

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: P627978 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-727-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627978 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-12)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6E-727-U-NR-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (96) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 41500.5 lumens
Efficiency: N/A
Efficacy: 110.2 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')

NEMA Type: 3H x 3V
Max Intensity: 420675.8 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 13.6°H x 13.6°V
Beam Lumens: 13248.9 lumens
Beam Efficiency: 31.9%

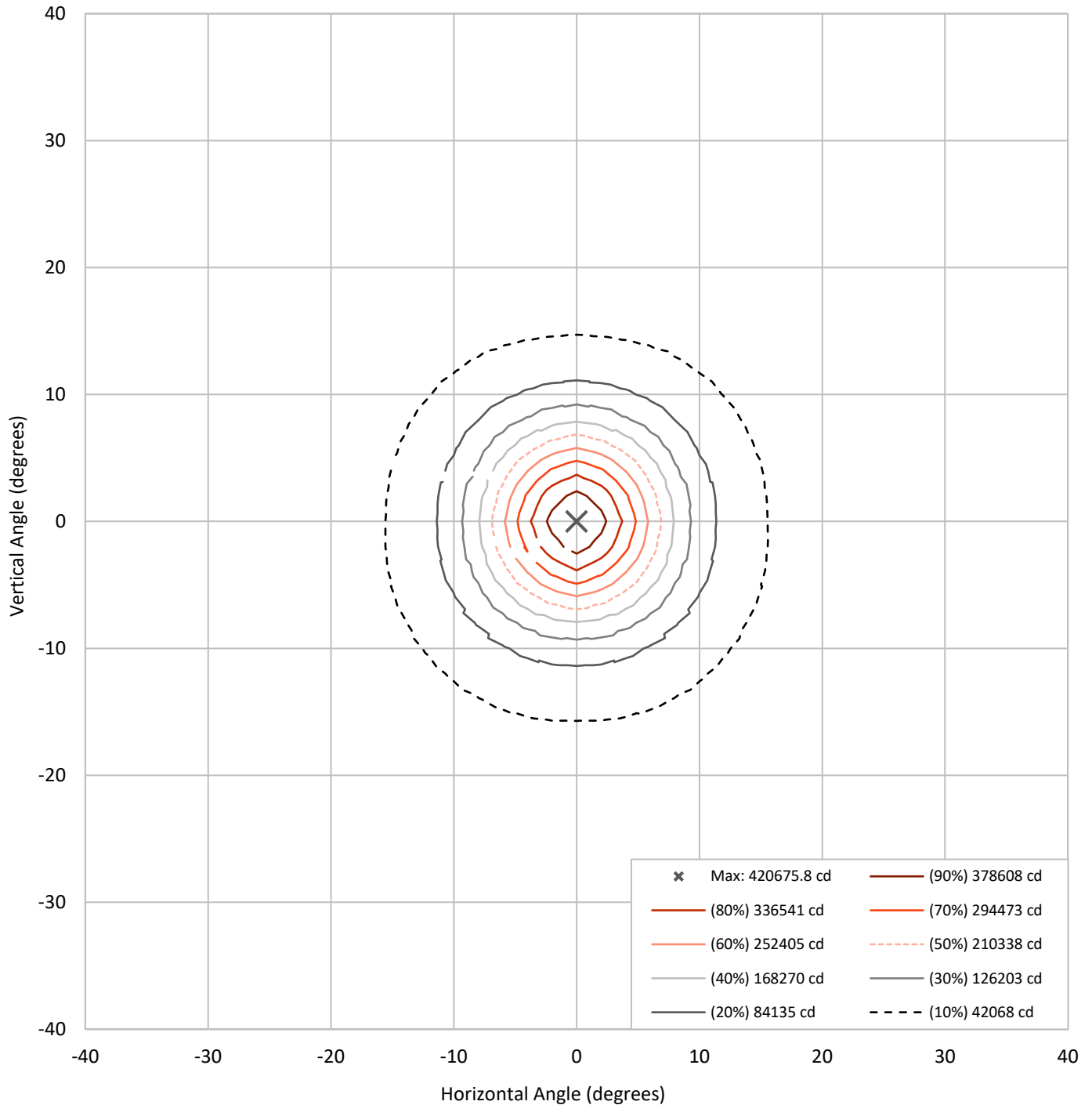
Field Angle (10%): 30.9°H x 30.2°V
Field Lumens: 29509.5 lumens
Field Efficiency: 71.1%

Input Watts (W): 376.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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CATALOG NUMBER: GFLD-SA6E-727-U-NR-VSR-XX

Iso-Candela Plot





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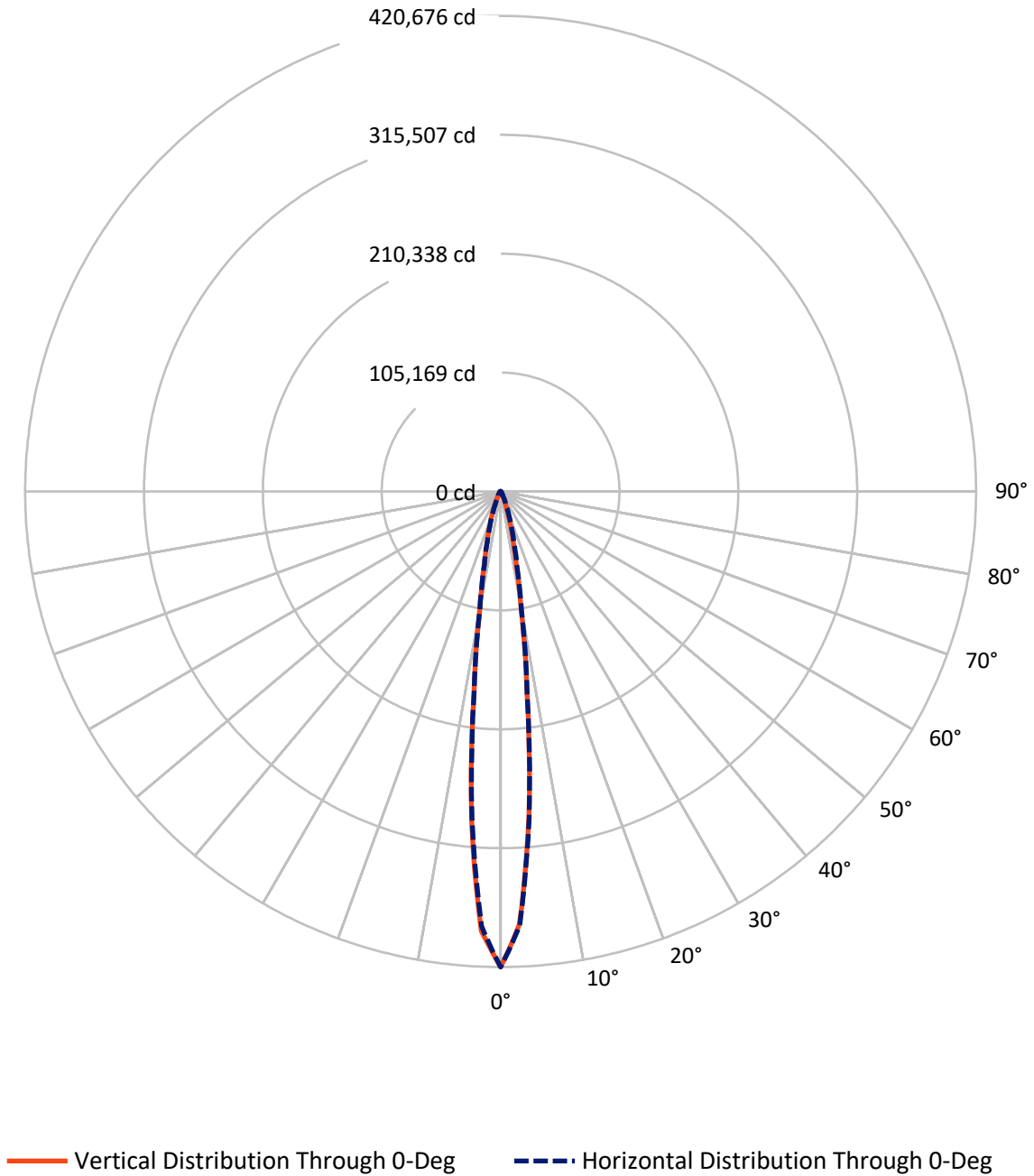
CATALOG NUMBER: GFLD-SA6E-727-U-NR-VSR-XX

Lumen Table

90																			
80	0.0	0.0		0.0		0.0		0.0		0.0		0.0		0.0					
70	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1			
60		0.1	0.3	1.0	2.3	3.7	4.9	5.9	5.9	4.9	3.7	2.3	1.0	0.3	0.1				
50	0.2	0.2	1.2	3.6	6.8	10.0	14.0	16.5	16.5	14.0	10.0	6.8	3.6	1.2	0.2	0.2			
40		0.6	2.9	7.1	12.6	19.9	33.8	43.0	43.0	33.8	19.9	12.6	7.1	2.9	0.6				
30	0.4	1.2	4.6	10.7	19.4	42.2	112.7	186.7	186.7	112.7	42.2	19.4	10.7	4.6	1.2	0.4			
20		1.8	6.4	14.8	32.1	126.2	532.0	1169.3	1169.3	532.0	126.2	32.1	14.8	6.4	1.8				
10	0.6	2.2	7.7	17.4	43.6	236.9	1274.7	5717.0	5717.0	1274.7	236.9	43.6	17.4	7.7	2.2	0.6			
0		2.6	8.4	18.3	46.8	252.4	1319.5	5814.0	5814.0	1319.5	252.4	46.8	18.3	8.4	2.6				
-10	0.8	2.7	8.6	18.0	41.1	160.6	640.5	1370.0	1370.0	640.5	160.6	41.1	18.0	8.6	2.7	0.8			
-20		2.6	8.2	16.5	31.7	75.1	197.3	328.9	328.9	197.3	75.1	31.7	16.5	8.2	2.6				
-30	0.7	2.3	7.3	14.6	24.8	41.2	67.1	85.3	85.3	67.1	41.2	24.8	14.6	7.3	2.3	0.7			
-40		1.9	6.0	12.1	20.1	28.8	38.7	43.2	43.2	38.7	28.8	20.1	12.1	6.0	1.9				
-50	0.5	1.4	4.5	9.5	15.8	22.1	27.9	30.5	30.5	27.9	22.1	15.8	9.5	4.5	1.4	0.5			
-60		0.9	2.8	6.1	10.6	15.4	19.5	21.4	21.4	19.5	15.4	10.6	6.1	2.8	0.9				
-70	0.2	2.5		10.4		22.9		29.1		22.9		10.4		2.5		0.2			
-80		2.5		10.4		22.9		29.1		22.9		10.4		2.5					
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

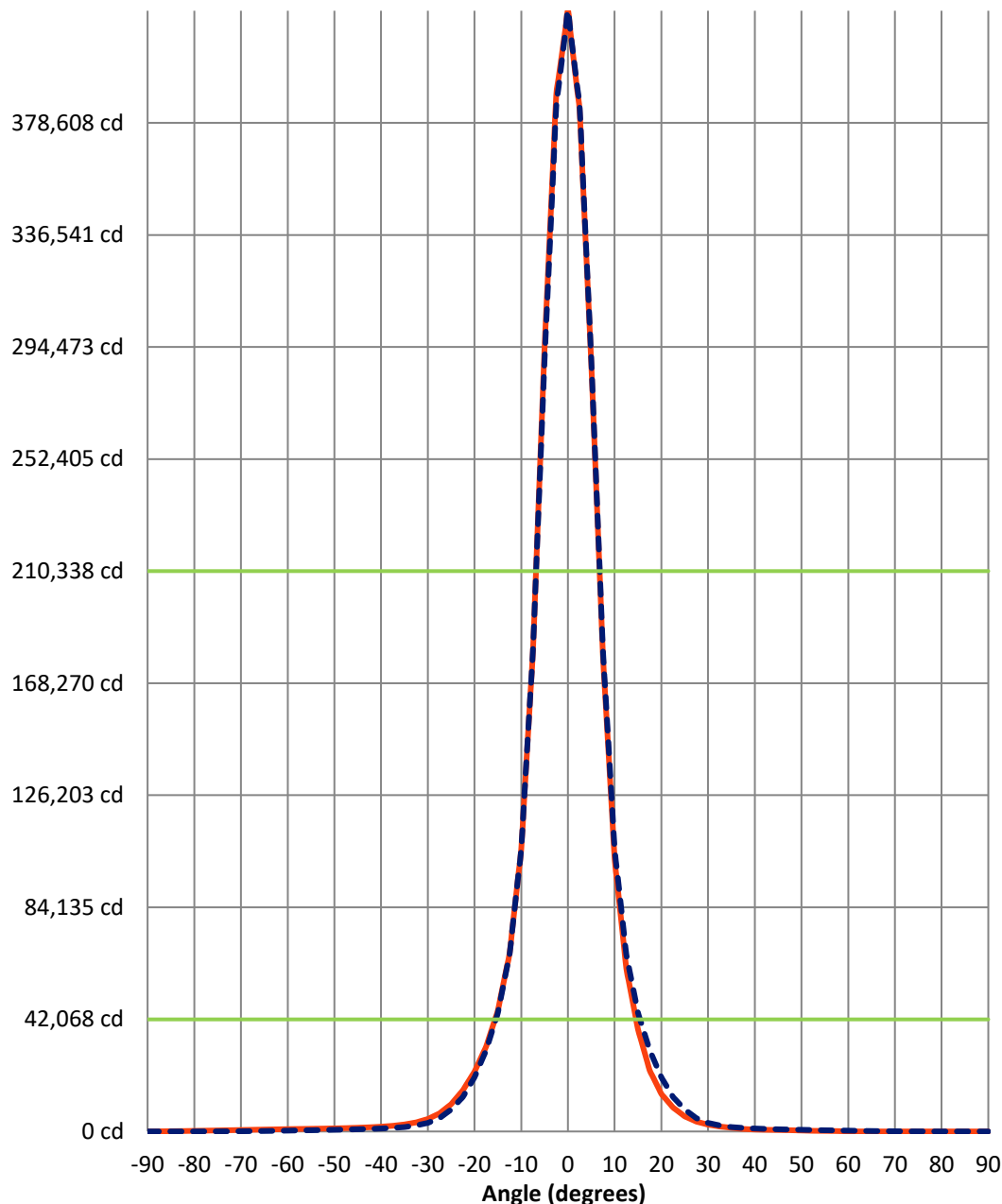
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 13248.9
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 29509.5
 Efficiency: 71.1%

Spill:
 Lumens: 11991
 Efficiency: 28.9%

— 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	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	1.0	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0
75°	0.0	1.2	0.2	0.0	0.1	0.7	0.2	0.0	0.2	0.8	0.3
72.5°	0.0	1.4	0.2	0.0	1.0	1.3	0.5	0.6	1.9	2.0	0.8
70°	0.0	1.6	0.4	0.2	1.8	2.0	1.0	2.7	3.7	3.3	1.2
67.5°	0.0	1.8	0.5	1.0	2.7	2.7	3.1	5.0	5.7	3.6	1.5
65°	0.0	2.1	0.7	1.9	3.6	3.8	5.1	7.4	6.0	3.9	2.7
62.5°	0.0	2.3	0.9	2.8	4.6	5.1	7.0	8.3	6.3	4.6	5.6
60°	0.0	2.5	1.2	3.8	5.6	6.2	8.7	8.7	6.7	6.4	8.2
57.5°	0.0	2.8	1.9	4.7	6.3	7.3	8.9	8.9	7.5	7.9	8.9
55°	0.0	3.0	2.7	5.6	6.9	8.2	8.9	8.9	8.2	8.9	8.9
52.5°	0.0	3.3	3.4	6.6	7.4	8.9	8.9	8.9	8.7	8.9	8.9
50°	0.0	3.5	4.0	7.6	7.9	8.9	8.9	8.9	8.9	8.9	10.4
47.5°	0.0	3.8	4.6	8.4	8.2	8.9	8.9	8.9	8.9	8.9	12.3
45°	0.0	4.1	5.2	8.7	8.6	8.9	8.9	8.9	9.2	11.1	14.6
42.5°	0.0	4.3	5.7	8.8	8.8	8.9	8.9	9.2	9.8	13.5	19.7
40°	0.0	4.6	6.2	8.9	8.9	8.9	8.9	9.9	11.3	16.3	25.4
37.5°	0.0	4.9	6.7	8.9	8.9	8.9	8.9	10.8	14.4	20.5	31.3
35°	0.0	5.2	7.0	8.9	8.9	8.9	8.9	11.9	17.7	26.2	38.4
32.5°	0.0	5.5	7.4	8.9	8.9	8.9	9.2	13.1	21.2	31.6	47.6
30°	0.0	5.8	7.7	8.9	8.9	8.9	10.1	14.8	24.7	36.9	57.6
27.5°	0.0	6.1	8.0	8.9	8.9	8.9	11.1	17.7	28.7	41.9	68.4
25°	0.0	6.4	8.2	8.9	8.9	8.9	12.1	20.5	32.9	49.4	79.9
22.5°	0.0	6.6	8.4	8.9	8.9	9.1	13.2	23.4	36.9	58.3	93.5
20°	0.0	6.9	8.5	8.9	8.9	9.7	14.4	26.3	40.7	67.4	106.1
17.5°	0.0	7.2	8.7	8.9	8.9	10.5	16.0	29.0	44.3	76.6	117.6
15°	0.0	7.5	8.7	8.9	8.9	11.4	17.8	31.8	47.7	85.6	127.9
12.5°	0.0	7.7	8.8	8.9	8.9	12.4	19.5	34.5	52.2	94.4	137.3
10°	0.0	8.0	8.9	8.9	8.9	13.5	21.1	37.0	57.9	102.6	145.5
7.5°	0.0	8.2	8.9	8.9	8.9	14.6	22.7	39.2	63.7	109.6	152.7
5°	0.0	8.5	8.9	8.9	8.9	15.7	24.1	41.2	69.5	115.6	159.1
2.5°	0.0	8.7	8.9	8.9	8.9	16.8	25.5	43.0	75.0	120.6	164.6
0°	0.0	8.9	8.9	8.9	8.9	17.8	26.7	44.5	80.1	124.7	169.2
-2.5°	0.0	8.9	8.9	8.9	9.7	18.7	29.0	47.2	84.7	128.0	174.9
-5°	0.0	8.9	8.9	8.9	10.4	19.6	31.2	49.6	88.6	130.6	179.7
-7.5°	0.0	8.8	8.9	8.9	11.2	20.4	33.2	51.8	91.8	132.5	183.2
-10°	0.0	8.8	8.9	8.9	11.8	21.0	34.9	53.7	94.2	134.0	185.4
-12.5°	0.0	8.7	8.9	8.9	12.4	21.6	36.4	55.4	95.6	135.3	188.9
-15°	0.0	8.6	8.9	8.9	12.9	22.1	37.5	56.7	96.0	138.0	192.1
-17.5°	0.0	8.5	8.9	8.9	13.3	22.5	38.2	58.1	95.3	139.4	193.5
-20°	0.0	8.4	8.9	8.9	13.5	22.8	38.8	59.3	93.9	139.4	193.2

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Scaled Data Report



REPORT NUMBER: P627978 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-727-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	8.2	8.9	8.9	13.7	23.0	39.2	60.0	91.8	137.8	191.0
-25°	0.0	8.1	8.9	8.9	13.6	23.6	39.5	60.3	88.9	134.6	186.8
-27.5°	0.0	7.9	8.9	8.9	13.4	24.2	39.5	60.1	85.4	130.0	182.8
-30°	0.0	7.7	8.9	8.9	13.1	24.6	39.3	59.4	83.6	125.2	176.7
-32.5°	0.0	7.5	8.9	8.9	13.0	24.8	38.8	58.7	82.5	119.6	168.3
-35°	0.0	7.3	8.9	8.9	12.9	24.7	38.7	57.9	80.8	113.3	157.6
-37.5°	0.0	7.1	8.9	8.9	12.6	24.5	38.6	56.9	78.5	106.2	151.5
-40°	0.0	6.8	8.9	8.9	12.1	24.0	38.1	55.5	75.5	101.7	146.0
-42.5°	0.0	6.6	8.9	9.0	12.0	23.3	37.3	53.9	73.1	99.6	139.1
-45°	0.0	6.3	8.9	9.2	12.3	22.3	36.1	52.2	70.9	96.5	131.5
-47.5°	0.0	6.0	8.9	9.4	12.5	21.1	34.7	50.5	68.5	92.3	126.4
-50°	0.0	5.7	8.9	9.5	12.6	19.7	32.9	48.3	65.9	88.8	119.9
-52.5°	0.0	5.4	8.9	9.6	12.7	18.1	30.8	45.7	62.6	83.9	112.0
-55°	0.0	5.1	8.9	9.6	12.6	17.6	28.5	42.6	58.9	77.6	103.9
-57.5°	0.0	4.8	8.9	9.6	12.4	17.2	25.8	39.2	54.6	72.0	94.1
-60°	0.0	4.4	8.9	9.6	12.2	16.7	23.1	35.5	49.9	66.2	84.3
-62.5°	0.0	4.1	8.2	9.5	11.8	16.0	21.9	31.3	44.8	59.9	76.7
-65°	0.0	3.8	7.5	9.3	11.4	15.1	20.5	27.6	39.2	53.1	68.5
-67.5°	0.0	3.4	6.8	9.2	10.9	14.2	19.0	25.3	33.3	45.8	59.7
-70°	0.0	3.0	6.1	8.9	10.3	13.1	17.3	22.8	29.7	38.1	50.4
-72.5°	0.0	2.7	5.3	8.0	9.7	11.9	15.4	20.1	26.0	33.1	41.3
-75°	0.0	2.3	4.6	6.9	9.0	10.7	13.4	17.6	22.1	28.0	34.8
-77.5°	0.0	1.9	3.8	5.8	7.7	9.4	11.3	15.2	19.2	23.2	28.0
-80°	0.0	1.5	3.1	4.6	6.2	7.7	9.2	12.7	16.3	20.0	23.6
-82.5°	0.0	1.2	2.3	3.5	4.6	5.8	6.9	9.9	13.4	16.7	20.0
-85°	0.0	0.8	1.5	2.3	3.1	3.8	4.6	6.6	9.1	11.9	15.0
-87.5°	0.0	0.4	0.8	1.2	1.5	1.9	2.3	3.3	4.6	6.0	7.5
-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-SA6E-727-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.9	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.6	2.5	3.0	1.9	0.0	0.0	0.0	0.6	0.0	0.0	0.0
65°	4.3	5.8	4.4	2.3	0.2	2.1	3.0	2.4	0.3	0.0	0.0
62.5°	8.2	7.0	4.9	3.7	5.0	6.7	5.2	3.0	0.8	4.3	6.2
60°	8.9	7.5	6.2	7.0	9.0	8.0	5.8	8.7	13.1	16.4	19.9
57.5°	8.9	8.2	8.1	9.6	10.1	10.1	15.6	20.9	29.6	36.7	41.6
55°	9.1	8.8	10.1	12.0	15.0	21.3	29.1	41.0	50.5	65.2	77.7
52.5°	10.1	10.1	13.5	18.2	26.9	36.7	50.6	67.4	86.4	100.7	115.9
50°	11.5	14.9	19.0	30.5	42.4	57.9	80.6	105.1	121.2	137.3	159.0
47.5°	15.8	20.2	31.3	44.7	61.9	86.5	117.8	135.5	151.4	176.6	203.6
45°	21.4	30.3	44.0	62.4	86.3	120.8	145.4	159.8	187.3	216.6	247.4
42.5°	27.3	41.8	60.5	80.0	117.5	150.2	172.5	195.4	223.1	257.3	290.8
40°	37.0	53.1	78.6	109.1	147.3	179.2	207.1	233.5	260.7	305.5	341.0
37.5°	46.9	70.4	99.1	137.1	176.7	211.6	242.8	275.9	314.8	365.3	397.2
35°	56.5	88.3	123.5	163.9	205.9	245.4	282.9	321.6	372.0	419.8	457.9
32.5°	70.0	106.7	146.2	189.9	233.1	277.8	323.4	369.6	419.3	468.1	518.2
30°	86.9	126.2	167.8	214.6	258.2	310.0	362.7	411.6	461.6	513.1	569.7
27.5°	103.9	144.5	189.5	236.7	282.4	341.5	398.3	449.4	500.7	556.1	620.6
25°	119.7	162.8	209.9	256.5	310.2	373.4	435.7	494.8	538.3	601.3	676.7
22.5°	134.8	180.8	231.4	274.2	336.9	405.7	478.1	541.7	593.2	649.5	735.0
20°	149.8	199.3	251.4	299.5	363.8	437.7	523.6	589.2	653.1	725.6	813.0
17.5°	164.1	216.6	271.3	328.3	396.2	472.7	570.3	637.1	713.4	800.3	910.2
15°	177.6	232.5	291.2	355.3	425.4	507.8	602.0	685.3	776.5	876.8	1006.8
12.5°	190.1	247.1	310.9	380.2	451.1	538.1	628.5	717.2	822.1	953.3	1116.9
10°	201.7	260.3	329.9	403.1	473.5	563.6	651.9	744.2	854.9	999.0	1186.3
7.5°	211.3	273.6	348.0	423.7	492.8	584.6	672.1	766.4	882.3	1036.7	1232.9
5°	219.4	287.6	364.7	437.1	508.9	602.7	689.0	784.1	904.1	1066.3	1266.3
2.5°	226.2	300.5	379.4	446.8	522.7	619.2	702.5	803.6	926.3	1089.2	1297.5
0°	231.5	311.7	391.8	454.1	534.3	632.2	712.3	819.2	943.9	1104.1	1326.7
-2.5°	242.3	321.0	399.2	462.5	546.5	634.3	718.8	821.4	950.5	1115.7	1332.2
-5°	251.4	328.4	404.6	468.9	555.7	634.1	721.6	819.5	952.8	1122.3	1341.9
-7.5°	258.3	334.2	408.3	474.0	560.7	637.0	725.6	825.9	959.7	1128.4	1354.5
-10°	262.9	338.3	411.2	480.3	561.9	640.1	727.1	827.3	958.5	1124.5	1347.6
-12.5°	265.2	340.7	412.6	483.8	561.6	639.8	725.0	823.4	948.7	1110.4	1320.0
-15°	266.0	341.7	412.4	484.2	560.2	636.0	719.3	814.1	931.0	1086.6	1276.8
-17.5°	265.2	341.1	410.7	481.2	558.2	628.6	710.4	801.5	913.2	1058.6	1241.8
-20°	262.9	339.3	407.6	474.8	555.2	621.9	701.6	789.5	894.5	1026.3	1190.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627978 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-727-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	259.2	336.1	403.2	468.3	545.3	615.6	690.0	773.9	868.0	987.2	1132.7
-25°	254.9	329.8	397.6	463.3	534.1	605.9	675.4	755.2	841.6	956.1	1087.1
-27.5°	249.2	322.2	389.8	456.4	522.2	592.9	660.8	736.1	821.8	922.7	1039.8
-30°	241.0	311.3	379.0	446.9	511.8	578.2	643.8	715.6	796.2	891.5	999.6
-32.5°	230.6	299.2	365.5	432.6	500.1	563.5	625.2	694.2	769.9	853.4	956.3
-35°	220.0	286.1	350.8	414.7	485.9	547.0	606.5	669.7	740.2	817.9	901.6
-37.5°	210.1	272.1	335.2	395.5	462.9	526.6	584.5	644.6	709.7	780.9	857.0
-40°	199.5	257.2	318.7	377.5	436.7	501.6	559.4	617.4	677.6	749.0	816.7
-42.5°	188.5	244.5	301.5	359.2	415.6	473.6	531.3	587.0	650.4	718.1	784.5
-45°	179.2	231.3	284.1	340.2	395.9	448.3	502.4	554.5	618.9	686.5	751.4
-47.5°	168.4	217.8	269.0	319.8	374.4	426.8	475.4	528.0	583.0	646.7	714.9
-50°	157.3	204.0	251.2	299.1	350.8	403.3	452.6	501.2	553.0	605.4	664.2
-52.5°	147.7	188.6	232.3	276.2	325.2	376.5	426.4	475.0	522.6	571.9	622.1
-55°	136.5	173.9	212.5	253.6	296.5	345.6	395.1	442.6	491.2	537.2	586.4
-57.5°	124.0	157.6	192.8	231.3	270.3	310.6	358.5	405.8	451.5	498.0	548.7
-60°	109.8	139.9	171.8	207.3	245.3	282.2	321.1	364.8	409.0	453.1	499.9
-62.5°	95.1	121.2	150.1	181.1	215.9	252.2	287.7	325.0	364.7	403.1	443.6
-65°	85.4	103.8	128.0	155.6	184.2	216.6	250.2	284.6	319.5	352.2	383.4
-67.5°	75.0	91.6	109.4	129.8	155.8	183.2	210.0	240.8	272.1	302.1	331.3
-70°	63.9	78.7	94.5	111.5	130.0	152.4	177.5	202.1	226.2	251.3	278.4
-72.5°	52.4	65.2	78.9	93.6	109.4	127.1	146.5	167.5	188.9	209.7	230.8
-75°	43.0	51.4	62.7	75.1	88.7	102.7	116.7	133.3	151.4	169.7	187.5
-77.5°	35.4	43.2	50.9	58.5	68.2	80.9	93.5	105.8	118.4	132.2	146.9
-80°	28.8	34.8	41.9	48.9	55.5	63.2	71.9	81.6	90.5	99.7	109.7
-82.5°	24.0	28.6	33.6	39.1	43.0	47.1	51.7	57.3	63.3	69.4	75.8
-85°	18.4	22.1	25.5	29.2	31.0	33.0	35.2	37.7	41.5	45.2	48.9
-87.5°	9.2	11.1	13.1	15.3	16.3	17.2	18.0	18.9	21.3	23.8	26.5
-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: P627978 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-727-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.5	0.1	0.0	0.0	0.1	1.6	2.2	1.9	0.8	0.0	0.0
62.5°	5.2	4.3	6.9	9.2	10.1	9.8	9.1	8.1	6.9	6.4	7.3
60°	21.4	20.9	29.2	33.2	30.2	21.3	33.5	39.6	38.0	32.6	32.4
57.5°	52.2	63.5	71.6	75.2	87.0	106.1	109.8	103.4	101.2	103.2	119.3
55°	90.6	99.7	104.4	120.5	134.9	145.3	151.3	157.6	166.7	177.8	189.4
52.5°	128.1	140.6	150.1	164.6	181.7	187.7	186.1	208.1	225.3	236.3	240.8
50°	175.9	191.4	213.6	236.2	246.1	255.7	265.8	283.9	310.2	343.0	361.9
47.5°	227.4	251.9	275.2	301.1	314.1	324.3	339.4	371.0	408.5	443.8	462.2
45°	273.8	295.6	322.3	344.6	360.8	380.4	402.3	430.8	472.8	509.7	535.2
42.5°	311.1	335.7	363.1	390.1	406.5	433.0	466.3	505.0	549.0	587.4	615.7
40°	363.4	384.2	427.7	453.4	459.9	484.6	551.3	604.2	653.9	701.1	724.7
37.5°	426.5	467.0	512.3	535.7	558.5	602.3	691.5	776.9	840.3	904.3	939.2
35°	498.2	551.5	613.1	640.7	689.9	785.3	890.0	1008.9	1157.0	1219.0	1275.4
32.5°	567.9	627.5	684.4	746.2	832.3	946.2	1064.2	1257.0	1437.2	1576.6	1678.5
30°	629.7	693.0	763.5	843.1	964.3	1121.3	1318.4	1568.0	1821.8	2043.4	2230.8
27.5°	690.8	762.8	846.7	965.3	1135.9	1349.2	1663.8	2019.8	2443.6	2755.7	3128.6
25°	757.8	840.1	947.8	1119.8	1350.0	1668.9	2171.8	2749.8	3444.7	4008.1	4597.7
22.5°	837.0	958.6	1095.1	1286.9	1689.1	2214.4	2901.4	3889.4	4958.4	5946.6	6898.3
20°	932.7	1099.0	1318.1	1671.3	2187.6	2964.2	4157.9	5734.7	7306.7	8980.8	10592.5
17.5°	1069.3	1309.0	1649.4	2152.1	2832.6	4368.9	6305.7	8744.5	11877.7	14717.2	17196.3
15°	1197.5	1483.8	2021.4	2772.9	3959.7	5995.9	8937.6	12963.0	17846.1	22296.4	26996.7
12.5°	1332.1	1670.1	2287.5	3244.4	4893.4	7544.3	11678.4	17193.9	23308.4	30015.5	37655.2
10°	1438.6	1849.1	2588.3	3801.5	5834.3	9135.3	14059.6	20748.7	28874.0	38800.0	51012.7
7.5°	1510.6	1992.5	2836.8	4209.3	6700.4	10762.4	16690.3	24730.4	34888.3	48038.4	65127.1
5°	1566.8	2102.0	3023.6	4581.3	7433.1	12004.5	18639.4	28217.1	40233.5	57852.2	86812.7
2.5°	1611.9	2185.9	3139.1	4837.3	7893.0	12869.4	19947.1	30189.8	43415.3	65107.8	102680.2
0°	1647.3	2261.7	3214.5	4995.3	8245.4	12955.8	20355.3	30550.7	44557.2	66417.3	106095.0
-2.5°	1662.3	2302.2	3240.4	5030.0	8210.2	13104.4	20479.9	30839.0	44514.3	65699.8	102281.2
-5°	1687.3	2301.6	3220.8	4994.6	8026.1	12720.4	19666.5	29225.5	41828.8	60049.2	90019.7
-7.5°	1705.3	2264.9	3127.6	4768.3	7544.2	11890.5	18237.4	26552.0	36941.1	50775.4	69337.1
-10°	1688.8	2194.5	2972.1	4388.6	6795.1	10559.2	16064.1	23022.7	31657.1	41909.4	54520.6
-12.5°	1625.3	2064.4	2718.4	3856.9	5824.9	9067.8	13877.7	19802.4	26193.1	33393.4	42107.9
-15°	1544.9	1924.2	2489.9	3492.1	5105.6	7589.7	11101.2	15907.6	21034.1	26501.0	32330.6
-17.5°	1482.4	1801.1	2269.5	2995.1	4181.8	6156.9	8916.4	12330.9	16098.2	20260.4	23715.0
-20°	1397.7	1649.5	2042.7	2635.3	3540.8	4849.3	6859.1	9339.7	11825.6	14752.1	17138.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627978 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-727-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1312.9	1532.2	1831.4	2265.1	2938.8	3927.4	5169.2	6825.4	8643.4	10323.1	11976.6
-25°	1234.1	1403.1	1645.1	2000.8	2457.9	3132.5	4016.3	4966.5	6164.8	7187.3	8322.0
-27.5°	1170.4	1315.5	1494.1	1754.8	2109.5	2543.4	3176.3	3813.0	4443.2	4959.2	5740.4
-30°	1108.7	1225.6	1375.0	1560.9	1826.8	2161.2	2572.0	2985.0	3348.7	3680.4	4087.2
-32.5°	1048.3	1143.4	1257.9	1412.3	1603.1	1854.4	2106.9	2402.9	2655.7	2889.0	3104.9
-35°	987.8	1072.4	1159.6	1289.8	1441.9	1620.4	1804.0	2004.6	2179.6	2336.7	2475.7
-37.5°	933.1	1007.4	1089.5	1186.3	1308.9	1443.4	1593.3	1738.9	1854.5	1956.5	2040.8
-40°	886.9	954.5	1024.7	1102.3	1195.6	1301.7	1429.0	1550.4	1631.4	1693.7	1744.8
-42.5°	845.7	905.2	965.0	1030.9	1102.5	1194.3	1294.8	1395.0	1450.0	1498.2	1535.2
-45°	812.6	858.2	908.6	964.8	1028.3	1105.1	1184.2	1253.5	1302.2	1343.7	1374.6
-47.5°	768.9	812.8	856.4	902.8	961.9	1026.0	1091.3	1144.6	1187.3	1223.4	1247.0
-50°	720.7	767.0	806.9	847.7	902.1	956.4	1009.0	1053.0	1093.7	1129.1	1147.7
-52.5°	670.8	720.5	762.4	802.2	847.9	895.2	942.7	980.4	1016.0	1049.3	1063.4
-55°	634.9	680.6	724.0	761.4	799.0	836.9	875.7	914.8	950.0	981.6	991.1
-57.5°	596.1	642.7	685.5	719.1	753.1	787.3	822.8	858.1	892.0	922.4	930.1
-60°	548.7	599.3	637.3	669.0	702.1	735.9	766.7	798.1	829.8	856.3	864.8
-62.5°	488.6	534.6	572.2	605.6	637.5	666.8	696.9	726.3	754.7	775.7	782.5
-65°	416.4	455.6	494.3	529.3	560.7	589.1	616.8	643.6	669.4	687.8	697.0
-67.5°	359.6	387.7	418.8	448.9	480.5	509.7	534.7	558.3	580.5	596.1	605.9
-70°	304.7	331.5	360.6	389.3	416.8	440.5	460.5	479.9	498.8	512.6	523.0
-72.5°	252.2	274.9	299.2	324.5	349.7	371.1	389.4	406.7	423.0	434.9	444.5
-75°	204.8	223.6	244.0	264.5	284.9	301.9	317.2	332.2	346.6	357.1	365.9
-77.5°	162.5	178.4	194.4	210.4	226.5	238.8	250.1	261.0	271.7	280.0	287.6
-80°	120.4	132.9	145.7	158.5	171.3	180.7	189.1	197.2	204.7	209.6	213.9
-82.5°	82.3	91.0	100.0	109.0	118.0	125.0	131.7	138.3	144.8	147.1	148.7
-85°	52.5	56.9	61.5	66.5	71.6	75.5	79.1	82.6	85.9	89.0	91.9
-87.5°	29.1	30.0	30.8	31.6	32.3	34.9	37.6	40.3	43.0	43.4	43.8
-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: P627978 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-727-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.9
62.5°	8.0	8.5	8.8	8.9	8.8	8.5	8.0	7.3	6.4	6.9	8.1
60°	30.4	27.1	26.5	26.7	26.5	27.1	30.4	32.4	32.6	38.0	39.6
57.5°	135.5	150.6	154.9	151.4	154.9	150.6	135.5	119.3	103.2	101.2	103.4
55°	197.2	201.9	204.1	204.8	204.1	201.9	197.2	189.4	177.8	166.7	157.6
52.5°	241.7	240.2	239.8	240.4	239.8	240.2	241.7	240.8	236.3	225.3	208.1
50°	363.3	356.7	354.1	356.2	354.1	356.7	363.3	361.9	343.0	310.2	283.9
47.5°	464.4	466.4	469.6	471.9	469.6	466.4	464.4	462.2	443.8	408.5	371.0
45°	542.3	547.1	550.4	552.1	550.4	547.1	542.3	535.2	509.7	472.8	430.8
42.5°	622.0	622.5	621.6	623.3	621.6	622.5	622.0	615.7	587.4	549.0	505.0
40°	734.3	736.6	734.2	730.2	734.2	736.6	734.3	724.7	701.1	653.9	604.2
37.5°	959.6	962.8	952.2	943.9	952.2	962.8	959.6	939.2	904.3	840.3	776.9
35°	1327.0	1365.1	1383.2	1389.1	1383.2	1365.1	1327.0	1275.4	1219.0	1157.0	1008.9
32.5°	1749.0	1802.0	1828.6	1852.1	1828.6	1802.0	1749.0	1678.5	1576.6	1437.2	1257.0
30°	2353.7	2451.4	2494.4	2555.5	2494.4	2451.4	2353.7	2230.8	2043.4	1821.8	1568.0
27.5°	3340.2	3511.9	3607.0	3695.3	3607.0	3511.9	3340.2	3128.6	2755.7	2443.6	2019.8
25°	5026.2	5356.9	5571.0	5672.1	5571.0	5356.9	5026.2	4597.7	4008.1	3444.7	2749.8
22.5°	7819.1	8428.8	8899.1	8993.4	8899.1	8428.8	7819.1	6898.3	5946.6	4958.4	3889.4
20°	12156.0	13028.4	13738.2	14095.5	13738.2	13028.4	12156.0	10592.5	8980.8	7306.7	5734.7
17.5°	20149.0	21963.6	22792.5	22928.6	22792.5	21963.6	20149.0	17196.3	14717.2	11877.7	8744.5
15°	32040.2	35110.8	37060.2	38315.3	37060.2	35110.8	32040.2	26996.7	22296.4	17846.1	12963.0
12.5°	45607.8	54332.9	59297.7	61190.5	59297.7	54332.9	45607.8	37655.2	30015.5	23308.4	17193.9
10°	64022.0	84562.2	96410.7	102373.0	96410.7	84562.2	64022.0	51012.7	38800.0	28874.0	20748.7
7.5°	95275.1	126999.9	162149.7	178411.5	162149.7	126999.9	95275.1	65127.1	48038.4	34888.3	24730.4
5°	128129.7	197784.5	258921.1	288197.3	258921.1	197784.5	128129.7	86812.7	57852.2	40233.5	28217.1
2.5°	165890.9	259827.0	346678.5	383197.6	346678.5	259827.0	165890.9	102680.2	65107.8	43415.3	30189.8
0°	180423.9	289844.6	384831.4	420675.8	384831.4	289844.6	180423.9	106095.0	66417.3	44557.2	30550.7
-2.5°	168137.6	264377.8	348170.7	389127.8	348170.7	264377.8	168137.6	102281.2	65699.8	44514.3	30839.0
-5°	133594.0	198874.6	260931.2	294305.7	260931.2	198874.6	133594.0	90019.7	60049.2	41828.8	29225.5
-7.5°	98049.7	133587.8	168051.8	180103.3	168051.8	133587.8	98049.7	69337.1	50775.4	36941.1	26552.0
-10°	68264.1	88614.5	102047.8	105881.3	102047.8	88614.5	68264.1	54520.6	41909.4	31657.1	23022.7
-12.5°	50611.0	59512.2	65705.6	66782.4	65705.6	59512.2	50611.0	42107.9	33393.4	26193.1	19802.4
-15°	37476.2	42002.8	45197.1	45412.0	45197.1	42002.8	37476.2	32330.6	26501.0	21034.1	15907.6
-17.5°	27395.3	30433.7	32045.7	31930.9	32045.7	30433.7	27395.3	23715.0	20260.4	16098.2	12330.9
-20°	19589.2	21420.7	22719.5	22465.6	22719.5	21420.7	19589.2	17138.5	14752.1	11825.6	9339.7



REPORT NUMBER: P627978 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-727-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	13659.0	14874.8	15635.9	15440.1	15635.9	14874.8	13659.0	11976.6	10323.1	8643.4	6825.4
-25°	9281.1	9943.5	10320.5	10257.8	10320.5	9943.5	9281.1	8322.0	7187.3	6164.8	4966.5
-27.5°	6324.5	6674.4	6791.2	6785.1	6791.2	6674.4	6324.5	5740.4	4959.2	4443.2	3813.0
-30°	4389.7	4624.9	4759.3	4674.8	4759.3	4624.9	4389.7	4087.2	3680.4	3348.7	2985.0
-32.5°	3271.8	3404.4	3481.1	3401.5	3481.1	3404.4	3271.8	3104.9	2889.0	2655.7	2402.9
-35°	2578.4	2645.5	2672.5	2626.8	2672.5	2645.5	2578.4	2475.7	2336.7	2179.6	2004.6
-37.5°	2102.2	2141.5	2154.9	2128.1	2154.9	2141.5	2102.2	2040.8	1956.5	1854.5	1738.9
-40°	1781.3	1805.4	1811.3	1789.8	1811.3	1805.4	1781.3	1744.8	1693.7	1631.4	1550.4
-42.5°	1558.6	1573.0	1576.3	1567.2	1576.3	1573.0	1558.6	1535.2	1498.2	1450.0	1395.0
-45°	1392.9	1405.2	1407.5	1398.0	1407.5	1405.2	1392.9	1374.6	1343.7	1302.2	1253.5
-47.5°	1258.7	1266.4	1268.3	1264.4	1268.3	1266.4	1258.7	1247.0	1223.4	1187.3	1144.6
-50°	1156.1	1161.3	1161.8	1157.6	1161.8	1161.3	1156.1	1147.7	1129.1	1093.7	1053.0
-52.5°	1070.1	1073.7	1076.2	1077.4	1076.2	1073.7	1070.1	1063.4	1049.3	1016.0	980.4
-55°	997.7	1002.4	1005.2	1006.2	1005.2	1002.4	997.7	991.1	981.6	950.0	914.8
-57.5°	936.1	940.4	943.0	943.9	943.0	940.4	936.1	930.1	922.4	892.0	858.1
-60°	871.8	877.1	880.4	881.5	880.4	877.1	871.8	864.8	856.3	829.8	798.1
-62.5°	787.1	789.4	791.6	792.5	791.6	789.4	787.1	782.5	775.7	754.7	726.3
-65°	703.9	708.7	711.4	712.3	711.4	708.7	703.9	697.0	687.8	669.4	643.6
-67.5°	613.8	620.0	626.6	632.2	626.6	620.0	613.8	605.9	596.1	580.5	558.3
-70°	532.2	540.1	542.6	543.2	542.6	540.1	532.2	523.0	512.6	498.8	479.9
-72.5°	453.0	460.4	466.7	471.9	466.7	460.4	453.0	444.5	434.9	423.0	406.7
-75°	373.8	380.7	382.4	382.9	382.4	380.7	373.8	365.9	357.1	346.6	332.2
-77.5°	294.6	300.9	302.3	302.7	302.3	300.9	294.6	287.6	280.0	271.7	261.0
-80°	217.9	221.4	226.7	231.5	226.7	221.4	217.9	213.9	209.6	204.7	197.2
-82.5°	150.0	150.8	151.2	151.4	151.2	150.8	150.0	148.7	147.1	144.8	138.3
-85°	94.8	97.5	97.8	97.9	97.8	97.5	94.8	91.9	89.0	85.9	82.6
-87.5°	44.1	44.3	44.5	44.5	44.5	44.3	44.1	43.8	43.4	43.0	40.3
-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: P627978 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-727-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
65°	2.2	1.6	0.1	0.0	0.0	0.1	0.5	0.0	0.0	0.3	2.4
62.5°	9.1	9.8	10.1	9.2	6.9	4.3	5.2	6.2	4.3	0.8	3.0
60°	33.5	21.3	30.2	33.2	29.2	20.9	21.4	19.9	16.4	13.1	8.7
57.5°	109.8	106.1	87.0	75.2	71.6	63.5	52.2	41.6	36.7	29.6	20.9
55°	151.3	145.3	134.9	120.5	104.4	99.7	90.6	77.7	65.2	50.5	41.0
52.5°	186.1	187.7	181.7	164.6	150.1	140.6	128.1	115.9	100.7	86.4	67.4
50°	265.8	255.7	246.1	236.2	213.6	191.4	175.9	159.0	137.3	121.2	105.1
47.5°	339.4	324.3	314.1	301.1	275.2	251.9	227.4	203.6	176.6	151.4	135.5
45°	402.3	380.4	360.8	344.6	322.3	295.6	273.8	247.4	216.6	187.3	159.8
42.5°	466.3	433.0	406.5	390.1	363.1	335.7	311.1	290.8	257.3	223.1	195.4
40°	551.3	484.6	459.9	453.4	427.7	384.2	363.4	341.0	305.5	260.7	233.5
37.5°	691.5	602.3	558.5	535.7	512.3	467.0	426.5	397.2	365.3	314.8	275.9
35°	890.0	785.3	689.9	640.7	613.1	551.5	498.2	457.9	419.8	372.0	321.6
32.5°	1064.2	946.2	832.3	746.2	684.4	627.5	567.9	518.2	468.1	419.3	369.6
30°	1318.4	1121.3	964.3	843.1	763.5	693.0	629.7	569.7	513.1	461.6	411.6
27.5°	1663.8	1349.2	1135.9	965.3	846.7	762.8	690.8	620.6	556.1	500.7	449.4
25°	2171.8	1668.9	1350.0	1119.8	947.8	840.1	757.8	676.7	601.3	538.3	494.8
22.5°	2901.4	2214.4	1689.1	1286.9	1095.1	958.6	837.0	735.0	649.5	593.2	541.7
20°	4157.9	2964.2	2187.6	1671.3	1318.1	1099.0	932.7	813.0	725.6	653.1	589.2
17.5°	6305.7	4368.9	2832.6	2152.1	1649.4	1309.0	1069.3	910.2	800.3	713.4	637.1
15°	8937.6	5995.9	3959.7	2772.9	2021.4	1483.8	1197.5	1006.8	876.8	776.5	685.3
12.5°	11678.4	7544.3	4893.4	3244.4	2287.5	1670.1	1332.1	1116.9	953.3	822.1	717.2
10°	14059.6	9135.3	5834.3	3801.5	2588.3	1849.1	1438.6	1186.3	999.0	854.9	744.2
7.5°	16690.3	10762.4	6700.4	4209.3	2836.8	1992.5	1510.6	1232.9	1036.7	882.3	766.4
5°	18639.4	12004.5	7433.1	4581.3	3023.6	2102.0	1566.8	1266.3	1066.3	904.1	784.1
2.5°	19947.1	12869.4	7893.0	4837.3	3139.1	2185.9	1611.9	1297.5	1089.2	926.3	803.6
0°	20355.3	12955.8	8245.4	4995.3	3214.5	2261.7	1647.3	1326.7	1104.1	943.9	819.2
-2.5°	20479.9	13104.4	8210.2	5030.0	3240.4	2302.2	1662.3	1332.2	1115.7	950.5	821.4
-5°	19666.5	12720.4	8026.1	4994.6	3220.8	2301.6	1687.3	1341.9	1122.3	952.8	819.5
-7.5°	18237.4	11890.5	7544.2	4768.3	3127.6	2264.9	1705.3	1354.5	1128.4	959.7	825.9
-10°	16064.1	10559.2	6795.1	4388.6	2972.1	2194.5	1688.8	1347.6	1124.5	958.5	827.3
-12.5°	13877.7	9067.8	5824.9	3856.9	2718.4	2064.4	1625.3	1320.0	1110.4	948.7	823.4
-15°	11101.2	7589.7	5105.6	3492.1	2489.9	1924.2	1544.9	1276.8	1086.6	931.0	814.1
-17.5°	8916.4	6156.9	4181.8	2995.1	2269.5	1801.1	1482.4	1241.8	1058.6	913.2	801.5
-20°	6859.1	4849.3	3540.8	2635.3	2042.7	1649.5	1397.7	1190.2	1026.3	894.5	789.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627978 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-727-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5169.2	3927.4	2938.8	2265.1	1831.4	1532.2	1312.9	1132.7	987.2	868.0	773.9
-25°	4016.3	3132.5	2457.9	2000.8	1645.1	1403.1	1234.1	1087.1	956.1	841.6	755.2
-27.5°	3176.3	2543.4	2109.5	1754.8	1494.1	1315.5	1170.4	1039.8	922.7	821.8	736.1
-30°	2572.0	2161.2	1826.8	1560.9	1375.0	1225.6	1108.7	999.6	891.5	796.2	715.6
-32.5°	2106.9	1854.4	1603.1	1412.3	1257.9	1143.4	1048.3	956.3	853.4	769.9	694.2
-35°	1804.0	1620.4	1441.9	1289.8	1159.6	1072.4	987.8	901.6	817.9	740.2	669.7
-37.5°	1593.3	1443.4	1308.9	1186.3	1089.5	1007.4	933.1	857.0	780.9	709.7	644.6
-40°	1429.0	1301.7	1195.6	1102.3	1024.7	954.5	886.9	816.7	749.0	677.6	617.4
-42.5°	1294.8	1194.3	1102.5	1030.9	965.0	905.2	845.7	784.5	718.1	650.4	587.0
-45°	1184.2	1105.1	1028.3	964.8	908.6	858.2	812.6	751.4	686.5	618.9	554.5
-47.5°	1091.3	1026.0	961.9	902.8	856.4	812.8	768.9	714.9	646.7	583.0	528.0
-50°	1009.0	956.4	902.1	847.7	806.9	767.0	720.7	664.2	605.4	553.0	501.2
-52.5°	942.7	895.2	847.9	802.2	762.4	720.5	670.8	622.1	571.9	522.6	475.0
-55°	875.7	836.9	799.0	761.4	724.0	680.6	634.9	586.4	537.2	491.2	442.6
-57.5°	822.8	787.3	753.1	719.1	685.5	642.7	596.1	548.7	498.0	451.5	405.8
-60°	766.7	735.9	702.1	669.0	637.3	599.3	548.7	499.9	453.1	409.0	364.8
-62.5°	696.9	666.8	637.5	605.6	572.2	534.6	488.6	443.6	403.1	364.7	325.0
-65°	616.8	589.1	560.7	529.3	494.3	455.6	416.4	383.4	352.2	319.5	284.6
-67.5°	534.7	509.7	480.5	448.9	418.8	387.7	359.6	331.3	302.1	272.1	240.8
-70°	460.5	440.5	416.8	389.3	360.6	331.5	304.7	278.4	251.3	226.2	202.1
-72.5°	389.4	371.1	349.7	324.5	299.2	274.9	252.2	230.8	209.7	188.9	167.5
-75°	317.2	301.9	284.9	264.5	244.0	223.6	204.8	187.5	169.7	151.4	133.3
-77.5°	250.1	238.8	226.5	210.4	194.4	178.4	162.5	146.9	132.2	118.4	105.8
-80°	189.1	180.7	171.3	158.5	145.7	132.9	120.4	109.7	99.7	90.5	81.6
-82.5°	131.7	125.0	118.0	109.0	100.0	91.0	82.3	75.8	69.4	63.3	57.3
-85°	79.1	75.5	71.6	66.5	61.5	56.9	52.5	48.9	45.2	41.5	37.7
-87.5°	37.6	34.9	32.3	31.6	30.8	30.0	29.1	26.5	23.8	21.3	18.9
-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: P627978 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-727-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.8	0.2	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	2.0	1.9	0.6
70°	0.0	0.0	0.0	0.8	0.9	0.0	0.0	1.2	3.3	3.7	2.7
67.5°	0.0	0.0	0.0	1.9	3.0	2.5	0.6	1.5	3.6	5.7	5.0
65°	3.0	2.1	0.2	2.3	4.4	5.8	4.3	2.7	3.9	6.0	7.4
62.5°	5.2	6.7	5.0	3.7	4.9	7.0	8.2	5.6	4.6	6.3	8.3
60°	5.8	8.0	9.0	7.0	6.2	7.5	8.9	8.2	6.4	6.7	8.7
57.5°	15.6	10.1	10.1	9.6	8.1	8.2	8.9	8.9	7.9	7.5	8.9
55°	29.1	21.3	15.0	12.0	10.1	8.8	9.1	8.9	8.9	8.2	8.9
52.5°	50.6	36.7	26.9	18.2	13.5	10.1	10.1	8.9	8.9	8.7	8.9
50°	80.6	57.9	42.4	30.5	19.0	14.9	11.5	10.4	8.9	8.9	8.9
47.5°	117.8	86.5	61.9	44.7	31.3	20.2	15.8	12.3	8.9	8.9	8.9
45°	145.4	120.8	86.3	62.4	44.0	30.3	21.4	14.6	11.1	9.2	8.9
42.5°	172.5	150.2	117.5	80.0	60.5	41.8	27.3	19.7	13.5	9.8	9.2
40°	207.1	179.2	147.3	109.1	78.6	53.1	37.0	25.4	16.3	11.3	9.9
37.5°	242.8	211.6	176.7	137.1	99.1	70.4	46.9	31.3	20.5	14.4	10.8
35°	282.9	245.4	205.9	163.9	123.5	88.3	56.5	38.4	26.2	17.7	11.9
32.5°	323.4	277.8	233.1	189.9	146.2	106.7	70.0	47.6	31.6	21.2	13.1
30°	362.7	310.0	258.2	214.6	167.8	126.2	86.9	57.6	36.9	24.7	14.8
27.5°	398.3	341.5	282.4	236.7	189.5	144.5	103.9	68.4	41.9	28.7	17.7
25°	435.7	373.4	310.2	256.5	209.9	162.8	119.7	79.9	49.4	32.9	20.5
22.5°	478.1	405.7	336.9	274.2	231.4	180.8	134.8	93.5	58.3	36.9	23.4
20°	523.6	437.7	363.8	299.5	251.4	199.3	149.8	106.1	67.4	40.7	26.3
17.5°	570.3	472.7	396.2	328.3	271.3	216.6	164.1	117.6	76.6	44.3	29.0
15°	602.0	507.8	425.4	355.3	291.2	232.5	177.6	127.9	85.6	47.7	31.8
12.5°	628.5	538.1	451.1	380.2	310.9	247.1	190.1	137.3	94.4	52.2	34.5
10°	651.9	563.6	473.5	403.1	329.9	260.3	201.7	145.5	102.6	57.9	37.0
7.5°	672.1	584.6	492.8	423.7	348.0	273.6	211.3	152.7	109.6	63.7	39.2
5°	689.0	602.7	508.9	437.1	364.7	287.6	219.4	159.1	115.6	69.5	41.2
2.5°	702.5	619.2	522.7	446.8	379.4	300.5	226.2	164.6	120.6	75.0	43.0
0°	712.3	632.2	534.3	454.1	391.8	311.7	231.5	169.2	124.7	80.1	44.5
-2.5°	718.8	634.3	546.5	462.5	399.2	321.0	242.3	174.9	128.0	84.7	47.2
-5°	721.6	634.1	555.7	468.9	404.6	328.4	251.4	179.7	130.6	88.6	49.6
-7.5°	725.6	637.0	560.7	474.0	408.3	334.2	258.3	183.2	132.5	91.8	51.8
-10°	727.1	640.1	561.9	480.3	411.2	338.3	262.9	185.4	134.0	94.2	53.7
-12.5°	725.0	639.8	561.6	483.8	412.6	340.7	265.2	188.9	135.3	95.6	55.4
-15°	719.3	636.0	560.2	484.2	412.4	341.7	266.0	192.1	138.0	96.0	56.7
-17.5°	710.4	628.6	558.2	481.2	410.7	341.1	265.2	193.5	139.4	95.3	58.1
-20°	701.6	621.9	555.2	474.8	407.6	339.3	262.9	193.2	139.4	93.9	59.3

Classified

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Scaled Data Report



REPORT NUMBER: P627978 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-727-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	690.0	615.6	545.3	468.3	403.2	336.1	259.2	191.0	137.8	91.8	60.0
-25°	675.4	605.9	534.1	463.3	397.6	329.8	254.9	186.8	134.6	88.9	60.3
-27.5°	660.8	592.9	522.2	456.4	389.8	322.2	249.2	182.8	130.0	85.4	60.1
-30°	643.8	578.2	511.8	446.9	379.0	311.3	241.0	176.7	125.2	83.6	59.4
-32.5°	625.2	563.5	500.1	432.6	365.5	299.2	230.6	168.3	119.6	82.5	58.7
-35°	606.5	547.0	485.9	414.7	350.8	286.1	220.0	157.6	113.3	80.8	57.9
-37.5°	584.5	526.6	462.9	395.5	335.2	272.1	210.1	151.5	106.2	78.5	56.9
-40°	559.4	501.6	436.7	377.5	318.7	257.2	199.5	146.0	101.7	75.5	55.5
-42.5°	531.3	473.6	415.6	359.2	301.5	244.5	188.5	139.1	99.6	73.1	53.9
-45°	502.4	448.3	395.9	340.2	284.1	231.3	179.2	131.5	96.5	70.9	52.2
-47.5°	475.4	426.8	374.4	319.8	269.0	217.8	168.4	126.4	92.3	68.5	50.5
-50°	452.6	403.3	350.8	299.1	251.2	204.0	157.3	119.9	88.8	65.9	48.3
-52.5°	426.4	376.5	325.2	276.2	232.3	188.6	147.7	112.0	83.9	62.6	45.7
-55°	395.1	345.6	296.5	253.6	212.5	173.9	136.5	103.9	77.6	58.9	42.6
-57.5°	358.5	310.6	270.3	231.3	192.8	157.6	124.0	94.1	72.0	54.6	39.2
-60°	321.1	282.2	245.3	207.3	171.8	139.9	109.8	84.3	66.2	49.9	35.5
-62.5°	287.7	252.2	215.9	181.1	150.1	121.2	95.1	76.7	59.9	44.8	31.3
-65°	250.2	216.6	184.2	155.6	128.0	103.8	85.4	68.5	53.1	39.2	27.6
-67.5°	210.0	183.2	155.8	129.8	109.4	91.6	75.0	59.7	45.8	33.3	25.3
-70°	177.5	152.4	130.0	111.5	94.5	78.7	63.9	50.4	38.1	29.7	22.8
-72.5°	146.5	127.1	109.4	93.6	78.9	65.2	52.4	41.3	33.1	26.0	20.1
-75°	116.7	102.7	88.7	75.1	62.7	51.4	43.0	34.8	28.0	22.1	17.6
-77.5°	93.5	80.9	68.2	58.5	50.9	43.2	35.4	28.0	23.2	19.2	15.2
-80°	71.9	63.2	55.5	48.9	41.9	34.8	28.8	23.6	20.0	16.3	12.7
-82.5°	51.7	47.1	43.0	39.1	33.6	28.6	24.0	20.0	16.7	13.4	9.9
-85°	35.2	33.0	31.0	29.2	25.5	22.1	18.4	15.0	11.9	9.1	6.6
-87.5°	18.0	17.2	16.3	15.3	13.1	11.1	9.2	7.5	6.0	4.6	3.3
-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-SA6E-727-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.2	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.4	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.6	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.8	0.0
77.5°	0.1	0.2	0.0	0.0	0.1	1.0	0.0
75°	0.2	0.7	0.1	0.0	0.2	1.2	0.0
72.5°	0.5	1.3	1.0	0.0	0.2	1.4	0.0
70°	1.0	2.0	1.8	0.2	0.4	1.6	0.0
67.5°	3.1	2.7	2.7	1.0	0.5	1.8	0.0
65°	5.1	3.8	3.6	1.9	0.7	2.1	0.0
62.5°	7.0	5.1	4.6	2.8	0.9	2.3	0.0
60°	8.7	6.2	5.6	3.8	1.2	2.5	0.0
57.5°	8.9	7.3	6.3	4.7	1.9	2.8	0.0
55°	8.9	8.2	6.9	5.6	2.7	3.0	0.0
52.5°	8.9	8.9	7.4	6.6	3.4	3.3	0.0
50°	8.9	8.9	7.9	7.6	4.0	3.5	0.0
47.5°	8.9	8.9	8.2	8.4	4.6	3.8	0.0
45°	8.9	8.9	8.6	8.7	5.2	4.1	0.0
42.5°	8.9	8.9	8.8	8.8	5.7	4.3	0.0
40°	8.9	8.9	8.9	8.9	6.2	4.6	0.0
37.5°	8.9	8.9	8.9	8.9	6.7	4.9	0.0
35°	8.9	8.9	8.9	8.9	7.0	5.2	0.0
32.5°	9.2	8.9	8.9	8.9	7.4	5.5	0.0
30°	10.1	8.9	8.9	8.9	7.7	5.8	0.0
27.5°	11.1	8.9	8.9	8.9	8.0	6.1	0.0
25°	12.1	8.9	8.9	8.9	8.2	6.4	0.0
22.5°	13.2	9.1	8.9	8.9	8.4	6.6	0.0
20°	14.4	9.7	8.9	8.9	8.5	6.9	0.0
17.5°	16.0	10.5	8.9	8.9	8.7	7.2	0.0
15°	17.8	11.4	8.9	8.9	8.7	7.5	0.0
12.5°	19.5	12.4	8.9	8.9	8.8	7.7	0.0
10°	21.1	13.5	8.9	8.9	8.9	8.0	0.0
7.5°	22.7	14.6	8.9	8.9	8.9	8.2	0.0
5°	24.1	15.7	8.9	8.9	8.9	8.5	0.0
2.5°	25.5	16.8	8.9	8.9	8.9	8.7	0.0
0°	26.7	17.8	8.9	8.9	8.9	8.9	0.0
-2.5°	29.0	18.7	9.7	8.9	8.9	8.9	0.0
-5°	31.2	19.6	10.4	8.9	8.9	8.9	0.0
-7.5°	33.2	20.4	11.2	8.9	8.9	8.8	0.0
-10°	34.9	21.0	11.8	8.9	8.9	8.8	0.0
-12.5°	36.4	21.6	12.4	8.9	8.9	8.7	0.0
-15°	37.5	22.1	12.9	8.9	8.9	8.6	0.0
-17.5°	38.2	22.5	13.3	8.9	8.9	8.5	0.0
-20°	38.8	22.8	13.5	8.9	8.9	8.4	0.0

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CATALOG NUMBER: GFLD-SA6E-727-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	39.2	23.0	13.7	8.9	8.9	8.2	0.0
-25°	39.5	23.6	13.6	8.9	8.9	8.1	0.0
-27.5°	39.5	24.2	13.4	8.9	8.9	7.9	0.0
-30°	39.3	24.6	13.1	8.9	8.9	7.7	0.0
-32.5°	38.8	24.8	13.0	8.9	8.9	7.5	0.0
-35°	38.7	24.7	12.9	8.9	8.9	7.3	0.0
-37.5°	38.6	24.5	12.6	8.9	8.9	7.1	0.0
-40°	38.1	24.0	12.1	8.9	8.9	6.8	0.0
-42.5°	37.3	23.3	12.0	9.0	8.9	6.6	0.0
-45°	36.1	22.3	12.3	9.2	8.9	6.3	0.0
-47.5°	34.7	21.1	12.5	9.4	8.9	6.0	0.0
-50°	32.9	19.7	12.6	9.5	8.9	5.7	0.0
-52.5°	30.8	18.1	12.7	9.6	8.9	5.4	0.0
-55°	28.5	17.6	12.6	9.6	8.9	5.1	0.0
-57.5°	25.8	17.2	12.4	9.6	8.9	4.8	0.0
-60°	23.1	16.7	12.2	9.6	8.9	4.4	0.0
-62.5°	21.9	16.0	11.8	9.5	8.2	4.1	0.0
-65°	20.5	15.1	11.4	9.3	7.5	3.8	0.0
-67.5°	19.0	14.2	10.9	9.2	6.8	3.4	0.0
-70°	17.3	13.1	10.3	8.9	6.1	3.0	0.0
-72.5°	15.4	11.9	9.7	8.0	5.3	2.7	0.0
-75°	13.4	10.7	9.0	6.9	4.6	2.3	0.0
-77.5°	11.3	9.4	7.7	5.8	3.8	1.9	0.0
-80°	9.2	7.7	6.2	4.6	3.1	1.5	0.0
-82.5°	6.9	5.8	4.6	3.5	2.3	1.2	0.0
-85°	4.6	3.8	3.1	2.3	1.5	0.8	0.0
-87.5°	2.3	1.9	1.5	1.2	0.8	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)