	129.7	125.7	121.5	116.2	110.0	103.2	95.8	89.0
70°	169.0	166.2	162.5	157.9	153.4	148.7	143.0	136.3	128.4	120.1	112.6
67.5°	208.2	203.9	198.6	193.0	187.4	180.8	173.3	165.0	156.8	147.7	137.3
65°	254.5	248.3	240.7	233.5	225.6	217.0	207.3	197.7	187.7	176.7	163.6
62.5°	305.4	297.5	287.2	276.7	266.0	255.0	243.1	231.3	219.4	206.4	191.7
60°	359.3	347.6	335.7	322.7	308.6	293.8	280.4	266.1	250.9	236.2	220.1
57.5°	419.1	404.6	389.1	372.6	355.1	337.8	320.4	302.4	285.3	267.4	249.1
55°	485.4	468.3	448.9	427.5	405.4	385.4	363.6	341.8	321.2	299.5	279.3
52.5°	556.0	535.5	513.0	488.8	463.6	437.6	411.1	386.0	359.2	334.7	310.2
50°	628.8	605.4	579.4	551.6	523.6	493.4	463.1	432.9	402.6	372.5	343.2
47.5°	702.8	677.4	648.5	617.7	585.7	552.0	517.5	481.2	447.6	412.7	379.5
45°	784.1	752.7	720.3	686.4	649.8	612.7	574.0	534.3	493.8	455.4	416.5
42.5°	865.8	830.5	793.1	755.8	715.9	674.3	631.1	587.4	542.9	498.6	456.0
40°	947.2	909.1	868.3	825.6	782.1	736.3	689.0	640.3	592.0	543.4	495.2
37.5°	1030.5	989.3	945.1	898.2	849.4	798.7	746.6	693.9	640.6	588.3	536.0
35°	1116.0	1070.8	1022.1	970.8	917.1	861.6	804.5	746.8	689.5	632.8	576.2
32.5°	1200.7	1151.8	1099.2	1043.0	983.9	923.5	862.1	799.8	737.1	676.6	616.3
30°	1286.0	1231.9	1174.9	1114.3	1050.2	984.3	917.9	851.9	785.0	718.5	654.7
27.5°	1369.7	1310.6	1248.7	1183.1	1114.7	1044.0	972.6	902.2	830.9	760.1	691.3
25°	1451.1	1387.3	1319.0	1249.0	1176.4	1101.1	1024.3	949.8	875.4	799.6	724.2
22.5°	1529.5	1459.6	1386.0	1311.1	1234.8	1155.6	1073.8	993.4	916.5	835.0	756.3
20°	1601.7	1526.7	1448.1	1369.2	1288.5	1207.6	1119.8	1034.3	951.5	868.0	785.3
17.5°	1665.8	1589.7	1507.2	1424.0	1338.1	1252.9	1162.9	1071.6	983.8	897.3	810.9
15°	1722.3	1646.2	1562.7	1475.0	1383.2	1290.2	1199.3	1104.5	1013.2	923.1	834.5
12.5°	1773.7	1694.0	1610.6	1517.8	1420.4	1323.3	1228.8	1133.4	1039.4	946.8	855.8
10°	1819.7	1733.1	1644.9	1550.8	1451.5	1351.2	1254.0	1157.6	1061.7	967.0	873.3
7.5°	1851.3	1762.1	1670.9	1577.2	1477.7	1375.9	1275.7	1177.1	1079.1	983.1	887.0
5°	1874.6	1785.0	1693.6	1598.5	1498.1	1394.3	1291.7	1191.2	1091.5	994.9	896.8
2.5°	1892.5	1800.7	1709.0	1611.8	1511.3	1406.7	1303.2	1201.9	1101.3	1003.6	905.4
0°	1905.2	1806.5	1717.8	1622.5	1519.6	1414.2	1310.5	1208.5	1107.3	1007.8	909.9
-2.5°	1892.5	1800.7	1709.0	1611.8	1511.3	1406.7	1303.2	1201.9	1101.3	1003.6	905.4
-5°	1874.6	1785.0	1693.6	1598.5	1498.1	1394.3	1291.7	1191.2	1091.5	994.9	896.8
-7.5°	1851.3	1762.1	1670.9	1577.2	1477.7	1375.9	1275.7	1177.1	1079.1	983.1	887.0
-10°	1819.7	1733.1	1644.9	1550.8	1451.5	1351.2	1254.0	1157.6	1061.7	967.0	873.3
-12.5°	1773.7	1694.0	1610.6	1517.8	1420.4	1323.3	1228.8	1133.4	1039.4	946.8	855.8
-15°	1722.3	1646.2	1562.7	1475.0	1383.2	1290.2	1199.3	1104.5	1013.2	923.1	834.5
-17.5°	1665.8	1589.7	1507.2	1424.0	1338.1	1252.9	1162.9	1071.6	983.8	897.3	810.9
-20°	1601.7	1526.7	1448.1	1369.2	1288.5	1207.6	1119.8	1034.3	951.5	868.0	785.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626601 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-727-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1529.5	1459.6	1386.0	1311.1	1234.8	1155.6	1073.8	993.4	916.5	835.0	756.3
-25°	1451.1	1387.3	1319.0	1249.0	1176.4	1101.1	1024.3	949.8	875.4	799.6	724.2
-27.5°	1369.7	1310.6	1248.7	1183.1	1114.7	1044.0	972.6	902.2	830.9	760.1	691.3
-30°	1286.0	1231.9	1174.9	1114.3	1050.2	984.3	917.9	851.9	785.0	718.5	654.7
-32.5°	1200.7	1151.8	1099.2	1043.0	983.9	923.5	862.1	799.8	737.1	676.6	616.3
-35°	1116.0	1070.8	1022.1	970.8	917.1	861.6	804.5	746.8	689.5	632.8	576.2
-37.5°	1030.5	989.3	945.1	898.2	849.4	798.7	746.6	693.9	640.6	588.3	536.0
-40°	947.2	909.1	868.3	825.6	782.1	736.3	689.0	640.3	592.0	543.4	495.2
-42.5°	865.8	830.5	793.1	755.8	715.9	674.3	631.1	587.4	542.9	498.6	456.0
-45°	784.1	752.7	720.3	686.4	649.8	612.7	574.0	534.3	493.8	455.4	416.5
-47.5°	702.8	677.4	648.5	617.7	585.7	552.0	517.5	481.2	447.6	412.7	379.5
-50°	628.8	605.4	579.4	551.6	523.6	493.4	463.1	432.9	402.6	372.5	343.2
-52.5°	556.0	535.5	513.0	488.8	463.6	437.6	411.1	386.0	359.2	334.7	310.2
-55°	485.4	468.3	448.9	427.5	405.4	385.4	363.6	341.8	321.2	299.5	279.3
-57.5°	419.1	404.6	389.1	372.6	355.1	337.8	320.4	302.4	285.3	267.4	249.1
-60°	359.3	347.6	335.7	322.7	308.6	293.8	280.4	266.1	250.9	236.2	220.1
-62.5°	305.4	297.5	287.2	276.7	266.0	255.0	243.1	231.3	219.4	206.4	191.7
-65°	254.5	248.3	240.7	233.5	225.6	217.0	207.3	197.7	187.7	176.7	163.6
-67.5°	208.2	203.9	198.6	193.0	187.4	180.8	173.3	165.0	156.8	147.7	137.3
-70°	169.0	166.2	162.5	157.9	153.4	148.7	143.0	136.3	128.4	120.1	112.6
-72.5°	137.4	135.6	133.1	129.7	125.7	121.5	116.2	110.0	103.2	95.8	89.0
-75°	111.3	110.5	108.9	105.5	101.3	96.5	91.4	85.9	79.4	71.9	65.5
-77.5°	88.3	88.4	87.7	83.9	79.8	75.2	70.1	63.8	57.4	51.0	46.1
-80°	64.8	65.2	64.8	61.0	57.2	53.4	49.3	44.0	38.7	33.6	29.8
-82.5°	40.2	40.0	39.4	37.2	34.9	32.6	30.2	26.6	23.0	19.6	16.6
-85°	19.1	18.4	17.6	16.8	15.9	15.0	14.0	12.2	10.6	9.1	7.8
-87.5°	3.1	3.0	3.0	2.9	2.9	2.8	2.7	2.6	2.5	2.4	2.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626601 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-727-U-VWR-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°	2.4	2.4	2.4	2.4	2.1	1.9	1.6	1.4	1.3	1.1	1.0
85°	7.9	7.7	7.3	6.6	5.2	3.7	3.2	2.8	2.5	2.3	2.0
82.5°	16.5	16.7	16.7	16.2	14.3	12.3	10.2	8.0	5.9	3.7	3.0
80°	29.8	29.5	28.8	27.4	24.3	20.8	18.1	15.3	12.6	9.8	6.9
77.5°	45.1	43.8	42.2	40.4	37.1	33.2	28.7	23.7	19.4	15.9	12.3
75°	62.2	60.1	57.9	54.9	50.7	45.8	40.8	34.9	28.4	22.1	17.6
72.5°	83.6	78.6	74.1	70.0	65.3	59.9	53.6	46.0	38.0	30.5	23.4
70°	105.2	97.8	91.1	85.4	79.9	74.2	67.3	57.9	47.5	38.6	30.3
67.5°	127.2	118.4	109.5	101.0	94.0	87.3	80.7	69.7	57.8	46.6	37.0
65°	151.5	139.8	128.4	117.9	108.4	100.0	92.2	80.8	67.8	55.2	43.6
62.5°	176.5	161.6	148.2	134.7	122.9	112.7	103.3	90.7	77.4	63.5	50.5
60°	202.8	185.8	168.0	152.3	137.8	124.9	113.5	100.4	86.3	71.5	57.2
57.5°	230.5	210.5	190.5	170.7	153.2	137.7	123.4	109.7	95.1	79.4	63.6
55°	258.5	237.0	213.3	191.0	169.6	151.2	133.9	118.6	103.6	87.2	69.0
52.5°	286.6	262.9	237.6	211.8	187.8	164.7	145.5	127.2	111.4	94.7	74.7
50°	316.0	288.8	261.6	233.8	205.9	180.6	156.6	137.1	119.0	101.9	80.1
47.5°	346.6	316.3	286.0	255.6	225.7	195.9	169.7	146.8	126.3	108.5	85.1
45°	380.2	344.7	311.2	278.3	244.5	212.3	182.9	156.1	134.6	113.5	89.7
42.5°	413.6	374.6	337.2	300.6	264.1	228.7	195.4	167.1	142.6	118.4	94.0
40°	449.3	404.7	363.3	323.5	283.2	244.2	209.2	177.7	150.0	123.5	98.0
37.5°	483.9	435.5	389.9	345.4	302.0	261.0	222.5	187.7	157.0	129.1	101.8
35°	520.6	466.4	414.6	367.4	321.3	276.9	235.0	197.8	165.2	134.6	105.4
32.5°	556.0	496.7	441.2	389.1	339.8	291.8	247.8	208.5	173.0	140.0	108.8
30°	590.8	527.1	466.6	409.6	357.7	307.6	260.7	218.4	180.4	145.1	112.2
27.5°	622.9	555.3	490.9	430.8	375.3	322.5	272.8	227.7	187.5	150.4	116.1
25°	652.8	582.3	514.9	451.2	391.7	336.7	284.0	236.3	194.8	156.0	119.7
22.5°	680.9	607.5	536.7	470.0	406.8	349.6	294.9	245.4	201.6	161.1	123.0
20°	706.4	630.1	556.2	487.0	421.5	362.0	305.4	253.5	207.7	165.7	126.0
17.5°	729.3	650.8	574.8	503.0	435.1	373.0	314.7	260.7	213.0	169.9	128.7
15°	750.7	669.6	591.2	516.9	447.0	382.6	322.8	266.9	217.6	173.5	131.2
12.5°	769.0	685.8	605.2	528.7	457.0	390.7	329.7	272.1	221.5	176.7	133.5
10°	784.1	699.1	616.6	538.4	465.1	397.3	335.2	276.5	225.0	179.5	135.4
7.5°	795.8	709.5	625.4	545.8	471.5	402.8	340.0	280.3	227.9	181.7	136.7
5°	804.7	717.7	633.0	552.1	477.4	407.3	343.4	283.0	230.0	183.2	137.4
2.5°	812.6	723.8	639.0	556.1	481.4	410.2	345.5	284.7	231.3	183.9	137.6
0°	817.1	726.8	642.3	557.8	483.4	411.5	346.2	285.2	231.7	184.0	137.2
-2.5°	812.6	723.8	639.0	556.1	481.4	410.2	345.5	284.7	231.3	183.9	137.6
-5°	804.7	717.7	633.0	552.1	477.4	407.3	343.4	283.0	230.0	183.2	137.4
-7.5°	795.8	709.5	625.4	545.8	471.5	402.8	340.0	280.3	227.9	181.7	136.7
-10°	784.1	699.1	616.6	538.4	465.1	397.3	335.2	276.5	225.0	179.5	135.4
-12.5°	769.0	685.8	605.2	528.7	457.0	390.7	329.7	272.1	221.5	176.7	133.5
-15°	750.7	669.6	591.2	516.9	447.0	382.6	322.8	266.9	217.6	173.5	131.2
-17.5°	729.3	650.8	574.8	503.0	435.1	373.0	314.7	260.7	213.0	169.9	128.7
-20°	706.4	630.1	556.2	487.0	421.5	362.0	305.4	253.5	207.7	165.7	126.0



REPORT NUMBER: P626601 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-727-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	680.9	607.5	536.7	470.0	406.8	349.6	294.9	245.4	201.6	161.1	123.0
-25°	652.8	582.3	514.9	451.2	391.7	336.7	284.0	236.3	194.8	156.0	119.7
-27.5°	622.9	555.3	490.9	430.8	375.3	322.5	272.8	227.7	187.5	150.4	116.1
-30°	590.8	527.1	466.6	409.6	357.7	307.6	260.7	218.4	180.4	145.1	112.2
-32.5°	556.0	496.7	441.2	389.1	339.8	291.8	247.8	208.5	173.0	140.0	108.8
-35°	520.6	466.4	414.6	367.4	321.3	276.9	235.0	197.8	165.2	134.6	105.4
-37.5°	483.9	435.5	389.9	345.4	302.0	261.0	222.5	187.7	157.0	129.1	101.8
-40°	449.3	404.7	363.3	323.5	283.2	244.2	209.2	177.7	150.0	123.5	98.0
-42.5°	413.6	374.6	337.2	300.6	264.1	228.7	195.4	167.1	142.6	118.4	94.0
-45°	380.2	344.7	311.2	278.3	244.5	212.3	182.9	156.1	134.6	113.5	89.7
-47.5°	346.6	316.3	286.0	255.6	225.7	195.9	169.7	146.8	126.3	108.5	85.1
-50°	316.0	288.8	261.6	233.8	205.9	180.6	156.6	137.1	119.0	101.9	80.1
-52.5°	286.6	262.9	237.6	211.8	187.8	164.7	145.5	127.2	111.4	94.7	74.7
-55°	258.5	237.0	213.3	191.0	169.6	151.2	133.9	118.6	103.6	87.2	69.0
-57.5°	230.5	210.5	190.5	170.7	153.2	137.7	123.4	109.7	95.1	79.4	63.6
-60°	202.8	185.8	168.0	152.3	137.8	124.9	113.5	100.4	86.3	71.5	57.2
-62.5°	176.5	161.6	148.2	134.7	122.9	112.7	103.3	90.7	77.4	63.5	50.5
-65°	151.5	139.8	128.4	117.9	108.4	100.0	92.2	80.8	67.8	55.2	43.6
-67.5°	127.2	118.4	109.5	101.0	94.0	87.3	80.7	69.7	57.8	46.6	37.0
-70°	105.2	97.8	91.1	85.4	79.9	74.2	67.3	57.9	47.5	38.6	30.3
-72.5°	83.6	78.6	74.1	70.0	65.3	59.9	53.6	46.0	38.0	30.5	23.4
-75°	62.2	60.1	57.9	54.9	50.7	45.8	40.8	34.9	28.4	22.1	17.6
-77.5°	45.1	43.8	42.2	40.4	37.1	33.2	28.7	23.7	19.4	15.9	12.3
-80°	29.8	29.5	28.8	27.4	24.3	20.8	18.1	15.3	12.6	9.8	6.9
-82.5°	16.5	16.7	16.7	16.2	14.3	12.3	10.2	8.0	5.9	3.7	3.0
-85°	7.9	7.7	7.3	6.6	5.2	3.7	3.2	2.8	2.5	2.3	2.0
-87.5°	2.4	2.4	2.4	2.4	2.1	1.9	1.6	1.4	1.3	1.1	1.0
-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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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626601 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-727-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.9	0.7	0.6	0.4	0.3	0.1	0.0
85°	1.7	1.4	1.1	0.9	0.6	0.3	0.0
82.5°	2.6	2.1	1.7	1.3	0.9	0.4	0.0
80°	3.9	2.8	2.3	1.7	1.1	0.5	0.0
77.5°	8.4	4.5	2.8	2.1	1.4	0.6	0.0
75°	12.9	7.8	3.7	2.6	1.7	0.7	0.0
72.5°	17.3	11.0	5.9	3.0	2.0	0.9	0.0
70°	21.6	14.1	8.1	3.6	2.2	1.0	0.0
67.5°	26.8	17.0	10.2	4.9	2.5	1.1	0.0
65°	31.9	20.4	12.2	6.2	2.7	1.2	0.0
62.5°	36.6	24.0	14.0	7.4	3.0	1.3	0.0
60°	41.1	27.5	15.8	8.6	3.2	1.4	0.0
57.5°	45.8	30.7	18.2	9.6	3.8	1.5	0.0
55°	50.2	33.7	20.4	10.7	4.5	1.6	0.0
52.5°	54.3	36.6	22.5	11.6	5.1	1.7	0.0
50°	58.1	39.6	24.4	12.5	5.7	1.8	0.0
47.5°	61.6	42.3	26.2	13.4	6.2	1.9	0.0
45°	65.5	44.8	27.8	14.5	6.8	2.0	0.0
42.5°	69.1	47.0	29.2	15.6	7.3	2.0	0.0
40°	72.4	49.0	30.6	16.7	7.8	2.1	0.0
37.5°	75.3	50.6	32.0	17.7	8.2	2.2	0.0
35°	77.9	52.5	33.1	18.7	8.6	2.2	0.0
32.5°	80.3	54.4	34.1	19.7	9.0	2.3	0.0
30°	82.8	56.1	34.9	20.5	9.3	2.3	0.0
27.5°	85.0	57.4	36.1	21.3	9.7	2.4	0.0
25°	87.0	58.5	37.2	21.9	9.9	2.4	0.0
22.5°	88.7	59.6	38.2	22.5	10.2	2.5	0.0
20°	90.1	61.1	39.1	23.1	10.4	2.5	0.0
17.5°	91.8	62.3	39.8	23.5	10.6	2.5	0.0
15°	93.6	63.2	40.4	23.9	10.7	2.5	0.0
12.5°	95.1	63.9	40.8	24.1	10.8	2.5	0.0
10°	96.2	64.3	41.1	24.3	10.9	2.5	0.0
7.5°	97.0	64.5	41.3	24.4	11.0	2.5	0.0
5°	97.4	64.4	41.3	24.5	11.0	2.5	0.0
2.5°	97.4	64.1	41.2	24.4	11.0	2.5	0.0
0°	97.0	63.6	41.0	24.3	10.9	2.5	0.0
-2.5°	97.4	64.1	41.2	24.4	11.0	2.5	0.0
-5°	97.4	64.4	41.3	24.5	11.0	2.5	0.0
-7.5°	97.0	64.5	41.3	24.4	11.0	2.5	0.0
-10°	96.2	64.3	41.1	24.3	10.9	2.5	0.0
-12.5°	95.1	63.9	40.8	24.1	10.8	2.5	0.0
-15°	93.6	63.2	40.4	23.9	10.7	2.5	0.0
-17.5°	91.8	62.3	39.8	23.5	10.6	2.5	0.0
-20°	90.1	61.1	39.1	23.1	10.4	2.5	0.0

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CATALOG NUMBER: GFLD-SA1B-727-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	88.7	59.6	38.2	22.5	10.2	2.5	0.0
-25°	87.0	58.5	37.2	21.9	9.9	2.4	0.0
-27.5°	85.0	57.4	36.1	21.3	9.7	2.4	0.0
-30°	82.8	56.1	34.9	20.5	9.3	2.3	0.0
-32.5°	80.3	54.4	34.1	19.7	9.0	2.3	0.0
-35°	77.9	52.5	33.1	18.7	8.6	2.2	0.0
-37.5°	75.3	50.6	32.0	17.7	8.2	2.2	0.0
-40°	72.4	49.0	30.6	16.7	7.8	2.1	0.0
-42.5°	69.1	47.0	29.2	15.6	7.3	2.0	0.0
-45°	65.5	44.8	27.8	14.5	6.8	2.0	0.0
-47.5°	61.6	42.3	26.2	13.4	6.2	1.9	0.0
-50°	58.1	39.6	24.4	12.5	5.7	1.8	0.0
-52.5°	54.3	36.6	22.5	11.6	5.1	1.7	0.0
-55°	50.2	33.7	20.4	10.7	4.5	1.6	0.0
-57.5°	45.8	30.7	18.2	9.6	3.8	1.5	0.0
-60°	41.1	27.5	15.8	8.6	3.2	1.4	0.0
-62.5°	36.6	24.0	14.0	7.4	3.0	1.3	0.0
-65°	31.9	20.4	12.2	6.2	2.7	1.2	0.0
-67.5°	26.8	17.0	10.2	4.9	2.5	1.1	0.0
-70°	21.6	14.1	8.1	3.6	2.2	1.0	0.0
-72.5°	17.3	11.0	5.9	3.0	2.0	0.9	0.0
-75°	12.9	7.8	3.7	2.6	1.7	0.7	0.0
-77.5°	8.4	4.5	2.8	2.1	1.4	0.6	0.0
-80°	3.9	2.8	2.3	1.7	1.1	0.5	0.0
-82.5°	2.6	2.1	1.7	1.3	0.9	0.4	0.0
-85°	1.7	1.4	1.1	0.9	0.6	0.3	0.0
-87.5°	0.9	0.7	0.6	0.4	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)