

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: P627062 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2E-750-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627062 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-7)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2E-750-U-WR-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (32) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13081.5 lumens
Efficiency: N/A
Efficacy: 104.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 5H x 5V
Max Intensity: 14828 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 50.9°H x 47.1°V
Beam Lumens: 6298.1 lumens
Beam Efficiency: 48.1%

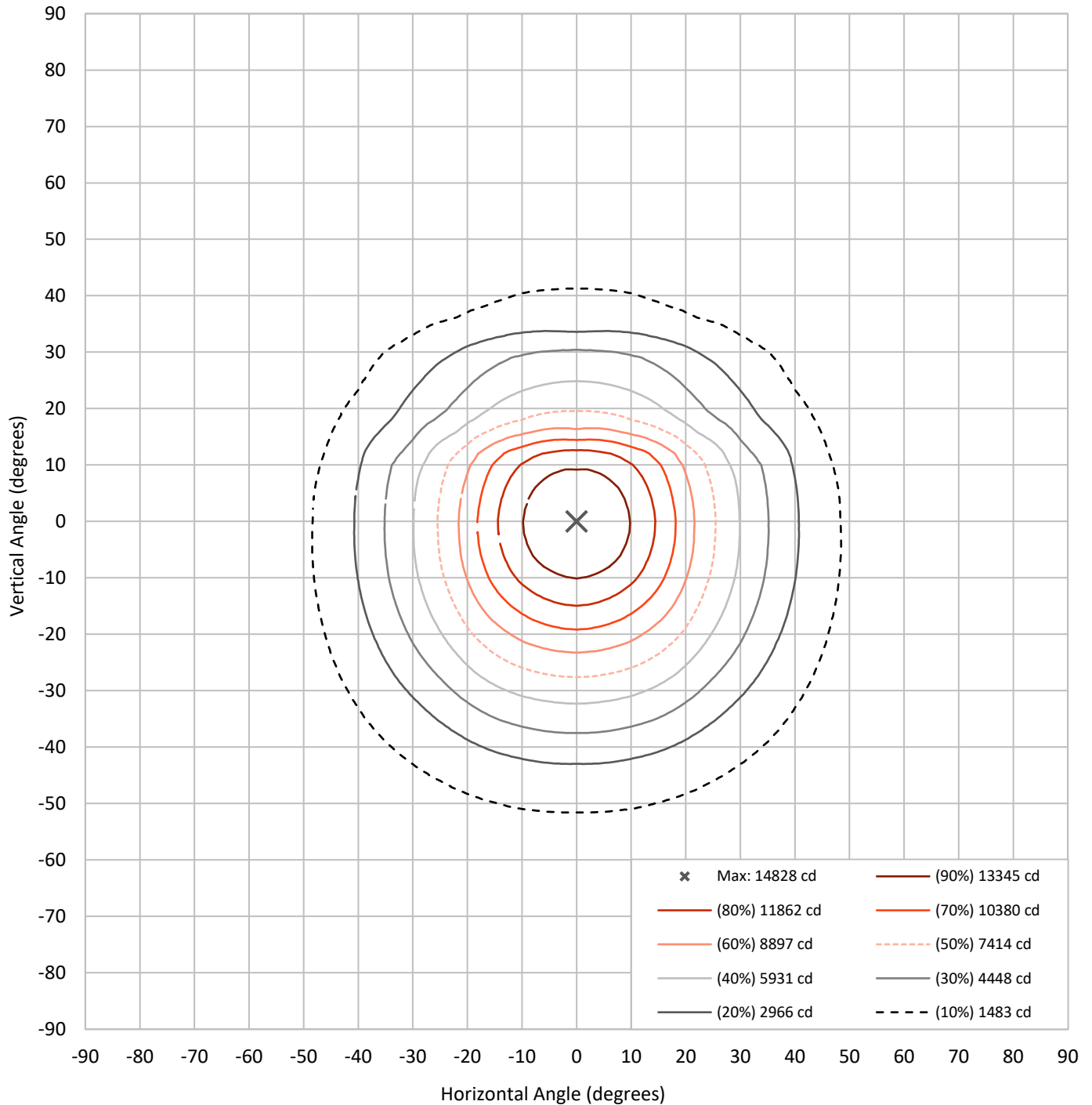
Field Angle (10%): 96.7°H x 92.9°V
Field Lumens: 11712.4 lumens
Field Efficiency: 89.5%

Input Watts (W): 125.7
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



REPORT NUMBER: P627062 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-750-U-WR-VSR-XX

Iso-Candela Plot





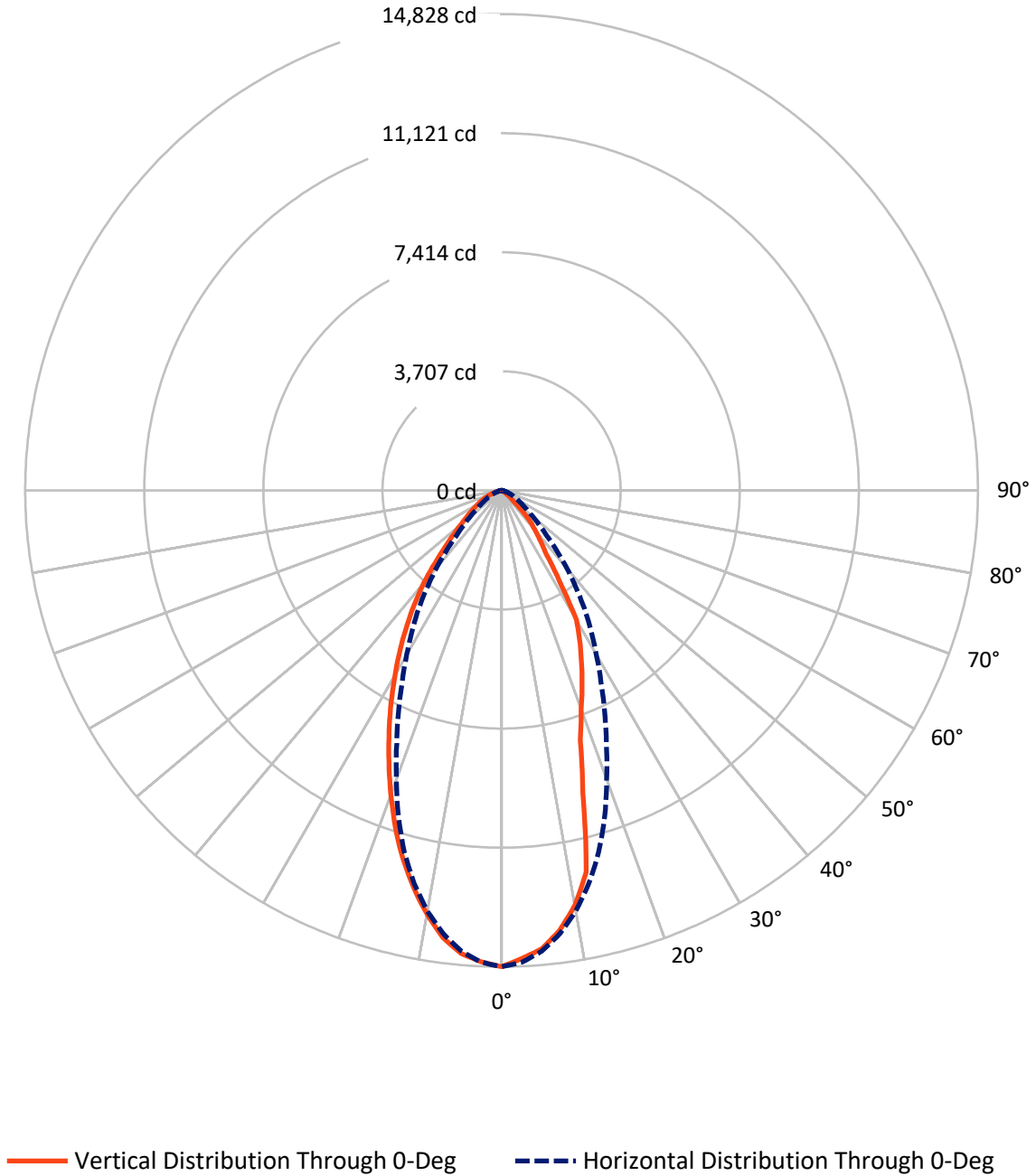
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Lumen Table

90																			
80	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
70																			
60	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	
50		0.3	0.7	1.2	2.1	3.0	4.1	4.6	4.6	4.1	3.0	2.1	1.2	0.7	0.3				
40	0.6	1.0	2.5	5.3	9.7	16.0	23.0	28.3	28.3	23.0	16.0	9.7	5.3	2.5	1.0			0.6	
30		2.0	5.1	11.8	24.4	44.9	68.6	82.5	82.5	68.6	44.9	24.4	11.8	5.1	2.0				
20	1.4	3.1	8.3	21.5	50.8	95.4	145.2	175.0	175.0	145.2	95.4	50.8	21.5	8.3	3.1			1.4	
10		4.2	11.8	33.7	83.6	154.6	241.6	298.6	298.6	241.6	154.6	83.6	33.7	11.8	4.2				
0	2.0	4.9	14.8	43.6	109.8	204.6	328.5	416.5	416.5	328.5	204.6	109.8	43.6	14.8	4.9			2.0	
-10		5.2	15.4	45.0	111.4	207.6	331.8	419.1	419.1	331.8	207.6	111.4	45.0	15.4	5.2				
-20	2.2	5.1	14.6	40.0	98.7	182.3	280.9	346.7	346.7	280.9	182.3	98.7	40.0	14.6	5.1			2.2	
-30		4.7	12.7	31.4	73.6	137.4	204.8	245.5	245.5	204.8	137.4	73.6	31.4	12.7	4.7				
-40	1.8	4.1	10.3	22.6	46.3	85.2	128.6	153.1	153.1	128.6	85.2	46.3	22.6	10.3	4.1			1.8	
-50		3.4	7.9	15.6	27.8	44.6	64.0	76.2	76.2	64.0	44.6	27.8	15.6	7.9	3.4				
-60	1.2	2.6	5.8	10.4	17.0	24.5	31.6	35.8	35.8	31.6	24.5	17.0	10.4	5.8	2.6			1.2	
-70		1.9	3.9	6.4	9.9	13.4	16.5	18.0	18.0	16.5	13.4	9.9	6.4	3.9	1.9				
-80	0.3	3.7	9.6	17.2	15.7	17.2	9.6	3.7	0.3										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

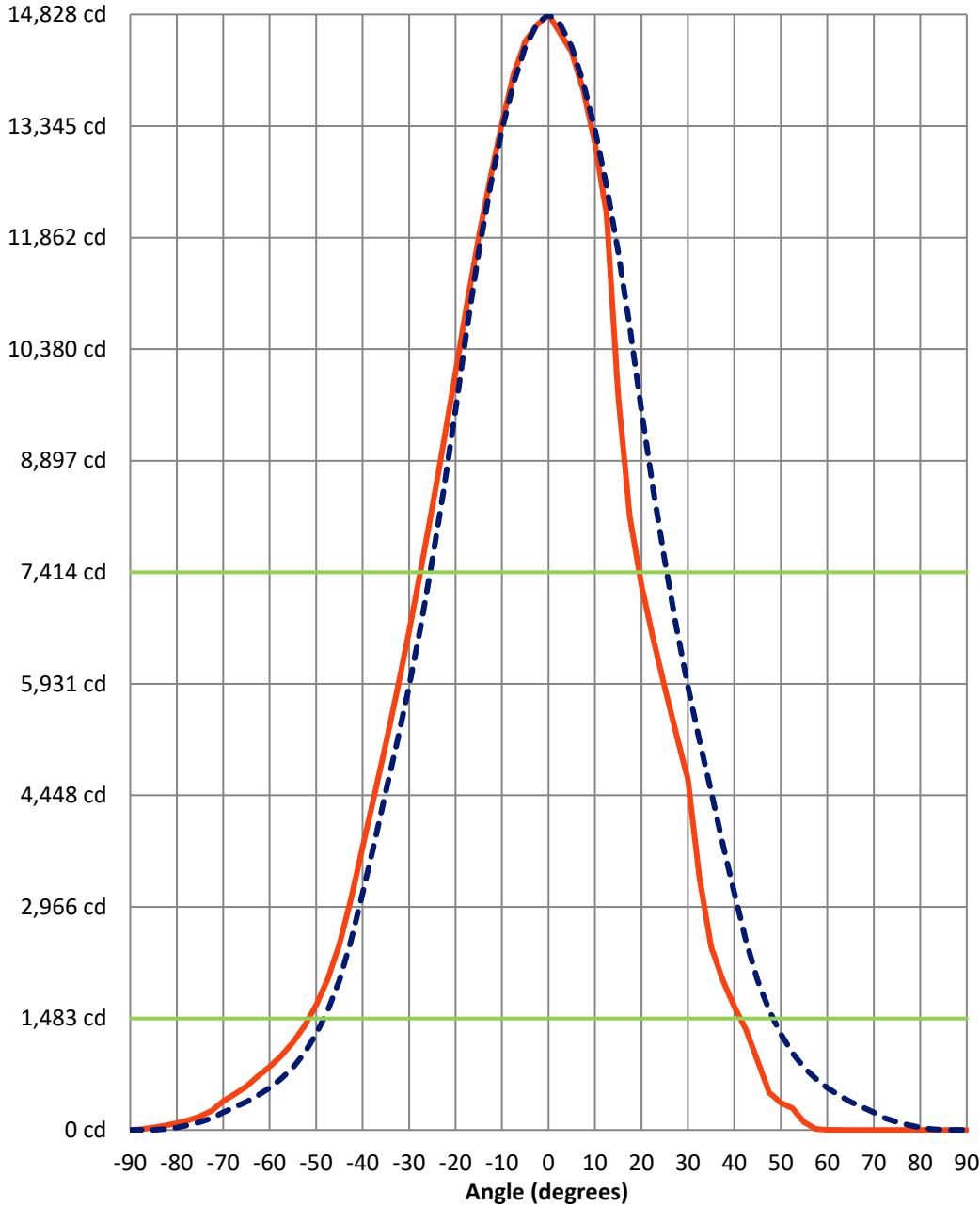
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 6298.1
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 11712.4
 Efficiency: 89.5%

Spill:
 Lumens: 1369.1
 Efficiency: 10.5%

- 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	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5
85°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.8	0.9
82.5°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.1	1.1	1.1
80°	0.0	0.2	0.4	0.6	0.8	0.9	1.1	1.1	1.1	1.1	1.1
77.5°	0.0	0.2	0.5	0.7	0.9	1.1	1.1	1.1	1.1	1.1	1.1
75°	0.0	0.3	0.6	0.9	1.1	1.1	1.1	1.1	1.1	1.1	1.1
72.5°	0.0	0.3	0.7	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1
70°	0.0	0.4	0.8	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2
67.5°	0.0	0.4	0.8	1.1	1.1	1.1	1.2	1.1	1.1	1.4	1.4
65°	0.0	0.5	0.9	1.1	1.1	1.2	1.3	1.1	1.6	1.8	2.1
62.5°	0.0	0.5	1.0	1.1	1.1	1.5	1.5	1.5	2.0	2.9	4.4
60°	0.0	0.5	1.1	1.1	1.1	1.7	1.7	2.0	2.6	7.0	7.6
57.5°	0.0	0.6	1.1	1.1	1.4	2.0	2.9	2.8	6.9	11.8	13.0
55°	0.0	0.6	1.1	1.1	1.7	2.3	4.4	4.1	12.7	17.8	20.1
52.5°	0.0	0.7	1.1	1.1	2.0	2.9	6.1	10.0	18.9	26.4	28.5
50°	0.0	0.7	1.2	1.1	2.4	4.8	8.1	16.5	26.4	36.0	43.5
47.5°	0.0	0.7	1.2	1.2	2.7	6.7	10.8	23.1	36.3	46.5	59.0
45°	0.0	0.8	1.2	1.5	3.1	8.8	16.5	29.7	46.2	60.3	74.4
42.5°	0.0	0.8	1.3	1.7	3.5	11.0	22.2	37.5	56.1	73.8	91.4
40°	0.0	0.8	1.3	2.1	4.6	13.3	27.9	46.1	66.3	87.1	109.2
37.5°	0.0	0.9	1.3	2.6	6.4	15.8	33.6	54.5	77.4	100.7	127.4
35°	0.0	0.9	1.4	3.1	8.3	19.6	39.1	62.8	88.6	117.0	147.1
32.5°	0.0	0.9	1.4	3.6	10.1	24.0	45.0	71.0	99.8	133.7	169.4
30°	0.0	1.0	1.5	4.2	12.0	28.3	51.7	79.4	111.0	150.8	191.7
27.5°	0.0	1.0	1.5	4.8	14.1	32.5	58.1	88.5	123.2	168.1	214.2
25°	0.0	1.0	1.6	5.4	16.3	36.5	64.3	97.4	137.4	186.6	236.7
22.5°	0.0	1.0	1.6	6.0	18.3	40.4	70.2	106.1	151.4	205.3	259.5
20°	0.0	1.0	1.7	6.7	20.3	44.2	75.9	114.4	165.1	223.5	281.2
17.5°	0.0	1.0	1.7	7.4	22.3	47.8	81.1	122.5	178.5	241.3	301.8
15°	0.0	1.1	1.8	8.0	24.1	51.2	85.9	129.6	191.4	258.4	321.2
12.5°	0.0	1.1	1.8	8.7	25.9	54.3	90.3	135.6	202.2	274.7	339.3
10°	0.0	1.1	1.9	9.4	27.5	57.2	94.3	141.0	210.8	284.4	353.6
7.5°	0.0	1.1	2.0	10.0	29.0	59.7	97.9	145.6	218.3	291.7	361.1
5°	0.0	1.1	2.0	10.6	30.4	62.0	101.0	149.7	224.7	297.5	367.1
2.5°	0.0	1.1	2.1	11.2	31.7	64.0	103.7	153.0	230.0	301.9	371.7
0°	0.0	1.1	2.1	11.7	32.8	65.7	105.9	155.7	234.1	305.0	374.9
-2.5°	0.0	1.2	2.4	12.4	34.3	67.8	108.8	160.2	238.7	309.4	379.9
-5°	0.0	1.2	2.7	13.1	35.6	69.5	111.2	163.9	242.0	312.6	383.4
-7.5°	0.0	1.3	3.0	13.7	36.8	70.9	113.1	166.9	244.1	314.6	385.5
-10°	0.0	1.3	3.3	14.2	37.7	72.0	114.4	169.0	245.1	315.4	386.2
-12.5°	0.0	1.4	3.6	14.7	38.4	72.6	115.2	170.2	244.8	314.9	384.4
-15°	0.0	1.5	3.9	15.1	38.8	73.0	115.5	170.4	243.0	312.1	380.6
-17.5°	0.0	1.5	4.1	15.4	39.1	72.9	115.1	170.1	239.8	308.4	375.5
-20°	0.0	1.5	4.3	15.5	39.0	72.5	114.8	169.3	235.9	303.8	368.9

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Scaled Data Report



REPORT NUMBER: P627062 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-750-U-WR-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	1.6	4.5	15.6	38.7	71.7	114.9	167.7	231.2	298.3	360.9
-25°	0.0	1.6	4.7	15.6	38.1	71.4	114.3	165.5	225.9	291.9	351.5
-27.5°	0.0	1.6	4.8	15.5	37.2	71.1	113.3	162.6	220.0	284.6	342.8
-30°	0.0	1.6	5.0	15.3	36.2	70.4	111.6	159.0	214.8	276.3	333.5
-32.5°	0.0	1.6	5.0	15.0	35.7	69.2	109.4	156.0	209.7	267.7	323.5
-35°	0.0	1.6	5.1	14.5	35.0	67.5	107.2	152.7	203.9	258.7	312.9
-37.5°	0.0	1.6	5.1	14.0	33.9	65.7	104.8	148.8	197.4	249.6	300.4
-40°	0.0	1.6	5.1	13.3	32.6	64.1	101.8	144.2	190.3	241.0	287.0
-42.5°	0.0	1.6	5.0	12.7	31.6	62.1	98.1	139.0	183.7	229.9	272.8
-45°	0.0	1.6	5.0	12.2	31.0	59.7	94.0	133.5	176.9	218.0	258.1
-47.5°	0.0	1.5	4.9	11.5	30.0	56.8	89.2	127.9	169.3	205.7	244.4
-50°	0.0	1.5	4.7	11.3	28.8	53.6	85.1	121.6	159.4	194.5	230.3
-52.5°	0.0	1.4	4.5	11.2	27.2	50.0	80.6	114.6	149.5	182.8	216.0
-55°	0.0	1.4	4.3	10.9	25.3	47.1	75.6	107.1	139.2	170.7	202.5
-57.5°	0.0	1.3	4.1	10.4	23.1	43.9	70.2	100.5	128.5	158.4	188.6
-60°	0.0	1.2	3.8	9.9	20.7	40.2	64.4	92.5	117.5	145.6	174.2
-62.5°	0.0	1.1	3.6	9.2	19.3	36.2	58.7	83.6	106.6	132.4	159.3
-65°	0.0	1.1	3.3	8.3	17.6	31.7	52.5	74.3	95.0	118.4	144.0
-67.5°	0.0	1.0	3.0	7.4	15.8	27.8	45.8	64.9	82.8	103.7	126.9
-70°	0.0	0.9	2.7	6.4	13.7	24.4	38.6	55.2	71.2	88.2	108.5
-72.5°	0.0	0.8	2.4	5.6	11.5	20.7	32.8	45.1	59.2	74.2	89.9
-75°	0.0	0.7	2.1	4.9	9.1	16.8	26.9	36.8	47.0	59.9	73.4
-77.5°	0.0	0.6	1.8	4.2	7.6	12.6	20.8	28.9	37.3	46.2	56.5
-80°	0.0	0.5	1.4	3.4	6.1	9.7	14.4	20.9	27.8	35.0	42.6
-82.5°	0.0	0.3	1.1	2.6	4.6	7.3	10.6	14.0	18.1	23.6	29.5
-85°	0.0	0.2	0.7	1.7	3.1	4.9	7.1	9.4	11.9	14.8	17.8
-87.5°	0.0	0.1	0.4	0.9	1.6	2.5	3.6	4.7	6.0	7.4	9.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627062 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-750-U-WR-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°	0.5	0.5	0.6	0.6	0.7	0.7	0.7	0.8	0.8	0.8	0.9
85°	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
82.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
80°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
77.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
75°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
72.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
70°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.9
67.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.9	0.6
65°	1.1	1.1	1.5	1.6	1.2	1.1	1.1	1.1	1.2	1.0	1.0
62.5°	1.6	1.9	2.4	3.7	2.8	1.1	2.1	2.4	1.7	1.3	1.4
60°	4.6	3.2	8.1	11.3	7.4	3.9	4.8	9.6	7.9	2.1	5.6
57.5°	9.3	11.5	20.5	21.5	16.5	11.2	24.5	27.2	22.5	14.2	20.4
55°	19.5	27.3	34.6	34.2	34.4	43.3	50.9	49.9	44.0	60.7	76.5
52.5°	36.9	45.0	49.9	54.4	66.7	74.9	77.3	82.0	99.2	119.9	123.6
50°	54.1	62.6	68.9	85.0	97.7	104.2	110.2	126.0	152.1	166.3	168.6
47.5°	71.6	81.1	97.7	115.3	127.5	137.3	147.8	183.7	212.9	224.9	229.3
45°	89.8	106.2	126.9	145.0	159.2	172.5	206.5	255.5	276.1	294.6	341.7
42.5°	108.8	133.3	156.7	175.6	191.6	219.4	266.8	314.4	343.7	383.1	440.0
40°	132.9	160.4	187.5	206.8	226.7	268.8	327.6	377.9	408.9	461.7	526.5
37.5°	157.4	189.5	218.8	239.1	267.2	324.2	393.2	453.4	491.9	534.9	639.1
35°	181.5	219.3	249.3	276.6	311.3	389.8	474.8	541.9	589.5	663.1	794.9
32.5°	207.4	249.5	280.3	317.4	374.4	462.2	566.6	641.1	720.0	825.9	1037.0
30°	234.9	277.9	313.2	357.9	434.3	536.7	657.9	751.5	858.6	1030.6	1258.2
27.5°	262.3	306.1	349.7	406.4	490.3	601.1	727.6	875.1	1013.5	1205.9	1454.7
25°	288.6	335.0	385.4	454.0	544.7	660.6	798.8	968.9	1149.6	1369.6	1661.8
22.5°	313.7	364.2	423.2	496.9	590.6	717.2	881.9	1081.7	1298.8	1526.8	1862.5
20°	338.4	396.8	464.6	547.1	632.9	769.4	963.2	1205.1	1477.3	1789.6	2118.6
17.5°	362.8	429.1	507.3	599.0	702.9	842.6	1046.6	1334.6	1665.9	2072.3	2477.4
15°	386.6	460.7	548.6	650.3	773.6	940.6	1172.2	1488.8	1889.1	2375.8	2855.5
12.5°	409.8	491.3	588.2	700.3	842.2	1032.7	1290.7	1632.2	2090.8	2672.2	3261.6
10°	431.9	520.8	625.9	748.7	907.9	1118.5	1395.3	1756.2	2243.0	2842.2	3497.7
7.5°	443.2	540.7	658.0	794.6	969.8	1197.3	1486.4	1861.1	2361.9	2978.9	3636.1
5°	451.3	549.8	670.0	813.0	1003.8	1250.9	1556.1	1946.8	2449.6	3081.8	3729.9
2.5°	457.5	556.3	678.8	823.4	1017.3	1268.7	1579.2	1976.7	2496.6	3135.5	3784.6
0°	461.8	560.3	684.2	829.3	1024.2	1277.3	1589.8	1989.1	2516.5	3147.8	3804.4
-2.5°	466.3	565.8	689.9	838.5	1033.9	1289.1	1601.5	1997.9	2531.5	3151.2	3815.2
-5°	468.9	568.7	692.1	843.0	1037.1	1291.3	1600.7	1989.5	2519.6	3126.5	3791.9
-7.5°	469.7	569.0	690.9	842.1	1033.1	1281.3	1583.7	1964.7	2478.5	3076.4	3734.6
-10°	468.5	566.5	686.3	834.4	1021.4	1260.5	1553.5	1921.7	2411.0	2993.8	3637.8
-12.5°	465.1	561.2	678.2	822.0	1002.7	1230.9	1510.8	1860.3	2317.2	2878.9	3501.4
-15°	459.6	553.4	666.4	804.7	976.8	1192.8	1456.0	1780.7	2196.5	2732.9	3331.6
-17.5°	452.0	542.9	650.9	782.7	943.8	1146.6	1389.8	1687.5	2066.3	2569.9	3142.8
-20°	442.4	529.9	631.8	755.9	905.7	1097.9	1328.4	1604.9	1944.5	2383.3	2920.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627062 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-750-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	430.6	514.3	611.6	730.3	872.0	1047.3	1259.7	1511.4	1807.8	2167.6	2676.8
-25°	418.6	499.4	592.0	701.9	833.4	990.0	1181.0	1410.4	1678.8	2008.1	2429.1
-27.5°	406.7	482.3	569.3	669.0	790.2	930.9	1107.1	1316.2	1555.5	1835.5	2178.3
-30°	393.3	463.2	544.2	634.5	748.8	879.4	1031.7	1210.8	1423.6	1676.7	1974.7
-32.5°	378.6	442.6	520.0	604.7	704.4	823.3	955.1	1117.1	1302.2	1511.0	1768.6
-35°	364.0	425.1	495.1	572.7	656.8	768.1	889.2	1023.6	1181.1	1365.9	1571.9
-37.5°	350.1	406.0	468.4	540.8	619.7	712.1	819.1	940.4	1076.0	1223.1	1401.0
-40°	334.5	385.4	444.4	510.0	579.8	659.9	756.3	859.3	976.0	1105.4	1242.8
-42.5°	317.5	366.4	420.3	476.8	540.9	612.4	692.4	786.6	883.5	992.0	1111.9
-45°	300.9	345.8	395.1	446.7	500.6	563.8	636.4	714.8	800.7	889.2	990.0
-47.5°	283.4	324.4	370.3	415.2	463.0	516.9	578.5	649.6	721.3	800.1	878.3
-50°	265.8	304.3	342.9	384.8	427.6	472.5	524.6	585.9	651.2	716.5	785.3
-52.5°	250.1	283.4	318.3	354.2	393.2	433.2	476.6	527.1	584.2	641.8	701.1
-55°	234.1	264.8	293.6	325.8	359.5	395.5	434.2	476.7	519.8	572.2	623.2
-57.5°	218.4	245.7	270.7	298.1	328.1	358.7	393.6	429.7	468.8	508.5	550.2
-60°	202.7	225.9	248.6	272.3	297.5	324.7	352.7	384.5	418.0	452.5	488.6
-62.5°	186.4	205.2	225.2	247.0	269.1	290.0	313.6	339.6	367.3	396.8	427.4
-65°	168.3	183.8	200.5	219.5	240.3	257.1	275.2	294.7	317.6	341.9	366.0
-67.5°	148.9	162.7	176.3	190.3	207.2	222.3	237.1	252.7	269.8	289.7	309.0
-70°	127.3	141.1	153.0	164.7	175.4	186.2	198.7	211.0	224.8	242.6	260.2
-72.5°	105.3	118.2	129.6	139.5	147.0	153.4	161.1	170.1	183.3	199.8	215.3
-75°	85.2	95.6	106.2	115.7	120.6	122.5	124.1	128.8	142.1	159.2	174.2
-77.5°	66.4	75.4	84.1	92.3	95.8	97.1	97.7	97.7	107.6	122.1	137.3
-80°	48.9	55.2	62.5	69.6	71.7	72.3	72.4	71.9	80.0	90.4	101.6
-82.5°	34.0	38.5	43.2	48.0	48.7	48.3	47.6	46.9	53.4	60.9	68.7
-85°	19.8	21.7	24.5	27.5	27.8	27.7	27.2	26.3	30.0	34.0	38.4
-87.5°	9.9	10.8	11.8	12.7	12.4	11.9	11.3	10.5	11.5	12.6	13.6
-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: P627062 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-750-U-WR-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°	0.9	0.7	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.1	0.8	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.1	0.8	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.1	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	1.1	0.9	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	1.1	0.9	0.6	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1.1	1.0	0.7	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.5	0.6	0.6	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.1	1.1	0.8	0.5	0.3	0.2	0.3	0.2	0.1	0.0	0.0
62.5°	1.4	1.4	1.0	0.9	1.0	1.1	0.9	0.8	0.7	0.8	0.9
60°	6.0	3.5	3.5	4.5	3.8	1.8	3.5	4.4	4.1	3.1	2.7
57.5°	30.4	25.5	17.8	29.8	30.7	21.4	23.2	30.2	29.3	22.7	22.6
55°	76.6	77.7	83.5	91.0	96.6	99.1	101.4	112.8	124.9	136.8	142.8
52.5°	126.5	141.3	159.8	171.9	180.4	197.9	222.3	233.5	244.4	256.8	265.7
50°	186.3	212.1	230.5	233.2	262.2	281.1	285.6	306.6	329.5	343.8	354.0
47.5°	277.2	309.7	325.8	336.1	371.4	410.2	410.2	422.3	479.7	509.7	524.2
45°	399.3	426.4	454.9	528.9	596.9	618.5	664.7	727.3	768.0	824.0	885.5
42.5°	503.2	554.1	625.5	707.0	775.2	832.0	900.6	975.8	1066.2	1151.2	1224.5
40°	606.1	669.1	757.5	846.2	932.0	1010.7	1121.3	1218.1	1324.7	1441.6	1539.0
37.5°	740.3	821.1	912.4	1024.1	1157.8	1245.1	1397.3	1536.3	1656.4	1797.6	1884.5
35°	946.5	1051.7	1132.5	1358.5	1521.1	1623.2	1803.3	2031.8	2119.5	2297.3	2381.7
32.5°	1205.7	1345.5	1558.3	1857.4	2074.6	2262.6	2531.9	2763.7	2961.3	3139.9	3325.6
30°	1497.0	1712.7	2026.3	2423.8	2644.4	2907.7	3271.9	3546.8	3856.7	4196.9	4316.0
27.5°	1761.3	2084.4	2448.5	2770.5	3087.2	3415.2	3773.1	4126.2	4461.7	4744.7	4934.7
25°	2006.3	2397.6	2751.4	3095.5	3438.7	3808.2	4212.9	4613.4	4982.5	5273.8	5495.2
22.5°	2258.9	2672.3	3050.9	3400.0	3799.3	4217.9	4648.3	5107.7	5527.8	5829.9	6071.1
20°	2496.5	2956.2	3388.1	3785.6	4163.0	4646.3	5141.9	5629.2	6086.6	6446.5	6724.7
17.5°	2873.5	3272.7	3800.5	4316.9	4742.1	5186.0	5848.3	6351.2	6858.8	7289.8	7584.7
15°	3336.6	3775.5	4320.5	5029.8	5612.3	6120.9	6805.1	7623.3	8222.0	8772.2	9149.8
12.5°	3800.1	4296.5	4886.0	5684.1	6513.6	7112.7	7942.7	8979.5	9676.8	10528.8	10948.8
10°	4155.3	4778.7	5385.8	6114.1	6910.7	7763.8	8658.6	9628.5	10560.3	11291.9	11945.9
7.5°	4298.4	4962.4	5665.1	6408.2	7204.7	8085.2	9038.9	10048.1	11007.1	11824.3	12543.0
5°	4405.3	5085.6	5793.0	6552.9	7404.3	8323.7	9291.6	10351.3	11330.6	12206.4	12941.7
2.5°	4473.2	5159.9	5864.2	6636.8	7532.3	8479.0	9478.1	10565.8	11559.8	12461.4	13194.4
0°	4499.2	5176.0	5897.3	6692.7	7579.2	8528.2	9570.4	10670.9	11672.8	12544.5	13298.6
-2.5°	4502.8	5161.1	5899.5	6690.9	7539.2	8497.1	9551.8	10643.2	11624.7	12492.9	13253.8
-5°	4467.4	5125.5	5864.5	6644.0	7493.5	8444.1	9453.6	10508.2	11444.3	12289.3	13021.8
-7.5°	4395.8	5052.0	5774.7	6536.4	7362.9	8285.1	9254.6	10235.0	11153.4	11963.7	12662.8
-10°	4289.5	4931.8	5629.6	6371.7	7153.7	8030.9	8955.4	9892.1	10753.4	11502.7	12149.2
-12.5°	4145.5	4773.0	5439.3	6147.9	6875.8	7712.0	8585.0	9464.6	10249.6	10933.8	11513.8
-15°	3958.5	4571.4	5216.6	5886.6	6592.6	7348.8	8132.2	8939.1	9663.0	10269.8	10799.7
-17.5°	3738.3	4332.7	4945.4	5566.5	6236.3	6945.8	7673.1	8397.4	9014.9	9553.8	10038.4
-20°	3492.7	4065.4	4647.4	5226.5	5834.2	6490.3	7162.0	7798.2	8337.8	8827.6	9270.9



REPORT NUMBER: P627062 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-750-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3217.4	3765.6	4323.4	4865.3	5413.4	6007.5	6607.3	7182.7	7687.4	8106.3	8491.6
-25°	2922.7	3429.2	3955.9	4464.0	4968.4	5500.8	6045.7	6575.0	7019.3	7383.0	7701.4
-27.5°	2625.7	3088.5	3552.7	4031.0	4497.2	4988.5	5481.8	5939.0	6337.8	6672.7	6940.3
-30°	2313.5	2727.3	3151.2	3584.0	4029.1	4478.7	4924.4	5324.8	5672.9	5967.4	6198.7
-32.5°	2054.1	2368.5	2742.6	3135.5	3552.9	3962.5	4350.2	4715.1	5043.2	5300.4	5496.4
-35°	1805.5	2071.7	2351.9	2699.6	3058.2	3435.2	3791.8	4117.5	4409.9	4634.7	4819.1
-37.5°	1591.7	1802.3	2039.2	2287.5	2588.1	2899.7	3221.6	3527.9	3788.6	3984.7	4149.4
-40°	1406.7	1572.9	1762.3	1959.1	2180.3	2404.1	2684.4	2942.9	3155.7	3339.0	3488.2
-42.5°	1239.4	1379.7	1519.5	1681.0	1847.9	2027.8	2224.5	2415.7	2579.0	2732.4	2859.2
-45°	1095.0	1207.1	1318.5	1443.2	1565.8	1712.1	1852.6	1978.0	2110.3	2225.2	2315.5
-47.5°	968.8	1056.2	1151.7	1245.0	1343.4	1453.6	1558.2	1653.6	1750.5	1834.5	1901.9
-50°	856.6	929.0	1007.0	1080.3	1159.9	1240.5	1317.9	1393.7	1467.4	1531.3	1581.0
-52.5°	758.3	821.6	882.4	940.8	1004.1	1063.8	1119.8	1182.4	1240.0	1290.3	1324.3
-55°	674.7	726.4	776.2	824.9	872.8	918.0	962.7	1011.3	1055.8	1095.8	1121.1
-57.5°	596.2	640.2	682.3	722.1	760.1	796.1	833.7	871.1	905.3	935.5	955.1
-60°	524.7	560.7	597.2	629.7	660.3	689.0	720.7	750.6	778.2	801.5	815.0
-62.5°	459.3	491.5	518.4	544.2	570.2	596.1	618.6	640.7	662.0	680.0	691.8
-65°	390.9	418.2	441.1	461.7	480.4	500.5	519.7	537.0	552.4	564.1	571.6
-67.5°	329.6	349.7	368.1	384.5	401.2	417.3	432.0	445.2	456.7	464.9	470.3
-70°	276.4	291.8	306.8	321.7	336.6	349.1	359.8	369.6	378.5	382.3	383.9
-72.5°	229.7	243.3	256.5	269.7	282.1	291.8	299.7	306.9	313.4	307.8	298.0
-75°	187.3	199.3	211.6	223.3	234.2	241.7	247.5	252.9	257.8	245.6	229.0
-77.5°	152.7	163.2	172.4	181.4	190.4	195.1	198.8	202.5	206.0	192.5	175.4
-80°	113.3	121.8	129.5	137.2	144.7	147.5	149.1	150.2	150.8	139.3	125.9
-82.5°	76.5	80.9	85.2	89.6	94.2	96.6	98.4	99.7	100.7	92.5	83.2
-85°	42.9	44.2	45.2	46.1	46.9	48.4	49.8	51.1	52.3	48.5	44.2
-87.5°	14.7	14.7	14.7	14.6	14.4	14.4	14.4	14.4	14.3	13.7	13.1
-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: P627062 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-750-U-WR-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	0.1	0.2
62.5°	1.0	1.1	1.1	1.1	1.1	1.1	1.0	0.9	0.8	0.7	0.8
60°	2.1	1.3	1.1	1.1	1.1	1.3	2.1	2.7	3.1	4.1	4.4
57.5°	21.1	18.4	16.5	14.8	16.5	18.4	21.1	22.6	22.7	29.3	30.2
55°	140.3	130.6	118.8	104.9	118.8	130.6	140.3	142.8	136.8	124.9	112.8
52.5°	275.2	284.3	289.6	289.1	289.6	284.3	275.2	265.7	256.8	244.4	233.5
50°	362.2	367.2	367.4	363.3	367.4	367.2	362.2	354.0	343.8	329.5	306.6
47.5°	530.7	523.7	511.8	498.9	511.8	523.7	530.7	524.2	509.7	479.7	422.3
45°	926.0	948.3	946.8	918.3	946.8	948.3	926.0	885.5	824.0	768.0	727.3
42.5°	1265.5	1298.9	1322.5	1334.5	1322.5	1298.9	1265.5	1224.5	1151.2	1066.2	975.8
40°	1593.9	1626.1	1640.4	1639.6	1640.4	1626.1	1593.9	1539.0	1441.6	1324.7	1218.1
37.5°	1940.9	1982.7	2003.0	1993.3	2003.0	1982.7	1940.9	1884.5	1797.6	1656.4	1536.3
35°	2418.2	2457.3	2458.0	2438.1	2458.0	2457.3	2418.2	2381.7	2297.3	2119.5	2031.8
32.5°	3473.1	3486.1	3385.7	3350.1	3385.7	3486.1	3473.1	3325.6	3139.9	2961.3	2763.7
30°	4434.6	4527.3	4613.5	4657.0	4613.5	4527.3	4434.6	4316.0	4196.9	3856.7	3546.8
27.5°	5077.9	5189.4	5258.5	5262.9	5258.5	5189.4	5077.9	4934.7	4744.7	4461.7	4126.2
25°	5662.9	5787.7	5863.0	5888.8	5863.0	5787.7	5662.9	5495.2	5273.8	4982.5	4613.4
22.5°	6275.9	6422.9	6520.3	6540.2	6520.3	6422.9	6275.9	6071.1	5829.9	5527.8	5107.7
20°	6987.1	7158.2	7251.5	7247.7	7251.5	7158.2	6987.1	6724.7	6446.5	6086.6	5629.2
17.5°	7923.3	8106.8	8187.4	8152.2	8187.4	8106.8	7923.3	7584.7	7289.8	6858.8	6351.2
15°	9537.2	9921.1	9919.6	9766.3	9919.6	9921.1	9537.2	9149.8	8772.2	8222.0	7623.3
12.5°	11528.0	11814.0	12107.5	12170.6	12107.5	11814.0	11528.0	10948.8	10528.8	9676.8	8979.5
10°	12496.7	12876.5	13127.2	13120.6	13127.2	12876.5	12496.7	11945.9	11291.9	10560.3	9628.5
7.5°	13102.7	13522.4	13826.2	13819.7	13826.2	13522.4	13102.7	12543.0	11824.3	11007.1	10048.1
5°	13570.4	14035.9	14305.0	14324.9	14305.0	14035.9	13570.4	12941.7	12206.4	11330.6	10351.3
2.5°	13813.4	14299.2	14622.7	14580.1	14622.7	14299.2	13813.4	13194.4	12461.4	11559.8	10565.8
0°	13915.0	14395.9	14697.7	14828.0	14697.7	14395.9	13915.0	13298.6	12544.5	11672.8	10670.9
-2.5°	13870.6	14338.5	14672.1	14685.0	14672.1	14338.5	13870.6	13253.8	12492.9	11624.7	10643.2
-5°	13632.9	14126.7	14350.2	14468.9	14350.2	14126.7	13632.9	13021.8	12289.3	11444.3	10508.2
-7.5°	13249.7	13619.7	13903.6	14034.7	13903.6	13619.7	13249.7	12662.8	11963.7	11153.4	10235.0
-10°	12653.2	13036.3	13276.2	13384.4	13276.2	13036.3	12653.2	12149.2	11502.7	10753.4	9892.1
-12.5°	11992.4	12340.5	12568.6	12659.9	12568.6	12340.5	11992.4	11513.8	10933.8	10249.6	9464.6
-15°	11255.2	11571.2	11781.2	11868.7	11781.2	11571.2	11255.2	10799.7	10269.8	9663.0	8939.1
-17.5°	10443.6	10720.6	10929.8	10992.8	10929.8	10720.6	10443.6	10038.4	9553.8	9014.9	8397.4
-20°	9609.0	9859.4	10031.7	10069.3	10031.7	9859.4	9609.0	9270.9	8827.6	8337.8	7798.2



REPORT NUMBER: P627062 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-750-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	8768.2	8974.5	9114.4	9161.6	9114.4	8974.5	8768.2	8491.6	8106.3	7687.4	7182.7
-25°	7946.4	8124.5	8237.2	8279.3	8237.2	8124.5	7946.4	7701.4	7383.0	7019.3	6575.0
-27.5°	7156.1	7322.1	7425.6	7439.4	7425.6	7322.1	7156.1	6940.3	6672.7	6337.8	5939.0
-30°	6378.5	6515.6	6595.4	6629.2	6595.4	6515.6	6378.5	6198.7	5967.4	5672.9	5324.8
-32.5°	5651.7	5771.5	5843.1	5862.3	5843.1	5771.5	5651.7	5496.4	5300.4	5043.2	4715.1
-35°	4965.7	5076.3	5139.8	5134.7	5139.8	5076.3	4965.7	4819.1	4634.7	4409.9	4117.5
-37.5°	4285.6	4387.7	4445.3	4439.9	4445.3	4387.7	4285.6	4149.4	3984.7	3788.6	3527.9
-40°	3611.0	3699.0	3749.8	3762.1	3749.8	3699.0	3611.0	3488.2	3339.0	3155.7	2942.9
-42.5°	2964.6	3045.8	3086.5	3070.5	3086.5	3045.8	2964.6	2859.2	2732.4	2579.0	2415.7
-45°	2378.8	2420.8	2448.5	2465.7	2448.5	2420.8	2378.8	2315.5	2225.2	2110.3	1978.0
-47.5°	1951.2	1986.0	2004.8	2008.1	2004.8	1986.0	1951.2	1901.9	1834.5	1750.5	1653.6
-50°	1619.7	1649.3	1662.4	1658.6	1662.4	1649.3	1619.7	1581.0	1531.3	1467.4	1393.7
-52.5°	1348.8	1366.0	1377.6	1383.2	1377.6	1366.0	1348.8	1324.3	1290.3	1240.0	1182.4
-55°	1140.2	1153.5	1161.4	1164.0	1161.4	1153.5	1140.2	1121.1	1095.8	1055.8	1011.3
-57.5°	971.4	984.2	988.8	987.1	988.8	984.2	971.4	955.1	935.5	905.3	871.1
-60°	825.4	832.7	838.2	841.0	838.2	832.7	825.4	815.0	801.5	778.2	750.6
-62.5°	701.2	708.1	713.7	717.0	713.7	708.1	701.2	691.8	680.0	662.0	640.7
-65°	576.8	579.8	580.7	579.4	580.7	579.8	576.8	571.6	564.1	552.4	537.0
-67.5°	474.3	476.8	478.5	478.7	478.5	476.8	474.3	470.3	464.9	456.7	445.2
-70°	385.5	386.6	385.4	382.4	385.4	386.6	385.5	383.9	382.3	378.5	369.6
-72.5°	288.0	277.5	267.0	255.3	267.0	277.5	288.0	298.0	307.8	313.4	306.9
-75°	211.7	193.8	187.4	181.1	187.4	193.8	211.7	229.0	245.6	257.8	252.9
-77.5°	157.4	138.8	133.9	129.2	133.9	138.8	157.4	175.4	192.5	206.0	202.5
-80°	111.9	97.3	94.2	91.1	94.2	97.3	111.9	125.9	139.3	150.8	150.2
-82.5°	73.5	63.4	61.3	59.3	61.3	63.4	73.5	83.2	92.5	100.7	99.7
-85°	39.6	34.9	33.9	32.8	33.9	34.9	39.6	44.2	48.5	52.3	51.1
-87.5°	12.4	11.7	11.7	11.7	11.7	11.7	12.4	13.1	13.7	14.3	14.4
-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: P627062 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-750-U-WR-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	0.2	0.5	0.7	0.9	0.9	0.8	0.8	0.8
85°	0.0	0.0	0.0	0.3	0.6	0.8	1.1	1.1	1.1	1.1	1.1
82.5°	0.0	0.0	0.0	0.3	0.6	0.8	1.1	1.1	1.1	1.1	1.1
80°	0.0	0.0	0.0	0.3	0.6	0.9	1.1	1.1	1.1	1.1	1.1
77.5°	0.0	0.0	0.1	0.3	0.6	0.9	1.1	1.1	1.1	1.1	1.1
75°	0.0	0.0	0.1	0.4	0.6	0.9	1.1	1.1	1.1	1.1	1.1
72.5°	0.0	0.0	0.1	0.3	0.7	1.0	1.1	1.1	1.1	1.1	1.1
70°	0.0	0.0	0.0	0.0	0.1	0.3	0.6	0.9	1.1	1.1	1.1
67.5°	0.0	0.0	0.2	0.5	0.6	0.6	0.5	0.6	0.9	1.1	1.1
65°	0.3	0.2	0.3	0.5	0.8	1.1	1.1	1.0	1.0	1.2	1.1
62.5°	0.9	1.1	1.0	0.9	1.0	1.4	1.4	1.4	1.3	1.7	2.4
60°	3.5	1.8	3.8	4.5	3.5	3.5	6.0	5.6	2.1	7.9	9.6
57.5°	23.2	21.4	30.7	29.8	17.8	25.5	30.4	20.4	14.2	22.5	27.2
55°	101.4	99.1	96.6	91.0	83.5	77.7	76.6	76.5	60.7	44.0	49.9
52.5°	222.3	197.9	180.4	171.9	159.8	141.3	126.5	123.6	119.9	99.2	82.0
50°	285.6	281.1	262.2	233.2	230.5	212.1	186.3	168.6	166.3	152.1	126.0
47.5°	410.2	410.2	371.4	336.1	325.8	309.7	277.2	229.3	224.9	212.9	183.7
45°	664.7	618.5	596.9	528.9	454.9	426.4	399.3	341.7	294.6	276.1	255.5
42.5°	900.6	832.0	775.2	707.0	625.5	554.1	503.2	440.0	383.1	343.7	314.4
40°	1121.3	1010.7	932.0	846.2	757.5	669.1	606.1	526.5	461.7	408.9	377.9
37.5°	1397.3	1245.1	1157.8	1024.1	912.4	821.1	740.3	639.1	534.9	491.9	453.4
35°	1803.3	1623.2	1521.1	1358.5	1132.5	1051.7	946.5	794.9	663.1	589.5	541.9
32.5°	2531.9	2262.6	2074.6	1857.4	1558.3	1345.5	1205.7	1037.0	825.9	720.0	641.1
30°	3271.9	2907.7	2644.4	2423.8	2026.3	1712.7	1497.0	1258.2	1030.6	858.6	751.5
27.5°	3773.1	3415.2	3087.2	2770.5	2448.5	2084.4	1761.3	1454.7	1205.9	1013.5	875.1
25°	4212.9	3808.2	3438.7	3095.5	2751.4	2397.6	2006.3	1661.8	1369.6	1149.6	968.9
22.5°	4648.3	4217.9	3799.3	3400.0	3050.9	2672.3	2258.9	1862.5	1526.8	1298.8	1081.7
20°	5141.9	4646.3	4163.0	3785.6	3388.1	2956.2	2496.5	2118.6	1789.6	1477.3	1205.1
17.5°	5848.3	5186.0	4742.1	4316.9	3800.5	3272.7	2873.5	2477.4	2072.3	1665.9	1334.6
15°	6805.1	6120.9	5612.3	5029.8	4320.5	3775.5	3336.6	2855.5	2375.8	1889.1	1488.8
12.5°	7942.7	7112.7	6513.6	5684.1	4886.0	4296.5	3800.1	3261.6	2672.2	2090.8	1632.2
10°	8658.6	7763.8	6910.7	6114.1	5385.8	4778.7	4155.3	3497.7	2842.2	2243.0	1756.2
7.5°	9038.9	8085.2	7204.7	6408.2	5665.1	4962.4	4298.4	3636.1	2978.9	2361.9	1861.1
5°	9291.6	8323.7	7404.3	6552.9	5793.0	5085.6	4405.3	3729.9	3081.8	2449.6	1946.8
2.5°	9478.1	8479.0	7532.3	6636.8	5864.2	5159.9	4473.2	3784.6	3135.5	2496.6	1976.7
0°	9570.4	8528.2	7579.2	6692.7	5897.3	5176.0	4499.2	3804.4	3147.8	2516.5	1989.1
-2.5°	9551.8	8497.1	7539.2	6690.9	5899.5	5161.1	4502.8	3815.2	3151.2	2531.5	1997.9
-5°	9453.6	8444.1	7493.5	6644.0	5864.5	5125.5	4467.4	3791.9	3126.5	2519.6	1989.5
-7.5°	9254.6	8285.1	7362.9	6536.4	5774.7	5052.0	4395.8	3734.6	3076.4	2478.5	1964.7
-10°	8955.4	8030.9	7153.7	6371.7	5629.6	4931.8	4289.5	3637.8	2993.8	2411.0	1921.7
-12.5°	8585.0	7712.0	6875.8	6147.9	5439.3	4773.0	4145.5	3501.4	2878.9	2317.2	1860.3
-15°	8132.2	7348.8	6592.6	5886.6	5216.6	4571.4	3958.5	3331.6	2732.9	2196.5	1780.7
-17.5°	7673.1	6945.8	6236.3	5566.5	4945.4	4332.7	3738.3	3142.8	2569.9	2066.3	1687.5
-20°	7162.0	6490.3	5834.2	5226.5	4647.4	4065.4	3492.7	2920.0	2383.3	1944.5	1604.9



REPORT NUMBER: P627062 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-750-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6607.3	6007.5	5413.4	4865.3	4323.4	3765.6	3217.4	2676.8	2167.6	1807.8	1511.4
-25°	6045.7	5500.8	4968.4	4464.0	3955.9	3429.2	2922.7	2429.1	2008.1	1678.8	1410.4
-27.5°	5481.8	4988.5	4497.2	4031.0	3552.7	3088.5	2625.7	2178.3	1835.5	1555.5	1316.2
-30°	4924.4	4478.7	4029.1	3584.0	3151.2	2727.3	2313.5	1974.7	1676.7	1423.6	1210.8
-32.5°	4350.2	3962.5	3552.9	3135.5	2742.6	2368.5	2054.1	1768.6	1511.0	1302.2	1117.1
-35°	3791.8	3435.2	3058.2	2699.6	2351.9	2071.7	1805.5	1571.9	1365.9	1181.1	1023.6
-37.5°	3221.6	2899.7	2588.1	2287.5	2039.2	1802.3	1591.7	1401.0	1223.1	1076.0	940.4
-40°	2684.4	2404.1	2180.3	1959.1	1762.3	1572.9	1406.7	1242.8	1105.4	976.0	859.3
-42.5°	2224.5	2027.8	1847.9	1681.0	1519.5	1379.7	1239.4	1111.9	992.0	883.5	786.6
-45°	1852.6	1712.1	1565.8	1443.2	1318.5	1207.1	1095.0	990.0	889.2	800.7	714.8
-47.5°	1558.2	1453.6	1343.4	1245.0	1151.7	1056.2	968.8	878.3	800.1	721.3	649.6
-50°	1317.9	1240.5	1159.9	1080.3	1007.0	929.0	856.6	785.3	716.5	651.2	585.9
-52.5°	1119.8	1063.8	1004.1	940.8	882.4	821.6	758.3	701.1	641.8	584.2	527.1
-55°	962.7	918.0	872.8	824.9	776.2	726.4	674.7	623.2	572.2	519.8	476.7
-57.5°	833.7	796.1	760.1	722.1	682.3	640.2	596.2	550.2	508.5	468.8	429.7
-60°	720.7	689.0	660.3	629.7	597.2	560.7	524.7	488.6	452.5	418.0	384.5
-62.5°	618.6	596.1	570.2	544.2	518.4	491.5	459.3	427.4	396.8	367.3	339.6
-65°	519.7	500.5	480.4	461.7	441.1	418.2	390.9	366.0	341.9	317.6	294.7
-67.5°	432.0	417.3	401.2	384.5	368.1	349.7	329.6	309.0	289.7	269.8	252.7
-70°	359.8	349.1	336.6	321.7	306.8	291.8	276.4	260.2	242.6	224.8	211.0
-72.5°	299.7	291.8	282.1	269.7	256.5	243.3	229.7	215.3	199.8	183.3	170.1
-75°	247.5	241.7	234.2	223.3	211.6	199.3	187.3	174.2	159.2	142.1	128.8
-77.5°	198.8	195.1	190.4	181.4	172.4	163.2	152.7	137.3	122.1	107.6	97.7
-80°	149.1	147.5	144.7	137.2	129.5	121.8	113.3	101.6	90.4	80.0	71.9
-82.5°	98.4	96.6	94.2	89.6	85.2	80.9	76.5	68.7	60.9	53.4	46.9
-85°	49.8	48.4	46.9	46.1	45.2	44.2	42.9	38.4	34.0	30.0	26.3
-87.5°	14.4	14.4	14.4	14.6	14.7	14.7	14.7	13.6	12.6	11.5	10.5
-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: P627062 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-750-U-WR-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°	0.7	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.3
85°	1.1	1.1	1.1	1.1	1.1	1.1	1.0	0.9	0.8	0.8	0.7
82.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0
80°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
77.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
75°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
72.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
70°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.1	1.1	1.1
67.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.4	1.4	1.1	1.1
65°	1.1	1.1	1.2	1.6	1.5	1.1	1.1	2.1	1.8	1.6	1.1
62.5°	2.1	1.1	2.8	3.7	2.4	1.9	1.6	4.4	2.9	2.0	1.5
60°	4.8	3.9	7.4	11.3	8.1	3.2	4.6	7.6	7.0	2.6	2.0
57.5°	24.5	11.2	16.5	21.5	20.5	11.5	9.3	13.0	11.8	6.9	2.8
55°	50.9	43.3	34.4	34.2	34.6	27.3	19.5	20.1	17.8	12.7	4.1
52.5°	77.3	74.9	66.7	54.4	49.9	45.0	36.9	28.5	26.4	18.9	10.0
50°	110.2	104.2	97.7	85.0	68.9	62.6	54.1	43.5	36.0	26.4	16.5
47.5°	147.8	137.3	127.5	115.3	97.7	81.1	71.6	59.0	46.5	36.3	23.1
45°	206.5	172.5	159.2	145.0	126.9	106.2	89.8	74.4	60.3	46.2	29.7
42.5°	266.8	219.4	191.6	175.6	156.7	133.3	108.8	91.4	73.8	56.1	37.5
40°	327.6	268.8	226.7	206.8	187.5	160.4	132.9	109.2	87.1	66.3	46.1
37.5°	393.2	324.2	267.2	239.1	218.8	189.5	157.4	127.4	100.7	77.4	54.5
35°	474.8	389.8	311.3	276.6	249.3	219.3	181.5	147.1	117.0	88.6	62.8
32.5°	566.6	462.2	374.4	317.4	280.3	249.5	207.4	169.4	133.7	99.8	71.0
30°	657.9	536.7	434.3	357.9	313.2	277.9	234.9	191.7	150.8	111.0	79.4
27.5°	727.6	601.1	490.3	406.4	349.7	306.1	262.3	214.2	168.1	123.2	88.5
25°	798.8	660.6	544.7	454.0	385.4	335.0	288.6	236.7	186.6	137.4	97.4
22.5°	881.9	717.2	590.6	496.9	423.2	364.2	313.7	259.5	205.3	151.4	106.1
20°	963.2	769.4	632.9	547.1	464.6	396.8	338.4	281.2	223.5	165.1	114.4
17.5°	1046.6	842.6	702.9	599.0	507.3	429.1	362.8	301.8	241.3	178.5	122.5
15°	1172.2	940.6	773.6	650.3	548.6	460.7	386.6	321.2	258.4	191.4	129.6
12.5°	1290.7	1032.7	842.2	700.3	588.2	491.3	409.8	339.3	274.7	202.2	135.6
10°	1395.3	1118.5	907.9	748.7	625.9	520.8	431.9	353.6	284.4	210.8	141.0
7.5°	1486.4	1197.3	969.8	794.6	658.0	540.7	443.2	361.1	291.7	218.3	145.6
5°	1556.1	1250.9	1003.8	813.0	670.0	549.8	451.3	367.1	297.5	224.7	149.7
2.5°	1579.2	1268.7	1017.3	823.4	678.8	556.3	457.5	371.7	301.9	230.0	153.0
0°	1589.8	1277.3	1024.2	829.3	684.2	560.3	461.8	374.9	305.0	234.1	155.7
-2.5°	1601.5	1289.1	1033.9	838.5	689.9	565.8	466.3	379.9	309.4	238.7	160.2
-5°	1600.7	1291.3	1037.1	843.0	692.1	568.7	468.9	383.4	312.6	242.0	163.9
-7.5°	1583.7	1281.3	1033.1	842.1	690.9	569.0	469.7	385.5	314.6	244.1	166.9
-10°	1553.5	1260.5	1021.4	834.4	686.3	566.5	468.5	386.2	315.4	245.1	169.0
-12.5°	1510.8	1230.9	1002.7	822.0	678.2	561.2	465.1	384.4	314.9	244.8	170.2
-15°	1456.0	1192.8	976.8	804.7	666.4	553.4	459.6	380.6	312.1	243.0	170.4
-17.5°	1389.8	1146.6	943.8	782.7	650.9	542.9	452.0	375.5	308.4	239.8	170.1
-20°	1328.4	1097.9	905.7	755.9	631.8	529.9	442.4	368.9	303.8	235.9	169.3

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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Scaled Data Report



REPORT NUMBER: P627062 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-750-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1259.7	1047.3	872.0	730.3	611.6	514.3	430.6	360.9	298.3	231.2	167.7
-25°	1181.0	990.0	833.4	701.9	592.0	499.4	418.6	351.5	291.9	225.9	165.5
-27.5°	1107.1	930.9	790.2	669.0	569.3	482.3	406.7	342.8	284.6	220.0	162.6
-30°	1031.7	879.4	748.8	634.5	544.2	463.2	393.3	333.5	276.3	214.8	159.0
-32.5°	955.1	823.3	704.4	604.7	520.0	442.6	378.6	323.5	267.7	209.7	156.0
-35°	889.2	768.1	656.8	572.7	495.1	425.1	364.0	312.9	258.7	203.9	152.7
-37.5°	819.1	712.1	619.7	540.8	468.4	406.0	350.1	300.4	249.6	197.4	148.8
-40°	756.3	659.9	579.8	510.0	444.4	385.4	334.5	287.0	241.0	190.3	144.2
-42.5°	692.4	612.4	540.9	476.8	420.3	366.4	317.5	272.8	229.9	183.7	139.0
-45°	636.4	563.8	500.6	446.7	395.1	345.8	300.9	258.1	218.0	176.9	133.5
-47.5°	578.5	516.9	463.0	415.2	370.3	324.4	283.4	244.4	205.7	169.3	127.9
-50°	524.6	472.5	427.6	384.8	342.9	304.3	265.8	230.3	194.5	159.4	121.6
-52.5°	476.6	433.2	393.2	354.2	318.3	283.4	250.1	216.0	182.8	149.5	114.6
-55°	434.2	395.5	359.5	325.8	293.6	264.8	234.1	202.5	170.7	139.2	107.1
-57.5°	393.6	358.7	328.1	298.1	270.7	245.7	218.4	188.6	158.4	128.5	100.5
-60°	352.7	324.7	297.5	272.3	248.6	225.9	202.7	174.2	145.6	117.5	92.5
-62.5°	313.6	290.0	269.1	247.0	225.2	205.2	186.4	159.3	132.4	106.6	83.6
-65°	275.2	257.1	240.3	219.5	200.5	183.8	168.3	144.0	118.4	95.0	74.3
-67.5°	237.1	222.3	207.2	190.3	176.3	162.7	148.9	126.9	103.7	82.8	64.9
-70°	198.7	186.2	175.4	164.7	153.0	141.1	127.3	108.5	88.2	71.2	55.2
-72.5°	161.1	153.4	147.0	139.5	129.6	118.2	105.3	89.9	74.2	59.2	45.1
-75°	124.1	122.5	120.6	115.7	106.2	95.6	85.2	73.4	59.9	47.0	36.8
-77.5°	97.7	97.1	95.8	92.3	84.1	75.4	66.4	56.5	46.2	37.3	28.9
-80°	72.4	72.3	71.7	69.6	62.5	55.2	48.9	42.6	35.0	27.8	20.9
-82.5°	47.6	48.3	48.7	48.0	43.2	38.5	34.0	29.5	23.6	18.1	14.0
-85°	27.2	27.7	27.8	27.5	24.5	21.7	19.8	17.8	14.8	11.9	9.4
-87.5°	11.3	11.9	12.4	12.7	11.8	10.8	9.9	9.0	7.4	6.0	4.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT NUMBER: P627062 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-750-U-WR-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°	0.3	0.2	0.2	0.1	0.1	0.0	0.0
85°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
82.5°	0.9	0.7	0.6	0.4	0.3	0.1	0.0
80°	1.1	0.9	0.8	0.6	0.4	0.2	0.0
77.5°	1.1	1.1	0.9	0.7	0.5	0.2	0.0
75°	1.1	1.1	1.1	0.9	0.6	0.3	0.0
72.5°	1.1	1.1	1.1	1.0	0.7	0.3	0.0
70°	1.1	1.1	1.1	1.1	0.8	0.4	0.0
67.5°	1.2	1.1	1.1	1.1	0.8	0.4	0.0
65°	1.3	1.2	1.1	1.1	0.9	0.5	0.0
62.5°	1.5	1.5	1.1	1.1	1.0	0.5	0.0
60°	1.7	1.7	1.1	1.1	1.1	0.5	0.0
57.5°	2.9	2.0	1.4	1.1	1.1	0.6	0.0
55°	4.4	2.3	1.7	1.1	1.1	0.6	0.0
52.5°	6.1	2.9	2.0	1.1	1.1	0.7	0.0
50°	8.1	4.8	2.4	1.1	1.2	0.7	0.0
47.5°	10.8	6.7	2.7	1.2	1.2	0.7	0.0
45°	16.5	8.8	3.1	1.5	1.2	0.8	0.0
42.5°	22.2	11.0	3.5	1.7	1.3	0.8	0.0
40°	27.9	13.3	4.6	2.1	1.3	0.8	0.0
37.5°	33.6	15.8	6.4	2.6	1.3	0.9	0.0
35°	39.1	19.6	8.3	3.1	1.4	0.9	0.0
32.5°	45.0	24.0	10.1	3.6	1.4	0.9	0.0
30°	51.7	28.3	12.0	4.2	1.5	1.0	0.0
27.5°	58.1	32.5	14.1	4.8	1.5	1.0	0.0
25°	64.3	36.5	16.3	5.4	1.6	1.0	0.0
22.5°	70.2	40.4	18.3	6.0	1.6	1.0	0.0
20°	75.9	44.2	20.3	6.7	1.7	1.0	0.0
17.5°	81.1	47.8	22.3	7.4	1.7	1.0	0.0
15°	85.9	51.2	24.1	8.0	1.8	1.1	0.0
12.5°	90.3	54.3	25.9	8.7	1.8	1.1	0.0
10°	94.3	57.2	27.5	9.4	1.9	1.1	0.0
7.5°	97.9	59.7	29.0	10.0	2.0	1.1	0.0
5°	101.0	62.0	30.4	10.6	2.0	1.1	0.0
2.5°	103.7	64.0	31.7	11.2	2.1	1.1	0.0
0°	105.9	65.7	32.8	11.7	2.1	1.1	0.0
-2.5°	108.8	67.8	34.3	12.4	2.4	1.2	0.0
-5°	111.2	69.5	35.6	13.1	2.7	1.2	0.0
-7.5°	113.1	70.9	36.8	13.7	3.0	1.3	0.0
-10°	114.4	72.0	37.7	14.2	3.3	1.3	0.0
-12.5°	115.2	72.6	38.4	14.7	3.6	1.4	0.0
-15°	115.5	73.0	38.8	15.1	3.9	1.5	0.0
-17.5°	115.1	72.9	39.1	15.4	4.1	1.5	0.0
-20°	114.8	72.5	39.0	15.5	4.3	1.5	0.0

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CATALOG NUMBER: GFLD-SA2E-750-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	114.9	71.7	38.7	15.6	4.5	1.6	0.0
-25°	114.3	71.4	38.1	15.6	4.7	1.6	0.0
-27.5°	113.3	71.1	37.2	15.5	4.8	1.6	0.0
-30°	111.6	70.4	36.2	15.3	5.0	1.6	0.0
-32.5°	109.4	69.2	35.7	15.0	5.0	1.6	0.0
-35°	107.2	67.5	35.0	14.5	5.1	1.6	0.0
-37.5°	104.8	65.7	33.9	14.0	5.1	1.6	0.0
-40°	101.8	64.1	32.6	13.3	5.1	1.6	0.0
-42.5°	98.1	62.1	31.6	12.7	5.0	1.6	0.0
-45°	94.0	59.7	31.0	12.2	5.0	1.6	0.0
-47.5°	89.2	56.8	30.0	11.5	4.9	1.5	0.0
-50°	85.1	53.6	28.8	11.3	4.7	1.5	0.0
-52.5°	80.6	50.0	27.2	11.2	4.5	1.4	0.0
-55°	75.6	47.1	25.3	10.9	4.3	1.4	0.0
-57.5°	70.2	43.9	23.1	10.4	4.1	1.3	0.0
-60°	64.4	40.2	20.7	9.9	3.8	1.2	0.0
-62.5°	58.7	36.2	19.3	9.2	3.6	1.1	0.0
-65°	52.5	31.7	17.6	8.3	3.3	1.1	0.0
-67.5°	45.8	27.8	15.8	7.4	3.0	1.0	0.0
-70°	38.6	24.4	13.7	6.4	2.7	0.9	0.0
-72.5°	32.8	20.7	11.5	5.6	2.4	0.8	0.0
-75°	26.9	16.8	9.1	4.9	2.1	0.7	0.0
-77.5°	20.8	12.6	7.6	4.2	1.8	0.6	0.0
-80°	14.4	9.7	6.1	3.4	1.4	0.5	0.0
-82.5°	10.6	7.3	4.6	2.6	1.1	0.3	0.0
-85°	7.1	4.9	3.1	1.7	0.7	0.2	0.0
-87.5°	3.6	2.5	1.6	0.9	0.4	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)